

REVIEW OF RESEARCH FOR DISASTER PREVENTION
No. 7

SEISMOLOGICAL DATA OF MATSUSHIRO EARTHQUAKE SWARM
(REPORT II)

OBSERVATIONS BY THE NETWORK OF
THE EARTHQUAKE RESEARCH INSTITUTE,
THE UNIVERSITY OF TOKYO,
DURING THE PERIOD FROM OCTOBER 1965 TO DECEMBER 1966

CONTENTS

Introductory note	1
Epicentral distribution of the felt earthquakes	4
Earthquakes observed by the seismological network of E. R. I.	11

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Introductory Note

The Matsushiro swarm earthquakes commenced in August 1965 and still continue even now when more than three years have passed since the outbreak. The Earthquake Research Institute of the University of Tokyo dispatched its members to Matsushiro and set up temporary seismographic stations in four places around Mt. Minakami, i. e., at Akashiba, Hoshina, Zozan and Mori in October 1965, each station being equipped with an Ishimoto acceleration seismograph and a short-period electromagnetic seismograph. The observation was continued till March 1967, when the earthquakes decreased in number, but the area of activity was extended and the seismographic network was forced to be rearranged so as to cover a wider area.

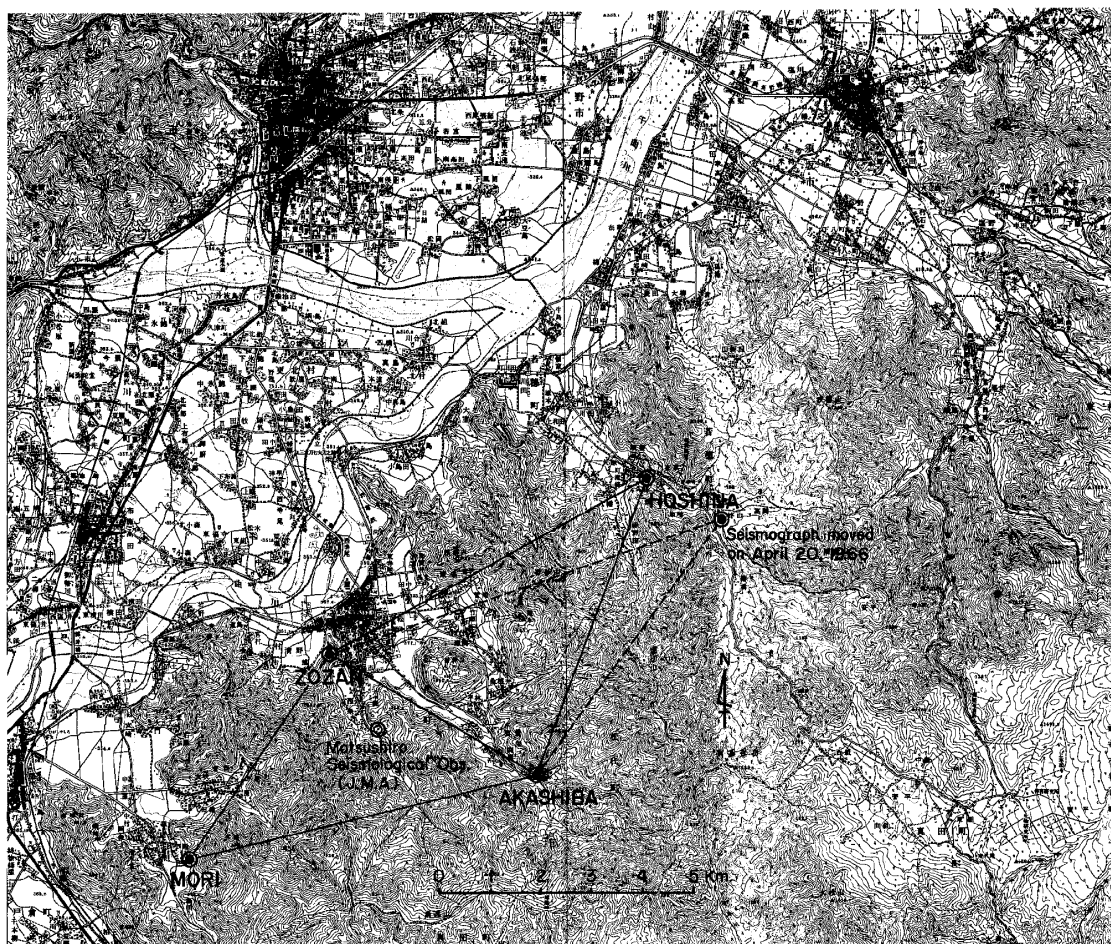


Fig. 1. Location of temporary seismographic stations.

This report compiles the seismological data obtained from the Ishimoto acceleration seismograms at Akashiba, Hoshina and Zozan during the period from October 1965 to December 1966, which were available for locating the hypocenters of the swarm earthquakes.

1. Criteria of the data

The determination of hypocenters was made according to the following criteria:

- 1) The earthquake was recorded at three stations at least.
- 2) Both the P and S phases were clear.
- 3) When too many earthquakes were recorded on a seismogram for a day beyond the capability of the seismogram interpreters (normally two persons were engaged in the interpretation of the acceleration seismograms), then 50 of larger earthquakes were selected to be read.

Referring to the frequency-magnitude curves of the swarm earthquakes determined by the observation, it may be expected that we were able to determine the hypocenters of almost all the earthquakes with magnitudes larger than 2.5 under such criteria.

2. Determination of magnitude

We obtained the magnitudes of the swarm earthquakes by using maximum amplitudes of earthquakes recorded on the acceleration seismograms of two stations, Akashiba and Zozan, and took the mean values of these two stations. For obtaining the magnitude, we used the graph devised by I. Muramatsu (*Zisin* II, 17 (1964), 215), who gave the relation between the maximum amplitude and the hypocentral distance, taking M as a parameter for the wide range of hypocentral distance and magnitude. The magnitudes of larger earthquakes obtained by this method were compared with the corresponding magnitudes obtained by the JMA (Japan Meteorological Agency) using observational data of its ordinary seismographic network. We found that there was a certain systematic difference between them, that is to say, the values obtained by Muramatsu's method were always smaller than the JMA magnitudes by 0.5, and so we adjusted our magnitude by adding 0.5 to the JMA magnitude.

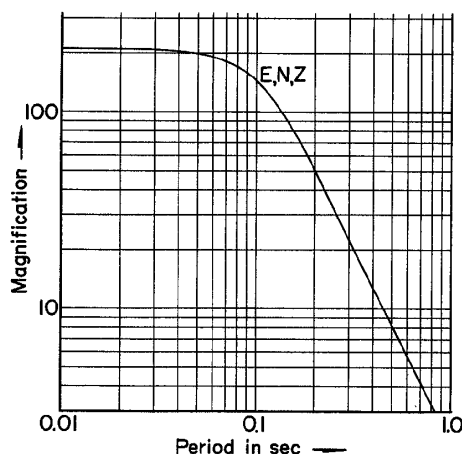


Fig. 2. Characteristics of the instruments.

3. Determination of hypocenters

We obtained the hypocenters of the earthquakes by assuming as the first approximation that the velocities of P and S waves are constant with depth. Assuming this, the hypocentral distance from a station is given by $\Delta = kt$, where Δ is the hypocentral distance, t the difference between the arrival times of P and S waves, k a constant. Since the position of hypocenter has three unknown quantities (latitude, longitude and depth) and k is also unknown, there are four unknown quantities. Therefore, if we observe the difference between the arrival times of P and S waves at four stations, we can determine these four unknown quantities. Once we have determined the value of k , we can determine the position of hypocenter simply by using the values of t at three stations, because the hypocentral distances from the three stations are given by the equation $\Delta = kt$. First, we determined the value of k by using the observational data of four stations, Akashiba, Hoshina, Zozan and Mori. The number of used data for this purpose was 113 and we obtained $k = 7.39 \pm 0.53$ as a mean value, excepting 32 data which gave large deviations from the mean value.

The hypocentral distributions of the earthquakes thus obtained are indicated graphically in the Bulletin of the Earthquake Research Institute, the University of Tokyo.

1) The Party for Seismographic Observation of Matsushiro Earthquakes and the Seismometrical Section, Earthquake Research Institute, "Matsushiro Earthquakes Observed with a Temporary Seismographic Network, Part 1." *Bull. Earthq. Res. Inst.*, **44** (1966), 309-333.

2) The Party for Seismographic Observation of Matsushiro Earthquakes and the Seismometrical Section, Earthquake Research Institute, "Matsushiro Earthquakes Observed with a Temporary Seismographic Network, Part 2." *Bull. Earthq. Res. Inst.*, **44** (1966), 1689-1714.

3) The Party for Seismographic Observation of Matsushiro Earthquakes and the Seismometrical Section, Earthquake Research Institute, "Matsushiro Earthquakes Observed with a Temporary Seismographic Network, Part 3." *Bull. Earthq. Res. Inst.*, **45** (1967), 197-223.

4) The Party for Seismographic Observation of Matsushiro Earthquakes and the Seismometrical Section, Earthquake Research Institute, "Matsushiro Earthquakes Observed with a Temporary Seismographic Network, Part 4." *Bull. Earthq. Res. Inst.*, **45** (1967), 887-917.

5) T. HAGIWARA and T. IWATA, "Summary of the Seismographic Observation of Matsushiro Swarm Earthquakes." *Bull. Earthq. Res. Inst.*, **46** (1968), 485-515.

4. Abbreviation of the names of stations

A: Akashiba, H: Hoshina, Z: Zozan.

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Seismological Data of Matsushiro Earthquake Swarm (Report II)

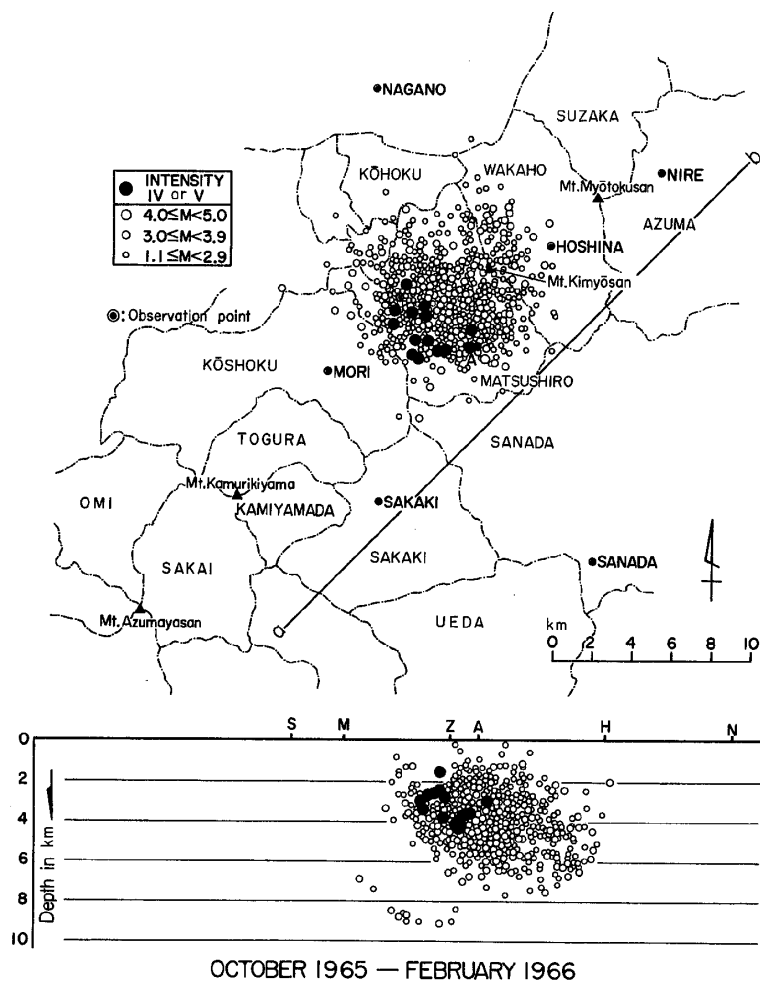


Fig. 3. Above: Epicentral distribution of the felt earthquakes during the period from October 1965 to February 1966.
 Below: Vertical distribution of the felt earthquakes during the period from October 1965 to February 1966.
 a-b: Plane of projection, A: Akashiba, H: Hoshina, M: Mori, N: Nire, S: Sakaki, Z: Zōzan.

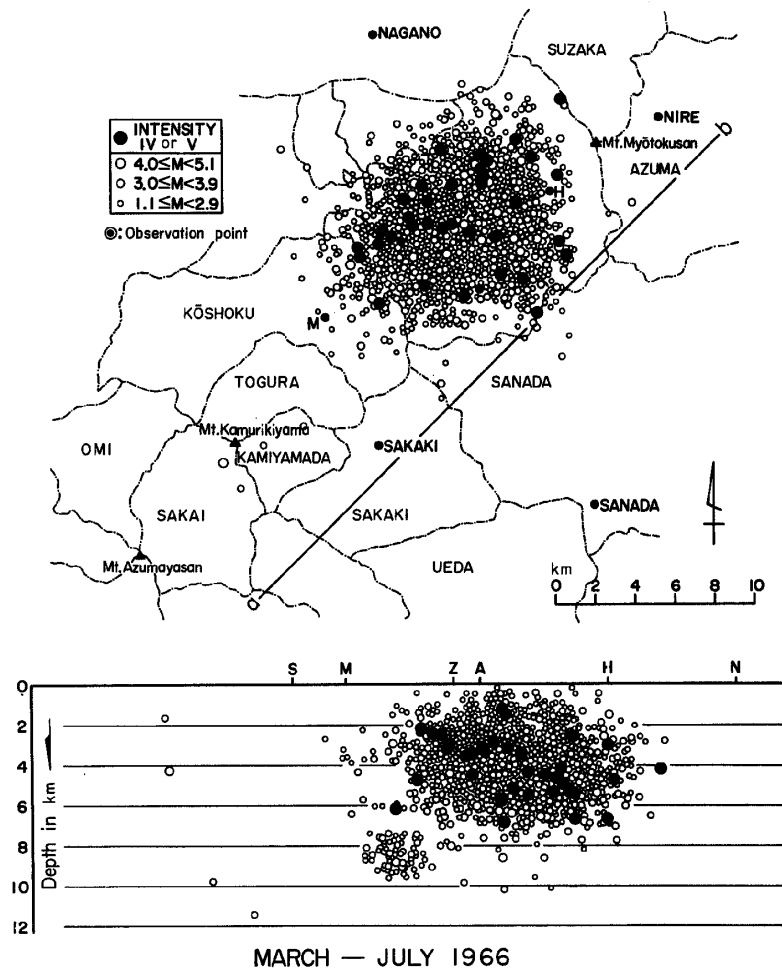


Fig. 4. Above: Epicentral distribution of the felt earthquakes during the period from March to July 1966.
Below: Vertical distribution of the felt earthquakes during the period from March to July 1966.
a-b: Plane of projection, A: Akashiba, H: Hoshina, M: Mori, N: Nire, S: Sakaki, Z: Zōzan.

Seismological Data of Matsushiro Earthquake Swarm (Report II)

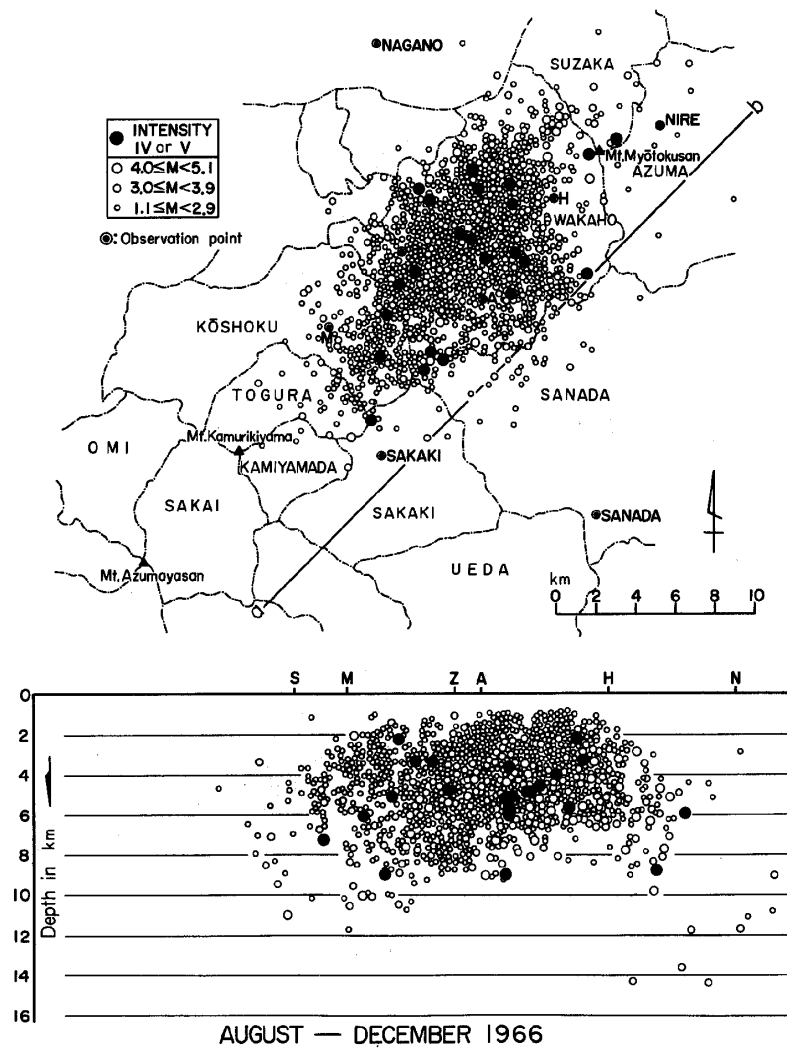


Fig. 5. Above: Epicentral distribution of the felt earthquakes during the period from August to December 1966.

Below: Vertical distribution of the felt earthquakes during the period from August to December 1966.

a-b: Plane of projection, A: Akashiba, H: Hoshina, M: Mori, N: Nire, S: Sakaki, Z: Zōzan.

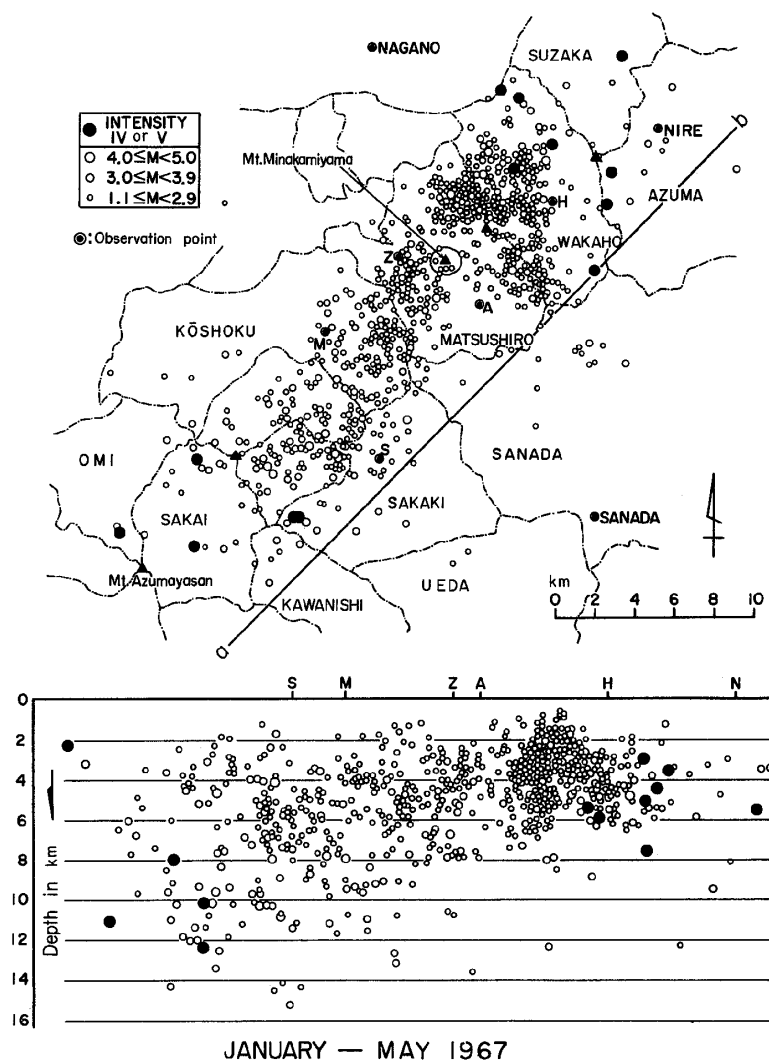


Fig. 6. Above: Epicentral distribution of the felt earthquakes during the period from January to May 1967.
Below: Vertical distribution of the felt earthquakes during the period from January to May 1967.
a-b: Plane of projection, A: Akashiba, H: Hoshina, M: Mori, N: Nire, S: Sakaki, Z: Zōzan.

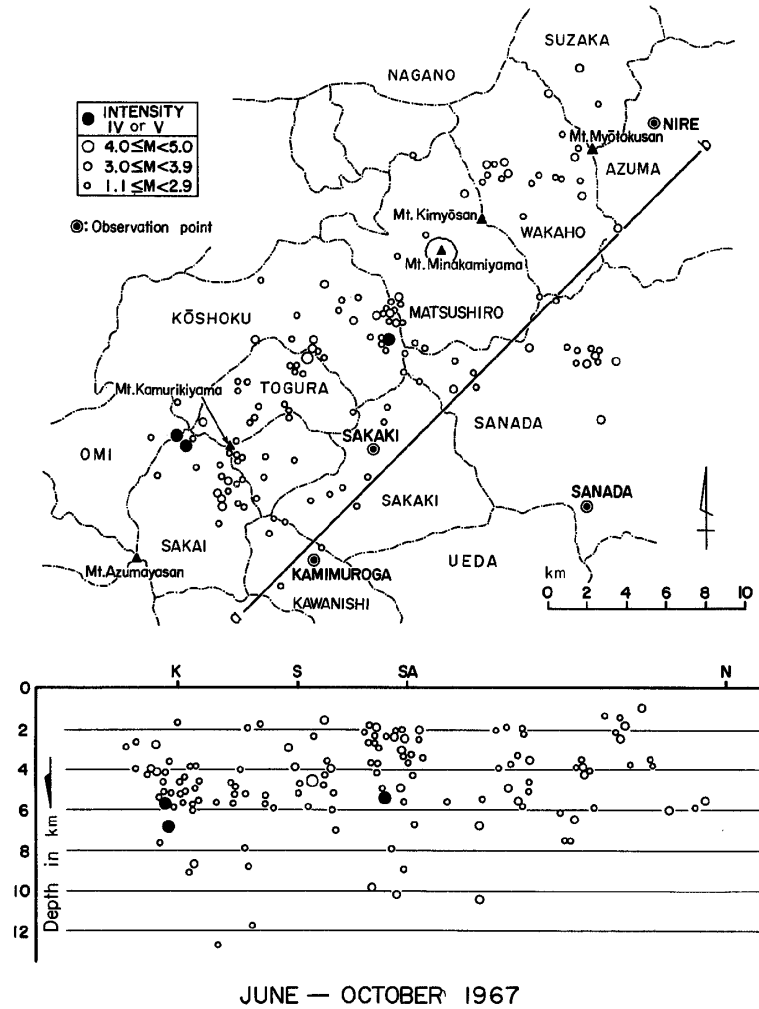


Fig. 7. Above: Epicentral distribution of the felt earthquakes during the period from June to October 1967.
 Below: Vertical distribution of the felt earthquakes during the period from June to October 1967.
 a-b: Plane of projection, K: Kamimuroga, S: Sakaki, SA: Sanada, N: Nire.

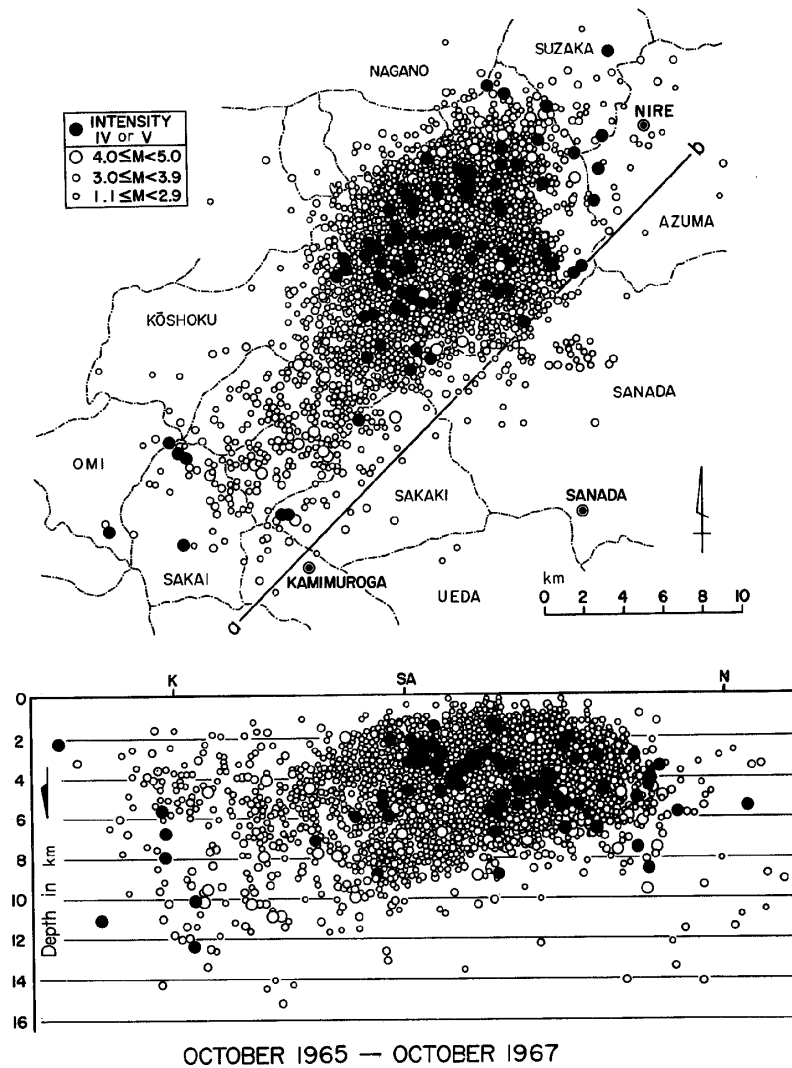


Fig. 8. Above: Epicentral distribution of the felt earthquakes during the period from October 1965 to October 1967.
Below: Vertical distribution of the felt earthquakes during the period from October 1965 to October 1967.
a-b: Plane of projection, K: Kamimuroga, N: Nire, SA: Sanada.

**Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966**

11

Oct. 1965

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		

1965 October

10	A	22.37	20.8	0.9	+		+0.3	10.6	25.2	5.6	3.9
	H	22.37	20.0	0.9			-1.2	15.3	10.6		
	Z	22.37	20.6	1.0	+			1.4	1.4		
11	A	04.28	25.8	0.9	+	-	+0.1	2.1	3.8	5.0	2.7
	H	04.28	24.8	0.7	+	+	+4.0	2.1	6.4		
	Z	04.28		1.0				0.2	0.2		
11	A	15.52	30.3	0.6	+		+0.1	1.1		4.7	2.5
	H	15.52	30.9	1.0	+	+	+1.5	4.3	5.7		
	Z	15.52	30.5	0.7	+		+	0.6	0.4		
12	A	14.05	25.5	0.7			+0.2	4.6	5.8	3.9	2.8
	H	14.05	25.7	0.9		-	+0.4	5.0	7.8		
	Z	14.05	25.6	0.7	+			0.4	0.6		
12	A	16.43	37.1	0.6	+	+	-0.2	0.6	4.3	4.1	3.1
	H	16.43	37.2	0.9	+	+	+1.0	5.4	12.0		
	Z	16.43	37.4	0.9	-	+	+0.2	0.8	1.4		
12	A	18.58	27.2	1.1	+	+	+0.2	5.0	9.0	4.7	3.2
	H	18.58	27.0	0.7			+0.1	5.2	10.8		
	Z	18.58	27.5	1.0				0.4	0.5		
12	A	22.26	22.7	0.7	+	+	+0.8	10.6	4.8	4.7	3.5
	H	22.26	22.8	1.0	+	+	+2.5	12.6	18.0		
	Z	22.26	22.6	0.8	-	+	-0.2	2.3	2.2		
13	A	01.04	31.2	0.6	+	+		3.1	4.2	3.9	2.7
	H	01.04	31.4	1.0	+		+0.9	4.5	6.0		
	Z	01.04	31.5	0.6	+	-	+0.2	0.6	0.5		
13	A	23.06	48.2	0.7		+		7.7	5.1	4.4	3.1
	H	23.06		0.9	+	+	+0.5	4.0	6.4		
	Z	23.06	48.6	0.7				0.8	0.8		
14	A	04.29	31.9	0.9	-			4.5	5.9	4.5	2.9
	H	04.29		0.7			+0.3	3.0	8.8		
	Z	04.29	32.2	0.8				0.4	0.5		
14	A	05.25	12.5	1.0			+	1.7	0.8	6.3	2.5
	H	05.25		0.9	-	-		5.0	8.6		
	Z	05.25	12.8	1.0				0.3	0.4		
14	A	23.43	47.2	1.0	-		-2.7	2.7	2.4	6.3	2.9
	H	23.43		1.0	+	+		5.7	8.9		
	Z	23.43	47.2	1.0	+	-		0.6	0.4		
15	A	18.15	43.1	0.9	+		+0.7	2.7	1.3	4.3	3.1
	H	18.15	43.0	1.2	+		-0.6	9.4	6.6		
	Z	18.15		0.6		+		2.0	1.4		
16	A	13.56	52.3	1.0	-	-		6.3	5.2	5.5	3.4
	H	13.56	52.0	0.8	-	-	+1.6	11.1	13.6		
	Z	13.56	52.6	1.0	-	+	-0.1	1.6	0.9		
16	A	13.59	26.0	1.0	+	-		5.2	4.0	5.9	3.2
	H	13.59	25.6	0.8	+	+	+	6.6	6.4		
	Z	13.59	26.1	1.1				0.6	0.4		
16	A	21.04		0.6			+	1.3	1.0	3.8	2.5
	H	21.04	45.9	0.9	+		+0.2	3.8	5.6		
	Z	21.04	45.9	0.6			-	1.2	0.8		
16	A	21.34	22.9	0.6			-2.1	0.4	0.1	4.0	2.6
	H	21.34	23.0	0.9	-	-	+1.2	4.0	7.2		
	Z	21.34	23.5	0.7	+	+	-0.1	0.6	0.6		
17	A	13.54	11.1	1.1	-	-	+7.9	11.8	8.3	1.9	4.0
	H	13.54	10.8	0.3	-	+	+4.8	25.4	14.1		
	Z	13.54	11.4	1.2	+	-	+0.8	4.0	3.2		
18	A	17.46	40.6	0.8			-	0.5	1.1	5.3	2.8
	H	17.46	41.0	1.4	-	-	+0.7	1.9	3.4		
	Z	17.46	40.4	1.1	-	+	+	1.1	1.0		
18	A	18.54	15.3	0.5	+			1.0	0.7	2.8	2.2
	H	18.54	15.2	1.7			+0.4	1.6	1.9		
	Z	18.54	15.6	0.7			-	0.7	0.7		
18	A	19.47	49.5	0.6	-		+	4.5	3.9	4.2	3.2
	H	19.47	50.0	1.0			+0.2	2.4	4.9		
	Z	19.47	49.9	1.0	+	-	+0.1	0.7	2.0		
18	A	20.01		0.6		-	+1.4	12.8		4.3	3.7
	H	20.01	59.6	0.9	+	-	+1.7	9.4	19.4		
	Z	20.01	57.7	0.8	-	+	+	3.0	4.4		
18	A	20.02	29.3	0.7	+		+0.5	3.6		3.5	3.0
	H	20.02	30.0	0.6				2.5	1.8		
	Z	20.02	30.3	1.0	+	-	-0.1	1.0	0.5		

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		

18	A	20.05	26.8	0.5	-	-	-0.1	7.1		3.5	2.9
	H	20.05	26.6	0.9	+	+	+0.8	4.4	4.4		
	Z	20.05	26.3	0.9	+		-	0.6	0.6		
18	A	20.14	58.8	0.5	-	+	-0.5	16.2	22.6	3.4	3.8
	H	20.14	59.6	1.0	+	+	+2.2	17.4	16.3		
	Z	20.14	59.9	1.0	-	+	-0.7	3.1	1.8		
18	A	20.41	14.2	0.6	-			2.5	1.1	4.0	2.7
	H	20.41	14.9	0.9			-	4.6	5.7		
	Z	20.41	15.2	0.7			-	0.8	0.6		
18	A	20.53	48.0	0.6	-				6.9	3.9	3.3
	H	20.53	48.7	0.9		+	+0.5	8.5	9.0		
	Z	20.53	48.7	1.0	-	+	-0.1	1.8	1.7		
18	A	21.11	32.2	0.5	+			1.2	0.9	2.9	2.3
	H	21.11	31.2	1.0	-	-		1.5	3.1		
	Z	21.11	30.9	0.5			+	1.0	1.0		
19	A	15.58	48.5	0.2		-	+	0.6	0.8	1.8	2.1
	H	15.58		0.9			+	3.0	3.5		
	Z	15.58	48.2	0.6	-		+0.2	1.0	1.4		
19	A	17.36		0.7	-	+	+0.3	1.5	3.7	4.8	3.0
	H	17.36	50.0	0.9	+	+	-1.7	3.3	7.6		
	Z	17.36	50.2	0.8	-	+	-0.2	1.0	1.1		
19	A	18.04		0.6				1.0	0.6	3.6	2.5
	H	18.04	30.3	0.8	-		+0.2	2.8	3.5		
	Z	18.04	30.2	0.6		-		1.1	1.2		
19	A	19.56	08.4	0.9	+	-	+2.0	8.0	6.3	5.7	2.7
	H	19.56	09.2	0.8	-		-	10.0	18.7		
	Z	19.56	09.3	1.0		-		0.8	0.8		
20	A	01.18	54.1	0.5	-			1.3	0.5	2.7	2.4
	H	01.18	54.4	1.1	-			2.0	3.6		
	Z	01.18	54.0	0.5	-		+0.8	1.0	1.0		
20	A	06.01	57.3	0.6		+	+1.0	1.1	1.5	3.8	2.6
	H	06.01	56.6	0.9	-	-	-	1.4	2.1		
	Z	06.01		0.7	+			1.0	0.6		
20	A	06.13	34.4	1.2		+	-	1.6	1.7	4.5	3.0
	H	06.13	35.4	1.2	+		+	1.8	1.2		
	Z	06.13	35.0	0.7	-	-		1.4	0.9		
20	A	14.05	21.0	0.6	-	-		1.5	4.1	4.4	2.6
	H	14.05	21.1	0.9	+	-	+0.3	0.6	0.5		
	Z	14.05	21.8	0.8	+			0.4	0.3		
21	A	06.07	20.5	0.5				1.8	1.9	3.6	2.3
	H	06.07	21.4	1.0			+0.7	2.2	3.0		
	Z	06.07	20.8	0.7	+			0.5	0.4		
21	A	06.36	33.0	0.7			+	0.5	0.1	3.2	1.9
	H	06.36		0.9	-		-0.2	1.2	1.6		
	Z	06.36	32.7	0.5				0.2	0.5		
21	A	10.39	22.7	0.8	+	-	-4.4	2.9	6.0	5.0	3.3
	H	10.39	23.7	1.2	+		+2.6	5.6	3.7		
	Z	10.39	23.1	0.8	+	-	-	2.7	1.4		
21	A	11.05	21.3	1.2			-	0.5	1.6	7.2	3.0
	H	11.05	21.3	1.2			+1.3	2.7	4.6		
	Z	11.05	21.5	1.0	-	+	-0.1	0.8	1.0		
21	A	11.16	48.0	0.7		+		0.2	0.3	2.2	1.6
	H	11.16		1.2	-		+0.2	1.2	1.2		
	Z	11.16	47.5	0.4				0.2	0.4		
21	A	12.49	39.3	1.0		+		0.2	0.3	3.5	2.1
	H	12.49		1.0	-		-	1.0	0.9		
	Z	12.49	39.3	0.5				0.3	0.9		
21	A	14.21	38.2	0.7	+			0.5	0.6	4.2	3.0
	H	14.21	38.7	1.2	-			1.2	1.9		
	Z	14.21	37.9	0.5				1.0	1.6		
21	A	19.07	21.5	0.7					0.9	4.2	2.6
	H	19.07	21.2	0.7	-	-	-	4.0	7.0		
	Z	19.07	21.1	0.9				0.6	0.5		
21	A	20.05	13.6	0.6				13.6	0.6	4.2	2.6
	H	20.05	14.0	1.1			+	14.0	1.1		
	Z	20.05	13.6	0.8	+			13.6	0.8		
21	A	20.21	33.7	0.6					0.2	3.2	1.5
	H	20.21	35.2	0.9	-		-	1.2	2.2		
	Z	20.21	34.2	0.5				0.2	1.4		
21	A	20.23	34.1	0.7		-	+1.0	3.4	3.7	4.3	2.8
	H	20.23	34.5	0.8	-	-	+0.2	3.4	5.3		
	Z	20.23	34.3	0.8	-	-		0.5	0.7		
21	A	23.10	44.7	0.9			+0.2		0.5	3.5	3.0
	H	23.10	45.2	1.2	+		+0.6	1.0	0.9		
	Z	23.10	44.7	0.8	-	-		0.8</			

Oct. 1965

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude		Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S						E	N	U		E-W	N-S					
22	A	00.00	17.6		0.6		+	+1.0		2.2				24	A	23.05	19.7	1.1	+	+	-0.2	3.0	3.2			
	H	00.00	17.9		0.9		+	+0.3	3.9	7.7	4.3	2.9	H		23.05	19.9	0.8	-		+0.2	3.5	6.6	6.2	2.8		
	Z	00.00	17.4		0.8	-	+	-0.2	1.6	2.0			Z		23.05	20.1	1.2			+0.2	0.3	0.3				
22	A	03.19	18.7		0.5		+	+0.4		4.5				24	A	23.53	10.8	0.6			-0.4			3.1		
	H	03.19	19.4		0.9	-		+0.7	3.5	0.7	3.6	2.9	H		23.53	11.1	1.1	-		+0.7	2.0	2.3	4.2	2.9		
	Z	03.19	19.5		0.7		-	-0.2	1.1	1.0			Z		23.53	10.5	0.8			-1.0	1.2	1.0				
22	A	03.26	52.9		0.8			-0.3		1.3				25	A	00.08	46.1	0.7			+0.2			12.5		
	H	03.26			0.8			+0.2	1.6	2.3	2.9	2.1	H		00.08	46.8	1.2			+1.0	4.6	5.9	4.3	3.5		
	Z	03.26	53.6		0.5		-		0.3	0.3			Z		00.08	46.1	0.8			+0.1	1.9	2.5				
22	A	03.30	02.9		0.6		-	+0.1		1.9				25	A	00.15	28.1	0.7			-0.6			7.5		
	H	03.30	03.7		0.8			+0.2	4.6	7.1	3.9	2.7	H		00.15	28.8	1.0			+0.4	2.7	3.2	5.9	3.3		
	Z	03.30	03.2		0.7	-		+	0.6	0.9			Z		00.15	28.5	1.0			-0.1	0.9	2.5				
22	A	03.30	15.5		0.5			-1.4		2.5				25	A	00.15	28.1	0.7			-0.6			7.5		
	H	03.30	15.5		0.9		+	+0.9	5.4	8.0	3.8	2.7	H		00.15	28.8	1.0			+0.4	2.7	3.2	5.9	3.3		
	Z	03.30	15.6		0.7		+		1.0	1.3			Z		00.15	28.5	1.0			-0.1	0.9	0.5				
22	A	03.45	48.4		0.5			-0.4		1.2				25	A	10.06	19.5	0.8			+1.7	11.0	14.0			
	H	03.45	49.4		0.9	+	+	+0.3	0.9	1.4	1.9	2.3	H		10.06	19.9	1.0			-0.6	1.6	3.9	5.9	3.1		
	Z	0.345	48.0		0.3	-		+0.2	1.6	1.1			Z		10.06	19.3	1.0			-0.5	2.4	2.0				
22	A	11.05	16.0		0.6			-0.5						25	A	11.21	57.2	0.8		+	+3.2		17.1			
	H	11.05	16.6		1.0	+		+1.2	5.2	7.2	3.3	3.4	H		11.21	57.7	1.1		+	+0.8	4.6	6.2	3.7	3.8		
	Z	11.05	16.0		0.5				1.9	3.2			Z		11.21	57.3	1.0	-	+	+0.8	2.4	1.7				
22	A	14.20	09.1		0.5		+			1.3				25	A	15.12	41.4	0.7			-0.1	1.8	1.6			
	H	14.20	09.6		1.0	+	+	+0.3	1.6	2.2	3.6	2.3	H		15.12	41.8	1.1			-0.1	4.0	4.0	4.7	2.9		
	Z	14.20	08.9		0.6	+		-0.2	0.6	0.7			Z		15.12	41.1	0.8			+0.3	1.5	1.5				
22	A	18.26	05.7		0.6			+1.6		4.1				25	A	17.40	30.9	0.7		+			3.2			
	H	18.26	06.4		1.0				2.2	2.4	4.4	2.9	H		17.40	31.6	1.0		+	+1.5	8.3	12.6	4.4	3.0		
	Z	18.26	06.0		0.8	-	-		0.8	0.4			Z		17.40	31.5	0.7			-0.1	1.6	1.2				
22	A	23.49	43.3		0.5	+		+		1.6				25	A	17.48	59.8	0.5			-0.2			3.5		
	H	23.49	44.1		0.8	+			1.3	1.3	3.5	2.5	H		17.48	60.5	1.2	+	-	+0.2	3.7	4.6	2.2	2.8		
	Z	23.49	43.2		0.7		+		0.3	0.2			Z		17.48						1.3	1.2				
23	A	02.55	26.2		0.6			+0.4		1.6				25	A	19.40	12.6	0.9			+0.2	6.0	5.3			
	H	02.55	27.3		0.7				1.4	0.8	3.6	2.1	H		19.40	13.1	1.2			-1.4	5.8	11.4	6.4	3.5		
	Z	02.55	26.5		0.8				0.2	0.2			Z		19.40	12.0	0.8			+0.1	3.4	4.0				
23	A	03.14	34.7		0.7		+	+1.6		5.8				25	A	19.55	01.1	0.8			+0.1	7.4	7.2			
	H	03.14	35.0		0.9	-		-0.1	1.3	1.6	4.8	3.0	H		19.55	01.9	1.2			-0.5	4.9	9.5	4.9	3.3		
	Z	03.14			0.9	+	-	-0.2	0.4	0.6			Z		19.55	01.3	0.8			+0.2	7.2	5.7				
23	A	06.28	49.4		0.7					0.9				25	A	21.45	26.7	0.7			-0.2	2.5	2.5			
	H	06.28	50.0		0.9	+		+	2.2	2.0	4.4	2.6	H		21.45	27.0	1.0	-		+0.8	4.4	4.5	3.9	2.9		
	Z	06.28	48.7		0.7		+	+0.2	0.9	1.6			Z		21.45	26.3	0.6			-0.2	1.4	2.0				
23	A	06.34	38.4		0.6					0.1				26	A	08.33	22.9	0.9			-0.1	0.8	0.5			
	H	06.34	38.7		0.8	+			1.4	1.7	2.7	1.5	H		08.33	23.2	0.9			+0.1	2.1	2.8	1.3	2.3		
	Z	06.34			0.5				0.4	0.4			Z		08.33	22.3	0.4			-0.1	0.6	1.0				
23	A	12.26	56.7		0.6					0.6				26	A	08.38	07.4	0.6				1.0				
	H	12.26	56.7		1.0	+		+0.3	0.7	1.4	4.0	1.8	H		08.38	07.8	1.0			-0.6	2.3	3.6	3.6	2.2		
	Z	12.26	57.2		0.6		-		0.1	0.2			Z		08.38	07.7	0.6			-0.1	0.4	0.5				
23	A	14.55	23.9		0.6			-0.3		4.5				26	A	10.23	50.6	0.8			+4.3	6.5	5.6			
	H	14.55	24.3		0.9	+	-	+0.3	6.0	9.3	3.3	3.0	H		10.23	51.0	1.0			-1.5	2.9	2.7	5.5	3.4		
	Z	14.55	23.7		0.5		-		2.2	2.6			Z		10.23	51.2	0.9			+0.2	2.2	1.4				
23	A	14.55	42.0		0.3		-	-0.2		0.2				26	A	12.35	18.2	0.6			-0.5	2.1	3.2			
	H	14.55	42.3		0.8		-	+0.1	1.3	2.0	2.2	1.8	H		12.35	18.9	0.9			+0.9	2.0	3.0	4.3	2.6		
	Z	14.55	41.2		0.6				0.4	0.3			Z		12.35		0.8			+0.2	0.3	0.5				
24	A	21.22	03.3		0.7	+	+	+0.2	1.1	1.5				26	A	17.45	46.7	0.8			+0.1	1.1	1.3			
	H	21.22	03.6		0.9			+0.4	1.8	2.6	4.6	2.4	H		17.45	47.4	1.2			+0.6	1.5	2.7	4.0	2.6		
	Z	21.22	03.4		0.7			+0.2	0.4	0.3			Z		17.45	46.9	0.6			+0.1	1.4	1.3				
24	A	00.18	51.8		0.5	+	+	+1.0	2.0	3.1				26	A	22.43	10.8	1.0			+1.0	1.6	1.0			
	H	00.18	52.2		1.0	+		-0.2	1.3	1.4	3.6	2.4	H		22.43	10.6	0.8			+0.9	2.0	3.3	5.1	2.5		
	Z	00.18	51.9		0.9	+	-	-0.2	0.6	0.5			Z		22.43	11.2	1.3			+0.1	0.2	0.2				
24	A	00.34	05.8		0.8	-			0.8	0.7				27	A	05.34	55.3	0.8			+0.2	5.1	3.1			
	H	00.34	06.0		1.0	+		+0.2	1.0	1.0	2.5	2.4	H		05.34	56.3	1.1			-0.3	5.9	4.3	3.7	3.2		
	Z	00.34	05.2		0.4			-0.2	1.7	1.4			Z		05.34	55.2	0.5			+0.2	1.9	3.0				
24	A	11.14	33.0		0.8		+	+	13.1					27	A	05.41	22.0	1.3			+0.1	0.6	0.6			
	H	11.14	33.7		1.0	+	+	+0.7	9.2	8.2	5.4	3.5	H		05.41	23.8	1.0			+0.2	2.5	3.3	3.0	3.0		
	Z	11.14	33.3		0.8	-		-0.4	1.2	1.3			Z		05.41	23.3	0.8			-0.1	0.3	0.3				
24	A	12.55	24.5		0.8	+		+0.4		3.0				27	A	07.17	41.5	0.9			+0.3	0.4	1.2			
	H	12.55	25.5		1.0	-		+0.2	1.4	1.6	5.0	2.5	H		07.17	41.5	0.8			-0.2	2.9	4.3	3.9	3.0		
	Z	12.55	24.7		0.7			-0.2	0.2	0.3			Z		07.17	41.9	0.7			+0.1	0.5	0.5				
24	A	15.36	23.3		0.6	+	+	+	3.9	4.6				27	A	08.24	02.3	0.3			+0.1	1.8	1.0			
	H	15.36	23.7		0.9	+		+0.9	3.9	5.1																

**Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966**

13

Oct. 1965 - Nov. 1965

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
27	A	21.49	51.3		0.6			+0.1	1.9	1.9		
	H	21.49	51.9		1.0			+0.7	1.9	4.2	4.2	2.6
	Z	21.49	51.7		0.7			-0.2	0.8	0.7		
27	A	23.07	03.7		0.6			+0.3	9.5	5.6		
	H	23.07	04.4		0.9			+0.3	1.7	5.6	4.1	2.9
	Z	23.07	03.9		0.9			+0.3	0.3	0.4		
28	A	03.19	08.0		1.2			+0.3	3.2	4.5		
	H	03.19	07.4		0.9			+0.5	6.4	3.5	6.6	3.5
	Z	03.19	08.7		1.2			-0.1	0.8	0.6		
28	A	10.47	30.2		0.7			+0.8	11.8	12.1		
	H	10.47	29.8		0.9			+0.8	3.6	11.4	5.1	3.1
	Z	10.47	30.1		0.9			-0.1	0.4	0.4		
28	A	21.15	41.1		0.8			+0.2	3.4	3.7		
	H	21.15	41.4		0.9			+0.3	1.2	3.0	5.0	2.7
	Z	21.15	40.1		0.9			+0.3	0.2	0.3		
28	A	22.12	08.9		1.0			+4.4	26.0	19.3		
	H	22.12	09.5		1.0			-4.2	13.2	14.1	5.8	3.7
	Z	22.12	09.6		0.9			-0.3	4.0	4.0		
28	A	22.19	23.4		0.7			+0.2	2.5	1.2		
	H	22.19	24.3		1.0			+0.3	2.0	2.7	4.8	2.6
	Z	22.19	23.6		0.8			+0.2	0.4	0.5		
28	A	23.11	35.7		0.9			+0.2	3.3	3.1		
	H	23.11	35.4		0.7			-0.2	5.0	2.0	2.4	2.7
	Z	23.11	36.1		0.6				0.5	0.2		
28	A	23.05	54.1		0.8			+0.2	0.4	1.0		
	H	23.05	52.8		1.0			+1.8	3.7	2.1	5.0	2.2
	Z	23.05	55.1		0.8				0.3	0.2		
29	A	07.44	16.4		0.5			+1.2		27.8		
	H	07.44	16.7		1.1			+0.3	9.9	14.2	3.1	3.3
	Z	07.44			0.8			+0.4	7.7	8.2		
29	A	07.51	61.7		1.2			+1.4		1.4		
	H	07.51	52.4		1.4			+2.6	6.6	10.7	2.4	2.8
	Z	07.51	53.6		1.0			+0.2	0.6	0.5		
29	A	08.41	20.5		0.7			+1.7	5.2	3.0		
	H	08.41	20.6		1.0			+4.3	8.1	14.0	4.8	3.2
	Z	08.41			0.8			-0.5	2.0	2.5		
29	A	09.04	35.0		0.6			+0.2	0.8	0.6		
	H	09.04	35.7		0.9			+1.0	2.0	3.1	4.3	2.0
	Z	09.04			0.6			-0.1	0.3	0.3		
29	A	12.16	44.2		0.6			-0.2	2.2	1.4		
	H	12.16	44.9		1.0			+0.2	2.1	2.6	3.7	2.7
	Z	12.16			0.6			+0.2	0.8	1.1		
29	A	12.53	41.2		0.6			+0.4	9.6	6.7		
	H	12.53	41.6		1.0			+0.4	3.7	5.3	4.5	3.0
	Z	12.53			0.9			-0.2	0.4	0.7		
29	A	13.20	51.5		1.2			+0.3	1.9	1.3		
	H	13.20	51.0		0.9			+1.5	2.5	4.5	6.0	2.8
	Z	13.20			1.2			-0.1	0.4	0.3		
29	A	13.20	56.7		1.2			+1.0	3.1	1.2		
	H	13.20	56.0		0.8			+2.1	2.7	4.9	6.2	3.4
	Z	13.20			1.2			+0.1	0.7	0.6		
29	A	16.14	35.8		0.7			+0.1	3.8	3.5		
	H	16.14	36.0		1.1			+0.9	5.5	7.2	4.6	3.2
	Z	16.14			0.8			+0.1	2.1	2.4		
29	A	17.48	42.3		0.6			+0.7	4.1	3.7		
	H	17.48	42.6		0.9			+0.4	1.5	3.6	4.2	2.4
	Z	17.48			0.8				0.2	0.2		
29	A	22.44	13.4		0.9			-0.3	3.5	1.1		
	H	22.44	13.8		1.1			+0.3	2.5	2.9	4.1	2.7
	Z	22.44			0.6			-0.1	0.4	0.6		
30	A	02.45	40.9		1.0				0.2	0.6		
	H	02.45	40.5		0.9			+0.4	2.3	2.9	6.2	2.9
	Z	02.45			1.0			+0.2	0.2	0.1		
30	A	05.17	26.2		0.5			-0.1	1.3	0.3		
	H	05.17	26.1		0.9			+0.6	1.9	3.6	3.7	2.0
	Z	05.17	26.1		0.8			+0.1	0.1	0.8		
30	A	11.38	38.4		0.6			+0.2	2.6	1.1		
	H	11.38	38.8		1.0			+0.7	1.9	3.3	4.4	2.3
	Z	11.38	38.7		0.9			+0.1	0.1	0.2		
30	A	14.48	13.9		1.1			+0.3	2.5	2.5		
	H	14.48	13.6		1.0			-0.6	3.6	4.0	5.6	3.5
	Z	14.48	13.8		0.9			-0.1	0.6	0.6		
30	A	22.42	56.1		0.5			+1.0	1.3	1.2		
	H	22.42	57.0		0.9			-2.5	4.0	2.9	2.0	2.6
	Z	22.42	57.5		0.4			+0.6	3.7	3.5		
31	A	00.48	25.6		1.2							
	H	00.48	24.8		1.1							
	Z	00.48	25.4		1.2			+0.2				
31	A	02.36	50.1		0.6			-0.3				
	H	02.36	50.0		0.9			+0.4				
	Z	02.36	49.5		0.7			-0.1				
31	A	03.53	09.7		0.6			+0.2				
	H	03.53	10.0		1.0			+0.3				
	Z	03.53	09.7		0.7			-0.2				
31	A	03.59	11.9		0.6			+0.6				
	H	03.59	12.1		1.0			+1.4				
	Z	03.59	12.3		0.9			-0.2				
31	A	12.27	22.2		0.7		+	-0.5				
	H	12.27	23.2		1.0		+	+3.8				
	Z	12.27	22.1		0.5		-	-1.0				
31	A	15.34	37.5		0.7		-	-				
	H	15.34	38.3		0.9		-	-				
	Z	15.34	38.3		0.4		-	-				
31	A	17.36	33.1		0.8			+0.5				
	H	17.36	31.4		1.0		+	-0.2				
	Z	17.36	32.9		0.4			+0.8				
31	A	21.39	16.2		0.6		+	+0.8				
	H	21.39	16.6		1.0		+	+2.1				
	Z	21.39	16.7		0.8		-	-0.2				
31	A	22.37	21.4		0.8			-				
	H	22.37	19.8		0.8			+1.1				
	Z	22.37	20.7		1.1		+	+0.2				
31	A	23.01	25.8		0.7			+0.2				
	H	23.01	25.7		0.6		-	-0.2				
	Z	23.01	26.0		0.9			+0.2				

1965 November

01	A	05.21	40.0	0.4	+	-	+	1.7				
	H	05.21	40.5	0.9	-	-	+0.4	0.8	1.9	2.6	2.0	
	Z	05.21	40.1	0.7	-		-0.2	0.3	0.3			
01	A	06.14	14.9	0.6			+1.2	9.3				
	H	06.14	16.2	0.9	+	+	+1.4	5.8	9.4	4.1	3.1	
	Z	06.14	15.5	0.7	-	+	+0.6	1.2	1.2			
01	A	17.34	14.2	0.5	+		+1.6	10.1	10.5			
	H	17.34	13.8	0.8	+	-		4.7	7.2	2.5	3.1	
	Z	17.34	13.5	1.0	-	-	-0.2	2.0	0.9			
01	A	18.36										
	H	18.36										
	Z	18.36										
01	A	21.51	06.2	1.2	+		+0.6	2.9	5.4			
	H	21.51	05.9	0.9	+	-	+0.6	2.8	1.9	6.5	3.3	
	Z	21.51	06.5	1.2	+		+0.2	0.6	0.3			
01	A	21.55	01.5	1.1	+	-	+2.0	5.6	10.9			
	H	21.55	01.1	0.8			+6.6	8.0	10.2	6.2	3.9	
	Z	21.55	01.7	1.1	+		+0.2	2.8	4.9			
01	A	21.55	35.6	1.1			+0.7	3.4	4.0			
	H	21.55	35.2	0.8	+		+1.4	3.2		6.5	3.1	
	Z	21.55	35.4	1.1	+		+0.4	0.4				
01	A	21.56	12.4	1.8	+		+1.0	5.8	9.4			
	H	21.56	12.1	0.8			+4.6	6.0	10.8	5.9	3.6	
	Z	21.56	12.6	1.1	+	-	+0.4	1.1	0.6			
01	A	22.39	23.9	1.2	+		+1.5		7.3			
	H	22.39	23.5	0.7			+5.5	6.0	9.0	5.4	3.7	
	Z	22.39	24.1	1.2	+	-	+0.6	2.0	1.0			
01	A	23.03	49.1	1.2			-0.4	1.9	2.2			
	H	23.03	49.2	0.7			+2.0	9.2	15.2	5.0	3.4	
	Z	23.03	09.1	1.2			+0.1	2.4	1.0			
02	A	00.23	15.5	0.3			-0.6	7.4	3.8			
	H	00.23		0.8		-	+0.2	6.3	10.6	1.4	2.9	
	Z	00.23	15.8	0.9	+	-	+0.2	1.0	1.1			
02	A	01.26	51.9	0.7	+		-0.3	4.5	11.5			
	H	01.26	52.6	0.5		+	+0.7	7.0	9.1	2.9	3.4	
	Z	01.26	52.5	0.8		+	-0.4	1.6	1.3			
02	A	01.28	26.0	0.6	-		+0.8	10.2	13.7			
	H	01.28	27.2	0.8			+	16.7	9.8	3.8	3.8	
	Z	01.28	27.0	0.9	-	-	+0.4	4.4	6.8			

Nov. 1965

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
02	A	04.50	22.2		0.8			+0.3		1.6		
	H	04.50	22.3		0.8	-	-	-1.2	2.9	3.8	1.6	3.0
	Z	04.50	21.7		0.4	-	-	-0.4	3.0	1.9		
02	A	05.02	06.6		0.5		+	-		46.0		
	H	05.02	07.2		1.0	+	+	+	17.5	38	4.0	4.2
	Z	05.02	06.8		0.8	-	+	+	13.0	12.0		
02	A	05.03	43.6		0.5			+1.4		17.9		
	H	05.03	44.1		1.0	+	+		10.4	15.7	3.3	3.6
	Z	05.03	43.7		0.8			+0.2	2.2	3.2		
02	A	05.05	38.3		0.3					0.8		
	H	05.05	39.3		1.0	-	-	+0.2	2.6	4.5	2.3	2.0
	Z	05.05	38.3		0.7			-0.1	0.8	0.6		
02	A	05.08	22.7		0.6			-0.3	2.1	1.8		
	H	05.08	24.6		1.0	-	+	+1.3	3.2	4.9	4.0	2.6
	Z	05.08	23.6		0.7	+		-0.2	0.8	0.9		
02	A	11.57	11.5		1.0		-	+0.5	0.2	1.5		
	H	11.57	11.3		0.6	-	-	-0.4	2.7	3.7	4.3	2.6
	Z	11.57	11.5		0.8			+0.1	0.6	0.4		
02	A	22.18	30.8		1.0			-		2.3		
	H	22.18	31.3		1.3	-		+1.7	4.8	3.5	5.8	3.1
	Z	22.18	30.5		0.8				1.6	1.8		
02	A	22.56	48.5		1.1		+			2.2		
	H	22.56	47.8		0.7			+2.0	2.3	5.3	4.2	2.5
	Z	22.56	48.4		0.9				0.1	0.2		
03	A	10.25	25.9		0.3					16.9		
	H	10.25	27.4		0.9	-	-	+0.2	10.9	15.0	2.5	3.6
	Z	10.25	26.7		0.6		+	-0.4		8.4		
03	A	10.39	04.5		0.6	-		+0.2		0.5		
	H	10.39	05.0		0.7	-		+0.3	2.8	4.1	3.2	2.2
	Z	10.39	04.8		0.7			+0.1	0.4	1.0		
03	A	10.50	12.0		0.6			+1.2		1.0		
	H	10.50	12.6		1.0			+0.2	1.6	2.3	2.8	2.3
	Z	10.50	11.9		0.5				1.0	1.3		
04	A	11.20	44.0		0.9		+		5.7	1.5		
	H	11.20	45.0		0.9			+0.4	1.4	1.8	5.7	3.2
	Z	11.20	44.3		1.0			+0.1	1.0	0.4		
04	A	11.35	17.6		0.8					0.2		
	H	11.35	18.1		0.8				1.1	1.8	3.6	1.5
	Z	11.35	17.1		0.6			-0.1	0.2	0.3		
04	A	14.08	40.3		0.5					1.8		
	H	14.08	40.8		1.1	-		-0.1	2.7	6.8	2.5	2.9
	Z	14.08	40.0		0.6			+0.1	4.8	4.4		
04	A	14.46	47.2		0.7			+0.5		0.2		
	H	14.46	47.8		1.1			+0.2	1.4	2.0	3.9	2.0
	Z	14.46	47.5		0.6			+	0.4	0.8		
04	A	16.42	15.5		0.8			-0.3		1.3		
	H	16.42	16.9		1.1	-		+0.4	3.0	4.2	4.0	2.9
	Z	16.42	16.1		0.6			+0.1	1.8	3.2		
04	A	18.39	44.4		1.2					1.4		
	H	18.39	44.0		0.8			+1.1	1.1	1.1	6.5	2.7
	Z	18.39	44.6		1.1				0.4	0.2		
04	A	19.53	15.1		0.5		-			9.4		
	H	19.53	15.4		0.8			+0.8	1.9	4.4	3.5	2.7
	Z	19.53	15.5		0.9			-0.3	0.4	0.3		
04	A	20.48	35.1		0.5			+1.0		5.2		
	H	20.48	35.4		1.1	-	+	+0.4	2.9	4.8	3.3	2.9
	Z	20.48	34.8		0.9	-	-	+0.3	0.7	0.9		
04	A	21.31	21.6		0.7		+	+1.6		6.1		
	H	21.31	22.3		0.8			+0.1	2.6	2.8	4.5	2.9
	Z	21.31	21.9		0.9			-0.2	0.5	0.4		
04	A	23.45	48.7		0.5		-	-1.0		33.0		
	H	23.45	49.2		1.0	+0.6	+1.0	+8.1	23.0	34.0	3.7	4.6
	Z	23.45	48.7		0.8			-0.4	30.0	35.0		
05	A	00.23	13.8		0.7		-	-0.7		1.0		
	H	00.23	14.6		1.0				1.3	2.1	4.7	2.7
	Z	00.23	13.4		0.8		-	+0.7	1.8	1.3		
05	A	01.14	43.5		0.8			-0.4		1.7		
	H	01.14	44.0		1.1			+0.4	2.8	3.4	4.1	2.5
	Z	01.14	43.2		0.6			+0.4	0.6	0.9		
05	A	08.39	02.8		1.2					0.9		
	H	08.39	03.9		1.0			+0.4	1.1	2.0	4.9	2.8
	Z	08.39	02.8		0.9				0.6	0.8		
05	A	13.38	42.2		0.5					2.2		
	H	13.38	43.2		1.0	-	-	+0.6	5.6	3.8	3.3	3.0
	Z	13.38	42.7		0.6			-0.3	3.6	4.4		
05	A	14.48	43.0		0.8							
	H	14.48	45.1		1.1							
	Z	14.48			0.5							
05	A	15.20	48.5		0.9		+	+		4.3		
	H	15.20	49.6		1.2			+0.4	1.0	0.8	6.0	3.2
	Z	15.20	48.7		0.9				1.5	1.4		
05	A	16.36	32.5		0.5					0.8		
	H	16.36	33.8		1.1				1.4	1.2	2.5	1.9
	Z	16.36	33.0		0.6			+0.4	0.2	0.4		
05	A	20.17	10.6		0.6			+0.2		2.3		
	H	20.17	11.5		0.9			+0.6	2.3	2.7	3.8	2.4
	Z	20.17	11.1		0.7				0.5	0.4		
05	A	20.17	43.5		0.6					0.8		
	H	20.17	44.4		0.9			+1.0	1.9	2.4	3.6	1.8
	Z	20.17	43.9		0.6				0.2	0.2		
05	A	21.13	04.2		0.7					2.7		
	H	21.13	05.3		1.1	+	-	+0.9	3.1	1.6	4.5	2.7
	Z	21.13	04.7		0.7				0.8	0.6		
05	A	22.15	50.6		0.7			-		0.4		
	H	22.15	51.2		1.0				3.1	3.9	3.6	1.9
	Z	22.15	50.7		0.5			-0.2	0.3	0.4		
06	A	00.11	41.0		0.2					0.8		
	H	00.11	41.5		1.0			+0.3	1.6	2.0	1.2	1.6
	Z	00.11	41.0		0.6				0.4	0.4		
06	A	04.32	19.2		0.6			-0.2		0.5		
	H	04.32	21.1		1.0			-0.1	2.2	2.2	3.7	1.9
	Z	04.32	20.3		0.6			+0.4	0.5	0.6		
06	A	07.57			0.5			+0.9		4.2		
	H	07.57	25.4		0.9	-	-	-2.7	3.7	4.9	1.5	3.0
	Z	07.57	25.3		0.3	-		-0.6		6.3		
06	A	07.57	34.6		0.5			+2.8		6.2		
	H	07.57			1.0			+0.4	3.0	5.0	3.7	2.7
	Z	07.57	35.8		0.8	+	+	-0.4	0.6	0.5		
06	A	08.15			0.4			+		0.8		
	H	08.15	21.5		0.9	-		+0.3	2.3	3.0	2.3	1.9
	Z	08.15	21.1		0.6				0.5	0.6		
06	A	16.29	36.7		0.8	+	+		8.1	11.8		
	H	16.29	37.4		1.0			-	10.7	16.3	5.0	3.6
	Z	16.29	37.2		0.7				1.3	3.0		
06	A	17.31	52.2		0.9	+	+		2.5	1.7		
	H	17.31	52.6		1.1	+	+	+	5.7	9.1	3.6	3.2
	Z	17.31	52.0		0.5				3.6	4.0		
06	A	18.21	17.1		0.9	+			14.6	22.2		
	H	18.21	17.4		0.9	-		+	10.1	8.2	5.6	3.8
	Z	18.21	17.6		0.9	-		+	2.7	2.8		
06	A	18.23	16.2		0.6	+	+	+	7.8	6.8		
	H	18.23	17.0		1.0	+	+		4.0	4.8	4.5	3.0
	Z	18.23	17.3		0.9				0.4	0.6		
06	A	18.36	10.1		0.7	+	+	+	3.2	2.5		
	H	18.36	10.2		0.9	-	-	+	3.4	3.8	2.0	3.1
	Z	18.36	09.7		0.3	-			6.2	3.7		
06	A	19.02	38.3		0.9		-	-	7.2	13.0		
	H	19.02	38.4		0.9	+	-	+	3.5	5.3	5.3	3.4
	Z	19.02	38.6		0.8	-		+	0.8	0.6		
06	A											

**Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966**

15

Nov. 1965

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
07	A	13.53	59.2		1.1				3.5	4.1		
	H	13.54	00.7		1.0		+		2.6	4.2	5.1	3.6
	Z	13.54	00.3		0.8							
07	A	14.08	12.9		1.2	+	-	+	2.2	3.8		
	H	14.08	12.5		0.8		+	+		12.0	5.8	3.7
	Z	14.08	13.0		1.2			+				
07	A	17.28	53.6		1.3	+		+	2.2	2.9		
	H	17.28	53.2		0.9		+	+	6.8	3.6	6.4	3.5
	Z	17.28	53.9		1.2			+				
07	A	20.27	45.0		0.7				5.2	4.6		
	H	20.27	45.7		0.9		+	+	2.3	3.1	3.3	3.4
	Z	20.27	46.0		1.2			-				
07	A	21.42	50.3		0.7	+	+	-	6.6	6.9		
	H	21.42	51.3		0.9			+	1.8	4.3	4.8	3.6
	Z	21.42	51.2		1.0			-				
08	A	11.38	37.8		1.2				2.1	1.3		
	H	11.38	38.5		1.1			+	1.8	3.3	2.9	3.1
	Z	11.38	37.9		0.7				1.0	1.8		
08	A	12.38	09.8		0.8	+	-	+	31.7	17.2		
	H	12.38	10.5		1.2		+	+	11.6	14.8	5.8	4.3
	Z	12.38	10.4		0.9	-	+	-	7.0	4.2		
08	A	12.39	53.4		1.0			+		13.6		
	H	12.39	54.1		1.0			+	2.5	4.0	5.9	3.5
	Z	12.39	54.0		0.9		+	-	0.8	0.8		
08	A	17.36	01.3		1.2		-	+		4.0		
	H	17.36	01.0		0.8			+	10.2	15.6	6.2	3.8
	Z	17.36	01.8		1.2				5.6	1.9		
08	A	18.27	08.6		1.1			+		2.3		
	H	18.27	08.9		0.8			+	5.3	8.4	6.0	3.1
	Z	18.27	09.6		1.2				1.0	0.6		
08	A	20.15	43.3		0.9	+	+	-	11.2	11.4		
	H	20.15	43.7		1.1	+	+	+	13.9	21.1	4.0	4.0
	Z	20.15	43.4		0.6				10.8	14.2		
08	A	23.18	34.1		1.1	-	+		4.1	6.0		
	H	23.18	34.1		1.0	-		+	4.4	3.4	7.1	3.4
	Z	23.18	34.6		1.2				0.9	1.1		
09	A	01.40	50.3		0.8	-	+		2.8	3.4		
	H	01.40	50.8		1.0	+	+	+	7.0	11.0	4.2	3.6
	Z	01.40	50.7		0.6	-	+		10.8	3.2		
09	A	05.32	02.4		0.9	+		-	1.8	1.1		
	H	05.32	03.2		1.0				4.4	7.3	2.6	2.7
	Z	05.32	02.5		0.4					1.5		
09	A	06.02	46.9		1.0	+		+	8.4	7.2		
	H	06.02	47.6		1.0				3.6	5.3	6.2	3.1
	Z	06.02	47.5		0.9					0.4		
09	A	08.11	29.2		1.3	+		-	1.9	1.8		
	H	08.11	28.5		0.9		+	+	9.8	4.6	5.7	2.9
	Z	08.11	29.4		1.2					0.4		
10	A	00.27	07.9		0.5				1.2	1.0		
	H	00.27	08.4		0.9	+		+1.0	2.8	4.9	3.6	2.2
	Z	00.27	08.5		0.8			+0.1	0.3	0.5		
10	A	00.39	06.3		0.6			-0.1	2.5	4.0		
	H	00.39	07.1		0.9	+	+	+1.0	3.8	5.6	4.0	3.1
	Z	00.39	06.8		0.7			+0.1	2.0	1.8		
10	A	01.31	56.9		0.6			+0.3	5.1	11.8		
	H	01.31	55.6		1.1	+	+	+1.3	11.0	13.6	3.9	3.7
	Z	01.31			0.7		+	-0.2	5.6	7.0		
10	A	00.49	46.8		0.7			-0.2	1.3	0.9		
	H	00.49			0.8	+			7.3	10.5	3.2	2.4
	Z	00.49	46.4		0.5			+0.1	0.4	0.8		
10	A	04.38	33.5		0.6			+0.9	2.2	4.5		
	H	04.38	33.5		0.9	+		+0.7	2.4	5.2	2.2	2.9
	Z	04.38	33.4		0.3	+		+0.6	3.4	3.2		
10	A	04.58	27.8		0.5			-1.6	3.4	6.4		
	H	04.58	28.9		0.9	+	+	+0.3	4.5	7.9	1.1	3.3
	Z	04.58	27.7		0.2		-	+3.4	6.8	4.5		
10	A	07.05	17.0		0.4			-	5.0	3.2		
	H	07.05	17.3		0.9	+		+0.2	3.3	6.1	2.6	2.5
	Z	07.05	17.0		0.7			+0.3	0.5	0.4		
10	A	07.07	53.9		0.4			-1.2	4.4	7.2		
	H	07.07	58.3		1.1			+0.7	2.7	5.5	2.8	2.9
	Z	07.07	58.9		0.7			+0.6	1.0	0.5		
10	A	07.52	39.9		0.7			+0.3	6.4	5.3		
	H	07.52	40.8		0.9	-	-	+0.6	2.1	1.6	4.6	2.8
	Z	07.52	40.7		0.8	+		+0.3	0.4	0.2		

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude	
		h	m	s		E	N	U	E-W	N-S			
10	A	13.41	44.3		0.6				+0.6	4.7	18.2		
	H	13.41	44.8		0.7	-	+	-0.2	9.9	10.4	3.7	3.5	
	Z	13.41	44.9		0.9	-	+	-0.4	1.5	0.6			
10	A	14.05	06.8		0.8					9.0	9.8		
	H	14.05	07.3		1.0	-		+1.1	2.4	2.8	5.5	3.5	
	Z	14.05	07.4		1.0			-0.2	2.1	1.9			
10	A	19.55	22.7		0.7			+0.3	1.2	1.2			
	H	19.55	23.1		1.0	-	-	+0.7	4.4	5.6	4.5	2.6	
	Z	19.55	23.1		0.8			-0.3	0.8	1.3			
10	A	21.22	24.4		0.7				0.5	0.9			
	H	21.22	24.3		0.8			+1.0	3.8	4.2	4.1	2.3	
	Z	21.22	25.0		1.0				0.1	0.2			
11	A	01.49	09.3		0.5			-0.3	4.9	2.3			
	H	01.49	09.9		0.9	-	-	+0.6	1.4	1.4	3.7	2.8	
	Z	01.49	09.8		0.8	-	+	-0.2	0.4	0.6			
11	A	04.11	38.6		0.8			-0.2	1.7	1.3			
	H	04.11	39.4		1.2	+	+	-0.4	3.0	4.4	3.9	2.7	
	Z	04.11	38.5		0.6				1.0	1.2			
11	A	12.49	17.4		0.6			-0.6	3.8	3.9			
	H	12.49	17.9		0.9	+	+	+1.6	9.6	12.0	3.9	3.3	
	Z	12.49	17.2		0.7	-	+	-0.3	3.8	6.4			
11	A	12.53	58.9		0.6	-		-0.2	0.8	1.2			
	H	12.53	59.4		0.9	+	-	+0.4	2.2	2.6	3.6	2.4	
	Z	12.53	59.0		0.6				0.6	0.8			
11	A	13.04	33.2		0.5	-	+	+	17.5				
	H	13.04	33.7		0.7	+	+	+0.4	14.0	14.4	3.1	3.9	
	Z	13.04	33.4		0.9		+	-0.4	8.9	10.3			
11	A	15.03	39.5		0.6				5.5	6.4			
	H	15.03	40.1		0.8			+0.3	2.4	3.4	3.8	2.9	
	Z	15.03	39.8		0.9	-			0.5				
11	A	17.17	34.5		0.5			-0.1	2.5	3.6			
	H	17.17	34.9		0.9	-		+1.2	1.7	2.4	3.6	2.8	
	Z	17.17	34.8		0.7	-			1.0				
11	A	18.18	07.1		0.5	-			4.9	2.2			
	H	18.18	07.7		0.5	+	+	+1.3	0.3	0.3	1.7	2.6	
	Z	18.18	07.3		0.7	-			0.5				
11	A	18.48			0.7		-	+0.6	1.1	0.7			
	H	18.48	51.0		0.9	-	+	-2.3	3.9	3.0	1.9	2.7	
	Z	18.48	50.2		0.3	+			4.9				
11	A	22.15	24.3		0.7				0.4	0.7			
	H	22.15	24.5		0.8			-0.7	2.2	1.4	2.4	2.2	
	Z	22.15	24.2		0.4				1.3				
11	A	22.51	50.9		0.9			+0.6	5.8	9.8			
	H	22.51	51.5		1.0	+	+	+1.6	8.3	8.6	6.0	3.3	
	Z	22.51	50.8		0.9				4.0				
11	A	23.01	31.9		1.1	-	-	+0.9	5.9	3.9			
	H	23.01	31.8		0.8		+	+0.6	4.1	6.6	5.9	3.0	
	Z	23.01	32.4		1.2				0.3				
12	A	04.33	27.2		0.6	-	+	-0.3	2.4	2.5			
	H	04.33	27.8		1.0			+0.4	3.0	3.9	3.3	2.6	
	Z	04.33	27.0		0.5				1.0				
12	A	07.41	09.9		1.0				1.7	1.6			
	H	07.41	10.2		1.2			+0.3	1.3	0.9	4.9	2.9	
	Z	07.41	09.7		0.7				1.6				
12	A	08.10	50.7		0.8								

Nov. 1965

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
Date	Station	h	m	s	S-P (sec)	E	N	U	E-W	N-S	Depth (km)	Magnitude
13	A	17.41	10.0		0.5			-0.3	5.7	6.5		
	H	17.41	10.3		0.9			+0.2	4.8	6.4	2.9	3.2
	Z	17.41	10.1		1.0	-	+	-0.3	1.5	1.3		
13	A	23.14	33.5		0.4				41.0	71.0		
	H	23.14	33.3		0.9	+	+	+3.8	49.5	31.0	2.9	4.5
	Z	23.14	33.1		0.7	+		+0.4	18.0	13.0		
13	A	23.35	23.0		0.6			+0.6		2.7		
	H	23.35	23.6		1.1			+0.7	4.3	5.3	3.8	2.9
	Z	23.35	23.2		0.7	-	+	+0.2	2.3			
14	A	08.29	34.7		0.7					0.8		
	H	08.29	34.7		0.8	+		-2.1	1.9	0.6	2.1	2.4
	Z	08.29	34.0		0.4			-0.2	1.9	1.1		
14	A	08.34	01.0		0.7			+0.6		15.7		
	H	08.34	01.6		1.1	+	+	-0.9	12.0	15.0	5.0	3.8
	Z	08.34	00.0		0.8	-	+	-1.3		4.4		
14	A	12.31	29.7		0.6			+2.2	8.0			
	H	12.31	30.3		1.0	-	+	+1.5	1.3	2.0	4.1	2.9
	Z	12.31	30.1		0.8			-0.2	0.6	0.5		
14	A	13.32	31.7		0.7	+		+0.5	5.9			
	H	13.32	32.3		1.0	+	+	+4.8	5.1	4.4	4.8	3.3
	Z	13.32	32.1		0.8	-		-0.9	2.5	1.9		
14	A	23.56	08.5		0.6			+0.7	2.9	3.4		
	H	23.56	08.4		0.7			+1.0	3.3	3.0	3.2	2.6
	Z	23.56	08.3		0.8			-0.2	0.4	0.5		
15	A	01.09	49.9		0.7		-	+0.7	2.9	2.2		
	H	01.09	49.8		0.9	-	+	+3.2	3.0	2.2	2.1	3.1
	Z	01.09	49.2		0.3	+	+	+1.6	6.2	5.6		
15	A	01.42	05.4		0.7			+0.6	1.2	0.6		
	H	01.42	05.4		0.8	-	+	-1.0	2.2	1.7	1.7	2.7
	Z	01.42	04.8		0.4	+		+0.4	4.1	3.8		
15	A	01.45	00.5		0.4			+1.7	10.0	10.7		
	H	01.45	00.9		0.8		+	+3.4	8.0	6.6	2.8	2.8
	Z	01.45	00.9		0.7	-		-0.3	0.4	0.6		
15	A	09.23	06.6		0.6			+0.2	6.4	8.3		
	H	09.23	07.2		0.8		+	-3.2	3.0	6.2	4.1	3.0
	Z	09.23	07.0		0.8	-	+	-0.2	0.4	0.7		
15	A	13.44	32.5		1.2			+0.7	1.8	4.0		
	H	13.44	32.6		0.8		+	+4.5	4.6	4.6	5.9	3.2
	Z	13.44	33.1		1.2			+0.1	0.7	0.4		
15	A	15.35	03.4		0.7		-	+	3.9	5.8		
	H	15.35	04.3		1.1		+	+	3.0	2.8	4.8	3.1
	Z	15.35	03.4		0.8		+	+	1.3	1.2		
16	A	00.18	21.2		0.3	-	+	+		68.0		
	H	00.18	20.8		0.94	+	+	+	25.0		4.5	2.2
	Z	00.18	21.1		0.75	-	-	+	14.4	25.0		
16	A	07.19	22.5		0.9		-	+		3.6		
	H	07.19	22.7		0.8	-		-	8.4		1.2	3.6
	Z	07.19	21.9		0.4			-	14.9	13.7		
16	A	12.37	20.7		0.5	-	-	+	3.0	6.2		
	H	12.37	21.5		0.8			+	3.3	4.9	3.3	2.8
	Z	12.37	21.3		0.7	-		-	0.3	0.7		
16	A	21.35	44.3		0.7	-		+	0.9	1.5		
	H	21.35	44.3		0.9				3.5	2.7	4.7	2.9
	Z	21.35	43.9		0.8				2.4	1.5		
17	A	21.12	08.9		0.7	+	-	-	3.8	3.5		
	H	21.12	09.1		1.2	+	+	+	8.5	12.5	4.5	3.6
	Z	21.12	08.7		0.7	+	-	+	6.0	10.5		
17	A	21.54	44.2		0.8		+	+	1.8	2.0		
	H	21.54	44.7		0.9				3.0	4.2	4.4	2.8
	Z	21.54	44.6		0.7			-	1.3	1.1		
17	A	23.31	33.6		0.8	-		-	0.8	0.6		
	H	23.31	34.0		1.0	-		+	2.0	3.4	3.7	2.5
	Z	23.31	33.4		0.5			+	0.5	1.9		
17	A	23.32	03.2		0.8	-	+	-	0.7	0.5		
	H	23.32	03.1		1.1			+	2.2	4.5	3.7	2.3
	Z	23.32	04.0		0.5	-		+	0.4	1.0		
18	A	01.53	52.0		1.0			-	2.1	1.3		
	H	01.53	57.5		1.2			+	2.4	3.4	4.3	2.8
	Z	01.53	57.0		0.6				1.0	1.0		
18	A	05.59	10.0		0.9	+		-	1.4	1.4		
	H	05.59	10.4		1.3	-		+	3.0	3.4	3.8	2.8
	Z	05.59	09.8		0.7				0.8	1.3		
18	A	17.51	38.3		0.8	-		+	3.6	3.5		
	H	17.51	38.7		1.0	-	-	+	2.7	5.1	3.7	3.1
	Z	17.51	38.2		0.5			-	2.5	2.0		
18	A	18.14	53.7		0.5			+				
	H	18.14	54.5		1.0	+	+	+	15.5	14.0	4.3	3.6
	Z	18.14	54.4		0.7	i		+	10.0	12.0		
18	A	18.39	21.5		0.8	-	-	+	10.0	5.5		
	H	18.39	22.2		1.0		+	+	3.4	3.2	4.9	3.5
	Z	18.39	22.1		0.7				2.7	1.7		
18	A	20.55	33.4		0.8			+	59.4	32.7		
	H	20.55	34.0		0.9			+	1.9	4.4	5.4	4.0
	Z	20.55	34.0		0.9	-		-	2.8	1.4		
19	A	00.55	25.9		0.7			+	1.4	1.5		
	H	00.55	26.3		1.0			+	2.0	2.6	4.5	2.5
	Z	00.55	26.0		0.7			-	0.8	0.7		
19	A	01.03	44.3		0.6			-	2.8	2.7		
	H	01.03	44.5		1.1			+	2.2	2.8	3.3	2.9
	Z	01.03	44.2		0.6			+	1.2	1.6		
19	A	05.12	18.6		1.0	+	+	+	7.7	18.0		
	H	05.12	19.5		1.0				2.8	6.4	6.1	4.1
	Z	05.12	13.9		0.9			-	2.9	6.0		
19	A	09.22	23.4		0.7			-	1.4	1.2		
	H	09.22	23.9		0.9			+	2.0	3.6	3.7	2.4
	Z	09.22	23.5		0.6			-	0.4	0.7		
19	A	20.46	48.7		0.8	-		-	13.0	10.4		
	H	20.46			1.1	+	+	+	7.6	11.0	4.4	4.0
	Z	20.46	48.2		0.6			-	15.3	14.4		
20	A	00.14	34.1		0.7			+	2.8	2.3		
	H	00.14	34.0		0.9			+	2.6	3.6	3.8	2.5
	Z	00.14	34.1		0.6			-	0.4	0.5		
20	A	04.01	01.1		0.9	-	+	+	2.2	2.1		
	H	04.01	00.9		0.8			-	6.2	5.0	1.2	3.2
	Z	04.01	00.6		0.6	+		+	2.7	5.8		
20	A	05.53	26.5		0.6	-			1.5	2.1		
	H	05.53	27.2		1.0			+	2.5	3.4	4.1	2.4
	Z	05.53	26.8		0.8				0.3	0.4		
20	A	08.34	49.0		0.6	-	+	-	3.2	1.2		
	H	08.34	49.4		1.0			-	1.1	3.2	2.9	3.0
	Z	08.34	48.3		0.5			+				
20	A	16.38	45.0		0.6				2.6	1.6		
	H	16.38	45.0		1.0	-		+0.5	3.8	4.5	3.6	2.8
	Z	16.38	43.3		0.6				1.6	1.3		
20	A	20.59	39.8		0.6	+			2.5	4.3		
	H	20.59	40.1		1.0	-	+	+1.0	2.4	3.4	4.1	3.4
	Z	20.59	40.0		0.7				1.1	7.5		
21	A	03.30	34.5		0.5				71.4	66.5		
	H	03.30	35.4		1.1	+	+	+1.6	34.0	25.0	2.7	4.7
	Z	03.30	37.3		0.6							

**Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966**

17

Nov. 1965

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
22	A	07.13	27.2		0.5				7.3	6.6		
	H	07.13	27.9		0.9		+	+0.4	4.9	3.8	3.4	2.8
	Z	07.13	27.3		0.8				0.6	0.5		
22	A	21.09	14.7		0.6			+0.7	50.5	50.0		
	H	21.09	15.5		1.1	+	+	+1.9	36.0		3.7	4.8
	Z	21.09	14.6		0.6		+	-1.8	25.0	46.0		
22	A	22.20	15.0		0.7			+	0.6	2.1		
	H	22.20	16.0		1.0	+	+	-0.6	4.5	7.0	4.2	3.1
	Z	22.20	15.3		0.6	-	+	-1.2	4.3	2.0		
22	A	22.30	04.9		0.6		+		25.0	40.0		
	H	22.30	05.8		1.2	+	+	-	31.0	31.0	3.2	4.7
	Z	22.30	04.6		0.6			+2.8	29.0	41.0		
22	A	23.37	05.0		0.8	-		-0.7	1.3	2.2		
	H	23.37	05.8		1.0			-0.4	2.8	3.4	2.2	2.8
	Z	23.37	04.3		0.3			+0.7	2.3	2.8		
22	A	23.37	16.7		0.7	-	+	-0.3	3.5	3.1		
	H	23.37	17.7		1.3			+0.1	1.7	3.4	1.7	2.6
	Z	23.37	16.3		0.5			+0.4	0.5	0.8		
22	A	23.38	50.2		0.6			-0.2	5.1	3.8		
	H	23.38	50.8		1.0	+	+	2.4	6.8	11.0	3.3	3.5
	Z	23.38	49.7		0.5	+	+	-0.9	6.4	9.2		
23	A	01.59	23.3		0.8	-		+2.6	6.3	7.9		
	H	01.59	24.6		0.8			+0.4	2.0	3.0	4.3	3.4
	Z	01.59	23.7		0.7	-	+	-1.0	2.2	0.9		
23	A	02.31	14.4		0.5			-0.9	5.0	3.6		
	H	02.31	15.2		1.0	-	-	+0.1	3.3	4.2	2.3	2.8
	Z	02.31	14.1		0.4			+	1.8	1.1		
23	A	02.31	33.9		0.7	-			3.3	2.1		
	H	02.31	34.7		1.0	-		+0.2	3.1	5.0	4.0	3.2
	Z	02.31	33.7		0.6			+0.4	2.0	4.8		
23	A	02.46	45.5		0.7			-1.1	2.8	2.7		
	H	02.46	46.0		1.1	-		+0.4	3.7	6.8	3.7	2.9
	Z	02.46	45.1		0.6	+	-	+0.5	1.2	1.7		
23	A	02.57	41.3		0.6	-	+	+		53.0		
	H	02.57	42.3		1.1	+	+	+3.4	38.0	52.0	2.5	5.0
	Z	02.57	41.2		1.5	+	+	-		41.6		
23	A	04.12	36.9		0.6	-	+	-0.5	2.5	3.8		
	H	04.12	37.9		1.1	+	+	+0.2	4.8	5.5	3.5	3.1
	Z	04.12	36.8		0.6	-	+	+0.4	2.4	3.1		
23	A	04.58	33.5		0.7			-0.9	1.5	2.8		
	H	04.58	34.6		1.2	-		+0.2	2.4	5.0	2.1	2.6
	Z	04.58	33.3		0.4		-	+0.9	1.0	1.3		
23	A	09.56	31.9		0.8			-0.3	2.5	1.9		
	H	09.56	32.8		1.0				5.6	6.0	4.3	3.0
	Z	09.56	32.0		0.6				3.0	1.1		
23	A	14.36	12.6		0.7	-		-0.5	4.6	4.1		
	H	14.36	13.8		1.0			+0.1	2.1	3.0	2.7	2.9
	Z	14.36	12.4		0.4	+		-1.0	2.8	1.2		
23	A	18.20	54.4		1.0		-	+1.6	12.9	14.1		
	H	18.20	55.7		1.2				5.4	7.8	6.6	3.8
	Z	18.20	54.7		1.0	+		-0.3	2.8	1.2		
23	A	19.51	22.0		0.8		+	+3.8	38.0	23.0		
	H	19.51	23.0		1.0			-0.8	2.8	4.0	5.5	3.7
	Z	19.51	22.6		1.0	-	+	-0.5	0.9	0.5		
23	A	21.29	03.3		0.6		+	-0.7	8.9	9.7		
	H	21.29	04.6		1.1	+	+	+1.8	6.4	7.2	3.9	3.2
	Z	21.29	03.7		0.7	+	-	+0.5	1.4	1.0		
23	A	22.49	35.6		0.7		+	-0.3	0.6	1.1		
	H	22.49	36.0		1.0				1.8	2.8	2.9	2.2
	Z	22.49	35.0		0.4	+	+	+0.5	0.4	0.8		
24	A	06.05	42.6		0.6	+		+0.8	3.5	4.0		
	H	06.05	43.6		1.0			+0.9	2.8	3.0	4.4	2.7
	Z	06.05	42.9		0.8	+		+0.2	0.7	0.7		
24	A	07.01	08.8		0.6			+0.3	12.6	20.0		
	H	07.01	10.0		0.8				3.0	3.4	4.1	3.5
	Z	07.01	09.8		0.8	-	+	-	1.3	0.5		
24	A	08.45	51.5		0.7	-		+3.5	8.1	6.5		
	H	08.45	52.4		1.0			-1.0	2.6	2.4	5.0	3.0
	Z	08.45	52.0		0.8			-0.2	0.6	0.6		
24	A	09.44	27.6		0.7		-	+0.6	7.9	8.5		
	H	09.44	28.2		1.2				2.3	3.2	4.2	3.1
	Z	09.44	27.4		0.7			+0.5	1.1	0.8		
24	A	13.42	17.3		0.8				1.8	1.2		
	H	13.42	18.1		0.8			+0.6	2.4	3.2	3.0	2.5
	Z	13.42	17.1		0.5	-	+		0.8	0.9		
24	A	14.13	38.8		0.7	+	+		20.0	22.0		
	H	14.13	39.5		1.1	+	+	+	38.5	30.0	3.6	3.9
	Z	14.13	38.4		0.5	+		+	32.0	31.5		
24	A	17.11	42.0		0.5			+1.0	10.8	12.2		
	H	17.11	42.5		0.9	-	-		6.4	8.0	3.4	3.0
	Z	17.11	42.4		0.7	+		-0.1	0.4	0.6		
25	A	00.24	24.2		1.0		-	+1.2	2.8	2.2		
	H	00.24	24.2		0.8			+1.0	4.2	5.6	5.4	2.6
	Z	00.24	24.7		1.0				0.2	0.2		
25	A	01.07	31.7		0.7	+	-	+	4.7	6.6		
	H	01.07	32.4		0.9	-		+0.2	4.0	6.1	3.9	3.5
	Z	01.07	31.6		0.6	-			5.1	5.2		
25	A	01.16	24.1		0.6			+1.0	2.4	3.5		
	H	01.16	24.8		1.0	-	-	+0.2	4.4	7.9	3.8	3.7
	Z	01.16	24.1		0.6	+	-		3.2	4.4		
25	A	01.34	25.6		0.6	-		+0.9	2.8	2.6		
	H	01.34	26.5		1.0			-0.5	2.0	3.8	2.8	2.2
	Z	01.34	25.1		0.4				2.0	1.3		
25	A	03.43	57.0		0.8	-	-		9.2	9.4		
	H	03.43			0.8	+	-	+1.1	11.1	16.4	3.2	3.9
	Z	03.43	56.9		0.6		-		7.8	11.2		
26	A	01.41	26.3		0.7			+				
	H	01.41	26.7		0.7				2.6	3.1	1.9	1.1
	Z	01.41	26.3		0.5		-		0.2	0.2		
26	A	04.24	10.3		0.5							
	H	04.24	11.0		0.8		+		2.2	3.3	3.5	1.1
	Z	04.24	11.0		0.7				0.1	0.1		
26	A	09.54	21.9		1.0		-					
	H	09.54	22.7		1.0		+		5.1	5.4	2.2	3.0
	Z	09.54	22.0		0.5	-	-		2.2	3.8		
26	A	16.30	20.3		0.9		+	+	5.2	4.4		
	H	16.30	23.6		1.0	+	+	+	3.5	8.3	5.3	3.4
	Z	16.30	22.9		0.8	-	-	-	1.5	3.0		
26	A	21.51	16.9		0.8	+	+		6.8	4.9		
	H	21.51	17.7		1.1	+	+	+	5.8	6.1	4.5	3.7
	Z	21.51	17.0		0.6		-		5.0	8.6		
27	A	02.43	22.4		0.7	+	+	+	10.2	7.7		
	H	02.43	22.8		1.0		+	+	5.2	8.2	5.0	3.2
	Z	02.43	22.9		0.8		+	+	1.0	0.6		
27	A	02.46	52.0		0.6	-			9.3	9.4		
	H	02.46	52.6		0.9		+		5.3	6.4	4.4	3.0
	Z	02.46	52.5		0.8	-	+	+	0.4	0.6		
27	A	04.28	43.5	</								

Nov. 1965 - Dec. 1965

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
27	A	19.19	58.0		0.9	+	+	-	5.2	7.2	2.9	3.7
	H	19.19	58.4		1.2	-	-	-	5.5	6.3		
	Z	19.19	57.4		0.5			+	7.6	10.1		
27	A	22.30	37.1		0.8	-		+	2.6	2.4	2.9	2.9
	H	22.30	37.1		0.8	-		-	6.0	6.8		
	Z	22.30	37.0		0.5	-	+	-	1.9	1.3		
27	A	23.43	14.6		0.8		+	+		1.1	3.2	2.7
	H	23.43	14.8		0.9	+			3.9	3.0		
	Z	23.43	14.7		0.5			-	2.0	2.4		
28	A	00.40	31.5		0.6	-			1.2	1.3	2.9	2.0
	H	00.40	30.5		0.7	-	+	-	3.0	4.4		
	Z	00.40	31.6		0.5			-	0.2	0.3		
28	A	07.20	49.0		0.5	-	+		0.8	0.4	3.4	2.3
	H	07.20	49.1		1.0	+	-	+	2.1	2.9		
	Z	07.20	48.4		0.7			-	1.0	1.1		
28	A	08.57			0.8		+	-	2.3	2.3	3.4	3.0
	H	08.57	52.3		1.1			-	3.8	3.9		
	Z	08.57	52.4		0.5			+	2.7	3.5		
28	A	15.56	12.2		0.9			+	1.6	1.4	2.6	2.9
	H	15.56	12.4		0.8	-		-	3.3	4.0		
	Z	15.56	12.3		0.5	-		-	2.7	1.0		
28	A	22.27	55.1		0.6	-		+	10.2	7.1	4.0	3.0
	H	22.27	55.7		0.9		+	+	2.8	3.9		
	Z	22.27	56.1		0.8			+	0.3	0.5		
28	A	22.30	15.5		0.6	-			1.7	1.6	3.2	2.5
	H	22.30	15.8		0.8	+		-	4.0	4.7		
	Z	22.30	15.6		0.6		+	-	0.8	0.5		
29	A	01.31	13.3		1.0	-	+	-	4.6	2.8	4.8	3.5
	H	01.31	14.1		1.2	-		-	4.0	7.2		
	Z	01.31	13.3		0.7		-	+	1.4	4.5		
29	A	02.50	54.2		0.5		-	+	4.8	4.6	2.7	2.6
	H	02.50	54.0		0.9		+	-	2.0	2.7		
	Z	02.50	54.4		0.5	-	+	-	0.7	0.8		
29	A	03.16	10.5		0.5				4.2	2.9	3.0	2.6
	H	03.16	11.3		0.8	+	+		2.5	3.5		
	Z	03.16	10.8		0.6	-		-	0.4	0.6		
29	A	12.26	07.4		0.8			+	2.2	3.4	4.2	3.3
	H	12.26	08.3		1.1	-	-	-	2.0	2.6		
	Z	12.26	07.2		0.6	-		+	3.3	5.0		
29	A	13.00	30.8		0.9		+	+	11.4	12.8	6.8	4.0
	H	13.00	32.5		1.3	+		-	2.9	4.0		
	Z	13.00	31.8		1.1	-	+	-	1.4	4.4		
29	A	13.57	31.0		1.0	-	+	-	8.6	7.8	4.8	4.0
	H	13.57	30.7		1.2	-	-	-	11.7	18.2		
	Z	13.57	31.3		0.7	-		+	7.2	11.4		
29	A	16.42	42.3		1.1	-			3.0	3.8	6.0	3.3
	H	16.42	42.5		0.9			+	6.1	6.0		
	Z	16.42			1.0				1.4	0.4		
29	A	16.58	55.4		1.3	-		+	1.1	1.4	6.1	3.0
	H	16.58	55.7		0.9	+		+	2.8	3.7		
	Z	16.58	56.2		1.2				0.8	0.4		
29	A	20.26	13.2		0.6	+	+	-	4.6	2.8	4.1	2.7
	H	20.26	14.9		1.0				2.5	3.6		
	Z	20.26	14.4		0.7	+	-	-	0.4	0.6		
29	A	21.59	11.5		1.0				12.2	12.4	4.5	3.7
	H	21.59	11.8		0.6				11.2	4.0		
	Z	21.59	12.7		1.2	-			1.1	0.9		
29	A	22.00	08.6		0.9			+	2.4	3.4	4.7	2.7
	H	22.00	08.3		0.7	-	-		6.8	5.2		
	Z	22.00	09.0		1.1				0.2	0.1		
30	A	02.14	07.7		0.9	+	+	-	0.8	0.9	3.6	2.8
	H	02.14	08.8		1.1	-		+	1.8	2.8		
	Z	02.14	08.1		0.5			+	1.0	3.5		
30	A	02.22	25.9		0.8	+	+		25.6	13.8	5.5	3.6
	H	02.22	26.9		1.1	+	+	+	2.8	3.3		
	Z	02.22	26.9		0.9			-	0.9	0.5		
30	A	05.05	57.0		0.6			+	9.2	9.2	4.3	3.1
	H	05.05	58.4		0.9			+	6.4	8.1		
	Z	05.05			0.8			-	0.9	0.6		
30	A	05.10	46.3		0.6		-	+	10.0	12.0	4.5	3.4
	H	05.10	47.5		1.0	+	+	+	9.9	8.6		
	Z	05.10	47.5		0.8	-		-	0.6	1.6		
30	A	05.15	44.2		0.6	+		+	17.3	9.2	3.9	3.3
	H	05.15	45.4		0.9	-			5.4	3.7		
	Z	05.15	45.3		0.8	-	+	-	0.5	0.9		

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
30	A	05.54	13.0		0.6			-	10.6	10.0	4.3	3.4
	H	05.54	14.2		0.9	+	+		16.9	19.3		
	Z	05.54	14.3		0.8			-	1.6	2.4		
30	A	06.28	04.1		0.6			+	1.5	1.3	3.4	2.2
	H	06.28	05.3		0.9	-		+	2.2	3.1		
	Z	06.28	05.1		0.6				0.2	0.4		
30	A	18.29	11.7		0.8			-	1.4	1.6	3.0	3.1
	H	18.29	12.6		1.1	-		+	5.2	3.0		
	Z	18.29	12.1		0.4			+	1.2	6.4		
30	A	18.35	17.1		1.0	+	+	-	5.3	3.1	2.8	3.5
	H	18.35	18.0		1.0			+	3.8	3.3		
	Z	18.35	17.3		0.5			+	2.0	5.1		
30	A	20.55	24.5		0.6			+	1.8	1.6	2.4	2.1
	H	20.55	25.1		0.7				2.5	3.1		
	Z	20.55	25.3		0.5				0.2	0.3		
30	A	23.58	45.8		0.7			+	2.0	1.5	2.5	2.5
	H	23.58	46.2		0.8	-	-	-	3.0	3.4		
	Z	23.58	46.2		0.4			-	1.2	0.9		

1965 December

01	A	02.17	23.5		0.7	+	+	+	11.8	9.5	4.7	3.2
	H	02.17	24.0		0.9			+	4.0	2.8		
	Z	02.17	24.0		0.8	-	+	-	0.9	0.4		
01	A	09.13	39.9		0.7	+		+	3.6	7.8	3.5	3.1
	H	09.13	39.9		0.7	+	+	+	4.0	4.6		
	Z	09.13	39.7		0.7	-	-	-	0.6	1.2		
01	A	10.58	35.6		0.6	-		-	4.1	4.5	4.2	3.2
	H	10.58	36.1		0.9	+	+		3.3	2.4		
	Z	10.58	35.7		0.8	-	+		1.0	2.4		
01	A	11.16	58.9		0.6	-	+		35.5	22.7	4.4	4.3
	H	11.16	59.4		1.0	+		+	10.4	14.7		
	Z	11.16	59.5			+	-	+	3.8	12.0		
01	A	11.58	53.4		0.6				1.0	0.7	3.4	2.1
	H	11.58	53.5		0.8				1.6	4.0		
	Z	11.58	53.7		0.7				0.4			
01	A	12.14	00.1		0.5				2.7	1.6	3.5	2.8
	H	12.14			1.0	+	+	+	4.0	4.8		
	Z	12.14			0.7		+	-	0.5	1.8		
01	A	21.25	20.7		1.1	-	-		2.8	7.5	4.0	3.3
	H	21.25	20.6		0.9				6.5	7.8		
	Z	21.25	20.8		0.9			-	1.0	1.2		
01	A	21.54	42.4		0.8	-	+	-	25.7	12.3	4.4	4.5
	H	21.54	42.9		1.1	+	+	+	23.0	29.6		
	Z	21.54	42.1		0.6	+				31.9		
01	A	23.45	14.5		0.8		+	+	3.7	3.2	3.4	3.2
	H	23.45	15.2		0.9	+			7.0	7.2		
	Z	23.45	14.4		0.5					4.4		
02	A	00.49	31.0		0.6	-		+	0.7	1.2	2.8	2.0
	H	00.49	31.1		0.6				2.0	2.8		
	Z	00.49	31.1		0.7			-		0.2		
02	A	00.50	01.2		0.6	-	+		1.6	3.8	1.2	3.2
	H	00.50	00.7		0.5				1.0	3.0		
	Z	00.50	01.7		0.5			-				
02	A	03.37	00.5		1.3	+	+	+	3.9	2.5	8.5	3.2
	H	03.36	59.9		1.2				2.7	3.4		
	Z	03.37	00.9		1.4			-		0.4		
02	A	08.12	48.1		0.8	+	-	+	9.0	4.0	3.6	3.3
	H	08.12	49.4		0.6	+	+	+	6.0	7.0		
	Z	08.12	48.6		0.8	-		+		1.2		
02	A	08.48	16.6		1.0	-			3.0	1.9	4.4	3.4
	H	08.48	17.4		1.2			+	2.7	3.4		
	Z	08.48	16.5		0.6							
02	A	09.16	41.8		0.8	+		+	5.6	7.2	5.4	3.0
	H	09.16	42.4		0.9			+	2.9	5.4		
	Z	09.16	42.0		0.9		+			0.5		
02	A	09.43	07.8		0.8	-	+		22.5	24.9	5.4	3.7
	H	09.43	06.8		0.9				4.0	6.9		
	Z	09.43	06.7		1.0		+	-		1.0		
02	A	14.55	04.1		0.9			-	2.3	1.7	3.4	2.7
	H	14.55	04.1		1.2			+	5.0	4.8		
	Z	14.55	03.5		0.5			+	1.2	0.5		

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

19

Dec. 1965

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
02	A	15.28	04.2		0.6		+	+	2.2	1.7	3.3	2.2
	H	15.28	05.1		0.9	-		+	2.2	4.0		
	Z	15.28	04.4		0.5			-	0.5	0.5		
02	A	16.25	36.4		0.7				4.5	2.3	4.1	3.1
	H	16.25	36.8		1.0		-	+	4.0	6.6		
	Z	16.25	36.0		0.6	-	+	-	0.9	2.5		
02	A	23.37			0.7		+	-	1.1	1.3	3.1	2.4
	H	23.37	58.6		0.8			-	3.5	4.0		
	Z	23.37	58.3		0.5	-		-	1.0	0.3		
03	A	00.17	08.0		1.0		+		3.7	4.0	6.3	3.3
	H	00.17	08.7		1.2	-	+	+	2.0	3.2		
	Z	00.17	08.4		0.9			-	1.7	1.5		
03	A	01.22	17.7		0.8			+	3.8	3.1	5.1	2.9
	H	01.22	18.5		1.1				2.6	4.4		
	Z	01.22	17.9		0.8		-	+	0.8	0.3		
03	A	06.35	45.0		0.8			+	1.8	1.5	1.8	2.0
	H	06.35	45.0		0.7				3.4	4.3		
	Z	06.35	44.6		0.4	+			0.2	0.2		
03	A	07.22	31.8		0.7			+	2.0	1.7	2.7	2.8
	H	07.22	32.1		0.9			+	2.9	4.2		
	Z	07.22	31.4		0.4	-	+	-	2.2	1.2		
03	A	10.25	27.5		0.7				15.0	11.3	3.6	2.8
	H	10.25	27.4		0.7	+	+	+	3.3	5.6		
	Z	10.25	27.5		0.7	-	+	-	0.9	1.5		
03	A	10.57			0.6				12.4	6.5	4.5	3.8
	H	10.57	55.4		1.0	+	+	+	13.5	21.5		
	Z	10.57	55.2		0.9	-	+	-		7.3		
03	A	10.59	14.8		0.8		+	+	5.5	4.2	5.3	3.3
	H	10.59	15.5		1.0	+	+	+	5.7	8.2		
	Z	10.59	15.2		0.8	-	+	-	2.5	1.2		
03	A	17.03	27.2		0.9			-	2.7	3.6	3.6	3.4
	H	17.03	27.8		1.2	-	+		4.9	6.0		
	Z	17.03	26.8		0.5			+		5.6		
03	A	21.30	06.7		0.7			+	63.8	18.0	5.0	4.3
	H	21.30	07.5		1.0		-	+	8.6	8.8		
	Z	21.30	07.1		0.8	-	+	-	5.0	1.5		
04	A	00.59	42.6		0.6	+		-	9.9	8.9	4.4	3.2
	H	00.59	42.5		1.0		+	+	5.2	6.6		
	Z	00.59	43.1		1.0		+	-	0.8	1.0		
04	A	05.21	25.2		0.6			+	0.8	1.4	2.9	2.4
	H	05.21	25.6		0.7	-		-	4.7	4.6		
	Z	05.21	25.4		0.5			-	0.5	1.0		
04	A	07.39	05.6		0.2	+	+		1.0	1.3	0.6	1.8
	H	07.39	04.6		0.7			+	4.0	4.0		
	Z	07.39			0.6				0.4			
04	A	11.55	30.4		0.7				1.4	1.5	2.9	2.6
	H	11.55	30.9		1.0	+		+	3.6	4.5		
	Z	11.55	30.4		0.4			+	1.0	2.0		
04	A	12.43	34.5		0.8			-	11.0	3.6	5.5	3.2
	H	12.43	34.5		1.0		+	+	3.0	7.2		
	Z	12.43	34.7		1.0	-	-	-	0.5	0.5		
04	A	13.40	24.9		0.9	-		+	2.2	2.9	3.7	2.8
	H	13.40	24.6		0.7			-	6.9	9.0		
	Z	13.40	25.2		0.8			-	0.8	0.2		
04	A	16.31	21.9		0.6			+	8.1	9.8	3.4	3.2
	H	16.31	22.7		1.1	+	+	-	7.1	11.0		
	Z	16.31	22.4		0.6		-		1.5	1.5		
04	A	19.47	52.4		0.5	+		+	9.7	6.7	3.6	2.9
	H	19.47	51.9		0.9	+	+	+	7.0	5.8		
	Z	19.47	52.2		0.7			+	0.5	0.5		
04	A	20.20			0.7	+			7.0	5.5	3.5	3.3
	H	20.20	39.7		1.0			+	5.6	9.3		
	Z	20.20	39.3		0.5			-	2.6	3.5		
04	A	21.16	34.0		0.6			+	8.3	10.7	4.4	3.2
	H	21.16	34.4		1.0			+	4.6	6.0		
	Z	21.16	34.5		0.9			-	0.9	0.9		
04	A	23.45	59.2		0.8	+		+	3.8	8.1	5.2	3.6
	H	23.45	59.9		1.0	-		+	3.2	2.9		
	Z	23.45	59.6		0.8	-	+	-	4.5	2.3		
05	A	04.37	24.5		1.1			+	1.1	1.7	6.1	3.0
	H	04.37	24.3		0.8				8.9	10.2		
	Z	04.37	25.1		1.1			+	0.4	0.25		
05	A	04.58	14.0		1.4				1.5	1.2	8.4	2.9
	H	04.58	14.0		1.1				1.8	3.3		
	Z	04.58	14.6		1.4			-	0.4	0.2		
05	A	05.20			0.6		+		3.6	2.2	3.8	2.8
	H	05.20	36.7		0.9	-		+	2.5	4.0		
	Z	05.20	36.4		0.6			-	1.1	0.8		
05	A	07.37			0.8		+	+	3.3	3.3	4.2	2.9
	H	07.37			0.9			+	2.4	3.1		
	Z	07.37			0.6			-	1.0	1.2		
05	A	07.57			0.7			+	3.3	2.0	4.3	2.7
	H	07.57	12.5		0.9				2.6	3.3		
	Z	07.57	12.2		0.7			-	0.7	0.5		
05	A	08.31	03.3		0.8	+	+	-	2.4	2.4	3.7	3.3
	H	08.31	03.7		1.0	+	+	+	4.2	6.6		
	Z	08.31	03.2		0.5	+	+	+	5.0	7.5		
05	A	08.31	19.2		0.9			+	1.3	2.5	3.6	3.0
	H	08.31	19.1		1.0	+			3.7	2.5		
	Z	08.31	18.5		0.5	+	+	+	1.3	2.4		
05	A	08.53	04.9		0.8	+			1.8	2.0	4.4	2.7
	H	08.53	05.4		0.9				3.0	4.1		
	Z	08.53	05.1		0.7			-	0.9	0.7		
05	A	09.15	34.0		0.8	-	+	-	13.0	10.6	4.2	4.1
	H	09.15	34.7		1.3			+	16.2	16.5		
	Z	09.15	34.4		0.7		+	+	8.0	16.2		
05	A	13.01	28.2		0.8		+		1.0	0.8	2.7	2.7
	H	13.01	28.3		0.8			-	3.8	2.7		
	Z	13.01	28.0		0.5				2.3	1.0		
05	A	13.25	44.4		0.7	-		+	0.8	1.6	4.2	2.5
	H	13.25	44.8		1.0		+	+	2.6	3.1		
	Z	13.25	44.8		0.6			-	0.5	0.6		
05	A	13.48			0.8	+		+	1.0	1.7	3.3	2.7
	H	13.48	50.5		1.0			+	1.7	2.7		
	Z	13.48	50.2		0.6	+		-	1.0			
05	A	13.49	27.4		0.8	+	+	+	4.1	5.0	4.7	3.4
	H	13.49	27.6		1.0	+	+	+	5.0	10.5		
	Z	13.49	27.7		0.7	-	+	-	4.6			
05	A	13.56			0.8			+	1.0	1.3	3.9	2.4
	H	13.56	17.5		0.9			+	2.2	2.7		
	Z	13.56	17.1		0.6			-	0.6	0.6		
05	A	14.02			1.1	+		-	3.3	2.1	3.5	3.4
	H	14.02	13.5		1.2	+		+	3.2	4.1		
	Z	14.02	13.0		0.6				4.0	3.3		
05	A	15.49			0.7	+		+	2.2	3.5	4.8	3.3
	H	15.49	41.7		1.1	+	+	+	4.6	7.0		
	Z	15.49	41.3		0.9	+		-	2.0	3.6		
05	A	19.11			1.0		+	-	2.3	2.1	3.1	2.9
	H	19.11	29.4		1.3	-		-	4.2	3.3		
	Z	19.11	29.0		0.5				1.0	1.7		
06	A	04.03	26.6		0.5		+		8.6	12.2	3.7	3.5
	H	04.03	27.3		1.0		+	+	6.6	5.3		
	Z	04.03	27.2		0.8	-	+	+	3.0	3.5		
06	A	11.52			0.8	+		+	8.4	10.3	5.0	3.1
	H	11.52	17.5		0.9	-		+	2.0	4.2		
	Z	11.52	17.5		0.8	-	+	-	0.5	0.2		
06	A	15.09			0.7	+		+	2.4	2.7	4.4	2.6
	H	15.09	17.4		0.9			+	2.8	3.2		
	Z	15.09	17.4		0.8				0.5	0.2		
06	A	15.13	49.2		0.4			+	3.7	3.8	1.9	2.5
	H	15.13	50.2		0.7			+	2.6	4.4		
	Z	15.13			0.5	-	+	-	1.0	0.9		
06	A	22.17	44.0		0.8	-		+	17.4	17.2	4.6	3.6
	H	22.17	44.4		0.9	+	+		6.7	8.3		
	Z	22.17			0.7			+	1.4	1.7		
06	A	23.16	42.2		0.8	+	+	+	6.6	8.4	5.0	3.1
	H	23.16			1.0				1.3	2.5		
	Z	23.16	41.7		0.8	-	+	-	0.7	0.5		
06	A	23.20	35.6		0.6			-	3.5	5.1	3.5	2.4
	H	23.20	36.2		0.8		+	+	6.8	8.4		
	Z	23.20	36.0		0.7	+			0.2	0.2		
07	A	02.02	51.6		0.7	+	+	-	3.8	4.5	1.2	3.1
	H	02.02	52.0		1.2	+		+	2.0	3.0		
	Z	02.02	51.1		0.3	-	+	+	3.6	5.0		
07	A	02.02	56.8		0.8	-	+	-	4.2	19.1	2.5	3.6
	H	02.02	57.6		1.1	+	+	-	4.4	7.0		
	Z	02.02	56.6		0.4			-	3.5	4.0		
07	A	02.39	57.8		0.7	+			12.5	4.8	4.5	3.4
	H	02.39	58.2		0.9		+	+	5.4	6.1		
	Z	02.39	58.2		0.8	-		+	1.5	1.5		

Dec. 1965

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
07	A	05.03	20.9		0.7	+		-	1.0	1.6	4.3	2.4
	H	05.03	21.5		0.9			+	2.5	3.2		
	Z	05.03	21.4		0.7				0.5	0.5		
07	A	06.05	00.9		0.2				0.5	0.5	1.4	1.6
	H	06.05	00.7		0.9			+	1.7	3.2		
	Z	06.05	00.1		0.6				0.5	0.5		
07	A	08.22			1.0	+		-	1.5	1.1	3.0	3.0
	H	08.22	45.7		1.1				3.4	3.3		
	Z	08.22	44.8		0.5			+	2.5	4.0		
07	A	17.12	26.8		0.6	-		+	7.1	5.1	3.3	3.4
	H	17.12	27.5		0.9	-			7.5	10.2		
	Z	17.12	26.7		0.5		-	-	5.3	4.2		
07	A	17.12	44.2		0.8			+	6.6	3.3	4.1	3.4
	H	17.12	44.9		0.9				4.4	7.0		
	Z	17.12	44.1		0.6		+	-	4.0	2.3		
07	A	17.29	29.4		0.7			+	5.7	4.8	4.6	2.8
	H	17.29	29.5		0.9	+	+		3.1	4.1		
	Z	17.29			0.9				0.2	0.4		
08	A	02.25	54.4		0.7	+	+	+	14.9	21.8	4.2	3.4
	H	02.25	55.1		0.9			+	4.4	5.1		
	Z	02.25	54.7		0.7	-	+	-	0.9	0.7		
08	A	03.41	21.7		0.6	+	+	+	2.2	2.2	4.2	2.8
	H	03.41	22.6		1.0	+	+	+	4.2	4.7		
	Z	03.41	22.0		0.7			+	1.0	1.5		
08	A	06.54	05.9		0.8	+	+	-	29.5	11.9	4.9	4.3
	H	06.54	06.6		1.3	+	+	+	17.0	22.7		
	Z	06.54	05.6		0.8			+		10.5		
08	A	06.55	10.1		0.8			-	1.8	2.2	4.3	2.5
	H	06.55	10.8		1.0				2.1	2.9		
	Z	06.55	09.7		0.6			-	0.5			
08	A	06.57	56.6		0.8	-	+	-	12.6	7.9	3.6	3.8
	H	06.57	56.8		1.3	+		+	11.3	14.0		
	Z	06.57	56.1		0.6	-		+	6.5	8.5		
08	A	07.16	37.5		1.2				1.4	1.9	4.5	2.6
	H	07.16	37.4		0.8		+		7.7	12.2		
	Z	07.16	37.4		1.0					0.2		
08	A	08.15	21.6		0.8	+		+	1.4	2.4	0.9	3.2
	H	08.15	21.4		0.8	-	-	-	6.2	4.7		
	Z	08.15	20.8		0.3		-	+	9.7	10.2		
08	A	13.57	06.0		0.5	+	+	+	3.3	9.5	2.7	2.9
	H	13.57	06.2		0.6	+	+		4.0	5.7		
	Z	13.57	06.2		0.8	-		-	0.3	0.5		
08	A	14.08	59.7		0.8		-	+	2.5	2.9	1.8	3.2
	H	14.08	58.8		0.8	-	-	-	5.8	3.5		
	Z	14.08	59.5		0.4			-		6.5		
08	A	15.16	01.2		0.7	+		+	17.3	8.6	5.2	3.4
	H	15.16	01.9		1.0				4.0	3.8		
	Z	15.16	01.8		0.9	-	+	-	0.8	0.7		
08	A	18.24	11.0		0.8	-	+	-	11.4	8.5	5.3	3.2
	H	18.24	11.3		1.0	+	+	+	3.4	6.0		
	Z	18.24	11.5		0.9			-	0.5	0.6		
09	A	05.09	06.5		0.9			+	1.9	1.1	3.7	2.3
	H	05.09	06.0		0.5				1.7	2.0		
	Z	05.09	06.8		1.0				0.1	0.1		
09	A	05.54	06.6		0.6	+		-	2.0	1.7	3.8	2.2
	H	05.54	07.6		1.0				2.1	2.8		
	Z	05.54	06.9		0.7			+	0.1	0.3		
09	A	10.42	12.4		0.7		+	+	13.3	12.3	5.0	3.4
	H	10.42	12.3		0.9		+		3.1	5.6		
	Z	10.42	12.9		0.9			-	1.0	1.0		
09	A	20.33	13.3		0.9	+		+	0.7	1.0	1.2	3.0
	H	20.33	14.2		0.8	+		-	5.0	3.6		
	Z	20.33	13.9		0.5	-	+	+	5.3			
09	A	20.34	13.2		1.0		+	+	7.4	14.8	6.7	3.7
	H	20.34	14.7		1.1				2.9	4.8		
	Z	20.34	14.3		1.0				1.5			
09	A	21.12	59.3		0.7				0.8	1.4	3.5	2.3
	H	21.12	59.9		1.1				4.3	5.3		
	Z	21.12	59.5		0.5				0.3	0.6		
09	A	23.10	49.6		0.6			-	2.2	2.8	3.6	2.4
	H	23.10	50.6		0.9	+			3.4	4.8		
	Z	23.10	50.6		0.6				0.2	0.5		
09	A	23.11	56.0		0.7	-	+	+	18.0	28.0	4.2	4.3
	H	23.11	56.7		1.0	+	-	+	14.0	17.0		
	Z	23.11	56.3		0.6	+	-	+	13.0	14.2		
10	A	08.27	51.2		0.6			-	14.5	18.5	4.5	4.0
	H	08.27	52.1		1.1	-	+	+	10.2	16.2		
	Z	08.27	52.9		0.9	+		-	7.0	1.5		
10	A	23.37	44.8		0.9	+	+		0.7	0.6	4.5	2.5
	H	23.37	44.6		1.1	-		-	4.8	5.1		
	Z	23.37	44.4		0.6				0.4	1.5		
11	A	06.07	14.5		0.7				17.0	15.6	3.2	4.2
	H	06.07	15.0		1.0	-		+	26.0	25.5		
	Z	06.07	14.4		0.5	+	-	-	21.0	31.0		
11	A	06.12	17.9		0.8	+		-	5.6	3.5	3.0	3.5
	H	06.12	18.6		0.9				7.3	9.0		
	Z	06.12	18.1		0.6				3.5	7.2		
11	A	06.13	06.1		0.8	-		+	1.6	2.1	3.4	3.2
	H	06.13	06.4		1.0			-	11.1	10.0		
	Z	06.13	05.8		0.5		+	+	3.2	7.2		
11	A	06.33	07.3		0.8	+	+	+	30.2	6.0	4.4	4.1
	H	06.33	07.6		1.1			+	4.7	9.4		
	Z	06.33	07.1		0.6			-	4.2	7.1		
11	A	18.29	02.2		0.6		-	+	4.4	4.7	2.9	3.4
	H	18.29	02.7		0.9	-		+	6.0	7.3		
	Z	18.29	02.1		0.4	-	+	-	3.0	11.1		
11	A	19.47	21.3		0.7	+	+	+	0.7	0.8	2.7	2.1
	H	19.47	22.1		0.7	-	+	-	4.2	5.1		
	Z	19.47	21.9		0.5			-	0.6	0.4		
11	A	21.58	08.3		0.8			-	3.8	2.1	3.0	3.4
	H	21.58	08.5		0.8				7.6	5.6		
	Z	21.58	08.2		0.5		-	-	4.3	7.7		
11	A	22.02	49.8		0.6	+		+	1.0	1.0	1.7	2.2
	H	22.02	50.4		0.5	-		-	2.0	3.4		
	Z	22.02	50.1		0.6			-	0.6	0.5		
12	A	02.06	56.0		0.6		+	+	9.0	8.3	3.1	3.1
	H	02.06	56.4		0.6	+	+	+	3.1	4.5		
	Z	02.06	56.8		0.9			+	0.3	0.7		
12	A	03.46	50.1		1.2	+		+	1.8	2.4	5.8	3.0
	H	03.46	50.7		0.9			+	4.7	4.0		
	Z	03.46	51.3		1.1			+	0.5	0.6		
12	A	06.18	08.1		0.8	+		-	34.9	51.9	4.8	4.3
	H	06.18	09.1		1.1	+	+	-	11.6	12.2		
	Z	06.18	08.3		0.7	+	-	+	8.2	8.8		
12	A	08.38	56.4		0.8	+	+	-	2.6	1.8	4.4	2.7
	H	08.38	57.1		1.2	-		+	2.9	3.3		
	Z	08.38	56.7		0.6			+	0.8			
12	A	11.17	04.3		0.8	+	+	-	7.7	9.1	5.7	3.3
	H	11.17	05.6		1.0		+	+	4.2	5.2		
	Z	11.17			0.9			-	0.4	0.8		
12	A	12.50	31.5		0.7				1.4	2.5	2.7	2.6
	H	12.50	31.6		0.7		-		4.2	7.6		
	Z	12.50	32.0		1.1		+	+	0.3			
12	A	12.54	42.1		0.9	-		+	0.5	0.9	5.7	2.2
	H	12.54	42.6		0.9				3.9	8.4		
	Z	12.54	43.1		1.1			-	0.2			
12	A	13.01	06.6		0.5		-	+	2.0	1.5	3.4	2.6
	H	13.01	07.5		0.8				2.6	3.0		
	Z	13.01			0.7			-	0.5	1.0		
12	A	17.40	11.5		0.7		+	-	16.5	12.0	5.1	3.3
	H	17.40	12.3		0.9		+	+	2.8	3.4		
	Z	17.40	12.5		0.9			-	0.6	0.8		
13	A	04.19	10.9		0.9		-		2.0	1.4	3.5	2.6
	H	04.19	11.7		0.8				2.0	2.4		
	Z	04.19	11.2		0.6	+		-	0.5	0.9		
13	A	06.25	32.7		0.8	+	+	+	6.9	4.3	4.4	3.5
	H	06.25	33.9		1.1	+	+	+	2.8	5.1		
	Z	06.25	33.3		0.6			-	3.8	4.9		
13	A	08.29	22.4		1.5		-	+	1.5	1.7	3.6	3.1
	H	08.29	21.7		0.9			+	4.2	4.2		
	Z	08.29	22.6		1.3				0.6	0.3		
13	A	10.56	00.4		1.0	+	+		3.0	2.2	4.8	3.3
	H	10.56	00.6		1.2				5.1			
	Z	10.56	00.9		0.7			+	0.7	3.3		
13	A	14.28	04.6		0.6		-		1.0	1.2	3.8	2.8
	H	14.28	05.7		0.9	-		+	4.0	5.4		
	Z	14.28	05.6		0.7				0.3	0.3		
13	A	17.18			0.8	+		-	5.0	5.6	5.5	3.0
	H	17.18	28.7		1.1		-	-	2.4	3.6		
	Z	17.18	28.3		0.9		-	-	0.6	0.4		

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

21

Dec. 1965

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
13	A	17.55	27.7		0.5	-	+	+	0.9	1.2	2.5	2.4
	H	17.55	28.1		0.9	-			2.5	3.5		
	Z	17.55	28.6		0.5	-	+	-	0.5	1.6		
14	A	00.07	16.1		0.8	+	+	+	11.1	10.0	5.9	3.8
	H	00.07	17.9		1.0	+	+	+	10.7	17.4		
	Z	00.07	17.8		0.8	-	+	-	6.1	3.4		
14	A	00.02	11.8		0.6				7.8	6.0	4.1	3.4
	H	00.02	12.4		0.9	-		+	5.2	4.0		
	Z	00.02	12.5		0.8			-	0.7	3.0		
14	A	00.41	36.5		0.5	+		+	1.0	1.1	2.2	2.4
	H	00.41	36.1		0.8			+	7.3	3.6		
	Z	00.41	36.7		0.4				0.4	0.3		
14	A	02.22	26.9		0.5	+		+	12.0	6.7	3.3	3.1
	H	02.22	27.7		1.0	-	+	+	2.4	3.2		
	Z	02.22	27.4		0.6		-	+	1.2	1.2		
14	A	05.21	16.8		0.5	-		-	4.6	2.4	3.5	2.6
	H	05.21	17.5		0.9			+	3.0	4.0		
	Z	05.21	17.2		0.7			-	0.4	0.6		
14	A	06.09	36.4		0.9	+		+	27.2	27.5	4.9	4.0
	H	06.09	37.2		1.1		+		6.7	6.5		
	Z	06.09	36.9		0.7	-		-	4.5	4.7		
14	A	07.00	01.7		0.7		+			11.0	4.7	3.6
	H	07.00	02.3		0.9		+	+	6.5	5.0		
	Z	07.00	02.4		0.8		+	-	0.6	3.1		
14	A	08.09	31.7		0.7		+	+		4.9	2.5	3.4
	H	08.09	32.3		1.2	+			6.2	7.9		
	Z	08.09	31.3		0.5			-	5.4	7.4		
14	A	08.58	49.4		0.7			+		5.4	3.7	3.1
	H	08.58	49.8		0.7				2.1	3.4		
	Z	08.58	49.7		0.7		+	+	0.8	1.4		
14	A	13.04	41.0		0.8			+	1.3	0.8	1.8	2.5
	H	13.04	41.0		0.8	-	-	-	2.5	2.7		
	Z	13.04	40.7		0.4		+	-	1.3	1.1		
14	A	15.01	08.8		0.7	-	+	+	3.6	3.4	4.2	3.1
	H	15.01	09.4		0.9			+	2.6	4.2		
	Z	15.01	08.6		0.7		+	-	1.2	2.3		
14	A	16.22	54.0		0.7	-		+	12.8	9.7	4.8	3.3
	H	16.22	54.9		0.9	+	+	+	2.6	7.5		
	Z	16.22	54.7		0.8	-	+	-	1.0	0.6		
14	A	16.24	23.9		1.0				0.7	0.9	3.7	2.2
	H	16.24	23.5		0.6		-	-	5.0	5.2		
	Z	16.24	23.8		0.9				0.2	0.2		
15	A	01.17	19.3		0.5			+	6.5	5.0	3.1	3.1
	H	01.17	20.0		1.1			+	4.7	6.1		
	Z	01.17	19.5		0.6				1.0	2.2		
15	A	01.43	18.8		0.6				1.1	1.3	2.6	2.2
	H	01.43	19.2		0.9			-	2.6	4.0		
	Z	01.43	18.3		0.4	-	+	-	0.6	0.7		
15	A	07.08	02.6		0.6				3.3	2.7	3.7	2.7
	H	07.08	03.0		0.9				2.4	3.6		
	Z	07.08	02.4		0.6	-		-	1.0	0.7		
15	A	08.41	07.3		0.9				1.7	3.1	4.6	3.2
	H	08.41	07.0		0.7			+	2.1	3.4		
	Z	08.41	07.9		0.9				0.2			
15	A	14.30	54.8		0.7	-			2.0	1.4	3.0	2.6
	H	14.30	55.1		0.8	-	-	-	5.7	4.8		
	Z	14.30	54.6		0.5	-	+	-	0.6	1.2		
15	A	14.40	19.7		0.5				1.7	1.4	2.8	2.7
	H	14.40	20.4		1.0			+	4.5	5.2		
	Z	14.40	19.4		0.5	+	-	+	1.8	2.5		
16	A	01.40	03.1		0.4				6.4	5.1	2.1	2.5
	H	01.40	03.8		1.0		+	+	6.7	7.4		
	Z	01.40	03.3		0.6				0.4			
16	A	03.13	48.6		0.6			-	3.6	4.0	3.2	2.9
	H	03.13	49.8		1.1		+		3.2	4.3		
	Z	03.13	48.9		0.6	-	-	+	1.8	1.3		
16	A	03.32	26.2		0.6	-			4.7	5.8	4.0	2.9
	H	03.32	27.0		0.9		+	+	3.6	5.2		
	Z	03.32	26.8		0.8		-		0.7	0.2		
16	A	06.28	05.2		0.5			-	3.2	2.4	3.3	2.3
	H	06.28	05.8		0.9		+	+	4.5	6.4		
	Z	06.28	05.5		0.6				0.3	0.1		
16	A	07.48	09.6		0.7	-		-	6.1	5.1	4.9	3.3
	H	07.48	09.9		0.9	-	-	+	1.8	3.4		
	Z	07.48	09.0		0.9	+			0.2	0.2		
16	A	09.00	50.0		0.5				2.0	2.7	3.4	2.3
	H	09.00	50.7		0.9			+	2.2	2.7		
	Z	09.00	50.2		0.7			-	0.3	0.3		
16	A	11.17	50.6		0.5				1.2	2.0	2.1	2.7
	H	11.17	50.9		0.9	-		-	3.3	3.5		
	Z	11.17	50.3		0.4				3.3	1.5		
16	A	13.05	19.6		0.6				4.6	3.3	2.4	3.2
	H	13.05	19.8		0.9	-	-	-	8.4	8.2		
	Z	13.05	19.1		0.4			-	4.9	3.7		
16	A	16.16	16.8		0.6	-			5.6	8.0	3.7	3.1
	H	16.16	17.2		0.9			+	4.7	4.6		
	Z	16.16	16.9		0.7	-			1.3	1.3		
16	A	16.17	03.1		0.5				5.5	8.8	3.6	3.4
	H	16.17	03.7		1.0	+	+	+	2.6	3.6		
	Z	16.17	03.4		0.7				3.1	2.5		
16	A	20.07	04.9		0.5				1.4	3.0	2.0	2.7
	H	20.07	05.0		0.6			+	5.4	8.5		
	Z	20.07	05.2		0.7				0.8	1.4		
17	A	00.04	32.2		0.6	-		+	19.8		4.1	3.7
	H	00.04	32.8		1.0			+	3.2	4.7		
	Z	00.04	32.7		0.8			-	3.0	0.8		
17	A	03.14	44.8		0.7				1.4	2.8	2.3	2.8
	H	03.14	44.9		0.9	-	-	-	3.0	2.0		
	Z	03.14	44.4		0.4			-	2.9	2.1		
17	A	03.27	11.0		0.5				6.4	4.5	3.5	2.8
	H	03.27	11.5		0.8		-	+	7.1	9.7		
	Z	03.27	11.3		0.8				0.6	0.6		
17	A	12.41	06.7		0.7				4.7	3.2	2.9	3.3
	H	12.41	07.4		1.2	+	+		6.8	7.0		
	Z	12.41			0.5				4.4	6.0		
17	A	18.24	47.1		0.6			+	4.6	7.7	4.0	3.3
	H	18.24	47.7		1.0	+	+	+	9.6	12.3		
	Z	18.24	47.6		0.7	-	-	-	3.2	3.0		
17	A	18.35	34.7		0.8	-			15.0	5.8	5.7	3.2
	H	18.35	35.5		1.0				2.0	2.8		
	Z	18.35	35.4		0.9	-			0.4	0.2		
17	A	19.46	59.2		0.8	-			23.4	34.3	5.1	3.9
	H	19.46	59.9		0.9		+		7.4	5.0		
	Z	19.46	59.9		0.8		+	-	1.8	2.1		
17	A	20.11	32.3		0.3		-		2.4	2.0	2.2	2.2
	H	20.11	32.8		0.9				4.4	6.0		
	Z	20.11	33.1		0.6				0.5	0.6		
17	A	20.57	11.8		0.7				1.6	1.3	3.6	2.9
	H	20.57	12.3		1.0			+	7.2	8.0		
	Z	20.57	11.8		0.5				2.8	1.3		
18	A	08.59	03.2		0.7				9.9		3.0	3.6
	H	08.59	03.2		0.6	+	+	-	6.2	9.7		
	Z	08.59	03.5		0.7		+		1.4	4.4		
18	A	09.16	17.2		0.7	-		+	5.4	11.7	4.5	3.6
	H	09.16	17.9		1.0	+	+	+	3.7	3.8		
	Z	09.16	17.5		0.7	-	-	-	3.2	2.0		
18	A	10.15	51.6		0.7	-			2.4	11.0	3.3	4.0
	H	10.15	51.6		0.6				4.7	7.7		
	Z	10.15	51.8		0.7				0.7	1.4		
18	A	10.59	29.7		0.6				1.3	4.3	2.7	2.6
	H	10.59	30.1		0.6				2.3	4.4		
	Z	10.59	30.0		0.6	-			0.4	0.6		
18	A	15.25	08.0		0.7	+			5.5	6.0	2.2	3.4
	H	15.25	08.4		1.0	-	-	-	11.4	12.4		
	Z	15.25	07.8		0.3	-		-	11.0	11.1		
18	A	16.56	43.4		0.7	-		+	4.3	4.1	2.6	3.3
	H	16.56	43.8		1.0	-	-	-	11.5	9.8		
	Z	16.56	43.0		0.4				8.9	8.8		
18	A	20.40	43.7		0.6				1.9	2.5	4.4	2.9
	H	20.40	44.3		0.9	+	+	+	5.0	6.1		
	Z	20.40	44.0		0.8				0.5	0.7		
18	A	22.27	05.0		0.9				8.2	8.8	5.8	3.1
	H	22.27	06.2		1.0		-		3.7	2.9		
	Z	22.27	05.8		0.9				0.4	0.2		
19	A	01.29	08.8		0.7				0.8	1.3	3.3	2.8
	H	01.29	09.3		0.8		-		4.0	4.4		
	Z	01.29	08.7		0.5				3.0	1.2		
19	A	01.31	35.1		0.9	+			3.6	4.7	3.4	2.4
	H	01.31	35.5		0.8				6.4	4.7		
	Z	01.31	34.8		0.5	+		+	3.7	6.0		

Dec. 1965

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
Date	Station	h	m	s	S-P (sec)	E	N	U	E-W	N-S	Depth (km)	Magnitude
19	A	02.38	24.6		1.0			-	4.9	5.0		
	H	02.38	24.7		0.7				9.0	4.8	5.2	3.1
	Z	02.38	25.2		1.1				0.5	0.3		
19	A	04.59	58.0		1.0	+		+	2.0	5.4		
	H	04.59	58.3		0.9			+	7.6	17.3	6.3	3.1
	Z	04.59	58.5		1.0				0.5	0.4		
19	A	05.24	02.6		0.8	+		+	1.7	4.3		
	H	05.24	03.2		0.8	-	-	-	9.7	9.2	1.4	3.4
	Z	05.24	02.3		0.3	-	-	-	10.2	11.3		
19	A	05.34	31.9		0.8				4.7	4.4		
	H	05.34	33.4		1.1			-	3.0	4.9	4.5	3.4
	Z	05.34	32.3		0.6				3.8	3.2		
19	A	10.16			0.5			+	1.4	2.0		
	H	10.16	24.9		0.9			+	3.3	4.2	3.3	2.3
	Z	10.16	24.1		0.6		+		0.5	0.6		
19	A	10.30	59.6		0.5	+						
	H	10.31	01.3		0.9				13.0	19.4	3.5	2.9
	Z	10.31	00.7		0.7	-	+	-	2.0	1.9		
19	A	10.31	32.0		0.7	-	+		8.3			
	H	10.31	33.5		1.0	+	+	+	9.4	5.6	4.9	3.3
	Z	10.31	32.7		0.8				1.3	1.6		
19	A	13.43	05.1		0.7				11.0	13.5		
	H	13.43	06.1		1.1	-	-	+	13.0	14.0	2.7	4.0
	Z	13.43	04.9		0.4				20.0			
19	A	17.47	11.0		0.4				3.4	2.6		
	H	17.47	12.2		1.0	+	+	+	4.2	5.9	2.7	2.9
	Z	17.47	11.6		0.6			-	2.2	1.5		
19	A	21.12	23.6		0.8	-	+		11.4	6.6		
	H	21.12	24.8		1.2			+	7.6	8.9	3.5	3.6
	Z	21.12	23.6		0.5				4.0	3.1		
19	A	21.17	46.4		0.8	+		-	1.6	2.4		
	H	21.17	47.5		1.2	-			3.0	3.4	3.1	2.7
	Z	21.17	46.2		0.5			+	1.0	1.2		
19	A	21.22	11.3		1.0	-			3.2	3.0		
	H	21.22	11.6		1.0				12.4		6.6	3.4
	Z	21.22	11.9		1.3				0.6	1.8		
19	A	23.14	39.2		0.7	+	+	+	4.6	9.8		
	H	23.14	40.4		1.3	+	+	+	5.0	6.0	3.7	3.4
	Z	23.14	39.7		0.7			+	2.1	1.0		
20	A	16.45	42.5		0.7	+		-	8.9	6.5		
	H	16.45	42.9		0.8			+	2.3	3.1	4.6	2.7
	Z	16.45	43.0		0.9				0.2	0.2		
21	A	00.11	42.6		0.7	+	-	+	3.6	3.4		
	H	00.11	43.3		1.0	+	+	+	3.3	4.2	4.9	2.8
	Z	00.11	42.8		0.8			-	0.6	0.5		
21	A	03.49	59.6		0.5	+	-	-	3.0	1.5		
	H	03.50	00.5		1.0			+	2.5	3.4	3.6	2.7
	Z	03.49	59.9		0.7	+	-	+	0.4	0.9		
21	A	04.20	23.1		0.6	-	+		4.2	3.3		
	H	04.20	23.9		1.0	-		+	3.0	3.3	4.3	3.1
	Z	04.20	23.3		0.7			+	1.9	1.5		
21	A	06.56	52.6		0.5			+	2.2	2.1		
	H	06.56	53.4		0.8				3.7	4.7	3.0	2.3
	Z	06.56	52.9		0.6				0.3	0.5		
21	A	11.09	01.6		0.5	-			2.5	2.2		
	H	11.09	01.2		1.0	+	+	+	3.3	3.8	3.3	2.6
	Z	11.09	01.6		0.7	-	+	-	0.9	0.8		
21	A	13.25	52.0		1.0	-	-	+	2.2	2.8		
	H	13.25	52.0		0.6				5.2	5.7	3.7	3.1
	Z	13.25	52.1		1.0				1.0	0.7		
21	A	13.26	31.0		1.0	-			2.7	2.0		
	H	13.26	30.6		0.7			+	4.7	5.4	4.6	3.0
	Z	13.26	31.0		1.0			-	1.0	0.6		
21	A	14.29	09.6		1.0	+	+	-	3.9	5.4		
	H	14.29	09.4		1.4	-	-	-	4.5	2.5	4.9	3.7
	Z	14.29	09.1		0.7				3.8	2.8		
21	A	14.55	45.6		1.1	+	+		2.8	3.8		
	H	14.55	46.1		1.2	-	+	-	4.3	5.8	2.8	3.5
	Z	14.55	45.3		0.6			+	5.0	4.2		
21	A	15.00	31.6		0.7	+			8.3	9.0		
	H	15.00	32.0		0.9	-	+		2.9	6.5	4.8	3.1
	Z	15.00	32.2		0.8			-	0.7	0.8		
21	A	21.56	32.3		0.7	-	-		5.0	20.2		
	H	21.56	32.5		0.5	+	+	+	8.4	14.0	2.9	3.3
	Z	21.56	32.6		0.7	-	+	-	0.6	0.7		
21	A	22.19	44.8		0.5			+	1.5	1.7		
	H	22.19	45.5		1.0			+	2.6	4.0	3.0	2.6
	Z	22.19	45.0		0.5				1.0	2.0		
21	A	22.31	40.8		0.7	-	-	+	4.2	12.7		
	H	22.31	40.9		0.7	+	+		8.3	17.4	3.6	3.3
	Z	22.31	41.1		0.8	-	+	-	0.6	1.2		
22	A	01.22	01.9		0.5				3.0	1.5		
	H	01.22	02.5		0.9			+	2.6	2.8	3.6	2.2
	Z	01.22	02.1		0.7				0.2	0.2		
22	A	06.02	28.0		0.7	+	+	-	2.9	2.2		
	H	06.02	29.9		1.0			+	4.4	6.7	3.3	3.2
	Z	06.02	27.5		0.5		+	-	4.6	6.1		
22	A	06.15	02.5		0.8		-	+	18.1	7.4		
	H	06.15	02.4		0.8			+	9.8	12.5	4.5	3.6
	Z	06.15	02.7		1.2			-	0.9	0.8		
22	A	06.16	57.4		0.9	+	+		2.2	2.2		
	H	06.16	57.7		1.0			+	2.3	5.2	2.9	3.1
	Z	06.16	56.8		0.5		+	-	3.6	4.6		
22	A	08.20	54.1		0.5	+	+	+	5.8	8.8		
	H	08.20	54.5		0.7	+	+	+	3.3	4.2	3.2	2.7
	Z	08.20	54.3		0.7	-	+	-	0.3	0.4		
22	A	10.40	54.0		0.5	-	+	+	9.9	6.4		
	H	10.40	54.7		1.0			+	2.7	3.7	3.4	3.0
	Z	10.40	54.0		0.8		-	+	0.4	0.9		
22	A	12.41	37.7		0.6	-	+		3.6	5.4		
	H	12.41	38.3		0.8			+	3.2	4.0	3.6	2.8
	Z	12.41	37.9		0.8				0.5	0.5		
22	A	13.37	14.4		1.0	+	+	-	4.1	3.0		
	H	13.37	14.4		1.2		+	+	11.8	5.4	7.6	3.0
	Z	13.37	14.7		1.2			-	0.4	0.3		
22	A	14.50	40.0		0.7	+	+	+	2.8	3.1		
	H	14.50	40.1		1.0	-	-	-	5.0	3.8	2.6	3.1
	Z	14.50	39.4		0.4	-	+	-	7.0	6.2		
22	A	18.53	34.6		0.9	-	+	-	3.0	3.5		
	H	18.53	35.1		1.2			+	3.5	6.4	4.1	3.3
	Z	18.53	34.3		0.6	+			3.4	4.6		
22	A	22.35	22.2		0.8	+		+	0.7	0.8		
	H	22.35	22.5		0.9				1.8	3.0	4.3	2.7
	Z	22.35	21.7		0.6			+	2.2	2.0		
23	A	03.40	31.4		0.8	-		+	16.0	20.5		
	H	03.40	31.7		1.0		+	+	2.4	2.6	5.1	3.1
	Z	03.40	31.6		0.8	-	+	-	1.4	1.4		
23	A	11.45	20.1		0.6			-	6.7	4.2		
	H	11.45	21.5		0.4				2.6	4.2	1.8	2.9
	Z	11.45	20.5		0.7		-	+	0.6	0.6		
23	A	13.05	33.5		0.8	-		+	12.			

**Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966**

23

Dec. 1965

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude	
		h	m	s		S-P	E	N	U	E-W			N-S
25	A	16.38	47.9		1.0				3.8	7.1			
	H	16.38	47.7		0.6				5.5	6.5	2.8	3.1	
	Z	16.38			0.8				0.5	0.2			
25	A	19.53	54.3		0.6	+	-	+	2.0	3.5			
	H	19.53	54.8		0.9	-	-		7.3	3.5	2.1	3.4	
	Z	19.53	54.1		0.3	-	-	-	9.7	7.4			
25	A	20.20	16.4		0.7		-		4.4	2.4			
	R	20.20	17.1		0.9	-		+	3.6	3.4	4.2	2.7	
	Z	20.20	16.9		0.7				0.4	0.5			
25	A	20.22	56.1		0.7	+	-	+	4.8	8.4			
	H	20.22	57.0		1.2	+	-	+	4.8	7.5	4.3	3.3	
	Z	20.22	56.5		0.7		-	+	1.8	0.8			
25	A	23.33	23.3		0.8		-	-	0.5	0.7			
	H	23.33	24.1		0.8	-	-	-	2.0	2.7	1.4	2.3	
	Z	23.33	23.7		0.4	-	+	-	1.4	1.0			
26	A	00.19	30.6		0.5	+	+	+	3.0	5.1			
	H	00.19	31.2		0.9	-			4.4	5.4			
	Z	00.19	31.2		0.6		+	-	0.5	0.6	3.4	2.7	
26	A	00.35	04.0		0.7	+		+	4.4	5.1			
	H	00.35	04.9		1.0	+	+	+	4.4	5.6	4.3	3.3	
	Z	00.35	04.4		0.6		+		3.0	3.6			
26	A	04.56	51.0		0.9	+	+	+	1.0	1.1			
	H	04.56	52.3		1.1		-		1.9	2.9	4.1	2.4	
	Z	04.56	51.5		0.6				0.3	0.6			
26	A	06.36	35.3		0.7	+	+	+	1.8	1.7			
	H	06.36	35.9		1.1				3.4	4.1	4.0	2.7	
	Z	06.36	35.1		0.6				0.6	1.6			
26	A	06.56	16.7		0.5	+		+	4.4	4.2			
	H	06.56	17.6		0.9	-	-		3.4	4.0	3.1	2.7	
	Z	06.56	17.3		0.6				0.6	0.8			
26	A	10.34	16.2		0.8	+	-	-	0.9	0.6			
	H	10.34	17.0		1.1			+	1.4	2.6	4.0	2.3	
	Z	10.34	16.1		0.6				0.6	0.5			
26	A	20.12	07.8		0.5		-	-	0.9	1.7			
	H	20.12	08.7		0.9			+	4.0	4.9	3.0	2.6	
	Z	20.12	08.4		0.6			+	0.8	1.7			
27	A	01.16	11.4		0.8	-	+	-	11.8	11.8			
	H	01.16	12.3		1.2		-	+	12.8	15.7	4.2	4.0	
	Z	01.16	11.4		0.6		-	-	10.8	12.8			
27	A	01.16	46.6		0.8	+	+		4.4	3.3			
	H	01.16	47.4		1.2		+	+	4.4	6.7	4.3	3.4	
	Z	01.16	46.5		0.6			+	4.8	4.9			
27	A	01.30	31.3		0.8	-	+		3.8	2.8			
	H	01.30	32.3		1.0	-	+	+	5.0	4.7	3.4	3.1	
	Z	01.30	31.4		0.5				3.0	2.4			
27	A	05.45	32.5		0.8			+	3.7	7.2			
	H	05.45	32.6		1.2				5.4	4.8	5.3	3.4	
	Z	05.45	33.3		0.8				1.2	2.0			
27	A	08.39	37.3		0.6		-	+	3.4	11.6			
	H	08.39	37.9		0.8		+	+	2.0	3.8	3.6	2.8	
	Z	08.39	38.3		0.9					0.3			
27	A	17.06			0.7				0.4	0.6			
	H	17.06	47.9		1.1	-			4.0	5.7	4.2	2.4	
	Z	17.06	48.5		0.7	+		-	1.2	1.2			
27	A	20.30	54.3		0.7		-		2.4	4.3			
	H	20.30	55.2		1.0	+			6.8	5.6	3.2	3.3	
	Z	20.30	54.2		0.5	+	-	+	6.4	5.9			
28	A	13.09	59.8		0.6	-	-	-	7.1	3.8			
	H	13.10	00.8		1.1			+	2.0	3.3	4.2	2.8	
	Z	13.10	00.1		0.8			+	0.3	0.5			
28	A	16.47	55.6		0.6			-	0.8	0.8			
	H	16.47	56.5		0.9			+	4.0	5.8	3.5	2.2	
	Z	16.47	55.9		0.6			-	0.5	0.7			
28	A	18.56	27.8		0.6	+		-	6.2	7.2			
	H	18.56	28.9		1.0				3.0	3.4	4.2	3.1	
	Z	18.56	28.2		0.7		-	+	1.0	1.4			
28	A	19.00	45.3		0.8	-	-		1.2	1.1			
	H	19.00	45.7		0.9	-	-	-	3.6	2.8	1.3	2.9	
	Z	19.00			0.3	-	-	+	8.7	8.4			
28	A	20.59	34.1		0.8			+	1.6	2.0			
	H	20.59	34.5		0.9	-		-	4.2	2.8	2.2	3.1	
	Z	20.59	33.7		0.4	-		-	4.3	5.0			
28	A	22.43	54.1		0.6		+	-	3.8	3.9			
	H	22.43	54.5		0.9	-	+	+	4.8	5.4	4.0	2.6	
	Z	22.43	54.4		0.8	-		-	0.4	0.4			
28	A	23.41	48.2		0.7	-	-	+	14.9	22.0			
	H	23.41	49.0		1.1		+	+	13.3	9.7	4.9	4.0	
	Z	23.41	48.6		0.8	-	+	-	3.1	3.5			
29	A	02.01	55.4		0.5	-		-	11.4	3.4			
	H	02.01	56.3		0.9			+	2.2	3.6	3.2	2.8	
	Z	02.01	55.6		0.7			-	0.3	0.4			
29	A	05.44	53.2		1.0		+	-	1.9	1.6			
	H	05.44			0.7			+	3.4	3.4	3.2	3.1	
	Z	05.44	52.9		0.7			-	2.7	2.5			
29	A	08.41	12.2		0.5	-	+	+	1.0	2.1			
	H	08.41	13.1		0.9		-	+	5.1	5.1	3.3	2.2	
	Z	08.41	12.9		0.7				0.2	0.3			
29	A	09.12	39.5		0.9		-	-	5.5	9.0			
	H	09.12	39.1		0.7			+	8.3	7.0	5.0	3.3	
	Z	09.12	39.7		1.0	-		-	0.7	0.3			
29	A	16.35	26.8		0.9	+		-	2.0	3.2			
	H	16.35	26.6		0.9	-	+	+	10.4	12.4	5.5	2.9	
	Z	16.35	27.1		1.1				0.4	0.2			
29	A	20.13	02.8		0.5				4.7	2.9			
	H	20.13	03.4		0.9	-		+	2.5	5.0	2.4	2.4	
	Z	20.13	03.1		0.5				0.4	0.5			
29	A	21.36	26.8		1.3	+			0.7	1.8			
	H	21.36	26.0		0.9		+	+	7.2	3.7	5.8	2.8	
	Z	21.36	26.6		1.2				0.3	0.1			
30	A	05.37	58.9		0.8	-		+	1.6	2.0			
	H	05.37	59.1		1.0	-	-	-	3.0	2.3	1.7	2.8	
	Z	05.37	58.3		0.3			-	4.4	3.2			
30	A	06.58	38.9		0.8	-		+	7.1	13.5			
	H	06.58	38.6		0.8	-	+	+	12.0	15.4	4.8	3.4	
	Z	06.58	39.4		1.1	-		-	0.9	0.9			
30	A	12.39	33.2		0.5				4.4	5.5			
	H	12.39	33.3		0.9	+	-		3.4	3.4	2.6	2.7	
	Z	12.39	32.8		0.5	-	+	-	1.1	1.2			
30	A	15.04	27.4		0.5	-		+	4.0	7.8			
	H	15.04	27.0		0.9	+	+	+	3.4	5.2	3.6	2.7	
	Z	15.04	27.2		0.8		+	-	0.4	0.4			
30	A	15.55	56.2		1.0	+	-		5.4	14.8			
	H	15.55	55.9		0.7		+	+	14.0	7.4	4.8	4.0	
	Z	15.55	56.4		1.0	-		-	4.4	1.0			
30	A	18.16	51.3		0.5		+		13.0	11.5			
	H	18.16	52.0		0.9	+	+	+	4.8	9.6	3.8	3.1	
	Z	18.16			0.8	-	+	-	0.8	0.6			
30	A	18.22	27.1		0.6				1.5	2.0			
	H	18.22	27.5		0.9	-	-		3.3	4.0	3.3	2.5	
	Z	18.22	27.0		0.5			-	0.8</				

Dec. 1965 - Jan. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
31	A	15.25	35.1		0.5			+	0.9	1.5	3.2	2.4
	H	15.25	35.9		0.8				4.6	6.9		
	Z	15.25	35.2		0.6				0.4	0.7		
31	A	16.15	04.6		0.7	+		+	3.9	4.1	5.0	3.4
	H	16.15	05.3		1.0	-	+	+	4.2	1.6		
	Z	16.15	04.7		0.7		-	+	4.8	2.5		
31	A	16.52	38.7		0.8	+		+	9.6	5.8	5.5	3.2
	H	16.52	39.1		1.1			+	2.6	4.5		
	Z	16.52	38.4		0.9				0.8	0.4		
31	A	18.35	31.0		0.7	+		+	6.7	7.0	4.9	2.8
	H	18.35	31.5		0.9	+	+	+	3.6	5.1		
	Z	18.35	31.2		0.9				0.3	0.3		
31	A	23.40			0.5	+		+	11.4	8.2	3.2	3.4
	H	23.40	36.1		1.0	+	-	+	4.5	6.8		
	Z	23.40	35.5		0.7		+	-	1.5	3.5		
1966 January												
01	A	00.36	13.3		1.0	+	+	-	2.6	2.2	3.0	3.1
	H	00.36	14.7		0.9			+	4.0	5.2		
	Z	00.36	13.1		0.6				2.3	1.8		
01	A	01.30	11.2		0.9	+			0.7	0.7	3.7	2.6
	H	01.30	11.9		1.0		+		2.0	2.4		
	Z	01.30	10.7		0.5		+	-	2.4	1.3		
01	A	05.08			0.7				1.3	1.6	2.9	2.5
	H	05.08	33.0		0.8	+			4.7	4.7		
	Z	05.08	32.1		0.5				1.0	0.6		
01	A	10.21	31.3		0.7			+	0.7	0.7	4.0	2.1
	H	10.21	32.0		0.9			+	1.6	2.8		
	Z	10.21	31.1		0.6				0.5	0.6		
01	A	14.28	09.1		0.9		+		1.2	1.4	4.0	2.7
	H	14.28	09.9		1.2			-	2.5	3.6		
	Z	14.28			0.6				1.0	0.6		
01	A	17.17	12.2		0.6	+		+	1.3	2.3	3.8	2.3
	H	17.17	12.9		0.8		+	+	2.6	2.4		
	Z	17.17	12.6		0.9				0.2	0.2		
01	A	21.32			0.6	-		+	2.2	5.0	4.2	3.0
	H	21.32	18.5		1.0	+	+	+	4.8	7.7		
	Z	21.32	17.8		0.7	-	+	-	1.1	1.0		
02	A	01.07	29.1		0.4	+			1.4	0.7	2.9	2.1
	H	01.07	31.6		0.8			+	2.0	3.3		
	Z	01.07	31.0		0.7				0.5	0.5		
02	A	02.06	40.5		0.8	-	+	+	6.0	5.0	3.6	3.3
	H	02.06	41.7		0.9	+		+	7.6	6.2		
	Z	02.06	40.7		0.5		+	-	3.8	3.2		
02	A	05.23	38.7		0.7	+	-	+	1.5	5.2	2.1	3.6
	H	05.23	39.1		0.9	-	-	-	5.1	6.0		
	Z	05.23	38.2		0.3	-	-	-	17.3	13.7		
02	A	11.08	46.8		0.9	+	-	+	7.0	7.4	5.3	3.0
	H	11.08	46.7		0.8		+	+	4.5	9.7		
	Z	11.08	46.8		1.0				0.4	0.2		
02	A	13.06	02.3		0.8	-	+		22.8	55.0	5.0	4.3
	H	13.06	03.0		0.9	+		+	30.3	14.3		
	Z	13.06	02.6		0.8	-	+	+	1.8	5.0		
02	A	13.49	53.4		0.7					1.4	3.6	2.8
	H	13.49	53.5		0.9			-	3.7	2.6		
	Z	13.49	52.8		0.6				2.9	1.1		
02	A	17.49	44.5		0.5			+	1.0	1.0	2.3	2.7
	H	17.49	44.9		1.0			+	3.8	2.4		
	Z	17.49	43.5		0.4		-		4.5	6.1		
02	A	20.14	40.0		0.8			+	0.9	1.0	2.9	2.8
	H	20.14	39.9		0.8			-	4.0	2.4		
	Z	20.14	39.3		0.5			-	3.0	1.1		
03	A	01.13	38.2		0.6			+	3.5	3.5	3.0	2.9
	H	01.13	38.9		0.8	+	+	+	4.4	7.6		
	Z	01.13	38.0		0.5	-	+	-	1.7	1.2		
03	A	01.28	56.5		0.5			-	1.5	0.9	2.7	2.4
	H	01.28	57.7		0.8		+		3.2	7.6		
	Z	01.28	56.7		0.5	-	+	-	0.8	0.9		
03	A	01.59	40.2		0.8			+	5.5	3.6	4.9	3.1
	H	01.59	40.4		0.8			+	3.4	13.4		
	Z	01.59	40.4		1.0			-	0.6	0.8		
03	A	03.59	16.0		0.7	+	+	-	54.0	48.5	4.0	4.5
	H	03.59	16.8		1.0			+	26.0	46.0		
	Z	03.59	16.0		0.6	-	+	-	11.5	18.2		
03	A	04.27	14.5		0.5			+	3.0	3.6	2.9	2.6
	H	04.27	15.2		0.8	+			3.8	4.2		
	Z	04.27	14.4		0.5	-	+		0.8	1.0		
03	A	04.40	52.6		0.9			+	0.6	0.7	2.3	2.7
	H	04.40	52.9		0.8	-		-	3.7	2.2		
	Z	04.40	52.2		0.5				3.2	1.0		
03	A	06.80	02.4		0.7			+	4.0	5.0	5.0	3.1
	H	06.80	03.2		1.0		+	+	4.8	5.8		
	Z	06.80	02.8		0.8			-	1.0	1.2		
03	A	07.39	17.4		0.6				3.2	2.3	4.2	2.9
	H	07.39	18.2		0.9				4.5	4.4		
	Z	07.39	17.7		0.8			+	0.8	1.2		
03	A	10.18	24.2		0.6			+	4.0	8.2	3.8	3.3
	H	10.18	25.2		0.9			+	8.6	11.8		
	Z	10.18	24.4		0.6		+	-	0.8	2.4		
03	A	14.08	13.4		0.7		+	+	3.0	2.8	2.7	3.1
	H	14.08	13.8		0.7			+	3.0	5.0		
	Z	14.08	13.1		0.5		+	-	4.1	2.5		
03	A	16.08	15.3		0.9	-	+	-	6.5	12.9	3.5	3.7
	H	16.08	16.1		0.8	+	+	+	10.0	18.2		
	Z	16.08	15.4		0.6	-	+	-	1.2	3.3		
03	A	16.28	24.3		1.0		+	+	7.2	18.5	2.2	3.8
	H	16.28	24.0		0.5				9.4	16.8		
	Z	16.28	24.2		0.8	-	+	-	1.9	1.1		
03	A	20.16			0.6		+	+	5.4	4.7	3.6	3.1
	H	20.16	15.3		0.9	+	+	+	4.1	4.9		
	Z	20.16			0.6	-	+	-	1.0	1.7		
03	A	20.47	48.2		0.5			+	3.0	5.2	3.3	2.7
	H	20.47	49.2		0.9	+		+	2.2	3.2		
	Z	20.47	48.4		0.6			-	0.6	0.7		
03	A	21.54	14.6		0.9		-	+	5.2	11.0	2.4	3.5
	H	21.54	14.7		0.4			+	18.7	29.0		
	Z	21.54	14.7		0.9	-	+	-	1.2	1.2		
03	A	23.58	51.0		0.6		-	+	**	**	3.4	3.0
	H	23.58	51.9		0.9	+	+	+				
	Z	23.58	51.0		0.6		+	-	1.2	3.2		
04	A	00.23	50.3		0.8	-	-	+	12.1	22.5	5.0	3.9
	H	00.23	51.2		0.9	+	+	+	19.8	19.3		
	Z	00.23	50.7		0.8	-	+	-	3.3	1.6		
04	A	01.36	22.9		0.4	-	+		2.6	3.0	2.4	2.5
	H	01.36	23.9		0.9			+	4.4	3.8		
	Z	01.36	23.0		0.5	-	+		0.5	0.8		
04	A	01.38	43.1		0.5			-	1.7	1.5	3.1	2.3
	H	01.38	43.7		0.9			+	2.6	3.1		
	Z	01.38	42.8		0.6	-	+	-	0.4	0.6		
04	A	12.53	45.2		0.9	+		+	3.9	14.9	3.1	3.3
	H	12.53	45.0		0.6	+		+	9.2	12.4		
	Z	12.53	45.2		0.8	-	+		0.6	0.7		
04	A	18.32	03.6		0.6			-	2.6	1.8	3.8	2.7
	H	18.32	04.6		1.0			+	4.4	6.8		
	Z	18.32	04.1		0.6				1.0	1.1		
04	A	19.38	06.6		0.9	+	+	+	9.5	9.7	6.0	3.7
	H	19.38	07.5		1.0			-	5.9	4.2		
	Z	19.38	06.9		0.9			-	2.9	1.8		
04	A	20.17	17.1		0.5		+	+	6.6	17.0	3.5	3.2
	H	20.17	18.3		0.9		+	+	4.1	4.7		
	Z	20.17	18.0		0.7	-	+	-	0.5	0.9		
04	A	22.08	21.9		1.1			+	0.8	1.3	2.4	2.6
	H	22.08	21.8		1.0				3.4	2.7		
	Z	22.08			0.6				0.8	0.8		
05	A	00.37	18.3		0.5	+			5.3	8.8	2.9	3.1
	H	00.37	19.3		0.9		+	-	5.6	9.0		
	Z	00.37	18.8		0.5				1.4	1.6		
05	A	00.37	29.1		0.5		+		4.1	4.1	2.4	2.7
	H	00.37	29.9		0.9			+	3.0	7.4		
	Z	00.37	29.4		0.4	-			1.7	1.3		
05	A	00.37	34.3		0.7				1.4	1.7	2.0	2.2
	H	00.37	35.2		0.7			-	1.5	3.2		
	Z	00.37	34.6		0.4	-		-	0.5	0.2		
05	A	01.01	42.1		0.5			+	0.7	1.1	1.8	1.9
	H	01.01	42.9		0.7				2.5	3.4		
	Z	01.01	42.2		0.4			-	0.4	0.4		

Observations by the Network of the Earthquake Research Institute during
Oct. 1965 to Dec. 1966

25

Jan. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
05	A	04.25			0.6			+	8.6	7.9	4.3	3.3
	H	04.25	44.6		1.1		+	5.0	8.6			
	Z	04.25	44.1		0.8	+	-		2.1	1.1		
05	A	09.39	07.1		0.6	+		+	6.3	8.1	4.5	3.1
	H	09.39	07.7		1.0		+	+	3.0	6.5		
	Z	09.39	07.4		0.8			-	0.8	0.5		
05	A	12.09	58.2		0.7	+		+	3.1	9.5	2.1	3.3
	H	12.09	58.5		0.5				6.0	13.0		
	Z	12.09	59.4		0.6	-	-	-	1.6	2.1		
05	A	12.45	03.1		0.6				18.3	39.5	4.5	4.1
	H	12.45	04.2		1.0		+	+	7.2	12.5		
	Z	12.45	03.8		0.8	-	+	-	2.2	4.3		
05	A	14.05	18.1		0.5	+	+	+	19.9	30.9	3.7	3.8
	H	14.05	19.2		0.9	+	+	+	12.0	7.8		
	Z	14.05	19.0		0.8		+	-	4.0	4.4		
05	A	18.35	31.6		0.9		-	+	1.6	2.0	2.6	3.1
	H	18.35			0.8	-			7.6	7.4		
	Z	18.35	30.9		0.5				4.3	2.0		
05	A	22.02	15.6		1.0	+		+	1.0	1.8	3.8	2.8
	H	22.02	15.5		0.7				3.6	3.7		
	Z	22.02	14.9		0.9				0.8	0.5		
06	A	01.46	09.2		0.5	+		+	5.8	4.0	3.2	3.2
	H	01.46	10.3		0.9			+	3.4	2.3		
	Z	01.46	08.7		0.5			-	0.8	3.8		
06	A	05.04	00.6		0.6	+		+	1.8	3.8	2.7	2.5
	H	05.04	00.8		0.6	+	+	+	6.5	9.8		
	Z	05.04	00.9		0.6				0.4	0.4		
06	A	07.46	34.3		0.6	-	-	+	4.5	9.0	4.0	3.2
	H	07.46	35.2		0.8			+	3.4	3.9		
	Z	07.46	33.7		0.8		+	-	1.1	0.6		
06	A	09.15	39.6		0.7	+		+	1.2	1.0	3.5	3.0
	H	09.15	40.2		0.9			+	3.4	2.7		
	Z	09.15	39.4		0.5		+	-	7.6	4.6		
06	A	12.49	10.6		0.9	+		+	0.6	0.8	3.8	2.4
	H	12.49	10.6		1.0	+	-	-	4.0	4.2		
	Z	12.49	10.3		0.6			+	0.9	1.1		
06	A	13.35	06.2		1.2		+	+		3.5	7.7	3.2
	H	13.35	05.5		1.1	-	+	-	11.4	6.6		
	Z	13.35	05.8		1.2				0.7	0.7		
06	A	13.46	13.7		0.8	+		+	1.2	2.4	4.7	2.8
	H	13.46	14.5		0.9	-	-		3.2	2.8		
	Z	13.46	13.2		0.7				0.9	0.8		
06	A	14.23	54.3		0.9					0.5	4.2	2.2
	H	14.23	54.6		0.8	-	-	-	3.2	3.6		
	Z	14.23	53.9		0.5			+	0.4	0.5		
06	A	18.45	25.6		1.0			+	0.7	1.8	2.5	2.8
	H	18.45	26.1		1.3	-	-		3.1	2.4		
	Z	18.45	25.3		0.5				1.8	1.6		
06	A	21.31	03.5		0.7	-		+	1.9	4.4	3.0	2.7
	H	21.31	03.8		0.6		+		3.9	6.8		
	Z	21.31	03.8		0.7	-		-	0.6	0.6		
06	A	23.15	48.6		0.8		+	+	3.4	3.6	5.1	3.1
	H	23.15	49.0		1.4		-	+	3.3	1.0		
	Z	23.15	49.0		0.9	-		+	0.6	1.1		
07	A	00.29	21.8		0.5	-			12.4	12.0	3.7	3.4
	H	00.29	22.6		1.0	-	+	+	5.0	6.7		
	Z	00.29	22.3		0.8			+	0.9	2.2		
07	A	01.50	12.3		1.3			+	1.9	5.4	6.4	3.9
	H	01.50	14.9		1.2	-	-	-	**	14.4		
	Z	01.50	14.2		1.0		+	+	6.4	12.2		
07	A	05.28	40.8		0.8	-	+	-	2.6	3.9	3.8	3.0
	H	05.28	41.7		1.2	-	-		4.3	4.2		
	Z	05.28	39.9		0.6		-	+	1.2	0.9		
07	A	06.33	39.8		0.6			+	1.9	1.4	3.2	3.2
	H	06.33	40.0		0.9	+	+		8.5	7.4		
	Z	06.33	39.6		0.5	-		-	9.2	7.1		
07	A	10.12	54.1		0.8		+	+	0.6	3.3	2.3	3.0
	H	10.12	54.4		1.0	-		-	3.9	2.3		
	Z	10.12	53.6		0.4		+	+	1.3	3.0		
07	A	10.17	26.4		0.8	-	+	+	5.2	4.8	4.7	3.2
	H	10.17	27.0		1.2	-	-	+	5.2	4.0		
	Z	10.17	26.2		0.7	+	-	+	2.0	2.0		
08	A	02.53	55.7		0.9	-	-		5.6	5.5	5.4	3.2
	H	02.53	56.2		1.0			+	4.7	7.0		
	Z	02.53	56.2		0.8	-		-	1.2	0.8		

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
08	A	03.09	54.0		0.4	-	+	+	3.2	3.3	2.7	2.4
	H	03.09	54.8		0.9	-			3.2	4.8		
	Z	03.09	54.5		0.6				0.2	0.6		
08	A	03.10	26.0		1.1	-	+	+	2.2	1.5	1.5	3.0
	H	03.10	27.0		1.2		-	-	3.8	3.2		
	Z	03.10	26.0		0.5				2.0	1.9		
08	A	07.09	32.5		0.7	-		+	0.8	0.8	2.7	2.4
	H	07.09	32.8		0.7	-			2.0	2.8		
	Z	07.09	32.6		0.5			-	1.0	1.2		
08	A	07.33	55.5		0.7	-	+	+	9.2	6.6	4.9	3.2
	H	07.33	56.2		0.9	+	+	+	3.2	7.1		
	Z	07.33	56.1		0.9				0.7	1.0		
08	A	07.59	33.0		1.0	+		+	6.5	5.0	5.6	3.2
	H	07.59	33.0		0.8			+	6.7	12.6		
	Z	07.59	33.6		1.1				0.6	0.3		
08	A	13.06	34.4		0.9	-			1.4		3.6	3.0
	H	13.06	34.8		1.2	+		-	2.1	4.0		
	Z	13.06	33.7		0.5			+	3.6	1.5		
08	A	19.08	50.6		0.6			+	3.4	2.2	2.9	2.8
	H	19.08	51.0		1.0	+	+	+	4.2	5.4		
	Z	19.08	50.5		0.5		+	-	2.1	1.1		
08	A	20.37	35.9		1.1				6.4	3.2	7.4	3.5
	H	20.37	35.9		1.0		+	+	15.9	8.5		
	Z	20.37	36.5		1.3			-	1.1			
08	A	22.34	31.4		0.8	+			53.0	34.0	3.7	4.7
	H	22.34	30.4		1.0	+	+	+	41.5	44.0		
	Z	22.34	31.1		0.5	-	+	-	27.5	23.0		
08	A	22.44	54.8		0.5			+			3.0	1.9
	H	22.44	55.4		0.8				3.4	3.8		
	Z	22.44	55.4		0.7	-			0.2	0.4		
09	A	03.23	38.2		0.7	-	+	+	2.4	2.6	3.1	3.2
	H	03.23	38.2		0.9	-	-	-	2.8	4.0		
	Z	03.23	37.6		0.5	-		-	6.4	6.2		
09	A	03.26	59.1		0.7	-	+	+	2.1	2.4	4.6	2.8
	H	03.26	59.8		0.9	+		-	3.2	3.8		
	Z	03.26	59.3		0.8				1.0	0.7		
09	A	10.35	34.9		0.8	+			4.4	4.0	4.2	3.2
	H	10.35	35.6		0.9			+	4.4	3.0		
	Z	10.35	35.0		0.6	-	+	-	1.2	2.2		
09	A	11.20	12.9		0.7	+		+	8.7	13.2	2.5	3.8
	H	11.20	13.4		0.9				4.3	7.5		
	Z	11.20	12.6		0.4	-			12.2	4.9		
09	A	11.20	15.9		0.6	-	+		9.0	11.8	2.1	3.7
	H	11.20	16.4		0.8				5.6	8.4		
	Z	11.20	15.6		0.4			-	12.9	13.7		
09	A	22.49	07.5		0.6			+	2.2	5.5	3.1	2.9
	H	22.49	07.7		0.6	-		+	4.5	6.7		
	Z	22.49	07.8		0.7		+	+	0.6	0.9		
09	A	22.53	17.1		1.0	-	-	+	1.1	1.4	3.8	2.5
	H	22.53	17.1		0.7				2.2	2.8		
	Z	22.53	17.4		0.9				0.3	0.3		
10	A	08.01	14.1		1.1	+		+	0.7	0.9	3.8	3.0
	H	08.01	14.2		1.1				3.0	1.8		
	Z	08.01	13.5		0.7			+	0.8	3.4		
10	A	09.21	54.6		0.8	+			8.6	4.6	4.7	3.7
	H	09.21	54.6		1.0		+	+	8.2	8.4		
	Z	09.21	54.2		0.7		+	-	3.5	7.2		
10	A	09.30	23.6		0.6				6.3	4.0	4.3	2.7
	H	09.30	24.1		0.9	+		+	3.0	3.2		
	Z	09.30	24.0		0.8			+	0.2	0.3		
10	A	14.06	00.9		0.7						4.3	2.3
	H	14.06	00.8		0.8		+		4.2	2.6		
	Z	14.06	01.3		1.1				0.4	0.3		
10	A	19.33	30.6		1.0						4.9	2.4
	H	19.33	30.5		1.0			-	2.4	1.7		
	Z	19.33	30.2		0.7			+	0.7	0.8		
10	A	22.52	49.9		0.7			+			4.5	2.4
	H	22.52	50.6		1.0		+	+	5.4	7.8		
	Z	22.52	50.4		0.7		-	+	1.2	0.9		
11	A	12.15	35.9		0.8			-			4.1	1.9
	H	12.15	35.7		0.7		+		2.4	5.8		
	Z	12.15	36.5		1.1				0.2			
12	A	00.05	06.6		1.0	-		+	4.8	3.4	5.5	2.8
	H	00.05	06.5		0.8			+	3.8	11.0		
	Z	00.05	07.3		1.2			-	0.2	0.2		

Seismological Data of Matsushiro Earthquake Swarm (Report II)

Jan. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude	
		h	m	s		S-P	E	N	U	E-W			N-S
Date	Station	h	m	s	S-P	E	N	U	E-W	N-S	Depth (km)	Magnitude	
12	A	00.24	29.1		0.7	+		+	2.0	3.8			
	H	00.24	29.1		0.7			-	2.6	5.7	3.4	2.9	
	Z	00.24	29.2		0.6			-	0.7	1.1			
12	A	01.26	53.4		0.8	-	-	-	35.1	19.3			
	H	01.26	53.9		1.0		+		6.4	7.3	5.5	3.8	
	Z	01.26	54.0		1.0			-	1.1	1.3			
12	A	18.13	29.9		0.6	-			11.8	6.0			
	H	18.13	30.1		0.8				2.9	3.1	3.7	2.9	
	Z	18.13	30.1		0.8			+	0.5	0.5			
13	A	04.32	23.8		0.5				2.9	1.5			
	H	04.32	24.6		0.9				2.6	2.5	3.4	2.3	
	Z	04.32	24.3		0.7				0.3	0.2			
14	A	00.08	15.4		0.8		+	+	1.0	0.6			
	H	00.08	16.1		1.1				1.3	2.7	3.3	2.2	
	Z	00.08	15.1		0.5			+	0.5	0.4			
14	A	00.12	08.8		0.9	+	+		2.0	1.6			
	H	00.12	09.6		1.2	-		-	1.8	2.9	2.3	2.5	
	Z	00.12	08.8		0.4				0.8	0.3			
14	A	00.34	24.1		0.6		+	-	6.2	3.2			
	H	00.34	25.0		1.1	+		+	4.0	5.7	3.4	2.9	
	Z	00.34	24.1		0.6			+	1.7	2.8			
14	A	01.42	03.9		0.5				6.7	5.0			
	H	01.42	04.5		0.9		+	+	3.4	2.0	3.7	2.6	
	Z	01.42	04.6		0.8				0.3	0.2			
14	A	02.28	54.5		0.6		+		23.3	27.3			
	H	02.28	55.2		1.0		+	+	2.9	6.0	4.3	3.8	
	Z	02.28	54.9		0.7	-		-	1.9	3.0			
14	A	08.39	03.3		0.7				1.4	2.0			
	H	08.39	04.0		0.9			+	2.6	3.8	4.2	3.0	
	Z	08.39	03.5		0.7				0.4	0.4			
14	A	08.50	33.9		0.6	-	-	+	8.8	4.5			
	H	08.50	34.4		0.8		-	+	2.2	2.7	4.2	2.8	
	Z	08.50	34.4		0.8				0.3	0.2			
14	A	09.57	25.4		0.7	+		-	6.9	5.0			
	H	09.57	25.9		1.0		+	+	5.2	8.0	4.1	3.3	
	Z	09.57	26.3		0.6				2.8	1.5			
14	A	10.26	44.7		0.8		+	+	4.9	4.7			
	H	10.26	45.6		0.8				2.2	2.4	4.3	3.2	
	Z	10.26	45.3		0.7	-	+	-	1.1	1.7			
14	A	12.43	43.1		0.8	+	-	+	3.3	3.0			
	H	12.43	43.9		1.1	+	+	+	5.2	6.3	3.4	3.1	
	Z	12.43	43.3		0.5		+	-	3.2	1.5			
14	A	12.54	37.4		0.8	+		-	1.1	0.8			
	H	12.54	37.8		1.0	-			1.7	2.8	3.7	2.6	
	Z	12.54	37.2		0.5		-	+	0.6	1.5			
14	A	15.21	19.8		0.6		-	+	2.0	2.0			
	H	15.21	20.6		0.9	-		+	3.3	3.7	4.3	2.5	
	Z	15.21	20.4		0.8			-	0.5	0.5			
14	A	15.48	17.8		0.7			+	2.2	3.3			
	H	15.48	18.5		0.8			+	3.3	4.2	4.0	2.5	
	Z	15.48	18.4		0.7				0.4	0.4			
14	A	15.57	49.1		0.7	-			34.5	16.2			
	H	15.57	49.6		1.0		-	+	4.2	5.0	5.0	3.8	
	Z	15.57	49.7		1.0	-	+	-	1.4	1.1			
14	A	16.00	51.2		0.8	-	+	+	36.5	25.8			
	H	16.00	51.7		1.0		+	+	8.0	17.6	5.1	3.7	
	Z	16.00	51.8		0.8			-	0.9	1.0			
14	A	17.06	50.0		0.7	+			8.5	5.9			
	H	17.06	51.3		1.0		-		2.2	2.4	4.3	3.4	
	Z	17.06	50.6		0.6	+	-	+	2.8	1.8			
14	A	17.42				+	+	+	3.2	2.0			
	H	17.42					+	+	3.4	3.5	3.6	3.1	
	Z	17.42				-	+	-	3.8	2.5			
15	A	01.21	14.4		1.0		-	+	32.0	40.0			
	H	01.21	13.8		0.6		+	-	41.0	53.0	4.2	4.3	
	Z	01.21	14.7		1.2		-	+	4.0	4.5			
15	A	06.04	10.2		0.7	+	+	+	14.9	10.4			
	H	06.04	10.9		1.0		+	+	11.0	12.3	5.0	3.8	
	Z	06.04	10.6		0.8	-	+	-	4.4	4.7			
15	A	10.05	18.6		0.7	-			5.1	6.5			
	H	10.05	19.0		0.7				11.2	15.8	2.9	3.5	
	Z	10.05	18.8		0.5	-	+	-	8.2	8.2			
15	A	11.30	23.6		0.6			+	1.3	3.4			
	H	11.30	23.8		0.6			+	3.4	5.7	2.7	2.9	
	Z	11.30	24.1		0.7			-	0.1	0.2			
15	A	12.20	57.1		0.7	-	+	+	2.4	1.6			
	H	12.20	57.6		1.1		-	+	2.3	3.4	3.9	2.8	
	Z	12.20	57.2		0.6		+	-	1.3	1.4			
15	A	12.56	59.4		0.5	-		+	4.2	4.4			
	H	12.57	00.0		0.8	-	-	+	3.8	4.0	3.6	2.5	
	Z	12.56				-		-	0.4	0.2			
15	A	15.31	06.6		0.4	-		+	1.0	0.8			
	H	15.31	06.2		0.8			+	3.2	3.8	2.6	2.2	
	Z	15.31	06.8		0.9				0.6	0.3			
15	A	18.34	46.8		0.6	-	+	+	1.2	1.2			
	H	18.34	47.5		0.9	-	-	+	3.8	6.0	3.1	2.4	
	Z	18.34	46.7		0.5	-	+	-	1.3	1.1			
16	A	01.04	06.1		0.6		+	-	1.2	1.2			
	H	01.04	06.6		0.8				2.4	2.4	3.9	2.0	
	Z	01.04	06.8		0.7				0.2	0.2			
16	A	01.59	05.4		0.6			-	5.5	4.6			
	H	01.59	08.8		1.0				2.6	3.2		3.4	
	Z	01.59											
16	A	02.49	16.3		0.6	+	+	+	14.1	9.0			
	H	02.49	17.0		0.9		-	+	2.8	5.1	4.4	2.9	
	Z	02.49	17.1		0.8	-		-	0.3	0.2			
16	A	02.49	23.6		0.9	-		+	28.7	16.4			
	H	02.49	24.8		1.0				2.4	4.8	5.8	3.5	
	Z	02.49	24.8		0.9		+	-	0.6	0.4			
16	A	03.20	46.8		0.9				0.4				
	H	03.20	46.3		0.9			+	2.6	4.4		2.0	
	Z	03.20											
16	A	05.10	39.5		0.6				2.1	5.8			
	H	05.10	39.4		0.7		+	+	4.9	3.0	3.1	3.1	
	Z	05.10	39.6		0.6	-	+	-	0.9	1.8			
16	A	05.14	00.8		0.7		+	+	0.9	1.1			
	H	05.14	01.1		0.8			2.7	2.0	2.8	2.6	2.1	
	Z	05.14	00.9		0.5			-	0.4	0.3			
16	A	07.54	09.8		0.5			+	1.2	1.8			
	H	07.54	09.4		0.8		+	+	**	8.5		2.4	
	Z												
16	A	08.56	17.9		0.6	-			9.6	8.8			
	H	08.56	18.3		0.7			+	3.4	5.0	3.4	3.0	
	Z	08.56	18.2		0.9		+		0.3	0.6			
16	A	10.12	03.1		0.5	+	+		8.5	3.9			
	H	10.12	03.6		0.9			+	3.6	4.8	3.3	2.6	
	Z	10.12	03.5		0.8			-	0.2	0.3			
16	A	10.20	58.2		1.0	+		-	0.4	1.0			
	H	10.20	57.4		0.5				2.3	5.4		2.7	
	Z	10.20											
16	A	10.22	53.2		0.5	+	+	-	4.8	2.8			
	H	10.22	53.9		0.8	+			2.6	2.8		3.1	
	Z												

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

27

Jan. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
17	A H Z	02.33 02.33 02.33	49.1 48.9		0.9 0.7		- +		2.3 1.8	3.7 2.9		3.4
17	A H Z	03.57 03.57 03.57	11.6 11.8		0.8 0.6		- +		2.0	5.4		2.9
17	A H Z	07.48 07.48 07.48	21.7 21.6		0.9 0.6		- +		2.0	2.9		2.5
17	A H Z	08.12 08.12 08.12	35.5 35.7 35.4		0.7 0.8 0.5		+-		3.0 1.2	2.3 0.6	3.1	2.4
17	A H Z	09.12 09.12 09.12	05.8 05.8		1.0 0.6							2.6
17	A H Z	10.29 10.29 10.29	04.4 04.7 04.8		0.5 0.6 0.6	-	-	+	2.6 2.5	4.6 0.8	1.9	2.2
17	A H Z	12.23 12.23 12.23	02.4 03.4 02.9		0.7 1.1 0.7	+	-	+	8.4 2.9 2.0	9.8 5.0 1.9	4.3	3.4
17	A H Z	14.30 14.30 14.30	57.3 58.3		0.8 1.1 0.5	-		+	2.7 3.1 4.6	2.2 4.5 2.2	3.8	3.2
17	A H Z	15.51 15.51 15.51	39.5 40.4 40.0		0.6 1.0 0.7	+	+	+	12.8 9.0 3.4	10.8 15.6 5.4	3.8	3.7
17	A H Z	16.27 16.27 16.27	55.6 56.3 56.2		0.6 0.9 0.8	+	+	+	7.3 2.2 1.1	11.8 3.4 1.1	4.3	3.2
17	A H Z	21.31 21.31 21.31	03.2 02.1		1.1 0.6	-	-	+	1.0 1.8	1.0 5.0		2.8
17	A H Z	23.02 23.02 23.02	06.0 06.5		0.7 0.9	-		+	6.7 1.6	3.5 3.1		3.5
17	A H Z	23.57 23.57 23.57	36.5 36.9 37.7		1.0 0.7 1.1	+	+	+	4.1 3.6 0.3	2.0 3.4 0.2	4.8	2.8
18	A H Z	00.15 00.15 00.15	49.1 48.5		0.9 0.6			+	0.4 2.5	0.7 5.0		2.5
18	A H Z	00.20 00.20 00.20	37.3 36.5		0.9 0.4		+	+	0.3 2.6	0.8 3.8		2.6
18	A H Z	02.58 02.58 02.58	08.6 08.2 08.8		1.0 0.6 1.0	-	-		5.4 2.6 0.2	5.6 3.4 0.2	4.1	2.8
18	A H Z	03.17 03.17 03.17	12.4 13.0 12.6		0.6 1.0 0.7	-	-	+	2.3 3.5 0.4	2.7 5.9 0.8	3.9	2.7
18	A H Z	04.19 04.19 04.19	26.4 27.2 26.8		0.7 1.1 0.7	-	-	+	8.9 4.4 1.3	8.1 7.5 0.9	4.6	3.2
18	A H Z	04.26 04.26 04.26	51.2 52.5 52.2		0.9 1.1 0.7		+	+	1.5 1.9 0.4	1.3 3.2 0.4	5.3	2.4
18	A H Z	11.18 11.18 11.18	24.3 24.5 24.0		0.7 0.9 0.5	+	+	+	6.2 6.4 4.6	3.5 5.8 2.6	3.3	3.3
18	A H Z	12.39 12.39 12.39	25.6 25.5 26.0		1.1 0.9 0.9	-	-	+	5.8 11.3 0.7	3.8 12.6 1.0	4.6	3.2
18	A H Z	13.18 13.18 13.18	56.6 56.0		1.1 0.7	+	+	+	0.3 3.1	0.3 2.7		2.1
18	A H Z	16.46 16.46 16.46	25.7 25.4 25.0		1.1 1.1 0.6	-	-	+	1.2 3.9 3.1	1.0 2.3 2.4	3.8	3.0
18	A H Z	17.16 17.16 17.16	15.9 16.0 15.6		0.9 0.9 0.5	+	-	+	5.4 13.4 9.0	5.0 14.0 10.4	3.4	3.6
18	A H Z	17.47 17.47 17.47	20.0 20.7 20.4		0.4 0.9 0.5	+	+	+	9.2 5.7 0.4	10.6 8.0 1.8	2.1	2.8
18	A H Z	17.52 17.52 17.52	00.0 00.9 00.5		0.6 1.0 0.6		+		6.9 3.5 1.9	6.0 4.5 0.6	3.6	3.1
18	A H Z	17.58 17.58 17.58	47.55 47.9		0.6 0.8		-	+	33.6 1.0	8.7 3.0		4.5
18	A H Z	18.10 18.10 18.10	48.2 48.1 47.8		0.5 0.8 0.4		-	+	1.0 2.7 3.3	1.1 3.8 1.5	2.3	2.6
18	A H Z	18.25 18.25 18.25	20.4 20.3 19.9		0.8 0.9 0.5		+	+	4.4 6.5 6.8	5.4 8.1 6.0	3.5	3.5
18	A H Z	22.31 22.31 22.31	08.1 08.3 07.8		0.9 1.0 0.4				6.2 8.6 3.2	3.0 7.0 2.2	2.8	3.3
18	A H Z	22.32 22.32 22.32	46.6 46.7 46.2		0.9 1.0 0.5	+			2.2 6.5 2.8	1.6 6.9 1.7	3.2	3.0
19	A H Z	04.05 04.05 04.05	30.9 29.9		0.8 0.3		-			0.2 2.4		1.6
19	A H Z	06.43 06.43 06.43	56.2 57.0		0.5 0.9	+	+	+	16.8 6.0	8.1 3.8		3.9
19	A H Z	09.31 09.31 09.31	03.7 04.0		0.5 1.0				2.5 2.0	1.2 3.6	2.7	
19	A H Z	12.26 12.26 12.25	00.0 00.1 59.7		0.8 0.9 0.5	-		+	1.0 3.5 1.5	1.2 4.9 1.9	3.4	2.7
19	A H Z	19.11 19.11 19.11	35.8 36.1 36.0		0.7 0.9 0.6	-	+	+	2.4 4.2 1.5	2.6 5.2 0.7	3.8	2.8
19	A H Z	19.14 19.14 19.14	40.5 40.8 40.6		0.7 0.9 0.6		+	+	0.8 1.5 0.3	0.7 2.4 0.2	4.0	2.0
20	A H Z	03.09 03.09 03.09	31.8 32.1 32.1		0.7 0.8 0.7	-	+	+	3.0 3.0 0.4	2.0 3.7 0.5	4.4	2.6
20	A H Z	10.24 10.24 10.24	42.0 42.2		0.5 0.9 0.8	+		+	7.2 6.4 0.6	5.0 6.7 0.7	3.8	2.9
20	A H Z	12.50 12.50 12.50	51.6 52.0 51.9		0.8 1.2 0.4		-	+	3.9 7.8 3.9	3.0 8.4 3.6	2.6	3.1
20	A H Z	14.03 14.03 14.03	06.6 06.8 06.4		0.7 0.8 0.5	-	-	+	1.6 3.1 0.3	1.5 3.1 0.4	2.7	2.2
20	A H Z	15.32 15.32 15.32	18.8 18.6 19.1		0.8 0.6 1.0	+	+	-	3.8 3.2 0.3	3.9 2.8 0.2	4.1	2.7
20	A H Z	15.34 15.34 15.34	34.6 34.4 34.4		0.6 1.1 0.7	+		+	3.0 6.4 0.8	3.1 8.3 1.1	4.0	2.8
20	A H Z	17.48 17.48 17.48	31.2 31.2 31.3		0.6 0.9 1.0	+	+	+	2.2 3.4 0.3	2.5 2.2 0.3	4.2	2.5
20	A H Z	23.58 23.58 23.58	56.7 56.3 57.1		1.0 0.8 1.0	-	+	+	9.2 11.1 1.2	5.2 13.8 0.7	5.6	3.5
21	A H Z	02.35 02.35 02.35	12.3 12.8 11.9		0.7 1.0 0.5	+			2.4 2.6 1.6	2.0 3.2 1.3	3.3	2.8
21	A H Z	05.36 05.36 05.36	48.2 48.4 48.1		0.6 0.8 0.4		+	+	0.7 1.6 0.4	0.8 2.4 0.6	2.1	2.0
21	A H Z	06.58 06.58 06.58	55.9 56.2 56.3		0.6 0.8 0.6	+			1.1 1.9 0.2	1.5 2.8 0.2	3.6	2.0
21	A H Z	13.09 13.09 13.09	14.6 14.9 14.6		0.5 0.8 0.4	+	+	+	5.2 1.7 0.7	3.4 3.2 1.0	2.0	2.6
21	A H Z	14.51 14.51 14.51	25.1 25.2 24.6		0.8 0.9 0.4	+	-	+	2.6 8.2 10.0	2.1 6.0 8.6	1.7	3.3

Seismological Data of Matsushiro Earthquake Swarm (Report II)

Jan. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
21	A	15.56	54.2		0.7			+	2.0	2.0		
	H	15.56	54.4		0.8		+		3.0	2.6	2.0	2.7
	Z	15.56	53.9		0.3			-	3.0	1.6		
22	A	01.56	00.0		1.0	+		+	15.5	21.7		
	H	01.55	59.6		0.7		+		12.1	12.6	4.0	3.4
	Z	01.56	00.9		0.8			-	1.6	1.6		
22	A	03.17	28.8		0.5	+			17.8	8.2		
	H	03.17	29.6		0.9		+	+	4.9	4.0	3.6	3.2
	Z	03.17	29.0		0.7	-	+	-	0.6	0.7		
22	A	03.58	45.9		0.8		+		2.1	1.8		
	H	03.58	46.5		1.0			-	3.7	3.2	2.4	3.0
	Z	03.58	45.8		0.4	+	-	+	2.9	4.5		
22	A	09.35	25.0		0.9		+	-	1.6	1.2		
	H	09.35	25.5		1.0				2.5	1.8	4.7	2.5
	Z	09.35	24.7		0.7				0.5	0.6		
22	A	14.10	01.1		0.7	+	-	-	8.5	4.5		
	H	14.10	01.4		1.0		+	+	6.4	3.1	5.2	3.1
	Z	14.10	01.6		1.0				0.3	0.5		
22	A	17.52	27.4		0.6	+	-	+	0.8	1.3		
	H	17.52	27.4		0.8	+	+		3.8	5.0	2.8	2.1
	Z	17.52	27.4		0.5				0.5	0.4		
22	A	22.03	49.9		0.5			+	8.1	3.0		
	H	22.03	50.4		0.9			+	2.3	3.4	3.8	2.8
	Z	22.03	50.4		0.8			-	0.2	0.5		
22	A	22.16	22.9		0.8		+	-	2.1	1.4		
	H	22.16	23.4		1.1	+		+	2.0	3.7	4.5	3.0
	Z	22.16	22.6		0.6			+	2.5	1.5		
23	A	06.46	51.2		0.8				1.1	1.0		
	H	06.46	51.4		0.9				3.1	2.4	4.5	2.4
	Z	06.46	51.0		0.6			-	0.6	0.4		
23	A	06.55			0.8	-		-	0.7	0.4		
	H	06.55	12.7		0.9	+	+	+	5.8	3.2	5.1	2.5
	Z	06.55	12.5		0.8	-	+	-	0.7	0.9		
23	A	11.57	34.8		0.6	+	+	+	12.4	14.2		
	H	11.57	35.3		1.0	+	+	+	3.9	9.0	4.3	3.3
	Z	11.57	35.2		0.7	-		-	1.1	1.1		
23	A	11.58	12.4		0.6	+	+		6.0	6.4		
	H	11.58	12.7		1.1		-	+	2.1	3.2	4.1	2.8
	Z	11.58	12.7		0.8			-	0.5	0.4		
23	A	12.07	01.3		0.6	-	+	+	38.0	17.2		
	H	12.07	02.1		1.0		+	+	4.1	2.4	4.1	3.7
	Z	12.07	01.9		0.8		+	-	1.8	1.1		
23	A	12.24	51.7		0.8	+		+	2.2	5.4		
	H	12.24	51.4		0.6	+			8.0	8.9	3.8	2.9
	Z	12.24	52.0		0.8		+	-	0.3	0.6		
23	A	20.15	57.9		0.6	-	+	+	64.0	50.0		
	H	20.15	58.8		1.2	-	+	+	29.0	30.0	2.9	4.6
	Z	20.15	58.1		0.5	+	-	+	24.0	23.0		
23	A	20.17	31.5		0.8	-		+	4.8	6.8		
	H	20.17	32.9		1.3			+	3.0	3.6	2.7	3.1
	Z	20.17	31.7		0.6		-	+	1.3	1.4		
23	A	20.34	33.9		0.9		+		4.8	2.9		
	H	20.34	34.6		1.1				4.1		4.5	3.2
	Z	20.34	33.9		0.6	-	-	+	1.6	1.9		
23	A	20.46	45.7		0.7	-		+	4.4	3.3		
	H	20.46	47.5		0.4				2.3	3.2	2.3	2.9
	Z	20.46	45.9		0.8				0.7	0.4		
23	A	20.57	31.4		0.7			-	4.6	4.4		
	H	20.57	32.4		1.3		+	+	2.0	3.4	0.8	3.0
	Z	20.57	31.3		0.5	-	-	+	2.0	2.1		
23	A	21.17	03.1		0.6			+	3.7	4.5		
	H	21.17	03.6		1.2			+	2.4	4.8	1.3	3.0
	Z	21.17	02.7		0.5		-	+	1.8	2.3		
23	A	22.42	58.1		0.5	+	-	+	1.6	1.7		
	H	22.42	58.7		0.9			+	3.6	5.1	2.9	2.5
	Z	22.42	58.4		0.5				1.0	1.6		
24	A	00.54	18.8		0.8	-	+	-	17.0	15.2		
	H	00.54	19.2		1.2	-	-	-	7.0	14.8	2.1	4.0
	Z	00.54	18.5		0.4	-	-	+	13.9	17.7		
24	A	06.06	28.7		1.0	+		+	3.0	3.5		
	H	06.06	28.4		0.7			+	8.0	8.0	4.4	3.9
	Z	06.06	29.0		0.9			-	1.4	0.9		
24	A	21.29	22.5		0.7		-	+	9.6	6.9		
	H	21.29	22.5		0.8		+	+	5.3	11.0	4.5	3.1
	Z	21.29	23.0		1.0				0.4	0.5		
25	A	00.44	32.8		0.6	-			2.0	2.0		
	H	00.44	33.3		0.7	+		+	2.6	3.9	3.4	2.4
	Z	00.44	33.2		0.6		+	-	0.5	0.6		
25	A	01.06	32.0		1.0				4.2	3.8		
	H	01.06	32.5		1.0			+	3.3	4.8	3.7	3.2
	Z	01.06	31.6		0.6			+	1.8	2.5		
25	A	06.41	24.2		0.7	-			38.0			
	H	06.41	24.9		1.2	+	+	+	10.0	7.3	4.8	4.2
	Z	06.41	24.5		0.9	-	+	-	7.8	6.0		
25	A	09.02	46.2		0.5			+	2.4			
	H	09.02	47.4		1.0			-	3.8	4.2	3.3	2.8
	Z	09.02	46.6		0.6				2.2	0.8		
25	A	12.09	45.1		0.9			+	24.0			
	H	12.09	45.8		1.0	+	+	+	5.1	4.8	5.3	4.0
	Z	12.09	45.6		0.8	-	+	-	2.8	3.4		
25	A	12.26	12.4		1.1	+	-	+	4.7	2.0		
	H	12.26	12.2		1.1	-	+	+	10.2	7.5	7.3	3.2
	Z	12.26	12.7		1.2				0.6	0.4		
25	A	15.24	48.8		0.6							
	H	15.24	49.0		0.9	-			3.4	4.6	4.1	1.9
	Z	15.24	49.0		0.7			-	0.3	0.4		
25	A	19.20	19.9		0.7			+				
	H	19.20	20.3		0.9	+	+	+	8.0	8.3	4.8	3.3
	Z	19.20	20.3		0.8			-	3.8	1.6		
26	A	00.54	54.9		0.7			+				
	H	00.54	55.3		0.9			+	2.1	2.4	4.3	2.0
	Z	00.54	55.8		0.7			+	0.5	0.5		
26	A	01.51	53.1		0.8			+				
	H	01.51	53.4		0.9			+	2.8	2.7	4.9	2.6
	Z	01.51	53.4		0.9		+	-	0.9	0.8		
26	A	01.52	10.0		0.6			+				
	H	01.52	10.3		1.0			+	2.6	3.2	4.1	3.4
	Z	01.52	10.5		0.9	-	+	-	0.4	0.4		
26	A	04.36			0.7			-				
	H	04.36	33.5		0.9			-	3.2	2.6	4.6	2.7
	Z	04.36	33.6		0.9	-	+	-	1.0	0.4		
26	A	04.39	46.2		0.7			+				
	H	04.39	46.9		0.9	+		+	4.1	6.4	4.6	2.5
	Z	04.39	46.7		0.9	-	+	-	0.5	0.7		
26	A	06.37	17.6		0.9			-				
	H	06.37	18.6		1.2			+	1.7	1.8	5.6	3.0
	Z	06.37	17.6		0.8		+	+	2.3	1.7		
26	A	08.13	30.2		0.5			+				
	H	08.13	30.4		0.9			+	2.8	3.9	3.5	2.0
	Z	08.13	30.4		0.7			-	0.3	0.5		
26	A	08.56	12.9		0.8			-				
	H	08.56	13.5		1.1		-	+	0.6	2.0	3.4	2.2
	Z	08.56	12.6		0.5		+	+	1.1	0.7		
26	A	12.27	43.9		0.6	-			14.0	12.5		
	H	12.27	44.3		1.0			+	2.2	2.4	4.5	3.2
	Z	12.27	44.1		0.9	-	+	-	0.7	0.4		
26	A	12.46	18.9		0.6	+	-	-	9.6	10.8		
	H	12.46	19.1		0.9	+	+	+	8.2	9.6	2.9	3.3
	Z	12.46	19.0		0.5		+	-	2.7	1.2		
26	A	16.03	47.1		0.7	+		+	1.0	0.7		
	H	16.03	47.0		0.8	-	-	-	2.0	3.0	2.4	2.3
	Z	16.03	46.8		0.4		+	-	0.9	1.1		
26	A	19.23	29.1		0.6	+		+	12.1	6.6		
	H	19.23	29.8		1.0		-	+	10.0	15.0	4.1	3.3
	Z	19.23	29.4		0.7	+	-	+	1.2	1.6		
27	A	06.29	59.4		0.6		+		3.2			
	H	06.29	59.6		1.0	-	-	-	8.8	4.3	2.5	3.3
	Z	06.29	59.1		0.4				13.6	7.0		
27	A	07.09	27.7		1.0	-			3.9			
	H	07.09	28.2		1.3							

**Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966**

29

Jan. 1966 - Feb. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
27	A	14.09	08.8		0.6		+		5.6	1.6		
	H	14.09	09.3		0.9		-	-	3.3	4.2	3.0	2.8
	Z	14.09	08.8		0.5	i+	+	-	0.8	1.0		
27	A	15.13	02.9		0.9		+	+	1.7	1.0		
	H	15.13	03.9		0.9				1.7	2.8	4.1	2.8
	Z	15.13	02.9		0.6				0.8	1.2		
27	A	15.25	16.1		0.6		+		1.7	1.3		
	H	15.25	16.3		0.9			+	2.3	2.4	4.3	2.3
	Z	15.25	16.6		0.8			-	0.3	0.3		
27	A	18.41	26.8		0.8				5.4	2.5		
	H	18.41	26.5		0.6				3.9	6.6	4.2	3.0
	Z	18.41	27.5		1.1				0.2	0.4		
27	A	22.02	28.5		0.6		-	-	2.4	2.6		
	H	22.02	28.9		0.8				1.6	3.0	3.7	2.3
	Z	22.02	28.9		0.6				2.2	0.3		
28	A	02.01	49.8		0.6		-		15.2	9.0		
	H	02.01	50.3		1.0		+	+	9.1	8.8	4.1	3.7
	Z	02.01	50.6			-	+	-	2.8	5.0		
28	A	03.42	23.3		0.9			+	1.4	0.8		
	H	03.42	23.6		1.1				2.4	2.2	4.2	2.6
	Z	03.42	23.1		0.6				0.5	1.1		
28	A	03.47	26.5		0.8		+		2.4	1.5		
	H	03.47	27.0		1.2			+	1.6	2.2	4.5	2.8
	Z	03.47	26.7		0.7				0.9	0.5		
28	A	05.24	27.7		0.5		-		2.0	1.0		
	H	05.24	28.2		0.8			+	4.2	6.6	3.3	2.3
	Z	05.24	28.0		0.6				0.5	0.6		
28	A	13.39	52.3		0.9		-	-	1.2	2.6		
	H	13.39	52.3		0.9		-	-	3.3	2.9	1.9	3.0
	Z	13.39	51.9		0.4				3.0	2.3		
28	A	17.53	55.0		0.5		+		4.6	5.8		
	H	17.53	55.4		1.0			+	2.1	2.1	3.5	3.0
	Z	17.53	55.5		0.7			+	1.0	1.3		
28	A	18.14	53.6		0.9			+	2.2	1.8		
	H	18.14	54.0		1.1			-	3.0	2.9	3.6	2.7
	Z	18.14	53.5		0.5			+	1.0	1.1		
29	A	00.36	09.6		0.9			+	0.6			
	H	00.36	09.3		1.0			-	3.5	4.7	3.6	2.0
	Z	00.36	09.3		0.5				0.2	0.4		
29	A	06.50	56.0		0.7		-		31.5	36.0		
	H	06.50	56.4		0.9		+	+	9.6	9.4	3.9	3.5
	Z	06.50	56.4		0.6		-	+	1.1	1.1		
29	A	06.59	34.1		0.7			+	3.0	2.1		
	H	06.59	34.8		1.1				3.2	4.8	3.1	3.2
	Z	06.59	34.3		0.5			+	3.4	6.9		
29	A	16.20	04.4		0.9		+		2.6	1.8		
	H	16.20	05.3		1.0				1.4	2.6	3.3	2.7
	Z	16.20	04.3		0.5				0.9	0.6		
29	A	16.39	07.6		0.9		+	+	4.7	2.3		
	H	16.39	08.5		1.1		-	-	2.0	4.7	3.3	3.0
	Z	16.39	07.5		0.5			+	1.0	1.5		
29	A	20.26			0.5			+	5.0	2.6		
	H	20.26	49.4		0.9		+	+	2.9	3.4	3.7	2.7
	Z	20.26	49.2		0.8			+	0.2	0.5		
30	A	00.11	52.9		0.7			-	8.5	7.0		
	H	00.11	53.4		1.0		+	+	11.0	14.8	3.3	3.5
	Z	00.11	52.9		0.5		+	+	7.0	4.8		
30	A	02.43	18.4		0.8		+	+	0.8	1.2		
	H	02.43	18.8		0.9			+	1.6	1.9	4.1	2.2
	Z	02.43	18.6		0.6			-	0.4	0.3		
30	A	06.57	00.3		1.1		+		1.0	1.3		
	H	06.57	01.0		1.0				2.2	3.0	2.9	2.6
	Z	06.56	59.8		0.7			+	0.6	0.5		
30	A	17.06	05.8		0.5		+	+	1.9	1.8		
	H	17.06	06.3		0.9		+	+	6.4	11.5	3.2	2.6
	Z	17.06	06.1		0.6			+	1.0	1.5		
31	A	03.02	54.5		0.6		+	-	5.4	4.0		
	H	03.02	55.7		0.8			-	3.4	6.0	3.6	2.9
	Z	03.02	55.2		0.8			+	0.6	0.7		
31	A	04.48			1.0		+	-	7.2	7.6		
	H	04.48	35.2		1.0			+	7.9	9.6	6.8	3.4
	Z	04.48	36.0		1.2				0.8	0.6		
31	A	07.24	15.2		0.7			-	4.2	3.4		
	H	07.24	15.7		1.0		+	-	6.3	6.9	3.2	3.2
	Z	07.24	15.1		0.5			-	4.8	5.2		

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
31	A	09.50	07.2		0.7		-	-	27.8	26.5		
	H	09.50	07.6		1.1		+	+	4.3	4.0	4.8	3.7
	Z	09.50	08.0		0.8			+	1.2	1.6		
31	A	09.50	14.2		0.5			+	9.8	5.3		
	H	09.50	14.3		1.0			+	3.4	3.8	3.6	2.9
	Z	09.50	14.9		0.9				0.4	0.3		
31	A	17.36	01.3		0.5		-		11.6	13.5		
	H	17.36	02.5		0.9		-	-	2.6	5.3	2.0	3.3
	Z	17.36	02.0		0.4		-	+	1.9	3.8		
1966 February												
01	A	02.55	47.0		0.8		-		3.0	3.0		
	H	02.55	48.0		0.9			-	4.3	7.6	3.4	3.2
	Z	02.55	47.4		0.5			-	3.8	2.4		
01	A	08.26	11.6		0.7		-		1.4	1.1		
	H	08.26	12.5		1.0			+	1.2	2.2	3.4	2.6
	Z	08.26	11.8		0.5			+	1.0	1.6		
01	A	10.29	44.4		0.6		-		6.2	7.5		
	H	10.29	44.4		1.1			+	5.6	7.8	3.8	3.0
	Z	10.29	43.8		0.7			-	0.8	0.7		
01	A	15.31	43.6		0.8		-		0.8	0.6		
	H	15.31	43.9		0.8			-	3.3	2.5	1.8	2.8
	Z	15.31	43.0		0.4			+	6.0	2.8		
01	A	19.55	43.2		0.5		+		5.5	3.9		
	H	19.55	43.9		0.7			-	1.0	2.2	2.3	2.7
	Z	19.55	43.0		0.5		-	+	0.6	1.0		
01	A	19.57	02.3		0.5		-	+	6.3	5.6		
	H	19.57			0.8		-	-	2.7	4.8	2.2	2.8
	Z	19.57	02.2		0.4		-	+	1.2	1.1		
02	A	01.34	10.7		0.7		+		14.8	13.9		
	H	01.34	11.2		0.8			+	6.2	9.8	4.2	3.4
	Z	01.34	11.3		0.8			+	0.6	1.2		
02	A	12.26	07.2		0.8		+		30.1	19.2		
	H	12.26	08.3		1.1		+	+	5.3	7.0	4.9	3.8
	Z	12.26	07.6		0.7		+	-	1.9	2.0		
02	A	12.27	21.6		0.6		-		10.8	9.4		
	H	12.27	22.8		1.1				2.8	3.8	3.9	3.0
	Z	12.27	21.9		0.7			+	0.6	0.6		
02	A	12.41	11.5		0.9			+	4.5	6.3		
	H	12.41	11.4		0.6		-	-	7.3	12.8	4.6	3.2
	Z	12.41	11.9		1.1			+	0.7	0.5		
03	A	00.46			0.6		-		34.1	14.0		
	H	00.46	05.7		0.9				2.3	2.2	2.7	3.9
	Z	00.46	05.6		0.4				2.0	1.2		
03	A	12.00	08.2		0.8		-		19.4	33.6		
	H	12.00	08.8		0.8		+	+	10.4	8.2	4.8	3.7
	Z	12.00	08.4		0.8		-	+	1.2	0.6		
03	A	13.49	37.8		1.4			+	3.2	4.8		
	H	13.49	38.4		1.6		+	+	4.3	5.5	9.0	3.6
	Z	13.49	37.4		1.2				2.0	1.4		
04	A	03.08	05.4		0.6				12.0	11.8		
	H	03.08	06.2		1.0			+	8.0	11.0	4.4	3.2
	Z	03.08	05.9		0.8			+	0.9	0.9		
04	A	03.10	40.7		0.5		+		7.6	5.6		
	H	03.10	41.7		0.9			+	3.2	5.0	3.7	2.8
	Z	03.10	41.3		0.8		-	-	0.5	0.4		
04	A	17.49	07.7		0.9		+	+	4.5	2.6		
	H	17.49	08.5		1.1			-	4.7	3.4	3.3	3.2
	Z	17.49	06.1		0.5				1.6	2.8		
04	A	22.43	28.1		0.6		+		2.9	3.3		
	H	22.43	28.9		0.9			+	6.0	7.8	3.8	2.8
	Z	22.43	28.4		0.6			-	0.6	1.0		
05	A	05.00	18.9		0.7		-		24.4	24.4		
	H	05.00	18.0		0.9		+	+	7.6	9.6	4.9	3.8
	Z	05.00	19.5		0.9		-	+	2.6	1.8		
05	A	14.40	51.1		0.5			+	3.6	2.8		
	H	14.40	51.8		0.8			+	2.0	2.7	2.6	2.8
	Z	14.40	53.6		0.5		-	+	1.8	2.2		
05	A	14.49	44.6		0.5		</					

1966 February

01	A	02.55	47.0	0.8	-	+		3.0	3.0	3.4	3.2
	H	02.55	48.0	0.9		-		4.3	7.6		
	Z	02.55	47.4	0.5		-		3.8	2.4		
01	A	08.26	11.6	0.7	-	-		1.4	1.1	3.4	2.6
	H	08.26	12.5	1.0		+		1.2	2.2		
	Z	08.26	11.8	0.5		+		1.0	1.6		
01	A	10.29	44.4	0.6	-			6.2	7.5	3.8	3.0
	H	10.29	44.4	1.1			+	5.6	7.8		
	Z	10.29	43.8	0.7		-	+	0.8	0.7		
01	A	15.31	43.6	0.8	-		+	0.8	0.6	1.8	2.8
	H	15.31	43.9	0.8		-	-	3.3	2.5		
	Z	15.31	43.0	0.4			+	6.0	2.8		
01	A	19.55	43.2	0.5	+		-	5.5	3.9	2.3	2.7
	H	19.55	43.9	0.7				1.0	2.2		
	Z	19.55	43.0	0.5	-	+	-	0.6	1.0		
01	A	19.57	02.3	0.5	-	+	-	6.3	5.6	2.2	2.8
	H	19.57		0.8	-		+	2.7	4.8		
	Z	19.57	02.2	0.4	-	+	-	1.2	1.1		
02	A	01.34	10.7	0.7	+			14.8	13.9	4.2	3.4
	H	01.34	11.2	0.8			+	6.2	9.8		
	Z	01.34	11.3	0.8			+	0.6	1.2		
02	A	12.26	07.2	0.8	+			30.1	19.2	4.9	3.8
	H	12.26	08.3	1.1		+		5.3	7.0		
	Z	12.26	07.6	0.7	+	-	+	1.9	2.0		
02	A	12.27	21.6	0.6		-		10.8	9.4	3.9	3.0
	H	12.27	22.8	1.1				2.8	3.8		
	Z	12.27	21.9	0.7			+	0.6	0.6		
02	A	12.41	11.5	0.9			+	4.5	6.3	4.6	3.2
	H	12.41	11.4	0.6	-	-	+	7.3	12.8		
	Z	12.41	11.9	1.1			-	0.7	0.5		
03	A	00.46		0.6	-			34.1	14.0	2.7	3.9
	H	00.46	05.7	0.9				2.3	2.2		
	Z	00.46	05.6	0.4				2.0	1.2		
03	A	12.00	08.2	0.8	-			19.4	33.6	4.8	3.7
	H	12.00	08.8	0.8	+		+	10.4	8.2		
	Z	12.00	08.4	0.8	-	+	-	1.2	0.6		
03	A	13.49	37.8	1.4		+		3.2	4.8	9.0	3.6
	H	13.49	38.4	1.6	+		+	4.3	5.5		
	Z	13.49	37.4	1.2				2.0	1.4		
04	A	03.08	05.4	0.6				12.0	11.8	4.4	3.2
	H	03.08	06.2	1.0			+	8.0	11.0		
	Z	03.08	05.9	0.8			+	0.9	0.9		
04	A	03.10	40.7	0.5	+			7.6	5.6	3.7	2.8
	H	03.10	41.7	0.9			+	3.2	5.0		
	Z	03.10	41.3	0.8	-	+	-	0.5	0.4		
04	A	17.49	07.7	0.9	+	+	-	4.5	2.6	3.3	3.2
	H	17.49	08.5	1.1				4.7	3.4		
	Z	17.49	06.1	0.5				1.6	2.8		
04	A	22.43	28.1	0.6	+		+	2.9	3.3	3.8	2.8
	H	22.43	28.9	0.9			+	6.0	7.8		
	Z	22.43	28.4	0.6			-	0.6	1.0		
05	A	05.00	18.9	0.7		-		24.4	24.4	4.9	3.8
	H	05.00	18.0	0.9		+	+	7.6	9.6		
	Z	05.00	19.5	0.9	-	+	-	2.6	1.8		
05	A	14.40	51.1	0.5		+	+	3.6	2.8	2.6	2.8
	H	14.40	51.8	0.8			+	2.0	2.7		
	Z	14.40	53.6	0.5	-	+	-	1.8	2.2		
05	A	14.49	44.6	0.5			-	4.4	2.8	3.3	2.6
	H	14.49	45.4	0.8				2.5	3.3		
	Z	14.49	44.6	0.7			+	0.6	0.4		

Feb. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
05	A	15.57	07.0		0.6	+		+	2.3	2.1	2.8	2.6
	H	15.57	07.2		0.8		-	-	6.4	5.4		
	Z	15.57	06.7		0.5			-	1.2	1.0		
06	A	08.44	15.7		0.7	+		-	5.4	2.8	2.9	2.7
	H	08.44	16.4		0.9		+	+	4.8	5.3		
	Z	08.44	15.9		0.5	-	+	-	0.8	0.8		
07	A	04.05	14.3		0.4	+	+	-	50.0	49.0	1.5	4.4
	H	04.05	15.0		1.0	+	+	+	37.0	34.5		
	Z	04.05	14.3		0.5		-	+	27.0	31.0		
07	A	04.07	25.8		0.7	+	-	+	5.6	8.2	4.6	3.1
	H	04.07	26.6		1.0		+	+	2.3	3.8		
	Z	04.07	26.2		0.7	-	+	-	0.8	0.7		
07	A	04.09	37.1		0.5	-	+	-	12.8	3.8	3.3	2.7
	H	04.09	37.8		0.8			+	4.3	3.0		
	Z	04.09	37.8		0.7				0.2	0.3		
07	A	04.16	23.0		1.0	+	-	+	5.1	6.0	2.1	3.5
	H	04.16	23.6		1.1			+	8.2	13.8		
	Z	04.16	22.6		0.5	-	+	-	5.3	4.6		
07	A	04.34	03.4		0.4		-	-	8.9	7.8	2.9	2.7
	H	04.34	04.1		0.9		+		3.6	2.8		
	Z	04.34	03.7		0.7	-	+	-	0.5	0.5		
07	A	04.39	20.2		0.7				3.6	4.6	3.7	3.0
	H	04.39	20.8		0.9	+		-	4.0	5.8		
	Z	04.39	20.2		0.6	-			1.0	1.9		
07	A	04.47	37.7		0.5	+	-	+	10.5	11.8	3.3	3.2
	H	04.47	38.6		0.8			+	3.4	3.4		
	Z	04.47	38.1		0.6	-	+		0.6	1.2		
07	A	05.52	02.3		1.2		-	+	4.3	4.4	3.8	3.4
	H	05.52	02.6		1.3	-	+		3.6	3.7		
	Z	05.52	01.6		0.7			+	2.8	2.2		
07	A	11.47	45.2		1.1		-	+	4.6	4.1	3.6	3.5
	H	11.47	45.4		1.3				3.3	3.4		
	Z	11.47	44.4		0.6		+	+	4.1	3.6		
07	A	13.13	40.0		1.1			-	2.6	3.0	5.0	3.4
	H	13.13	40.4		1.2			-	3.0	2.6		
	Z	13.13	39.1		0.6			+	3.6			
07	A	14.14	30.0		0.8	+			2.8	2.7	4.1	3.0
	H	14.14	30.4		0.9	-	-	+	6.0	7.1		
	Z	14.14	29.7		0.6	-		-	2.3	1.3		
07	A	15.05	23.7		0.6			+	10.2	27.7	4.0	3.5
	H	15.05	24.2		0.8		+	+	7.3	10.1		
	Z	15.05	23.9		0.8	-	+	-	0.9	0.4		
07	A	17.39	04.4		0.8		-	+		7.6	3.5	3.5
	H	17.39	05.1		0.9		+	+	2.8	4.4		
	Z	17.39	04.7		0.8				0.4	0.3		
08	A	04.59	26.8		0.9		-	+		0.8	5.0	2.9
	H	04.59	26.9		0.6			-	3.0	4.8		
	Z	04.59	27.1		0.8				0.3	0.2		
08	A	14.39	26.4		0.5	+		+	9.2	11.4	3.5	3.3
	H	14.39	27.3		1.1			+	6.8	8.0		
	Z	14.39	26.8		0.7			+	1.4	1.9		
08	A	16.42	51.5		1.3			+	2.3	2.4	8.9	3.1
	H	16.42	52.2		1.5				2.6	4.3		
	Z	16.42	51.5		1.2				0.9	0.6		
09	A	04.10	11.9		1.0	+	-	-	9.3	6.2	6.6	3.3
	H	04.10	12.3		1.0	-	+	+	10.2	4.4		
	Z	04.10	12.4		1.0				0.6	0.8		
09	A	11.28	43.5		1.2		-		6.1	4.8	4.8	3.2
	H	11.28	44.4		1.3			+	2.6	3.2		
	Z	11.28	43.5		0.8				0.8	0.8		
10	A	11.09	15.7		1.5	+			4.0	6.4	8.7	3.9
	H	11.09	16.3		1.7	+	-	+	4.5	5.1		
	Z	11.09			1.2			+	3.9	2.0		
10	A	15.12	51.3		1.0				11.4	8.2	6.4	3.7
	H	15.12	52.1		1.0		+		3.8	4.3		
	Z	15.12	51.6		1.0	-		-	1.8	1.2		
10	A	16.08	43.8		0.7	+	+	+	6.6	4.7	4.8	2.9
	H	16.08	44.2		0.9		+	+	2.8	4.7		
	Z	16.08	44.1		0.9	-		-	0.3	0.4		
10	A	16.09	07.7		0.8		+	-	11.8	6.4	5.8	3.5
	H	16.09	08.2		1.0				7.2	10.0		
	Z	16.09	08.1		0.9		+	-	0.7	1.3		
11	A	01.02	03.7		0.7			+		2.9	2.5	3.2
	H	01.02	04.1		0.9				3.8	3.4		
	Z	01.02	03.2		0.4	-	+	-	10.0	8.7		
11	A	01.17	40.9		0.6			-	28.0		2.4	3.7
	H	01.17	41.3		0.5	-	+	+	40.8	28.2		
	Z	01.17	41.5		0.9			-	4.2	5.8		
11	A	01.19	35.5		0.5			-	35.8	23.0	3.6	3.7
	H	01.19	36.2		1.0				4.2	5.5		
	Z	01.19	36.3		0.9	+			1.8	1.0		
11	A	01.26	43.4		0.7	+	+		14.8	5.6	4.6	3.4
	H	01.26	43.9		0.9		+	+	5.0	3.1		
	Z	01.26	44.0		1.0				0.5	0.9		
11	A	03.48	59.9		0.8				1.5	1.2	2.4	3.0
	H	03.49			0.8				3.1	2.2		
	Z	03.48	59.5		0.5			-	4.6	3.0		
11	A	15.40	32.2		0.7		+		27.0	9.6	4.7	3.5
	H	15.40	32.7		0.9		+	+	7.0	7.2		
	Z	15.40	32.9		0.9				0.7	0.8		
11	A	20.50	22.7		0.5				2.6	2.1	2.3	2.4
	H	20.50	23.3		1.0			+	2.5	1.3		
	Z	20.50	22.7		0.4				0.8	0.6		
12	A	01.16	44.5		0.8	-			1.9	1.2	3.4	2.7
	H	01.16			1.1			-	3.0	1.6		
	Z	01.16	44.1		0.5				0.8	1.4		
12	A	02.30	00.4		0.6		+		1.3	1.7	2.3	2.4
	H	02.30	01.0		0.8			-	2.8	5.9		
	Z	02.30	00.5		0.4				0.8	1.1		
12	A	03.21	17.0		0.8	+			5.2	3.4	3.0	3.3
	H	03.21	17.8		1.1				4.3	4.7		
	Z	03.21	16.8		0.4				5.1	5.4		
12	A	04.05	57.1		0.7	-	+	-	45.0	35.0	2.5	4.6
	H	04.05	57.7		1.1	+	+	+	23.0	29.0		
	Z	04.05	57.0		0.4		-	+	25.0	45.0		
12	A	05.40	38.7		0.9	-	+		4.7	4.6	4.1	3.3
	H	05.40	39.7		1.1			+	6.7	8.0		
	Z	05.40	38.6		0.6			+	3.6	4.1		
12	A	09.05	34.6		1.0	-			22.0	16.0	6.1	3.9
	H	09.05	34.4		0.8	-			32.5	15.8		
	Z	09.05	35.1		1.1				2.0	2.0		
12	A	18.04	53.6		0.8	+			5.1	3.7	4.4	2.9
	H	18.04	53.8		0.7				3.4	10.1		
	Z	18.04	54.3		1.0				0.3	0.4		
13	A	12.57	35.1		0.7	-		-	4.3	11.5	3.0	3.4
	H	12.57	35.2		0.6		+	-	4.0	4.8		
	Z	12.57	35.2		0.7	-	+	-	1.2	2.0		
13	A	13.23	26.4		0.6	+			3.5	2.5	3.8	2.7
	H	13.23	27.5		1.0			+	2.6	4.1		
	Z	13.23	26.9		0.7				0.8	0.9		
13	A	13.28	10.2		0.6	+			1.3	1.6	2.9	2.8
	H	13.28	10.9		0.9				4.7	6.0		
	Z	13.28	10.3		0.5	-	+	-	3.4	1.9		
13	A	17.47	49.7		1.0				2.3	2.9	5.1	3.6
	H	17.47	49.9		1.1	-	-	-	9.2	7.4		
	Z	17.47	49.3		0.7		+	+	4.2	7.2		
13	A	22.24	04.9		1.0	-	+		5.4	6.6	4.3	3.6
	H	22.24	04.6		0.6			+	9.5	8.8		
	Z	22.24	05.3		1.0				3.0	0.8		
14	A	03.16	55.7		0.8		-	+	4.4	11.0	3.1	3.6
	H	03.16	56.5		0.6		+	+	5.1	5.9		
	Z	03.16	55.8		0.6	-		-	1.5	3.7		
14	A	06.28	33.3		0.5				4.6	3.2	3.3	2.5
	H	06.28	34.2		1.1				2.4	3.7		
	Z	06.28	33.6		0.7				0.4	0.4		
14	A	07.29	54.5		0.7				4.8	8.2	1.3	3.2
	H	07.29	54.7		0.6				6.6	11.3		
	Z	07.29	54.8		0.5	-		-	1.4	2.4		
14	A	07.32	05.7		0.7	-			46.1	36.0	4.4	3.2
	H	07.32	05.7		0.7		+	+	24.2	21.0		
	Z	07.32	06.5		0.9			-	3.8	4.0		
14	A	12.57	41.7		0.7	-	+	+	0.5	1.6	3.1	2.3
	H	12.57	42.2		0.7				1.7	4.0		
	Z	12.57	42.8		0.6				0.3	0.4		
14	A	21.01	07.8		0.9		+	-	5.7	5.1	4.7	3.2
	H	21.01	07.8		1.0			+	5.2	12.0		
	Z	21.01	08.4		0.7	-	-	-	0.5	1.0		
15	A	10.43	25.0		0.5				25.3	15.1	2.0	3.4
	H	10.43	25.7		0.5	+		+	3.2	2.2		
	Z	10.43	25.5		0.8		+	-	1.0	1.1		

**Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966**

31

Feb. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
Date	Station	h	m	s	S-P (sec)	E	N	U	E-W	N-S	Depth (km)	Magnitude
15	A	15.02	09.7		0.7			-	9.2	7.8		
	H	15.02	10.6		1.1		+	+	12.4	14.4		
	Z	15.02	10.1		0.7	+	-	+	3.5	2.5	4.5	3.5
15	A	20.40	26.9		0.4		+	+	14.0			
	H	20.40	27.8		1.1	+		+	2.9	3.5	2.6	3.2
	Z	20.40	27.4		0.7			+	1.5	1.2		
16	A	05.08	38.5		0.6			+	3.5			
	H	05.08	39.3		0.8				2.4	4.0	3.9	2.5
	Z	05.08	39.0		0.7			-	0.4	0.4		
16	A	06.24	48.1		0.5	+	-		4.0	4.0		
	H	06.24	48.9		0.9			+	5.0	4.6	3.6	2.5
	Z	06.24	48.8		0.7		+	-	0.5	0.4		
16	A	06.52	41.1		0.7			+	1.1	2.4		
	H	06.52	41.8		1.1			+	2.6	4.4	4.3	2.8
	Z	06.52	41.3		0.7				1.4	1.4		
16	A	09.48	20.1		0.6		-	+	2.5	2.3		
	H	09.48	20.8		0.9	+	-	+	4.2	5.8	3.8	2.8
	Z	09.48	20.6		0.6	+		-	1.2	1.7		
16	A	09.46	58.1		0.5			+	8.0	6.9		
	H	09.46	59.0		1.0	+	+	+	6.2	5.4	3.6	3.1
	Z	09.46	58.3		0.7			-	1.1	1.4		
16	A	17.11	46.4		0.6	+		-	49.8	41.2		
	H	17.11	47.5		1.1	+	+	-	13.5	17.2	3.7	4.2
	Z	17.11	46.9		0.6		+		8.8	5.6		
16	A	18.31	28.3		0.9	+	+	-	4.6	8.2		
	H	18.31	29.2		1.4	+		+	6.0	8.0	2.0	3.4
	Z	18.31	28.1		0.5			-	1.7	3.0		
16	A	18.39	31.7		0.7	+			10.8	11.4		
	H	18.39	32.3		0.9		+	+	7.7	11.7	4.5	3.2
	Z	18.39	32.3		0.8			-	0.5	0.8		
16	A	18.44	45.5		0.6		+	-	10.4	7.7		
	H	18.44	46.0		0.9	+	+	+	3.7	5.3	4.4	3.3
	Z	18.44	45.9		0.9	-	+	+	0.6	1.3		
16	A	20.38	42.7		0.7	-		+	48.4	25.4		
	H	20.38	43.8		1.0	-	+	+	10.7	11.0	4.7	4.0
	Z	20.38	43.4		0.8	-	+	-	2.5	2.4		
16	A	21.40	48.2		0.6	-		+	5.4	5.0		
	H	21.40	48.8		1.0				3.8	4.4	4.4	2.8
	Z	21.40	48.7		0.8	-		-	0.6	0.4		
17	A	01.59	20.6		0.6	+	+		34.8	13.8		
	H	01.59	21.0		1.0		+	+	8.0	6.8	4.1	3.7
	Z	01.59	21.6		0.8		+	-	1.3	1.8		
17	A	02.24	46.7		0.9	-		-	6.7			
	H	02.24	47.4		1.2	-	-	+	6.2	8.7	4.1	3.6
	Z	02.24	46.4		0.6	-		+	4.6	6.5		
17	A	02.27	51.4		0.8	-			9.2			
	H	02.27	52.2		1.3	-	+	-	5.0	7.4	3.1	3.4
	Z	02.27	51.4		0.6			+	3.3	3.2		
17	A	04.13	24.8		1.0			+	12.6			
	H	04.13	24.7		0.8		+	+	28.3	11.8	5.7	3.8
	Z	04.13	25.4		1.1			+	2.4	1.6		
17	A	08.03	36.6		0.7	-		+	20.8	7.4		
	H	08.03	37.8		1.3	-	+	+	6.0	6.3	4.2	3.5
	Z	08.03	37.2		0.7			+	1.1	1.0		
17	A	12.38	56.2		0.7	-	-	+	40.5	18.0		
	H	12.38	56.4		0.9	-	+	+	7.6	15.3	5.0	4.0
	Z	12.38	56.9		0.9	-		-	1.6	3.0		
17	A	17.28	03.3		1.1	-		+	4.0	2.8		
	H	17.28	02.6		0.8		+		8.2	13.6	5.9	3.3
	Z	17.28	03.3		1.1			-	1.2	0.6		
17	A	19.03	25.8		1.4	+		+	3.2	2.4		
	H	19.03			0.8			+	5.8	6.0	3.3	3.4
	Z	19.03	25.6		1.1			+	1.5	1.5		
18	A	07.55	52.6		0.5	-	+	-	3.6	1.8		
	H	07.55	53.2		0.9		+	+	4.2	4.7	3.3	2.6
	Z	07.55	52.9		0.7		+		0.7	0.6		
18	A	08.25	04.8		0.5	-	+		1.2	1.3		
	H	08.25	05.2		0.9			+	2.4	3.5	1.0	1.9
	Z	08.25	04.7		0.4			-	1.0	0.7		
18	A	08.25	36.4		0.6	-	+	+	1.3	1.2		
	H	08.25	36.8		0.9	-	-	+	2.8	4.0	2.7	2.6
	Z	08.25	36.2		0.4	-		-	2.2	1.2		
18	A	15.30	40.9		0.6	-	-	-	8.5	4.7		
	H	15.30	41.2		0.9	+	+	+	7.2	10.5	4.2	3.1
	Z	15.30	41.1		0.7			-	0.7	0.9		
18	A	17.46	00.4		1.2			+		1.2		
	H	17.46	00.9		1.8			+				
	Z	17.46	00.2		1.3						7.3	2.9
18	A	22.31	43.9		0.8		+	+	13.4	4.6		
	H	22.31	44.7		1.1				1.9	2.8	5.9	3.4
	Z	22.31	44.7		0.9	-		-	0.9	0.6		
19	A	03.09	11.2		0.7	-	-	-	1.6	0.8		
	H	03.09			0.8				2.6	3.5	3.6	2.5
	Z	03.09	10.9		0.6			+	0.7	0.9		
19	A	03.37	27.5		0.8	+		+	14.0	9.3		
	H	03.37	28.1		1.1			+	2.4	3.2	5.5	3.5
	Z	03.37	27.6		0.8		+	+	1.7	1.2		
19	A	04.52	26.9		1.0	-		-	3.7	2.0		
	H	04.52	27.5		1.2			+	3.0	5.4	3.7	3.1
	Z	04.52	26.7		0.6			+	1.6	1.7		
19	A	05.36	59.8		0.9	-		-	4.4	2.6		
	H	05.37	00.3		1.2			+	3.7	5.6	4.5	3.2
	Z	05.36	59.5		0.6			+	2.5	2.0		
19	A	08.13	07.5		1.5	-	-	+	5.0	4.2		
	H	08.13	08.0		1.8				3.7	3.4	8.4	3.5
	Z	08.13	07.2		1.2			+	0.9	0.5		
19	A	13.01	40.9		1.0	+			5.3	4.4		
	H	13.01	40.2		0.7			-	7.4	13.6	4.4	3.2
	Z	13.01	40.7		0.9	-		-	1.1	0.6		
19	A	14.36	00.6		0.7				13.5	7.1		
	H	14.36	01.2		1.0		+	+	4.7	3.2	4.8	3.3
	Z	14.36	01.1		0.9	-	+	-	0.7	0.6		
20	A	04.47	06.1		0.9	-	-	+	5.1	3.5		
	H	04.47	06.4		1.0			+	3.4	3.7	3.3	3.4
	Z	04.47	06.0		0.5		+	-	4.7	2.4		
20	A	07.03	28.5		0.7			+	5.8	5.8		
	H	07.03	29.1		0.9				7.0	3.7	4.0	3.4
	Z	07.03	28.6		0.6	-	+	-	4.2	2.0		
20	A	07.43	25.0		0.9	-	+	+	0.9	0.6		
	H	07.43	24.9		0.5				1.8	3.4	3.9	2.3
	Z	07.43	25.0		0.7				0.3	0.4		
20	A	07.57	34.5		0.6	-			3.4	2.6		
	H	07.57	34.4		0.5			-	4.2	6.4	2.7	2.8
	Z	07.57	34.6		0.7	-	+	-	0.7	0.9		
20	A	11.08	35.5		0.9	-		+	7.0	4.0		
	H	11.08			1.0	+		+	5.6	3.9	0.5	3.4
	Z	11.08	34.7		0.3			+	7.4	4.9		
20	A	16.00	32.0		0.6			+	7.2	6.6		
	H	16.00	32.7		0.9		-	+	3.6	4.7	4.2	2.9
	Z	16.00	32.4		0.7			-	0.6	0.5		
20	A	21.58	01.3		0.8	-			7.2	3.4		
	H	21.58	02.1		1.3							

Seismological Data of Matsushiro Earthquake Swarm (Report II)

Feb. 1966 - Mar. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude						
		h	m	s		E	N	U	E-W	N-S								
23	A	03.33	03.2		0.7	-	-	-	10.0	4.9	2.9	3.5						
	H	03.33	03.7		0.9			+	4.9	7.2								
	Z	03.33	03.1		0.4	+		+	5.6	4.2								
23	A	07.18	46.8		0.9	-	-	-	2.8	1.0	2.7	2.8						
	H	07.18	47.3		1.0			+	3.4	2.8								
	Z	07.18	46.9		0.4			-	1.5	1.2								
23	A	13.25	38.7		1.1	-	-	-	22.4	12.0	3.6	4.3						
	H	13.25			1.2	+	-	+	10.9	18.1								
	Z	13.25	38.9		0.6	-	-	+	9.0	12.9								
23	A	18.25	09.1		1.0	+		+	6.2	4.4	5.7	3.3						
	H	18.25	08.8		0.8				6.8	5.5								
	Z	18.25	09.5		1.1				1.0	0.7								
24	A	08.23	52.1		0.7		-		40.8	32.4	2.5	4.0						
	H	08.23			0.9				2.8	5.2								
	Z	08.23	52.1		0.4				7.5	8.5								
24	A	08.24	26.5		0.7	+	-		20.3	9.2	2.5	3.4						
	H	08.24	27.2		0.9			-	2.0	2.8								
	Z	08.24	26.5		0.4	-	+	-	1.1	2.6								
24	A	15.36	17.5		1.6	-		+	2.8	3.2	8.6	3.4						
	H	15.36			1.8			+	2.0	2.7								
	Z	15.36	17.3		1.3			+	0.4	1.0								
24	A	20.11	53.7		0.6	+		+	11.0	7.0	3.4	3.1						
	H	20.11	54.5		0.9	+		-	3.7	3.0								
	Z	20.11	53.8		0.6	-	+		1.4	1.1								
24	A	23.33	15.7		0.8	-	-	+	1.8	2.8	0.0	3.3						
	H	23.33	16.1		1.0			-	4.0	2.8								
	Z	23.33	15.0		0.4	-		-	12.8	16.3								
25	A	04.37	02.3		0.5	+			10.7	13.0	3.5	3.1						
	H	04.37	03.5		1.0			+	2.2	2.3								
	Z	04.37	03.0		0.7			+	1.7	1.1								
25	A	11.05	09.2		1.6			+			6.7	4.0						
	H	11.05	09.8		1.9			+	11.0	10.5								
	Z	11.05	09.0		1.2	-		+	4.9	6.5								
25	A	13.09	59.9		0.5	+		+	22.4	9.6	2.9	3.5						
	H	13.10	00.9		0.9				3.9	5.8								
	Z	13.10	00.1		0.5	-	-	-	3.0	3.8								
25	A	16.41	33.9		0.7			+		2.6	2.9	2.8						
	H	16.41	34.7		0.8	-		+	4.3	3.2								
	Z	16.41	34.1		0.5	-	+	-	1.6	1.3								
26	A	00.00	49.3		0.8		+	+		8.2	4.6	3.1						
	H	00.00	49.3		0.7			+	5.1	9.2								
	Z	00.00	49.7		0.9	-	+	-	0.6	0.5								
26	A	10.07	49.7		1.1			-		1.2	1.3	2.9						
	H	10.07	49.9		1.0			-	2.8	2.2								
	Z	10.07	49.2		0.6			+	2.8	1.6								
26	A	11.17	02.5		0.8			+		1.4	3.4	3.1						
	H	11.17	03.3		1.1	+		+	2.9	2.8								
	Z	11.17			0.5				6.9	9.4								
26	A	12.23	24.8		0.7	+			21.4	19.4	2.6	3.9						
	H	12.23	25.5		1.0	+	+	+	13.4	18.7								
	Z	12.23	24.6		0.4	-	+	+	10.8	8.3								
26	A	15.31	23.3		0.7			+	24.6		4.4	3.7						
	H	15.31	24.3		0.9	+	+	+	4.4	7.9								
	Z	15.31	24.0		0.7	-	+	-	1.0	1.8								
26	A	20.16	49.8		0.8			-	5.6		11.3	3.4						
	H	20.16	50.8		1.1	+	-		11.3	9.1								
	Z	20.16	49.9		0.5			+	7.6	9.8								
26	A	20.16	53.2		0.6				4.8		1.1	3.6						
	H	20.16			0.5				8.3	7.2								
	Z	20.16	52.5		0.5				9.7	15.0								
26	A	20.17	16.0		0.8	-		+	3.0		0	2.7						
	H	20.17	15.6		0.7			-	6.0	8.4								
	Z	20.17	16.0		0.4	-	+		1.1	1.0								
26	A	20.24	49.0		0.7				0.6		2.2	2.4						
	H	20.24	49.9		0.7				3.0	1.6								
	Z	20.24	49.0		0.5			+	1.0	1.6								
27	A	03.31	20.1		1.0	+			0.7	0.9	2.4	2.7						
	H	03.31	20.0		1.0	-	+	-	5.4	4.4								
	Z	03.31	19.2		0.5			+	1.6	1.7								
27	A	09.20	44.4		0.5				0.8	0.4	2.1	2.0						
	H	09.20	45.2		0.9			+	1.6	2.8								
	Z	09.20	44.4		0.4				0.7	0.9								
27	A	09.23	27.3		0.7				1.4	0.8	2.9	2.3						
	H	09.23	26.9		1.0			+	2.8	4.4								
	Z	09.23	27.2		0.4			-	0.9	1.1								
27	A	10.06	02.2		0.7	-	-	-	9.0	6.2	4.0	3.8						
	H	10.06	02.9		1.0	+	+	+	14.8	18.5								
	Z	10.06	02.1		0.6			-	9.3	13.2								
27	A	11.36	11.4		1.0	+			2.8	2.8	5.9	3.0						
	H	11.36	11.3		0.9			-	3.3	6.8								
	Z	11.36	11.6		1.0				0.6	0.7								
27	A	12.39	35.7		0.6				1.8	1.2	2.6	2.4						
	H	12.39	36.6		1.1		-	+	2.8	3.4								
	Z	12.39	35.8		0.4			-	1.1	1.0								
27	A	13.26	52.1		1.0	-		-	6.4	10.0	4.7	3.7						
	H	13.26	51.6		0.7	+			15.8	10.9								
	Z	13.26	52.1		1.0			-	2.5	1.8								
27	A	20.39			0.7			+	32.3	19.8	4.4	3.7						
	H	20.39	02.1		0.8	+	+	+	7.0	15.0								
	Z	20.39	02.1		0.9	-	+	-	1.5	1.3								
27	A	20.43	29.2		0.6		-	+		9.8	4.0	3.0						
	H	20.43	30.0		0.9	-	+	+	2.9	2.5								
	Z	20.43	30.0		0.8	-	+	-	0.5	0.6								
28	A	01.39	35.7		1.4			+		1.1	8.8	3.1						
	H	01.39	36.0		1.7			+	2.9	3.0								
	Z	01.39	35.3		1.2		+		1.6	1.0								
28	A	02.41	04.8		1.7		-	+		1.2	8.9	3.2						
	H	02.41	05.2		1.8			+	2.2	2.4								
	Z	02.41	04.5		1.3	-		+	0.8	1.2								
28	A	09.04	34.2		0.6			+		12.8	4.3	3.3						
	H	09.04	34.5		0.9			-	4.1	1.6								
	Z	09.04	34.1		0.8	-		-	1.1	0.8								
28	A	10.46	41.5		0.8			+		11.4	5.2	3.4						
	H	10.46	41.8		0.9	+		+	10.6	10.1								
	Z	10.46	41.9		0.9	-	+	-	1.0	1.4								
28	A	15.49	21.2		0.5		-	+	3.2	10.5	3.7	4.2						
	H	15.49	21.8		0.7	-		+	3.8	12.5								
	Z	15.49	21.9		0.4			+	0.6	11.5								
28	A	22.15	16.5		1.7	+		+	3.2	1.8	8.3	3.4						
	H	22.15			1.7			+	3.3	3.0								
	Z	22.15	16.3		1.3				1.0	0.6								
1966 March																		
01	A	04.22	06.1		0.9						-	+	+	5.2	10.0	2.9		
	H	04.22	07.6		1.3												1.4	2.3
	Z	04.22	06.7		0.6													
01	A	06.20			0.9						+	+	+	2.8	4.8	2.2		
	H	06.20	53.2		1.2												0.5	0.8
	Z	06.20	52.0		0.6													
01	A	15.45	28.1		1.0				13.4	6.0	+	+	+	5.6	15.1	3.0		
	H	15.45	28.7		0.9												4.2	3.0
	Z	15.45			1.1	+												
01	A	21.37	00.4		1.0			+	6.6	10.6	-	-	-	6.4	8.1	2.2		
	H	21.37	00.4		1.2												14.0	9.0
	Z	21.36	59.4		0.5	+	+	-										
02	A	12.00	35.1		1.0						-	-	-	14.6	9.4	4.7		
	H	12.00	34.7		0.7			+									1.2	0.9
	Z	12.00	35.6		1.0													
02	A	13.14	59.6		1.0			+			+	+	+	10.7	12.3	3.8		
	H	13.14	59.0		0.5												0.5	0.3
	Z	13.15	00.0		1.1													
02	A	14.44	10.9		1.0			+			-	+	+	13.6	34.2	6.1		
	H	14.44	10.4		1.0												1.6	1.3
	Z	14.44			0.9													
03	A	03.06	51.4		0.5		+	+	4.7	3.7	+	+	+	7.5	6.2	2.6		
	H	03.06	52.0		1.0												1.6	1.2
	Z	03.06	51.9		0.5													
03	A	03.25	14.9		1.0	+		+	4.0	4.8	-	-	+	4.0	4.8	4.5		
	H	03.25	14.4		0.6												1.5	0.8
	Z	03.25	15.0		1.0													
03	A	05.22	07.8		0.7	+			10.0	5.1	-	+	+	2.9	2.6	5.2		
	H	05.22	08.4		1.0												0.7	0.4
	Z	05.22			0.9													
03	A	07.50	09.6		0.6				6.0	4.6	+	+	+	5.3	4.6	3.4		
	H	07.50	10.0		1.1												2.0	3.3
	Z	07.50	09.8		0.6													

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

33

Mar. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
03	A	11.40	27.0		0.6							
	H	11.40	27.5		1.1			+	2.0	2.8	4.4	2.8
	Z	11.40	27.4		0.8				1.4	1.2		
03	A	16.35	36.0		0.5		+	-	5.7	3.0		
	H	16.35	36.5		0.9				5.5	5.4	2.4	2.6
	Z	16.35	36.4		0.6	-	+		0.8	0.8		
03	A	22.06	18.3		0.9	+			1.6	1.3		
	H	22.06	18.7		1.1	+	-	+	2.2	3.5	3.3	2.8
	Z	22.06	18.6		0.6				2.0	2.0		
04	A	09.31	31.3		0.7	+			12.6	8.0		
	H	09.31	31.6		1.0		+		5.3	3.6	4.8	3.2
	Z	09.31	32.1		0.8				0.8	0.9		
04	A	15.14	29.1		0.6	+		-	8.0	7.3		
	H	15.14	29.9		1.3				3.0	4.2	3.2	3.0
	Z	15.14			0.8	+			0.6	0.6		
04	A	15.28	05.0		0.5		+	+	13.1	5.6		
	H	15.28	05.6		1.2			+	5.0	4.8	2.7	3.0
	Z	15.28			0.7	+			0.7	0.4		
04	A	22.27	52.5		0.5	+			10.6	9.6		
	H	22.27	52.7		1.0	+	+	+	4.5	4.6	3.6	3.2
	Z	22.27			0.7				0.8	1.4		
05	A	03.36	25.2		0.9	+		+	5.8	9.0		
	H	03.36	24.3		0.6			+	8.2	6.8	4.5	3.3
	Z	03.36			1.1	-			0.6	0.6		
05	A	06.17	50.2		0.6				2.2	2.0		
	H	06.17	49.3		0.9			-	3.6	4.4	4.3	2.6
	Z	06.17			0.8	-			0.4	0.6		
05	A	07.10	12.2		0.5		-	+	10.2	9.4		
	H	07.10	12.8		0.9			+	5.2	6.8	3.4	2.9
	Z	07.10			0.7	-			0.4	0.7		
05	A	11.23	08.5		0.6	-		+	4.9	3.8		
	H	11.23	08.8		1.0			+	3.6	3.6	3.9	2.8
	Z	11.23			0.7				0.8	0.3		
06	A	00.42	59.1		0.6			+	0.7	1.5		
	H	00.42	59.1		0.8	-		-	2.3	3.0	3.4	2.3
	Z	00.42	59.8		0.6				0.3	0.5		
06	A	04.23			0.4	+			3.8	2.2		
	H	04.23	53.9		0.9			+	2.8	1.2	1.1	2.0
	Z	04.23			0.6				0.3	0.2		
06	A	04.55	47.3		0.6		-		7.5	4.4		
	H	04.55	47.2		0.8			+	12.6	9.8		
	Z	04.55			1.0	+			0.8	1.1		
06	A	09.39	22.2			+			0.7	1.3		
	H	09.39	22.2					+	1.4	2.6		
	Z	09.39	22.5						1.7	1.1	3.2	
06	A	10.50	12.1		1.5	+		+	2.6	2.2		
	H	10.50	12.5		1.7			+	3.0	2.9	7.9	3.1
	Z	10.50	12.7		1.2			+	0.6	0.6		
06	A	20.40	47.6		1.0				2.4	2.2		
	H	20.40	48.2		1.0			-	2.3	4.0	2.3	2.6
	Z	20.40	48.3		0.5	-			0.8	0.8		
06	A	21.31	21.9		0.9			+	1.3	1.5		
	H	21.31	22.2						2.9	3.8		
	Z	21.31	22.2		1.2			+	1.8	1.5	2.6	
06	A	22.18	12.2		0.9	-	-	+	22.0	1.7		
	H	22.18	11.8		0.9			-	24.6	1.1	3.3	3.1
	Z	22.18	12.9		0.8	-		-	27.6	1.6		
07	A	02.05	42.5		0.9	-			4.7	3.2		
	H	02.05	42.1		0.6			+	6.8	12.5	4.2	3.1
	Z	02.05			1.1	-		-	0.7	0.6		
07	A	07.37	42.6		0.6				4.0	2.2		
	H	07.37	43.1		1.8	+	+		5.0	5.0	4.4	3.6
	Z	07.37	42.7		1.2	-		+	3.4	2.2		
07	A	09.57	11.5		0.7			+	4.0	1.9		
	H	09.57	12.4		1.3				2.6	4.0	3.7	2.6
	Z	09.57	12.1		0.8	+		+	0.4	0.4		
07	A	18.21	08.6		1.5	+		+	2.8	1.6		
	H	18.21	09.1		1.6				2.5	2.7	7.9	3.1
	Z	18.21	08.8		1.2				0.6	0.6		
07	A	19.30	30.4		0.7	+	+	-	43.4	26.3		
	H	19.30	31.1		0.9			+	5.8	5.0	4.6	3.7
	Z	19.30	31.4		0.8				0.7	1.0		
07	A	23.51	52.7		0.5	+		+	2.5	1.4		
	H	23.51	53.7		1.0				3.6	3.5	3.2	2.6
	Z	23.51			0.7				0.4	0.9		
08	A	00.12	18.0		0.4	+		+	3.8	2.0		
	H	00.12	18.8		0.8				2.6	3.4	1.0	2.1
	Z	00.12	19.0		0.5				0.4	0.4		
08	A	00.17	50.4		0.5	+		-	8.0	4.6		
	H	00.17	51.2		1.1			+	1.6	2.1	2.1	3.1
	Z	00.17	50.7		0.6	+		+	1.1	1.9		
08	A	08.15	24.3		1.0			-	1.1	1.2		
	H	08.15	24.8		1.7			+	2.0	3.0		2.9
	Z	08.15	24.3		1.2				0.6	0.6		
08	A	09.24	58.1		1.4		-	+	8.3	7.6		
	H	09.24	57.7		1.0			+	16.0	11.0	6.4	3.6
	Z	09.24	58.6		1.2				0.8	0.8		
08	A	09.31	27.7		0.9	+		+	5.4	7.4		
	H	09.31	27.9				-	-	5.6	9.6		3.4
	Z	09.31	28.0			-	+	-	1.4	3.2		
08	A	18.49	47.3		0.5	+			1.5	1.6		
	H	18.49	47.2		0.7		+	+	2.6	3.0	3.1	2.6
	Z	18.49	47.6		0.7	-		-	0.8	1.5		
08	A	19.28	56.2		0.5	+	-	-	72.0	40.0		
	H	19.28	56.4		1.0	+	+	+	28.0	31.0	3.6	4.5
	Z	19.28	56.6		0.8		+	-	12.5	10.0		
08	A	19.36	56.0		0.8	+	-	+	20.8	26.9		
	H	19.36	56.8		1.0	+	+	+	3.9	8.1	4.6	3.6
	Z	19.36	56.7		0.7	-		-	1.4	1.2		
08	A	20.50	02.2		0.5	-			20.0	17.3		
	H	20.50	03.1		1.0	+	+	+	3.3	3.0	3.5	3.2
	Z	20.50	03.0		0.7				0.7	0.8		
08	A	21.51	04.9		0.5	+	-	-	4.0	3.2		
	H	21.51	05.6		0.9			+	4.9	6.6	2.8	2.6
	Z	21.51	05.7		0.6				0.4	0.7		
08	A	21.52	59.0		0.5					2.5		
	H	21.52	59.8		0.8				2.6	3.4	3.2	2.3
	Z	21.52	59.7		0.7				0.3	0.3		
09	A	00.52	53.4		0.3	+			21.0	10.3		
	H	00.52	53.7		0.7	+		+	3.6	1.8	1.7	3.0
	Z	00.52	53.9		0.7	-		-	0.3	0.6		
09	A	06.56	17.7		0.5				4.0	2.1		
	H	06.56	18.5		1.1			+	4.4	4.2	3.0	2.5
	Z	06.56	18.4		0.6			+	0.3	0.6		
09	A	09.13	15.3		0.9			-	12.6	6.2		
	H	09.13	15.4		0.8	+	+	+	5.8	16.0	5.4	3.6
	Z	09.13	16.1		1.1	-		-	0.9	1.4		
09	A	14.30	01.2		1.4			+	1.2	1.4		
	H	14.30	01.1		1.0	+	+	+	6.8	7.4	4.7	3.2
	Z	14.30			1.1			+	0.6	0.3		
09	A	14.30	09.9		1.2			+	0.9	1.8		
	H	14.30	10.2		1.0			+	5.5	4.6	5.0	2.8
	Z	14.30	10.9		1.1				0.4	0.3		
09	A	18.22	32.2		0.6	-		-	10.4	7.4	</	

Mar. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
10	A	07.04	08.6		0.7	+		+	2.0	1.4		
	H	07.04	08.8		1.0				1.7	3.3	2.2	2.8
	Z	07.04	08.6		0.4	+		+	4.5	2.9		
10	A	13.03	11.7		0.9		-	+	5.1	2.5		
	H	13.03	11.9		0.9			+	5.2	10.3	5.9	3.1
	Z	13.03	12.3		1.0				0.8	0.4		
10	A	14.51	31.1		0.7		-		10.4	4.2		
	H	14.51	31.5		0.9		+	+	7.1	15.8	4.5	3.3
	Z	14.51	31.8		1.0	+	-	+	1.1	0.7		
10	A	14.52	53.9		0.5		+		8.0	5.4		
	H	14.52			0.9		+	+	5.0	3.4	3.2	3.0
	Z	14.52	53.7		1.0				0.5	0.3		
10	A	18.18	40.5		0.8				5.5	3.0		
	H	18.18	41.5		1.1			-	2.7	2.7	3.3	3.1
	Z	18.18	40.4		0.5			+	2.4	1.6		
10	A	19.08	21.9		1.0	-			1.8	1.4		
	H	19.08	22.2		1.0	+		+	2.2	4.6	6.3	2.5
	Z	19.08	22.4		1.0				0.3	0.3		
10	A	20.11	53.4		1.3	-			4.8	6.4		
	H	20.11	54.1		0.7			-	3.5	2.0	3.7	
	Z	20.11	53.1		0.5	+		-	7.7	6.5		
10	A	23.35	34.4		1.0			-	4.2	3.6		
	H	23.35	35.4		1.3			+	3.0	2.8	5.1	3.1
	Z	23.35	34.5		0.7			+	0.5	1.4		
11	A	00.38	06.9		1.0	+	-		1.4	1.4		
	H	00.38	07.3		1.1			+	1.6	2.0	6.8	2.7
	Z	00.38	07.4		1.1				0.5	0.3		
11	A	02.05	05.4		1.1		-	+	6.8	7.0		
	H	02.05	05.2		0.9	-		-	10.2	9.2	5.2	3.7
	Z	02.05	05.7		0.9			-	3.2	1.4		
11	A	05.24	03.4					+	4.2	3.6		
	H	05.24	03.8					+	3.4	4.8	3.1	
	Z	05.24	03.9						0.7	2.5		
11	A	12.51	45.8		1.0	-	-		6.0	3.4		
	H	12.51	47.2		0.9			+	2.4	4.8	5.1	3.2
	Z	12.51	46.7		0.8				1.0	1.2		
12	A	00.59	20.6		1.0		-	+	3.1	5.2		
	H	00.59	20.4		0.7		+	+	19.0	19.2	4.8	3.5
	Z	00.59	20.6		0.9	-		-	2.3	2.0		
12	A	01.43	15.2		1.0				4.7	3.1		
	H	01.43	16.1		1.3			+	4.2	4.6	3.7	3.2
	Z	01.43	14.9		0.6				1.1	2.3		
12	A	05.11	38.8		0.5	+			7.3	4.0		
	H	05.11	40.3		1.0	+		+	3.2	4.1	3.6	3.1
	Z	05.11	39.4		0.7				1.6	0.9		
12	A	08.54	54.1		0.8	+		+	20.8	8.0		
	H	08.54	55.2		1.0		-		2.6	3.8	5.4	3.8
	Z	08.54	54.6		0.9	-		-	2.1	1.2		
12	A	10.44	29.1		1.0	-	-	+	0.8	1.2		
	H	10.44	29.4		0.8			+	3.4	4.3	5.4	2.6
	Z	10.44	29.2		1.0				0.4	0.3		
12	A	11.16	49.7		0.4	+	-	+	10.4	4.6		
	H	11.16	50.7		1.1	+	+	+	7.0	3.4	1.0	3.3
	Z	11.16	49.6		0.5	-	+	-	6.3	5.7		
12	A	13.14	40.8		1.0		-		1.0	1.0		
	H	13.14	41.1		1.0			+	2.6	4.2	6.6	2.9
	Z	13.14	41.0		1.0				0.2	0.2		
12	A	13.24	30.7		0.8	-		+	14.4	4.4		
	H	13.24	30.9		0.8			+	5.5	6.7	4.7	3.5
	Z	13.24	31.0		0.9				0.4	1.2		
12	A	17.38	23.4		0.6	+				2.8		
	H	17.38	23.9		0.4			-	3.2	4.3	1.5	2.7
	Z	17.38	23.7		0.7				0.6	0.9		
12	A	19.34	44.6		1.7			+	1.6	2.4		
	H	19.34	45.1		1.7			+	3.0	3.1	6.4	3.6
	Z	19.34	44.3		1.2	-	+	+	3.0	1.3		
12	A	20.46	43.9		1.0	-	-		3.0	2.1		
	H	20.46	43.6		0.6			+	3.8	7.6	4.3	2.8
	Z	20.46	44.4		1.1				0.4	0.2		
13	A	01.53	14.3		0.6	+			7.5	7.3		
	H	01.53	15.4		1.1				2.0	2.9	4.1	2.7
	Z	01.53	14.8		0.7		+	+	0.3	0.3		
13	A	05.00	40.2		0.7	+	+		1.6	1.2		
	H	05.00	40.7		1.1			+	1.8	3.8	3.3	2.5
	Z	05.00	39.9		0.5		+	+	0.5	1.0		
13	A	10.47	54.1		1.0	+		+	6.6	3.9		
	H	10.47	54.1		0.9				6.8	11.0	6.0	3.4
	Z	10.47	54.4		1.0			-	1.2	0.7		
13	A	18.49	53.8		0.8	+		+	7.3	5.4		
	H	18.49	53.9		0.7			+	6.7	16.6	4.5	3.2
	Z	18.49	54.3		1.0			-	0.8	0.6		
13	A	22.04	28.3		1.0	+	-	+	1.5	1.5		
	H	22.04	28.4		0.9			+	2.1	4.3	5.6	2.7
	Z	22.04	28.5		0.9				0.7	0.4		
14	A	00.59	49.1		0.9							
	H	00.59	50.3		0.9				3.7	3.1	2.3	2.5
	Z	00.59	48.5		0.6				1.0	1.7		
14	A	03.17	27.0		1.0							
	H	03.17	27.0		0.9			+	5.4	4.4	5.5	2.4
	Z	03.17	27.4		0.9				0.4	0.6		
14	A	03.25	14.2		0.8		-					
	H	03.25	14.9		1.1			+	2.9	5.3	2.4	2.3
	Z	03.25	14.1		0.5				1.1	1.6		
14	A	04.54	26.6		1.0			+				
	H	04.54	26.3		0.5			+	4.0	10.8	4.0	2.5
	Z	04.54	27.1		1.1	-		-	0.5	0.3		
14	A	08.35	32.4		0.6							
	H	08.35			1.0				2.5	3.4	3.6	1.7
	Z	08.35	32.8		0.6				0.2	0.4		
14	A	08.35	51.9		0.5			-				
	H	08.35	52.2		1.1				5.2	6.1	2.8	2.9
	Z	08.35			0.6				1.2	2.6		
14	A	08.59	06.0		0.7		-					
	H	08.59	06.9		1.0			+	4.9	7.2	4.4	2.2
	Z	08.59	06.2		0.7			+	0.7	0.7		
14	A	08.59	25.7		0.6							
	H	08.59	27.2		1.1				2.9	3.5	3.9	1.9
	Z	08.59	26.1		0.7		+	+	0.4	0.4		
14	A	09.46	19.2		1.1		-					
	H	09.46			0.6			-	3.1	2.8		3.1
	Z	09.46	18.7		0.6				3.6	2.0		
14	A	18.04	03.5		1.0		+		1.3	1.6		
	H	18.04	03.4		1.0			+	4.2	6.4	6.4	2.8
	Z	18.04	03.5		0.9				0.7	0.8		
15	A	00.44	42.7		0.7		-		30.0	15.1		
	H	00.44	43.2		0.9		+	+	6.0	4.1	4.8	4.0
	Z	00.44	43.4		0.8	-	+	-	3.2	1.9		
15	A	00.58	11.5		0.5		+		14.3	6.6		
	H	00.58	12.0		0.7		+	+	7.2	6.4	2.7	3.3
	Z	00.58	12.2		0.9	-	+	-	1.0	1.0		
15	A	01.15	58.5		0.7			+	0.7	1.0		
	H	01.15	58.3		0.9			+	2.3	4.4	4.2	2.4
	Z	01.15	58.8		0.7				0.3	0.8		
15	A	01.43	32.6		0.8	+	-		2.8	2.3		
	H	01.43	32.4		0.7				5.0	5.8		2.6
	Z	01.43	33.1		1.0				0.9	0.5		
15	A	06.21	54.6		0.9	+	-		6.6	5.2		
	H	06.21	54.6		0.8			+	3.6	8.3	5.1	3.1
	Z	06.21	55.0		0.9				0.6	0.5		
15	A	06.25	10.4		1.0	+	-		2.5	4.1		
	H	06.25	10.2		0.9			+	3.5	4.6	6.1	3.0
	Z	06.25	10.5		1.1				0.6	0.4		
15	A	13.24	51.1		0.7				8.2	6.5		
	H	13.24	51.7		0.9			+	6.4	9.7	4.4	3.2
	Z	13.24	51.6		0.6	-	+	-	0.6	1.4		
15	A	13.44	00.7		0.7		+		13.5	4.2		
	H	13.44	01.1		0.9		+	+	3.6	3.4	4.5	3.2
	Z	13.44	01.4		1.0			+	0.4	0.6		
15	A	17.53	44.8		1.2	+	-	+	8.4	7.2		

**Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966**

35

Mar. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude	Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S					E	N	U		E-W	N-S					
16	A	02.20	05.7		1.1				0.4	0.8			19	A	00.49	47.1	1.1	-	+	4.5	4.6				
	H	02.20	05.9		0.9				3.8	2.9	3.2	2.8		H	00.49	47.1	0.5	+		7.3	10.0	2.7	3.3		
	Z	02.20	05.3		0.7	+	-		2.5	1.2				Z	00.49	47.4	1.0		-	1.1	0.6				
16	A	02.38	06.1		1.1				3.3	5.0			19	A	01.02	32.7	0.8		+	10.8	4.8	4.9	3.3		
	H	02.38	05.8		0.9	+			4.5	6.2	5.9	3.1		H	01.02	33.2	0.9			2.3	2.4				
	Z	02.38	06.4		1.0		-		0.7	0.4				Z	01.02	33.0	0.8	-	-	0.4	0.9				
16	A	02.49	06.2		1.3		-		1.0	1.8	0.2	2.7	19	A	02.12	12.0	1.0		+	5.5	6.0	5.9	3.3		
	H	02.49	06.2		0.7				5.8	9.0				H	02.12	11.9	0.8		+	9.6	7.0				
	Z	02.49	06.6		1.0				0.4	0.4				Z	02.12	11.3	1.1	+	-	2.2	1.2				
16	A	03.05	45.3		1.2			-	3.9	2.4			19	A	14.04	10.0	0.6	-	-	3.7	3.3	2.0	3.3		
	H	03.05	44.6		1.0			-	8.4	6.2	6.5	3.0		H	14.04	10.2	0.9	+	+	1.8	2.8				
	Z	03.05	45.9		1.4				0.3	0.3				Z	14.04	09.9	0.4			5.6	4.8				
15	A	13.22	22.2		1.0	+	+		0.5	0.5			19	A	23.57	05.4	0.9		+						
	H	13.22	22.3		1.1		+	-	2.4	3.0	1.7			H	23.57	05.3	0.9		+	8.0	8.6	6.0	3.3		
	Z	13.22	21.9		0.6			+	1.3	1.0				Z	23.57	05.9	1.0	-	-	1.5	1.0				
15	A	13.40	31.8		0.7		-	+	1.8	1.4	3.3	2.9	20	A	00.46	04.0	1.5		+						
	H	13.40	32.5		1.1		+	+	1.4	1.4				H	00.46	04.3	1.8	+	+	8.6	10.5	7.5	4.3		
	Z	13.40	31.9		0.5		+	-	3.3	2.3				Z	00.46	03.9	1.2	-	+	6.3	4.1				
15	A	13.46	36.4		0.5	+			5.4	3.3	3.2	2.7	20	A	06.39	52.1	1.1		+						
	H	13.46	36.6		0.8				2.4	2.4				H	06.39	52.1	0.9		+	5.8	11.6	6.3	3.3		
	Z	13.46	36.8		0.7	+		-	0.4	0.7				Z	06.39	52.6	1.1		+	1.4	1.0				
15	A	13.50	24.1		1.7		-		0.4	0.6	7.5	2.9	20	A	08.00	44.3	0.9		+						
	H	13.50	24.5		1.8			+	0.6	0.5				H	08.00	44.3	0.9	+		12.1	20.2	5.8	2.3		
	Z	13.50	24.3		1.3	-		+	1.0	0.5				Z	08.00	45.1	1.0		-	0.8	1.0				
15	A	19.31	46.3		1.1	+			1.0	1.4			20	A	17.12	31.5	1.0		-	2.5	2.1	5.1	2.3		
	H	19.31	47.1		1.3			-	1.3	1.0		2.7		H	17.12	31.9	0.8				4.0				
	Z	19.31	46.4		1.0	+		-	2.0	1.6				Z	17.12	32.2	0.9		+	0.7	0.5				
16	A	05.47	56.7		0.8	+	+	-	7.0	4.1			20	A	23.54	41.1	0.8	+	-	17.4	25.0	5.2	3.3		
	H	05.47	57.4		1.1	+		-	12.3	9.0	2.9	3.4		H	23.54	41.6	1.0		+	9.6	16.5				
	Z	05.47	56.4		0.5			+	5.4	4.1				Z	23.54	41.8	0.8		-	3.5	1.5				
16	A	14.01	24.7		0.7		-	+	0.6	1.2	3.0	2.8	21	A	00.04	08.1	0.6			10.5	4.0	4.2	3.3		
	H	14.01	25.2		0.9			-	3.2	2.3				H	00.04	08.4	0.9		+	4.8	9.4				
	Z	14.01	24.8		0.5			-	4.0	2.0				Z	00.04	08.6	0.7			1.2	1.1				
16	A	14.11	57.4		0.6	+	+	+	12.4	18.0			21	A	03.03	43.1	1.2	+		3.4	6.8	6.7	3.3		
	H	14.11	58.7		1.1			+	4.5	5.1	4.0	3.5		H	03.03	42.5	1.0		+	7.0	10.0				
	Z	14.11	58.5		0.7			+	1.8	1.7				Z	03.03	43.2	1.1		-	1.1	0.9				
17	A	04.09	52.5		1.2	-	-	+	3.8	4.5	6.9	3.6	21	A	03.17	30.2	0.5	+		2.6	2.4	2.0	2.3		
	H	04.09	52.1		1.0			+	12.1	7.4				H	03.17	31.0	0.9			2.2	2.8				
	Z	04.09	52.7		1.2	+		+	2.6	1.0				Z	03.17	30.4	0.4		+	1.0	1.4				
17	A	10.21	48.2		0.8			+			3.7	2.6	21	A	04.14	36.2	0.9		-	8.0	4.6	4.2	3.3		
	H	10.21	48.6		0.9			+	4.3	4.7				H	04.14	36.9	1.3	+	+	4.0	6.8				
	Z	10.21	48.2		0.6		+	-	1.6	0.9				Z	04.14	36.3	0.6		+	5.3	7.8				
17	A	14.58	23.9		0.8		-	+	1.8	1.2	2.8	3.0	21	A	07.10	53.8			+	3.4	4.2				
	H	14.58	24.1		1.1			+	5.4	2.8				H	07.10	54.1	1.9	+	+	6.5	10.2				
	Z	14.58	23.3		0.4			+	5.5	3.8				Z	07.10	53.8	1.2	-	+	4.2	3.0				
17	A	17.37	52.5		1.0			+	4.8	4.0			21	A	09.23	32.8	1.8	+	-	3.4	2.6	3.1	3.3		
	H	17.37	52.5		0.7			+	3.3	7.2	5.4	3.3		H	09.23	32.7	1.8		+	1.8	2.2				
	Z	17.37	52.7		1.1				1.1	0.9				Z	09.23	32.3	1.2			2.8	2.6				
17	A	21.25	19.9		1.1	-	-	+	2.6	2.4			21	A	15.09	58.9	1.0		-	6.3	6.4	6.4	3.3		
	H	21.25	19.5		1.0			+	7.2	7.6	5.7	3.1		H	15.09	59.0	1.1		+	10.7	13.4				
	Z	21.25	19.9		0.9	+			1.2	0.7				Z	15.09	58.7	0.9			5.1	1.9				
17	A	22.40	39.2		1.1			+	3.5	4.4			21	A	21.24	29.7	0.7	-	-	9.4	4.4	3.5	3.3		
	H	22.40	39.0		1.0			+	7.8	10.8	6.6	3.4		H	21.24	29.7	0.7		+	5.3	13.4				
	Z	22.40	39.6		1.1				1.3	1.1				Z	21.24	30.4	1.0	-	+	0.5	1.2				
17	A	22.51	40.5		0.7	+	+	-	3.5	5.8	1.8	3.2	21	A	23.47	19.4	1.0			4.4	4.2				
	H	22.51	41.0		1.0	+			2.0	2.7				H	23.47	19.7	1.1	-	-	11.2	8.9	1.3	3.3		
	Z	22.51	40.1		0.3	+		+	3.9	7.6				Z	23.47	19.2	0.4			3.4	5.0				
18	A	00.39	21.5		1.1	+	-	+	5.2	4.7			21	A	23.50	35.5	1.1			1.7	2.0	2.1	3.3		
	H	00.39	21.0		0.8		+	+	12.6	12.2	5.9	3.4		H	23.50	35.7	1.1		-	2.2	1.8				
	Z	00.39	21.8		1.2				0.9	1.2				Z	23.50	35.1	0.6			4.0	2.1				
18	A	02.25	05.6		1.3		+	+		0.4			21	A	23.53	22.6	1.0	+	-	3.4	3.1	2.5	3.3		
	H	02.25	05.5		0.9			-	2.3	2.0		2.3		H	23.53	22.7	1.2	-	-	5.0	6.1				
	Z	02.25	05.1		0.6			+	1.7	2.0				Z	23.53	22.8	0.5			1.6	1.7				
18	A	11.30	06.5		0.6			+	1.3	1.6	3.8	2.6	22	A	01.42	36.5	0.5	+	+	63.2		3.4	4.3		

Mar. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
Date	Station	h	m	s	S-P (sec)	E	N	U	E-W	N-S	Depth (km)	Magnitude
22	A	06.06	35.4		1.0			+	1.6			
	H	06.06	35.3		1.0	-	+	-	6.4	6.3	2.2	3.0
	Z	06.06	34.9		0.5				3.0	1.4		
22	A	06.38	42.9		1.0				3.0			
	H	06.38	42.9		1.0	-	-	-	7.4	8.0	3.8	3.5
	Z	06.38	42.6		0.6				3.6	6.4		
22	A	07.15	33.5		1.0	+			3.1			
	H	07.15	33.6		1.0			+	6.7	8.0	6.3	3.2
	Z	07.15	33.8		1.0				1.3	0.8		
22	A	07.59	51.3		0.8	+		-	59.3			
	H	07.59	51.9		1.1		+	+	13.2	17.5	5.9	4.3
	Z	07.59	52.1		1.0		-	-	2.2	3.6		
22	A	14.54	24.9		0.7	+		+	10.3	5.6		
	H	14.54	25.6		0.9			+	4.6	6.9	4.4	3.1
	Z	14.54	25.5		0.7	+		-	0.8	0.5		
22	A	17.11	27.7		0.7	+	+	+	2.8	2.0		
	H	17.11	28.3		1.1				3.9	5.0	3.2	3.0
	Z	17.11	27.7		0.5				0.8	2.6		
22	A	20.01	14.1		0.8	+	-	+	2.4	2.0		
	H	20.01	14.3		0.9	-			2.8	3.2	3.7	3.3
	Z	20.01	13.8		0.6				7.8	4.5		
22	A	22.34	54.8		1.0			+	2.6			
	H	22.34	54.8		1.0	-	-	-	11.3	12.8	3.9	3.2
	Z	22.34	54.8		0.6			+	3.0	3.2		
23	A	01.54	02.2		0.4			+	3.6			
	H	01.54	02.4		0.8	-	-	+	4.0	3.9	1.2	2.8
	Z	01.54	01.9		0.3			+	4.8	2.4		
23	A	06.42	20.8		0.8	-		+	9.2			
	H	06.42	20.4		0.8			-	14.7	17.0	5.0	3.4
	Z	06.42	20.9		0.9			-	1.4	1.5		
23	A	09.08	26.5		1.0	+		+	3.4			
	H	09.08	26.1		1.0		+	+	7.0	8.6	6.4	3.3
	Z	09.08	26.5		1.0				1.2	1.0		
23	A	13.24	54.7		0.5	+	+	+	29.0	13.4		
	H	13.24	55.1		1.0	+	+	+	10.0	14.6	3.5	4.1
	Z	13.24	55.1		0.7	+	-	+	9.6	6.0		
23	A	15.05	52.6		0.8	+	-	+	3.6	2.3		
	H	15.05	52.7		0.8	-	-	-	2.4	1.9	2.3	3.1
	Z	15.05	52.3		0.4	-		-	4.2	3.7		
23	A	16.25	11.3		0.8		-	+	4.4	4.4		
	H	16.25	11.5		0.9			+	3.7	5.8	4.5	3.0
	Z	16.25	11.3		0.7	-		-	1.1	0.6		
23	A	17.30	45.4		0.9		-	+	3.7	6.1		
	H	17.30	45.1		0.9				6.8	13.2	5.8	3.2
	Z	17.30	45.3		0.9				1.0	0.8		
23	A	19.37	38.0		0.9				1.4	0.5		
	H	19.37	37.7		0.9	+		-	1.4	1.0	2.2	2.9
	Z	19.37	37.5		0.4				3.2	4.0		
23	A	22.36	32.4		1.0		-		9.6	10.0		
	H	22.36	31.8		0.8	+		+	13.7	16.7	5.6	3.8
	Z	22.36	32.1		1.0				3.2	2.6		
24	A	00.57	57.7		0.9		-	+	1.1	1.2		
	H	00.57	57.2		0.9			-	1.7	0.9		
	Z	00.57	57.2		0.9				2.4	2.1		
24	A	05.33	30.6		1.2	+		+	1.9	2.1		
	H	05.33	30.1		1.1		+	-	7.6	5.0	2.9	3.3
	Z	05.33	29.8		0.7			+	3.5	3.2		
24	A	07.57	56.7		0.9	+	-	+	3.5	3.0		
	H	07.57	56.7		0.7		+	-	3.9	5.6		
	Z	07.57	56.4		0.5				3.2	2.4		
24	A	12.43	32.0		0.9	+	-	+	1.0	1.8		
	H	12.43	31.9		0.7			-	2.4	2.3		
	Z	12.43	31.7		0.5				2.4	1.4		
24	A	13.38	05.2		0.8		+		0.8	0.4		
	H	13.38	05.0		0.8			-	1.6	0.6		
	Z	13.38	04.3		0.3				4.3	3.4		
24	A	14.03	49.4		0.8			+	11.8	10.3		
	H	14.03	49.3		1.0	+		+	11.9	14.3	5.7	4.1
	Z	14.03	49.6		1.0			+	10.6	5.4		
24	A	23.29	48.0		0.9							
	H	23.29	48.2		1.1			+	1.1	0.8	5.4	2.9
	Z	23.29	48.0		0.7				1.8	1.1		
25	A	00.42	29.0		1.0							
	H	00.42	27.5		0.9	+	+	+	10.1	18.2	5.4	3.4
	Z	00.42	28.1		0.9				3.2	1.4		
25	A	03.49	49.8		1.0			+				
	H	03.49	49.4		0.7			-				
	Z	03.49	49.7		0.8				4.6	15.4	3.9	3.0
25	A	10.10	56.6		0.8			+				
	H	10.10	56.7		1.0	+	+	+	3.8	3.8	3.7	3.2
	Z	10.10	56.4		0.5	-			5.1	3.4		
25	A	10.18	06.1		0.6			+				
	H	10.18	06.2		0.8			+	3.5	5.4		
	Z	10.18	06.2		0.8				0.6	0.6		
25	A	12.56	56.9		0.8			+				
	H	12.56	56.7		0.8				2.1	1.8	3.3	2.8
	Z	12.56	56.5		0.6				2.4	1.1		
25	A	12.58	36.0		1.1							
	H	12.58	35.3		1.5			+	6.9	10.5	6.2	3.0
	Z	12.58	35.7		0.9				1.0	1.8		
25	A	14.15	26.9		1.2	-			8.6	2.9		
	H	14.15	27.1		1.0				4.1	5.8	6.8	3.5
	Z	14.15	27.5		1.2				0.8	0.7		
25	A	19.46	18.0		1.0		-	+		5.6		
	H	19.46	17.3		0.8	+		-	9.5	10.2	4.5	3.3
	Z	19.46	17.7		0.8				1.5	1.5		
25	A	21.14	34.5		0.9			-	3.9	3.5		
	H	21.14	34.4		1.2		+	+	4.6	6.2	5.5	3.3
	Z	21.14	34.4		0.8				2.6	1.8		
25	A	22.36	06.0		1.0	-	-	+	6.8	4.6		
	H	22.36	05.5		0.9			+	8.0	10.2	6.3	3.6
	Z	22.36	06.2		1.1			+	2.2	1.8		
26	A	04.17	40.6		1.0	-		+				
	H	04.17	40.0		1.0	+	+	+	7.0	4.4		
	Z	04.17	40.8		1.1			+	10.2	7.7	6.2	3.5
26	A	07.53	30.5		1.0	+		+	4.3			
	H	07.53	30.0		0.9		+	-	9.7	11.3	5.9	3.3
	Z	07.53	30.5		0.9				1.5	1.3		
26	A	11.54	42.0		1.1			+	9.5	5.6		
	H	11.54	41.5		1.2		-	-	8.2	14.8	6.1	3.6
	Z	11.54	42.2		0.8			+	1.6	1.3		
26	A	14.56	27.2		1.0	+		+	4.8	3.5		
	H	14.56	27.3		1.1		+	+	8.8	10.4	7.0	3.5
	Z	14.56	27.5		1.1	+	+	+	2.1	1.0		
26	A	17.51	14.8		1.0	-			37.2	7.0		
	H	17.51	14.4		0.7		-		22.0	13.8	3.8	4.2
	Z	17.51	15.1		0.8	-	+	-	3.4	4.0		
26	A	20.56	30.1		1.0		-	+	13.3	16.5		
	H	20.56	29.8		0.8			+	7.6	15.8	5.4	3.5
	Z	20.56	30.3		1.0	-	+	-	0.7	0.6		
26	A	23.03	36.2		1.0		-	+	1.4	1.2		
	H	23.03	36.6		1.0				2.2	0.6	2.3	2.7
	Z	23.03	35.9		0.5	-</						

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

37

Mar. 1966 - Apr. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude	
		h	m	s		S-P	E	N	U	E-W			N-S
30	A	04.16	53.1	0.9	-		+		19.7				
	H	04.16	52.6	0.8	+	+	+		26.0	39.1	5.1	4.1	
	Z	04.16	53.4	0.9	-		-		5.8	3.3			
30	A	05.53	19.2	0.9			-		10.0				
	H	05.53	17.5	0.3	+	-	-		36.4	28.1	2.2	3.1	
	Z	05.53	18.6	1.0	-				0.3	0.3			
30	A	08.39	26.1	0.9	-		+		13.2				
	H	08.39	25.9	0.9			-		18.0	34.5	5.6	4.0	
	Z	08.39	26.3	1.0	-		-		5.7	3.6			
30	A	14.35	22.2	0.9	+	-	+		21.0	12.0			
	H	14.35	22.5	1.0			+	+	14.6	24.9	5.5	3.8	
	Z	14.35	22.3	0.8				-	19.6	21.3			
30	A	16.57	48.3	0.6	+	+	+		8.9	11.0			
	H	16.57	48.7	0.5		-	-		15.9	28.3	0.7	2.8	
	Z	16.57	48.9	0.5	-		-		0.6	0.3			
30	A	17.04	58.7	0.7	+		-		1.9	1.2			
	H	17.04	59.2	1.0			+		4.4	4.9	3.6	3.1	
	Z	17.04	58.6	0.5				+	4.5	6.8			
30	A	17.27	37.0	0.9	+		+		3.9	4.3			
	H	17.27	37.1	0.8					9.0	9.3	1.8	3.6	
	Z	17.27	37.2	0.5					11.0	7.0			
30	A	17.29	36.6	0.9	+	-	+		1.6	1.5			
	H	17.29	36.7	0.8			-		5.3	5.6	2.1	3.1	
	Z	17.29	36.4	0.5					5.3	3.0			
30	A	17.29	54.3	0.9	-		+		2.7	1.8			
	H	17.29	54.5	0.9			-		4.8	3.0	2.9	3.0	
	Z	17.29	54.4	0.5					2.0	1.6			
30	A	21.05	02.5	1.0				+	12.5	3.4			
	H	21.05	03.2	1.3					2.0	1.8	6.7	3.9	
	Z	21.05	02.6	1.0	-				2.0	4.1			
30	A	21.34	53.7	0.5	-		-		8.6	6.3			
	H	21.34	54.6	0.9			-		4.5	7.0	2.0	3.2	
	Z	21.34	53.6	0.4	+	-	+		4.0	3.1			
30	A	23.21	44.0	1.0			-		2.4	1.4			
	H	23.21	44.1	0.7					7.2	10.6	3.9	3.0	
	Z	23.21	43.7	0.8			+	+	0.6	1.2			
31	A	02.08	42.0	1.1	+	-	+		23.4	6.0			
	H	02.08	42.8	1.3	+	+	+		4.8	6.8	4.9	4.3	
	Z	02.08	42.3	0.7			-	+	11.2	9.1			
31	A	05.00	17.1	1.0			-	+	8.4	5.3			
	H	05.00	17.2	1.0	+	+	+		9.0	12.8	6.4	3.7	
	Z	05.00	17.3	1.0				-	3.0	1.8			
31	A	06.07	10.6	0.6		-	+		12.9	10.0			
	H	06.07	11.5	1.1	-		-		5.0	4.6	4.1	3.6	
	Z	06.07	10.8	0.7	+	-	+		3.4	1.7			
31	A	08.10	00.1	1.0			-	+	4.6	6.3			
	H	08.09	59.7	0.5			+		6.4	6.1	3.5	3.7	
	Z	08.09	59.9	1.0	-		-		4.3	1.3			
31	A	09.00	41.8	1.1					6.5	9.5			
	H	09.00	42.0	0.9			+	-	7.0	11.2	6.0	3.7	
	Z	09.00	41.8	1.0					2.6	1.1			
31	A	16.16	56.2	0.9			-	+	0.8	0.7			
	H	16.16	56.2	1.0				-	4.8	6.8	4.6	2.7	
	Z	16.16	55.1	0.7				+	1.3	1.7			
31	A	16.42	20.9	1.1			-	+	9.6	12.4			
	H	16.42	20.4	1.0	-	+	+		11.8	12.3	7.0	4.1	
	Z	16.42	21.0	1.3	+	-	+		4.8	3.4			
31	A	17.30	47.8	0.8				+	0.7	1.5			
	H	17.30	47.9	0.7					2.2	1.4	1.1	3.1	
	Z	17.30	47.1	0.4					4.2	3.3			
31	A	17.56	50.2	0.7				+	1.1	1.0			
	H	17.56	50.4	0.7			+		2.9	2.4	0.8	2.7	
	Z	17.56	49.4	0.4	-		-		5.5	5.6			
31	A	18.04	10.3	1.1	-	-	+		2.9	5.4			
	H	18.04	10.4	1.0	+	+	-		10.0	7.8	6.1	3.5	
	Z	18.04	10.3	1.0	+		+		2.4	1.6			
31	A	18.39	26.4	0.9					2.6	2.4			
	H	18.39	26.6	1.0	-				3.9	3.8	3.3	3.0	
	Z	18.39	25.9	0.5					0.8	2.2			
31	A	18.45	00.6	1.2				+	2.0	1.8			
	H	18.45	01.0	1.1			+	-	2.8	4.5	1.8	3.2	
	Z	18.45	01.3	0.7					2.8	1.1			
31	A	18.54	32.2	1.0			-	-	5.9	5.1			
	H	18.54	32.5	1.0					13.0	15.2	3.9	3.2	
	Z	18.54	31.9	0.6					1.3	1.8			
31	A	22.17	21.8	0.5			-	+	6.5	5.0			
	H	22.17	22.6	0.7	-		+		7.7	6.7	3.1	3.1	
	Z	22.17	21.9	0.7	-		-		0.6	2.0			
31	A	22.42	55.5	0.6	+		+		8.2	5.8			
	H	22.42	56.4	1.0			+		7.4	7.4	4.1	3.4	
	Z	22.42	56.0	0.7				+	1.4	3.6			
31	A	23.01	20.9	0.8			+		3.0	2.3			
	H	23.01	21.1	0.8			-		3.0	2.0		2.9	
	Z	23.01	20.1	0.4				+	2.9	2.6			
1966 April													
01	A	00.32	37.1	1.0	+		+		5.2				
	H	00.32	37.3	0.6			-		8.0	5.6	0	4.1	
	Z	00.32		0.7					19.8	12.2			
01	A	00.35	33.7	0.9					0.7	0.5			
	H	00.35	33.7	0.9					2.0	1.3	3.1	2.3	
	Z	00.35	33.1	0.5				+	0.6	0.8			
01	A	00.37	10.7	0.9	+	-			3.7	3.4			
	H	00.37	10.9	1.0			-		5.4	3.4		3.3	
	Z	00.37	09.4	0.5	+		+		10.4	7.2			
01	A	00.50	41.8	0.9				+	1.0	1.2			
	H	00.50	42.1	0.9			-		1.9	1.4		2.8	
	Z	00.50	41.2	0.4			-		4.8	3.5			
01	A	01.34	14.6	1.0				+					
	H	01.34	14.7	1.0	-	+	-		4.6	3.5		2.7	
	Z	01.34	13.7	0.4	+		+		4.5	4.1			
01	A	01.50	49.0	0.9				+					
	H	01.50	49.3	0.9					1.2	1.0	1.2	2.3	
	Z	01.50	48.4	0.4					1.9	1.0			
01	A	01.56	54.9	0.9				+					
	H	01.56	55.2	0.9			-		2.3	1.4	0.7	2.3	
	Z	01.56	54.4	0.4				+	1.7	1.7			
01	A	05.25	19.0	1.0				+	62.0	62.0			
	H	05.25	18.6	0.6	+	-	-				4.2	4.9	
	Z	05.25	19.3	0.9	-	-	-		29.0	21.5			
01	A	06.12	26.8	0.5									
	H	06.12	27.5	1.0				+		11.1	1.6	3.4	
	Z	06.12	26.5	0.4	-	-	+		12.1	11.0			
01	A	10.17	45.1	0.7									
	H	10.17	45.6	1.0			-		3.0	6.4	3.9	2.7	
	Z	10.17	44.1	0.6					1.7	1.3			
01	A	10.40	30.6	1.0				-					
	H	10.40	31.2	1.1	+		+		14.4	12.1	6.9	3.9	
	Z	10.40	31.1	1.2					4.4	6.0			
01	A	12.04	50.9	0.7				+					
	H	12.04	50.6	1.0	+		+		11.0	23.1	3.6	3.7	
	Z	12.04	50.0	0.5					11.0	4.6			
01	A	13.47	19.3	1.1	-	-	+		13.3	4.6			
	H	13.47	19.2	0.9	-	-	-						

Apr. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
01	A	23.33	32.1		1.0			+	1.8	1.8		
	H	23.33	32.3		0.9		+	-	7.7	8.0	0	3.0
	Z	23.33	31.8		0.5			+	1.6	2.7		
01	A	23.43	09.0		1.1	-		+	3.2	3.1		
	H	23.43	09.4		1.0	-			10.6	9.7	3.1	3.4
	Z	23.43	09.0		0.7			+	2.2	3.7		
02	A	00.41	44.6		0.8				9.3	15.4		
	H	00.41	44.9		1.0			-	5.6	10.8	2.1	3.9
	Z	00.41	44.4		0.3				15.6	10.8		
02	A	00.42	10.1		0.7			+	1.7	1.9		
	H	00.42	10.7		0.8				2.0	3.1	1.7	2.7
	Z	00.42	10.0		0.3				3.0	3.2		
02	A	05.32	39.7		0.8	-		+	2.6	2.8		
	H	05.32	40.0		1.0	+	-		20.2	14.2	2.7	3.4
	Z	05.32	39.5		0.4				10.4	8.0		
02	A	05.33	21.2		0.8			+	1.9	1.9		
	H	05.33	21.6		0.9	-		-	3.9	2.9	1.4	2.7
	Z	05.33	20.9		0.3				2.4	2.1		
02	A	05.44	13.7		0.8	+		+	5.4	6.7		
	H	05.44	14.1		1.0	-		-	7.0	6.2	2.8	3.9
	Z	05.44	13.6		0.4				22.2	20.6		
02	A	06.02	32.8		0.8				4.0			
	H	06.02	33.2		0.9	+		-	6.0	3.2	2.7	2.9
	Z	06.02	32.6		0.4				1.4	2.1		
02	A	06.02	39.6		0.8			+	18.4			
	H	06.02	40.0		1.1					33.0	3.0	4.2
	Z	06.02	39.5		0.4				28.4	23.0		
02	A	06.09	26.8		0.8	+		+	12.1			
	H	06.09	27.4		1.1	-		-		16.6	3.3	3.9
	Z	06.09	26.7		0.5				10.1	8.0		
02	A	06.35	01.7		0.9				3.6			
	H	06.35	01.5		1.0	-		-	7.4	8.6	3.2	3.3
	Z	06.35	01.8		0.5				4.3	4.6		
02	A	11.39	24.8		0.8			+	4.2	5.4		
	H	11.39	25.2		0.9	-		-	5.6	8.0	2.4	3.4
	Z	11.39	24.9		0.4			+	5.2	3.3		
02	A	12.10	03.4		0.9	-		+	4.6	5.4	4.2	3.7
	H	12.10	03.7		1.0					16.5		
	Z	12.10	03.5		0.6			+	8.0	6.2		
02	A	13.31	40.7		0.9			+	7.8			
	H	13.31	41.2		1.0			-	9.3	13.1	4.6	3.7
	Z	13.31	40.8		0.7	+		+	5.5	5.7		
02	A	13.33	30.4		1.5			+	2.4			
	H	13.33	31.0					-	5.2	10.2		3.4
	Z	13.33	29.3		1.0			+	2.4	2.6		
02	A	13.50	57.7		0.8			+	3.8			
	H	13.50	58.4		0.9			-	6.6	12.6	3.4	3.1
	Z	13.50	57.7		0.5	+		+	2.0	3.0		
02	A	14.33	58.9		0.9				2.7			
	H	14.34	00.1		1.2				1.6	2.0	5.3	3.2
	Z	14.33	59.6		0.8			+	1.5	2.8		
02	A	14.55	58.7		1.0			+	1.5			
	H	14.55	59.1		1.0				4.5	5.2	2.9	2.8
	Z	14.55	58.8		0.6			+	1.3	1.6		
02	A	14.58	48.0		0.9				2.7			
	H	14.58	48.4		1.0			-	7.0	6.4	4.2	3.3
	Z	14.58	47.8		0.6			+	4.3	2.5		
02	A	15.18	08.2		0.8	-			3.2			
	H	15.18	09.2		1.2	+			3.0	3.9	2.6	3.3
	Z	15.18	08.6		0.5	-	-	+	7.4	5.4		
02	A	15.36	18.2		0.8			-	2.6			
	H	15.36	18.5		1.3	+		+	6.8	6.2	4.6	3.2
	Z	15.36	17.6		0.8			-	3.1	1.7		
02	A	16.58	40.0		1.1				0.8	0.8		
	H	16.58	40.2					-	5.4	3.8		3.0
	Z	16.58	39.6		0.8				5.7	2.1		
02	A	18.52	23.1		0.8			+	2.4	2.8		
	H	18.52	23.4		0.9	-	-	-	3.2	2.2	0	3.0
	Z	18.52	22.7		0.4	-			5.1	3.2		
03	A	00.09	29.7		1.0	-		+	2.4	2.0		
	H	00.09	29.6		1.0	-	-	+	6.7	5.9	4.1	3.1
	Z	00.09	29.5		0.6			+	3.1	3.0		
03	A	01.59	57.3		0.6	+	+	+	46.2	8.8		
	H	01.59	58.5		1.1	+	+	+	13.6	10.2	4.3	4.4
	Z	01.59	58.0		0.8		-	+	20.1	7.0		
03	A	03.58	39.0		0.8			-	3.9	2.5		
	H	03.58	39.6		1.0			+	5.4	2.8	3.2	3.2
	Z	03.58	39.3		0.5			-	3.8	2.3		
03	A	07.00	39.9		1.0			-	19.2	5.7		
	H	07.00	40.9		1.4	+	+	+	9.6	13.6	5.8	4.2
	Z	07.00	40.6		0.9			-	9.4	7.5		
03	A	07.16	35.0		1.1			+	2.0	2.2		
	H	07.16	35.4		1.2			-	1.8	1.2	2.4	3.1
	Z	07.16	34.6		0.6	-		+	1.8	2.1		
03	A	08.04	51.9		0.7			-	4.6	5.3		
	H	08.04	52.8		0.9			-	2.1	2.2	1.3	3.2
	Z	08.04	51.8		0.3	-			4.8	7.0		
03	A	11.53	44.1		0.9	-	+		2.1	1.6		
	H	11.53	44.3		1.0			-	9.6	9.4	3.3	2.9
	Z	11.53	43.8		0.5			+	1.5	2.3		
03	A	16.08	41.4		0.9	+		+	20.0	11.0		
	H	16.08	42.6		1.1			+	4.6	1.9	5.4	3.7
	Z	16.08	42.3		0.8			+	1.8	0.7		
03	A	18.06	37.0		1.0					0.4		
	H	18.06	37.0		0.9				2.0	1.6		2.1
	Z	18.06	36.3		0.6		+	+	1.1	1.0		
03	A	19.22	43.4		0.6			-	46.9	10.7		
	H	19.22	43.8		0.9	+		+	3.3	2.1	3.9	3.7
	Z	19.22	44.0		0.8	-	+	-	0.6	1.0		
03	A	20.00	44.9		1.2				1.2	0.9		
	H	20.00	45.2		1.0			-	3.0	3.4		2.8
	Z	20.00	44.8		1.0			+	1.2	1.4		
03	A	20.16	50.9		1.0			+	4.5	2.5		
	H	20.16	50.7		0.9	+		+	4.9	7.2	6.1	3.2
	Z	20.16	51.2		1.1				0.9	0.4		
03	A	21.50	07.8		1.1			+	1.6	2.0		
	H	21.50	08.1		1.1			-	5.5	3.0	7.4	3.0
	Z	21.50	07.7		1.2			+	0.9	0.9		
03	A	21.51	18.4		1.1			+	2.1	1.2		
	H	21.51	18.5		1.2				6.0	8.3	3.6	2.9
	Z	21.51	18.5		0.6			+	1.1	1.3		
03	A	21.56	02.9		0.8			+	0.6	0.5		
	H	21.56	03.6		1.0				3.6	2.4	3.5	2.3
	Z	21.56	02.8		0.5				1.0	0.9		
03	A	22.14	14.5		0.8				1.6	1.2		
	H	22.14	15.1		1.3				2.3	2.3	4.9	2.8
	Z	22.14	14.7		0.8			+	1.2	1.1		
03	A	22.37	18.7		0.9				1.4	1.0		
	H	22.37	19.9		1.0				1.6	1.2	4.1	2.7
	Z	22.37	19.1		0.6			+	0.7	1.2		
03	A	23.32	20.8		1.3				4.2	5.4		
	H	23.32	21.0		1.0			-	6.8	7.5	6.9	3.4
	Z	23.32	21.5		1.2				0.9	0.7		
03	A	23.47	51.6		0.7	+		+	73.8			
	H	23.47	52.3		1.0				22.0	15.5	4.6	4.5
	Z	23.47	52.2		0.7				9.7	10.9		
04	A	00.11	42.8		0.6			+	14.2	11.2		
	H	00.11	43.1		0.9	-	-	-	13.0	30.4	3.3	4.0
	Z	00.11	43.0		0.5			+	14.9	10.7		
04	A	00.24	49.5		0.6				19.3	4.6		
	H	00.24	50.6		1.1	-	+		10.0	11.6	3.4	3.7
	Z	00.24	49.7		0.7			+	2.7	4.1		
04	A	01.45	51.6		1.0			-	11.8	10.5		
	H	01.45	51.2		0.9	-	+	-	233			

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

39

Apr. 1966

Date	Station	P Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude			Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S							h	m	s		E	N	U	E-W	N-S		
04	A	04.52	01.2		0.6	-		-	10.4			3.9	3.3			05	A	07.03	49.8	0.9	-		+	2.8		4.7	3.2
	H	04.52	02.4	1.0				4.5	2.2								07.03	50.2	1.2		+	3.6	7.4				
	Z	04.52	02.2	0.7				1.3	1.8								07.03	49.6	0.8		-	1.1	2.3				
04	A	05.33	44.0		1.0				10.4			6.4	3.7			05	A	07.29	15.4	1.0			+	0.8		2.2	2.6
	H	05.33	43.5	1.0			+	9.0	13.0								07.29	15.7	0.9		-	5.4	6.3				
	Z	05.33	44.2	1.0	-		-	2.0	1.4								07.29	15.2	0.6		+	1.3	1.4				
04	A	06.14	03.9		0.8				2.5	2.2	4.8	2.9			05	A	08.30	00.3	0.6				1.4		2.4	2.5	
	H	06.14	04.7	1.1			+	3.7	3.4								08.30	00.5	0.7	-	3.3	4.2					
	Z	06.14	04.3	0.7				1.3	1.2								08.30	00.0	0.5		-	1.3	0.8				
04	A	06.42	36.8		1.1	-		+	0.7	0.7	1.4	2.7			05	A	12.30	48.6	1.2	+	-		3.5	5.0	6.4	3.5	
	H	06.42	37.1	1.0				3.5	1.4								12.30	48.4	1.0		+	12.8	13.2				
	Z	06.42	36.7	0.6			+	2.4	2.2								12.30	48.7	1.1	+	+	2.1	1.2				
04	A	07.06	46.2		0.9			+	1.0	0.8	2.7	2.6			05	A	13.03	48.0	1.0	+		+	1.4	2.3		3.0	
	H	07.06	46.6	0.9	+			3.0	4.8								13.03	48.2	1.0			4.2	3.4				
	Z	07.06	46.0	0.5				1.6	1.0								13.03	47.5	0.6		+	3.6	3.0				
04	A	07.29	16.1		0.8			+	4.8	3.3	3.4	3.0			05	A	13.12	46.2	0.8	+		+	5.2	3.6	3.0	3.3	
	H	07.29	17.1	0.9	-			3.4	1.8								13.12	46.4	0.9	-	-	10.2	8.0				
	Z	07.29	17.1	0.5			+	1.9	1.4								13.12	45.6	0.5		+	2.7	4.2				
04	A	09.04	31.8		1.1	+	-	+	4.2	2.9	4.0	3.5			05	A	16.29	45.5	0.9	+	-	+	6.5	3.0	3.7	3.7	
	H	09.04	32.4	1.0		-	-	7.0	11.8								16.29	46.0	0.8			6.0	14.8				
	Z	09.04	32.1	0.7			+	4.7	3.4								16.29	45.3	0.7	-		8.9	7.8				
04	A	11.12	01.7		1.1				12.2	5.1		3.9			05	A	16.30	32.0	0.8			+	1.5	1.8	2.4	3.0	
	H	11.12	02.1	1.0				7.2	14.4								16.30	31.8	0.8			4.6	4.0				
	Z	11.12	02.3	1.0	-		-	3.5	2.2								16.30	31.4	0.5		-	3.7	1.9				
04	A	11.31	12.5		0.7	-		+	2.7	1.8	3.2	3.1			05	A	16.58	14.7	0.9		-	+	2.4	1.5		2.9	
	H	11.31	13.0	1.0				3.8	7.1								16.58	14.9	0.9			2.6	1.7				
	Z	11.31	12.8	0.5			-	4.8	3.0								16.58	14.2	0.5		+	2.6	1.5				
04	A	14.25	33.6		0.8				47.1	11.0	3.5	4.0			05	A	17.04	06.1	1.0	-	-	+	8.0	5.5	5.5	3.4	
	H	14.25	3.9	1.5				3.3	3.0								17.04	06.4	0.8		+	12.8	10.7				
	Z	14.25	34.3	0.9			-	2.2	1.1								17.04	06.7	1.0			0.9	0.9				
04	A	14.57	20.9		0.8				0.7	0.7	1.9	2.5			05	A	17.51	18.9	1.5	-		+	60.0	53.0	4.3	5.1	
	H	14.57	21.3	1.0				2.2	1.1								17.51	18.1	0.8		+						
	Z	14.57	20.8	0.3			+	2.6	1.4								17.51	19.2	1.5	-	-	9.0	14.0				
04	A	15.20	45.2		1.1		+		2.7	4.3	4.5	3.3			05	A	18.35	18.6	1.5	-	-	-	15.4	18.6	5.7	4.1	
	H	15.20	45.1	0.9		+	+	14.0	13.7								18.35	17.9	0.9	+	+	43.4	22.0				
	Z	15.20	45.8	0.8				2.0	2.0								18.35	18.8	1.5		-	1.6	1.4				
04	A	15.43	33.5		0.7		-	+	3.2	4.2	2.0	3.2			05	A	18.44	33.0	1.5	-	-	+	19.3	15.4	7.9	4.4	
	H	15.43	33.9	0.9			-	5.2	5.0								18.44	32.4	1.1	-	+						
	Z	15.43	33.2	0.3		+		3.3	6.1								18.44	33.4	1.6		+	5.0	2.4				
04	A	20.41	41.0		1.1		-		3.8	5.4	7.5	3.3			05	A	18.57	02.4	1.1	-	-	+	4.2	6.4	3.2	3.5	
	H	20.41	41.4	1.1	+	+	+	6.8	13.4								18.57	03.6	0.5	+	+	9.2	12.4				
	Z	20.41	41.8	1.1			+	0.5	0.8								18.57	02.6	1.0		+	1.9	1.2				
04	A	22.11	28.4		0.9	-		-	7.6	3.5	4.0	3.5			05	A	18.59	44.6	1.0		+	+	5.2	3.5	2.9	3.4	
	H	22.11	29.6	1.3			+	5.8	10.4								18.59	45.0	0.9	-	+	10.4	15.6				
	Z	22.11	28.8	0.6			+	2.6	3.3								18.59	44.2	0.6		+	3.2	3.3				
04	A	22.14	48.8		0.8				0.4	0.8	2.5	2.2			05	A	19.02	25.0	1.0	+	-	+	2.9	2.2	3.1	3.6	
	H	22.14	49.5	1.0			-	1.4	0.6								19.02	25.0	1.2			6.9	5.4				
	Z	22.14	48.6	0.4				0.3	0.8								19.02	24.7	0.5		+	12.1	10.0				
05	A	00.26	36.6		0.8			+	12.5	7.0	4.8	3.8			05	A	23.51	31.7	1.2	+	-	+	12.0	10.4	3.7	4.3	
	H	00.26	38.4	1.0	+			6.2	4.7								23.51	31.9	1.2	-	-	28.6	38.9				
	Z	00.26	38.0	0.7		+		5.8	2.7								23.51	31.5	0.7		+	15.4	17.6				
05	A	02.39	24.3		1.0	-		+	2.4			3.3			05	A	23.51	56.7	1.0	+	-	+	3.4	3.5	4.0	3.6	
	H	02.39	24.6	1.0			+	2.7	6.2								23.51	56.6	1.0	-		14.7	13.9				
	Z	02.39	24.2	1.0			+	2.7	4.1								23.51	56.2	0.6			8.5	7.7				
05	A	03.13	34.1		0.7			-	14.0		4.9	3.4			05	A	23.52	46.7	1.0	-	+		2.6	2.8	4.4	3.3	
	H	03.13	35.9	1.0		+	+	5.7	4.6								23.52	46.7	1.0	-	+	15.4	14.5				
	Z	03.13	36.1	1.1			-	0.9	1.0								23.52	46.2	0.7		+	2.6	3.9				
05	A	04.15	39.5		1.0				2.0			3.0			05	A	02.07	12.5	0.6			+	13.8		3.8	3.3	
	H	04.15	39.9	1.1	-		-	7.6	5.5								02.07	13.1	0.8			4.6	6.9				
	Z	04.15	39.4	0.9			+	4.6	2.2								02.07	12.9	0.8		-	1.2	1.0				
05	A	04.38	39.9		0.9				2.7		5.0	3.1			06	A	02.48	48.2	0.8	+		+	4.2		3.4	2.9	
	H	04.38	40.8	1.3			+	3.1	3.6								02.48	48.5	0.9		-	9.6	10.1				
	Z	04.38	40.3	0.7			+	2.2	2.4								02.48	48.0	0.5		-	3.1	2.2				
05	A	05.22	07.5		0.8			-	2.4		2.9	2.9			06	A	04.05	41.2	0.8			+	12.8		4.8	3.5	
	H	05.22	08.6	1.1	+			3.1	1.5								04.05	41.3	0.8		+	9.2	16.3				
	Z	05.22	07.6	0.4			+	3.0	2.1								04.05	41.8	0.9								

Apr. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
06	A H Z	09.01	29.1		0.8		-	+	6.4	4.3	4.6	4.4
		09.01	28.7		0.8				7.5	20.9		
		09.01	29.1		0.8	-		-	2.5	1.2		
06	A H Z	11.12	06.8		0.5			+	3.8	2.8	3.4	2.9
		11.12	06.9		0.5				1.8	1.9		
		11.12	06.4		0.7			+	1.6	1.2		
06	A H Z	11.38	38.5		0.5				24.6		3.4	4.1
		11.38	39.1		1.0	+	+		13.5	12.2		
		11.38	38.5		0.7			-	8.6	14.3		
06	A H Z	21.40	45.8		0.5			+	8.6		3.4	3.4
		21.40	46.7		1.1				2.6	1.8		
		21.40	46.2		0.8				3.4	2.8		
06	A H Z	21.55	28.4		1.0				2.2		0.8	3.2
		21.55	29.0		0.9	+		+	5.0	5.4		
		21.55	28.4		0.5				3.4	2.0		
07	A H Z	00.55	16.8		0.6					1.2	4.0	2.9
		00.55	17.6		0.9				2.9	1.7		
		00.55	16.8		0.7				2.0	2.6		
07	A H Z	01.01	37.0		0.8			-		3.5	3.6	3.4
		01.01	37.7		1.0		+		4.4	8.1		
		01.01	36.8		0.5		+		3.8	3.8		
07	A H Z	02.46	13.7		0.3		-			43.9	2.1	3.8
		02.46	14.1		0.8	+	+		12.6	11.0		
		02.46	14.1		0.8			-	1.9	2.0		
07	A H Z	03.31	09.4		0.6			+		7.7	3.7	3.4
		03.31	09.8		1.0	+	+	+	4.7	4.5		
		03.31	09.7		0.7	-		-	2.9	2.1		
07	A H Z	03.58	38.4		0.7			+	1.0	1.8	3.5	3.0
		03.58	38.7		1.0			+	1.8	3.2		
		03.58	38.0		0.5				1.1	2.8		
07	A H Z	06.49	32.8		0.7	-	-	+	4.9	9.4	4.2	3.7
		06.49	33.4		0.9		+	+	9.2	16.6		
		06.49	34.0		1.0			-	2.2	1.6		
07	A H Z	07.13	27.9					+		3.5		3.1
		07.13	28.0			-	-	-	7.2	3.3		
		07.13	27.4						11.5	11.9		
07	A H Z	08.13	18.6		1.1			+		23.6		3.9
		08.13	18.4		1.0	+	+		19.8	15.8		
		08.13	18.9		1.1	+	+		4.8	2.9		
07	A H Z	08.25	40.0		0.8		-	+		20.8	4.9	4.1
		08.25	40.2		0.9		+	+	9.8	13.3		
		08.25	40.8		1.1	+			5.5	3.8		
07	A H Z	08.38	33.6		0.7			-		10.2	4.5	3.6
		08.38	34.2		0.9				2.6	4.2		
		08.38	33.7		0.7				1.6	4.1		
07	A H Z	10.29	06.1		0.4		-	+		2.7	2.5	3.2
		10.29	05.7		0.9			-	2.6	2.5		
		10.29			0.6				4.5	4.6		
07	A H Z	12.10	42.9		0.8			+	8.3	9.5	5.0	3.7
		12.10	41.8		0.8		+		15.8	5.7		
		12.10	43.4		1.0	-		-	2.5	1.6		
07	A H Z	12.41	54.4		0.6			+		1.7	3.4	3.7
		12.41	53.4		0.7				7.0	9.1		
		12.41	54.7		0.9			-	2.4	0.8		
07	A H Z	14.31	02.4		0.8			+		8.8	5.0	3.7
		14.31	01.4		0.8		+	+	5.8	8.6		
		14.31	02.8		0.9	-			3.2	1.6		
07	A H Z	18.05	21.7		0.8		+			3.3	3.3	3.6
		18.05	20.7		0.9		-	-	11.7	12.6		
		18.05	21.6		0.5	+		+	5.0	3.4		
07	A H Z	18.08			0.8					0.8	1.8	2.6
		18.08	04.8		0.8			-	2.0	2.6		
		18.08	05.5		0.4			-	2.3	0.8		
07	A H Z	18.16	16.1		0.9					1.5	3.2	3.4
		18.16	15.2		0.8			-	9.1	12.0		
		18.16	15.9		0.6			+	4.2	3.4		
07	A H Z	19.26	12.9		0.8		+			1.5	4.2	3.4
		19.26	12.0		0.9	-	-		7.6	10.0		
		19.26	12.5		0.6			+	2.8	4.3		
08	A H Z	00.47	00.2		0.6			+		9.5	3.5	3.8
		00.46	59.9		1.0		+		17.2	1.6		
		00.47	00.4		1.1				2.4	1.6		
08	A H Z	04.10	36.0		0.4			+		9.1	2.5	3.3
		04.10	35.9		1.0			+	6.1	5.3		
		04.10	36.7		0.6			+	3.0	1.0		
08	A H Z	04.26	16.5		0.6			+				
		04.26	16.0		1.0			-				
		04.26	16.9		1.0	-		-				
08	A H Z	05.28	34.8		0.6			-				
		05.28	34.8		0.6							
		05.28	34.6		0.6			+				
08	A H Z	08.08	56.7		0.5		+					
		08.08	56.0		0.8			-				
		08.08	56.6		0.5			-				
08	A H Z	08.41	58.6		0.4		+					
		08.41	58.4		0.8							
		08.41	59.0		0.9	-		-				
08	A H Z	08.58	49.0		0.5		+					
		08.58	48.0		1.0	+						
		08.58	49.2		1.0							
08	A H Z	08.59	52.9		0.9		+					
		08.59	51.9		0.6			-				
		08.59	53.1		0.8			-				
08	A H Z	09.56	52.2		0.5							
		09.56	52.0		0.9			+				
		09.56	51.8		0.4			+				
08	A H Z	10.57	10.9		1.0							
		10.57	10.1		1.0							
		10.57	10.4		0.5			+				
08	A H Z	12.22	07.5		0.9							
		12.22	07.8		0.9			-				
		12.22	07.2		0.4							
08	A H Z	12.52	41.8		0.9		+					
		12.52	42.0		0.9							
		12.52	41.3		0.5	-		+				
08	A H Z	14.01	57.9		0.6							
		14.01	58.0		0.8			-				
		14.02	01.9		0.3							
08	A H Z	14.28	42.1		0.6		-	-				
		14.28	42.5		1.2			-				
		14.28	41.5		0.5			+				
08	A H Z	15.06	26.1		0.5	+	+	+				
		15.06	26.1		1.0		+	+				
		15.06	26.3		0.7			-				
09	A H Z	02.08	25.9		0.7			+				
		02.08	26.1		1.1		+	+				
		02.08	25.4		0.7			+				
09	A H Z	02.14	57.8		1.1		-	+				
		02.14	57.6		0.9							
		02.14	56.9		0.7			+				
09	A H Z	02.17	04.9		0.7			+				
		02.17	05.5		0.5							
		02.17	04.3		0.6			+				
09	A H Z	02.19	16.6		1.0		-					
		02.19	16.5		0.9							
		02.19	15.9		0.5			+				
09	A H Z	02.59	55.7		0.7		-	+				
		02.59	55.9		0.9							
		02.59	55.2		0.3			+				
09	A H Z	03.50	25.3		1.0							
		03.50	25.5		1.2							
		03.50	25.2		0.5							
09	A H Z	03.50	36.1		0.9			+				
		03.50	36.2		1.0	-		-				
		03.50	35.5		0.5			+				
09	A H Z	04.35	16.2		0.6		+	+				
		04.35	16.3		1.1		-	-		</		

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

41

Apr. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude		Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S						E	N	U		E-W	N-S					
09	A	11.24	28.3		0.7				4.8	6.8				10	A	22.59	04.3	0.8	-		+	8.6	5.8	4.6	3.7	
	H	11.24	29.1	0.6				11.1	11.6				H		22.59	03.9	0.9		+	+	11.4	7.3				
	Z	11.24	28.3	0.4				9.6	20.3				Z		22.59	04.2	1.2			+	2.0	2.0				
09	A	11.28	48.4		0.5	-		+	3.2	8.0				10	A	23.14	17.0	0.9	-		+	8.3	9.6	6.2	3.7	
	H	11.28	48.5	0.6	-		-	8.0	8.8				H		23.14	16.9	1.0		-	+	6.3	9.2				
	Z	11.28	48.1	0.4				12.2	10.2				Z		23.14	17.0	1.0	+		+	1.0	1.6				
09	A	12.35	02.5		1.1					1.6				10	A	23.15	24.5	0.8	+			7.2	8.0	5.0	3.7	
	H	12.35	02.4	1.0				3.8	6.1	6.5	3.3		H		23.15	24.3	0.9		+	+	17.0	21.7				
	Z	12.35	02.4	1.0				2.5	2.4				Z		23.15	24.6	1.0			-	1.2	1.0				
09	A	13.24	45.9		0.6	-		+	1.0	2.2				11	A	01.23	52.4	0.7	-			18.9	8.9	2.5	3.8	
	H	13.24	45.9	0.8				2.4	2.0	2.3	3.0		H		01.23	52.1	0.8		+	+	7.2	10.7				
	Z	13.24	45.3	0.4			+	5.8	4.4				Z		01.23	52.5	1.2			+	2.4	1.2				
09	A	17.19	30.4		0.7	-		+	3.3	2.6				11	A	02.59	37.3	0.8			-	17.3	15.9	4.4	4.5	
	H	17.19	30.3	0.7			+	7.6	5.2		3.0		H		02.59	37.5	1.3			+	20.6					
	Z	17.19	29.4	0.5				16.3	12.6				Z		02.59	36.5	0.6				15.4	19.9				
09	A	17.32	15.2		0.8			+	1.9	2.1				11	A	03.00	44.6	0.6	-			9.0	4.0	4.1	3.8	
	H	17.32	15.4	0.9			+	3.8	7.4	3.3	3.3		H		03.00	44.6	0.8			+		18.9				
	Z	17.32	14.9	0.5			+	3.6	2.1				Z		03.00	44.7	0.9			-	3.3	2.5				
09	A	19.14	34.9		0.7			+	0.6	0.7				11	A	04.57	26.9	0.7			-	20.0	35.0	3.4	4.5	
	H	19.14	34.9	0.9			-	2.5	1.7	1.4	2.5		H		04.57	27.3	0.9				42.0	39.0				
	Z	19.14	34.0	0.3			+	3.0	0.9				Z		04.57	26.4	0.5	+	+	+	24.0	28.0				
09	A	20.23	45.6		0.9	-	-	+	2.5	4.8				11	A	05.30	16.5	0.5				5.2	5.9	2.6	3.2	
	H	20.23	45.5	0.9			-	7.8	9.0	5.5	3.5		H		05.30	17.4	0.9				6.3	8.8				
	Z	20.23	45.8	1.0			+	1.6	1.0				Z		05.30	16.6	0.5			-	1.6	1.0				
09	A	21.46	04.3		0.8			+	6.2	8.1				11	A	05.45	08.4	0.6					0.4	1.9	2.2	
	H	21.46	04.4	1.0				8.4	5.8	5.5	3.7		H		05.45	08.6	0.9				1.2	0.8				
	Z	21.46	04.7	1.1			+	1.9	0.6				Z		05.45	07.9	0.3			-	3.0	1.4				
09	A	23.15	59.6		0.5	-		+	26.6	45.6	3.3	4.1		11	A	05.53	37.1	0.8				0.5	0.9	3.8	2.9	
	H	23.16	00.1	0.7								H	05.53		37.1	0.9			-	4.8	4.0					
	Z	23.16	00.2	0.9	-		-	4.0	2.2				Z		05.53	36.4	0.5			+	2.0	1.8				
10	A	02.49	13.4		0.7			-	1.5	1.4				11	A	04.58	31.1	0.8	+	-	+	26.5	22.0	1.5	4.5	
	H	02.49	13.7	0.9			-	5.0	3.5	3.0	3.0		H		04.58	30.7	0.7	-	-	-	31.0	25.0				
	Z	02.49	13.1	0.5			+	2.0	4.0				Z		04.58	30.0	0.5	+	+	+	30.0	23.0				
10	A	03.06	00.7		0.8				1.0	0.8				11	A	06.06	16.1	0.6	+	-	+	24.0	24.0	3.0	4.5	
	H	03.06	00.7	0.8				7.6	5.3	3.1	2.9		H		06.06	16.5	0.8	-	-	-	33.0	35.0				
	Z	03.06	00.1	0.5			+	3.1	2.0				Z		06.06	15.6	0.5	+	+	+	33.0	36.0				
10	A	06.02	27.7		0.5			+	14.4	8.2				11	A	06.06	31.5	0.5	-		+	3.6	5.0	1.2	3.2	
	H	06.02	28.5	1.2			+	3.0	6.0	2.9	3.8		H		06.06	32.1	0.8			-	3.8	4.1				
	Z	06.02	27.9	0.7	-	+	-	7.7	6.1				Z		06.06	31.3	0.4	-		-	6.0	6.1				
10	A	06.54	55.6		0.7	-		+	9.6	3.7				11	A	06.08	18.0	0.6				0.4	1.6	2.9	3.2	
	H	06.54	55.3	0.8			-	10.3	19.3	4.4	3.9		H		06.08	18.6	0.8		-	+	5.8	4.0				
	Z	06.54	55.6	0.9			-	3.4	1.8				Z		06.08	17.7	0.5			+	3.4	1.8				
10	A	09.28	21.2		0.8				1.2	1.5				11	A	08.02	17.2	0.5				0.7	0.8	1.3	2.5	
	H	09.28	21.3	1.1				1.6	3.4	4.8	3.1		H		08.02	17.3	0.8				2.7	1.7				
	Z	09.28	20.5	0.7			+	1.6	1.6				Z		08.02	16.5	0.3				3.6	1.8				
10	A	11.45	48.1		0.9			+	3.8	5.6				11	A	08.53	22.3	0.5				9.8	6.8		3.3	
	H	11.45	48.1	0.9				10.6	13.8	5.1	3.7		H		08.53	22.6	0.9			-	7.0	4.2				
	Z	11.45	48.0	0.8				2.8	2.0				Z		08.53	21.6	0.7			+	8.1	11.8				
10	A	12.08	39.6		0.4			+	27.2	15.5				11	A	14.50	26.9	0.7	-		+	18.8	13.6	5.7	4.3	
	H	12.08	40.5	1.1				4.6	4.5	2.6	3.7		H		14.50	26.8	1.0		-		14.4	16.4				
	Z	12.08	39.8	0.9			-	5.6	4.9				Z		14.50	27.2	0.9			-	10.0	7.6				
10	A	14.01	41.7		0.9	-	-	+	6.0	8.5				11	A	16.01	12.2	0.8				2.2	1.9	2.5	3.2	
	H	14.01		0.8				4.8	12.4	5.2	3.7		H		16.01	12.4	1.1			-	3.2	2.0				
	Z	14.01	42.2	1.0			-	3.0	2.0				Z		16.01	11.5	0.4			+	4.5	3.8				
10	A	15.01	42.5		0.8			+	1.6	2.6				11	A	17.20	31.5	1.0				3.9	7.0	6.4	3.7	
	H	15.01	42.5	0.7			-	5.8	6.1	3.0	3.1		H		17.20	32.2	1.4		+	+	7.8	5.0				
	Z	15.01	42.0	0.6			-	1.9	1.6				Z		17.20	31.8	0.9	+	-	+	2.5	1.7				
10	A	15.46	58.6		0.9	-		+	16.3	9.0				11	A	18.28	57.0	0.8	-		+	8.1	8.9	4.6	3.6	
	H	15.46	57.9	0.8	+		-	6.4	13.9	4.6	3.8		H		18.28	57.3	0.7			+	5.4	11.7				
	Z	15.46	58.5	1.0			-	2.9	1.3				Z		18.28	57.7	0.9			-	1.6	0.8				
10	A	16.12	03.9		0.4	-		+	17.6	10.9				11	A	20.39	54.6	0.8	-	-	+	8.0	5.4	1.7	3.2	
	H	16.12	04.7	0.9	+			9.3	9.2	2.7	3.5		H		20.39	54.7	0.4			-	15.8	13.2				
	Z	16.12	04.2	0.6			+	2.2	2.7				Z		20.39	54.5	0.8			-	0.8	0.6				
10	A	18.19	48.3		0.7	-		+	21.9	14.7				12	A	00.45	14.5	0.9		-	+	15.0	7.8	5.1	3.8	
	H	18.19	47.9	0.7								H	00.454													

Apr. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
12	A	14.05	58.7		0.5	-	+	+	9.8	6.6		
	H	14.05	58.8		0.9				9.0	18.1	3.6	3.7
	Z	14.05	58.8		0.9				1.6	1.0		
12	A	14.16	58.0		0.9	-	+	+		16.9		
	H	14.16	57.5		1.0				15.0	9.0	6.0	4.0
	Z	14.16	58.3		1.1				2.0	1.8		
12	A	17.50	59.2		1.0			+		14.4		
	H	17.50	58.8		0.9			+	5.7	14.7	6.3	3.9
	Z	17.50	59.4		1.1			+	1.3	1.0		
12	A	19.53	49.9		0.5	-	+	+	72.1	41.9		
	H	19.53	49.6		1.0			+	14.7	28.3	3.0	4.3
	Z	19.53	50.0		0.9			-	4.8	6.0		
12	A	20.24	02.7		0.6	-	+	+	9.1	11.7		
	H	20.24	02.3		0.9			+	8.6	15.0	3.4	3.7
	Z	20.24	02.6		1.0			-	1.1	2.0		
12	A	20.55	00.4		1.3			+	1.7	2.7		
	H	20.55	00.6		1.0			+	1.6	2.3	6.8	3.3
	Z	20.55	00.1		1.2				2.7	1.8		
12	A	23.15	33.8			-	-	+	10.6	13.8		
	H	23.15	33.5		1.0			+	7.0	9.1		3.5
	Z	23.15	33.8		1.1			+	2.8	2.6		
12	A	23.59	58.4		0.7		+	+	8.3	4.8		
	H	23.59	58.7		1.0				5.4	7.2	3.3	4.2
	Z	23.59	58.0		0.5			+	8.0	5.0		
13	A	00.00	19.3		0.7				2.6	2.0		
	H	00.00	19.2		1.1	-		-	2.0	2.4	2.9	2.8
	Z	00.00	18.5		0.5				1.4	2.4		
13	A	01.13	03.7		0.5				4.3	4.2		
	H	01.13	03.5		1.0	-		-	4.2	4.0	2.8	3.4
	Z	01.13	04.3		0.5				7.7	10.3		
13	A	01.15	37.2		0.6				1.0	0.8		
	H	01.15	37.0		1.1				4.0	4.2	2.0	14
	Z	01.15							1.5	0.8		
13	A	01.32	26.7		0.7			+	4.3	3.5		
	H	01.32	26.3		1.1	-		+	16.6	9.4	3.3	3.9
	Z	01.32			0.6	-			4.3	5.1		
13	A	01.33	27.4		0.5				0.8	0.7		
	H	01.33	28.1		0.6				4.4	4.1	2.5	2.6
	Z	01.33	27.2		0.6				1.8	1.5		
13	A	01.35	26.5		0.5		-		2.0	5.6		
	H	01.35	25.4		0.5			+	4.4	6.7	3.1	14
	Z	01.35			1.0				1.6	1.0		
13	A	04.50	58.3		0.5				1.6	1.1		
	H	04.50	57.9		1.0			-	7.7	6.4	2.5	3.2
	Z	04.50	57.5		0.5				5.0	3.0		
13	A	05.37	03.3		0.7	-		+	3.2	3.1		
	H	05.37	13.1		0.8	-	+	-	9.4	9.4	3.3	3.4
	Z	05.37	02.6		0.5			+	5.6	3.3		
13	A	09.00	26.1		0.6		-	+	9.8	15.6		
	H	09.00	25.7		0.8			-	12.0	13.9	4.1	3.6
	Z	09.00	26.0		0.9			+	1.0	0.8		
13	A	11.15	05.4		0.7			-	0.8	0.6		
	H	11.15	05.2		0.8			-	3.2	3.2	3.3	2.3
	Z	11.15	04.8		0.6				1.0	0.8		
13	A	11.33	36.7		0.5	-	-	+	10.6	6.1		
	H	11.33	37.0		0.9				2.2	4.4	3.1	3.1
	Z	11.33	36.9		0.8				1.0	0.6		
13	A	12.19	52.6		0.7	+	-	+	14.9	11.8		
	H	12.19	52.8		0.9			-	4.3	5.6	4.5	3.3
	Z	12.19	52.8		0.9			-	0.8	0.4		
13	A	13.34	49.5		1.0	-	-	+	13.1	21.5		
	H	13.34	48.1		0.7				10.2	17.5	4.9	3.8
	Z	13.34	49.7		1.0			+	1.3	1.4		
13	A	13.35	22.7		0.6	-	+	+	25.1	10.2		
	H	13.35			0.9				8.4	3.8	4.2	3.6
	Z	13.35	22.6		0.8	-	+		1.4	1.3		
13	A	13.40	08.9		0.7	-	+	+	11.1	8.4		
	H	13.40	09.3		0.8				2.0	2.0	4.4	3.2
	Z	13.40	09.2		0.8				0.8	0.5		
13	A	13.40	52.6		0.9		-	+	4.8	7.6		
	H	13.40	52.4		0.7				3.1	9.1	4.4	2.9
	Z	13.40	52.7		0.9				0.3	0.2		
13	A	13.44	10.6		0.7	-	+	+	45.1	39.8		
	H	13.44	10.8		0.9			-	13.4	12.3	5.0	4.3
	Z	13.44	10.9		0.9	-	+	-	8.4	6.5		
13	A	14.42	22.1		1.0		-	+				
	H	14.42	21.4		0.8			+	7.2	8.4		
	Z	14.42	22.3		1.1				1.3	1.0	5.7	3.5
13	A	15.48	08.7		0.9	-	+		3.3	3.2		
	H	15.48	08.9		0.8				5.4	7.8	3.2	2.8
	Z	15.48	08.8		0.6				0.4	0.8		
13	A	15.51	42.5		1.1	-	-	+	3.6	5.8		
	H	15.51	41.8		0.9			+	3.3		6.0	3.3
	Z	15.51	43.1		1.1			+	1.0	0.8		
13	A	16.31	43.2		1.0	+	-	+	4.8	11.5		
	H	16.31	42.8		0.8						5.2	3.5
	Z	16.31	43.3		0.9			+	1.0	1.0		
13	A	17.25	28.0		1.0	+	-	-	3.2	3.1		
	H	17.25	28.5		1.4				2.3	2.5	5.8	3.0
	Z	17.25	27.9		0.8			+	1.1	2.0		
13	A	17.31	28.1		0.8		-	+	2.0	2.6		
	H	17.31	28.7		1.2						3.5	2.8
	Z	17.31	27.6		0.5			-	1.2	1.5		
13	A	18.01	43.5		1.1	+	+	+	8.4	5.0		
	H	18.01	43.7		1.4				5.4	5.2	7.1	3.8
	Z	18.01	43.3		1.0			+	3.9	2.6		
13	A	18.38	36.7		1.3	+	-	+	11.0	16.7		
	H	18.38	36.4		0.7			-	11.0	16.2		4.2
	Z	18.38	35.5		0.8			+	6.1	6.3		
13	A	21.51	13.4		1.0	+	-	+	10.4	9.0		
	H	21.51	13.5		1.0				2.0	2.6	6.4	3.3
	Z	21.51	13.7		1.1				0.6	0.4		
13	A	23.46	25.4		0.9	+	+	+	15.7	11.3		
	H	23.46	25.8		1.0			-	9.0	14.0	6.1	3.8
	Z	23.46	25.6		1.1			-	1.8	1.0		
14	A	00.58	27.1		0.9				0.9	1.2		
	H	00.58	26.7		0.8				2.2	3.1	5.5	2.6
	Z	00.58			1.1				0.3	0.4		
14	A	02.02	52.7		1.1	-	-	+	7.1	7.7		
	H	02.02	53.0		0.8				8.0	10.7	5.7	3.4
	Z	02.02	52.5		1.0	+		+	1.0	1.0		
14	A	02.12	43.5		1.1	-	-	+	3.7	5.4		
	H	02.12	43.0		0.8	+		+	7.4	11.1	5.1	3.6
	Z	02.12	43.4		1.0	+	-	+	3.5	1.4		
14	A	02.24	04.5		1.1	-	-	+	3.2	4.2		
	H	02.24	04.1		1.1			+	5.4	5.2	6.5	3.3
	Z	02.24	04.3		1.0	+		+	1.6	1.0		
14	A	03.32	51.7		0.6	+		+	33.8	21.9		
	H	03.32	52.4		1.0			+	5.4	8.2	3.6	3.7
	Z	03.32	52.0		0.6			+	1.8	2.4		
14	A	04.40	07.2		0.6	+	+	+	2.2	2.2		
	H	04.40	07.3		1.3				2.4	1.2		2.3
	Z	04.40	07.5		0.5			-	0.5	0.8		
14	A	05.00	12.2		0.8				0.5	0.7		
	H	05.00	12.4		1.0				0.4	0.3	2.0	2.2
	Z	05.00	11.2		0.3			+	1.2	0.4		
14	A	05.01	25.4		0.7	+	+	+	16.2	15.2		
	H	05.01	25.6		0.9			-	5.0	4.6	4.8	3.4
	Z	05.01	25.8		1.0				0.4	0.7		
14	A	05.08	10.0		0.8	+			20.4	29.6		
	H	05.08	10.6		1.1				10.4	13.2	3.0	3.8
	Z	05.08	09.6		0.4				4.4	3.8		
14	A	07.27	54.5		0.8	+	+	-	7.0	5.2		
	H	07.27			1.2			-	4.4	9.4	3.6	3.4
	Z	07.27	53.9		0.5			+	3.8	4.4		
14	A	09.09	09.0		1.1	+	+	+	59.0	37.0		
	H	09.09	09.5		1.6				17.0	16.0	6.2	4.1
	Z	09.09	08.9		1.0			+	13.5	26.5		
14												

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

43

Apr. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude		Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude		
		h	m	s		E	N	U	E-W	N-S						E	N	U		E-W	N-S							
14	A H Z	14.51	08.2		1.1		-	+			3.6			15	A H Z	14.05	30.4		0.9		-			0.5	1.0			
		14.51	07.8		0.8					3.2	5.8	5.3	3.0					14.05	30.3		0.8							2.4
		14.51	08.3		1.0						0.6							14.05	30.1		0.5				1.2	0.4		
14	A H Z	15.31	40.1		1.0						0.5			15	A H Z	14.05	44.3		0.9		-			0.7	1.1			
		15.31	40.2		0.9			-		2.4	3.0	4.3	2.5					14.05	44.5		1.0			0.4	0.4			
		15.31	39.4		0.7					1.2	1.3						14.05	43.4		0.5			+	3.4	4.2			
14	A H Z	15.38	31.2		1.3						1.1			15	A H Z	14.30	09.6		0.9		-	-	+	15.4	21.5			
		15.38	31.0		1.1			-		2.8	6.4		2.9					14.30	09.6		0.8		+	12.5	10.2	5.1	3.8	
		15.38	30.6		0.7					0.4	0.6						14.30	09.7		0.9		+	2.0	1.2				
14	A H Z	16.12				-	+				1.2			15	A H Z	15.37	05.1		1.3	+	-	+		6.9	18.4			
		16.12	50.4		0.9			+		5.8	8.6		3.0					15.37	04.6		1.0	+	+	8.2	13.2	6.2	3.8	
		16.12	49.4		0.5			+		3.5	3.4						15.37	05.0		1.1		+	+	1.4	1.0			
14	A H Z	17.05	51.4		0.8		+	+			10.5			15	A H Z	16.02	50.9		0.7	-	+	-		8.3	6.7			
		17.05	52.1		0.9					1.0	2.0	5.4	3.4					16.02	50.7		0.7	+	+	5.4	11.4	4.1	3.1	
		17.05	51.7		1.0					1.3	0.6						16.02			0.9				0.6	0.5			
14	A H Z	17.25	59.5		0.8	+	-	-			9.1			15	A H Z	17.49	59.6		0.9	-	-	+		7.8	5.8			
		17.25	59.9		0.9	-		+		6.4	13.2	4.2	3.7					17.49	59.6		0.5			6.4	6.6	3.6	3.3	
		17.25	59.5		0.6			-		7.4	3.6						17.50	00.0		1.0		-		0.8	0.4			
14	A H Z	18.12	41.2		1.1		-	+			2.0			15	A H Z	19.13	29.3		0.7			+		4.1	3.1			
		18.12	40.9		0.8			+		5.8	4.8	4.4	3.3					19.13	29.5		0.8			5.0	5.2	2.5	2.8	
		18.12	41.0		0.9					1.7	0.8						19.13	28.8		0.4		-		3.8	2.4			
14	A H Z	18.26	09.7		0.8		+	+			1.0			15	A H Z	21.22	08.3		1.0	-	-	+		2.4	7.4			
		18.26	10.0		1.2					0.8	0.4	3.6	2.5					21.22	08.1		0.7		-		6.4	6.0	1.5	3.3
		18.26	09.4		0.5					0.8	1.2						21.22			0.6				1.6	0.8			
14	A H Z	18.50	52.5		0.7		+	-			5.2			15	A H Z	21.27	43.5		0.5		-	+		8.7	5.0			
		18.50	52.8		0.7					3.1	2.8	2.6	2.8					21.27	44.1		0.9			5.8	8.4	2.8	3.1	
		18.50	52.3		0.5					0.8	0.6						21.27	43.7		1.0				1.2	2.2			
14	A H Z	19.26	45.3		0.6	-	-	-			18.2			15	A H Z	22.23	16.2		1.0	-		+		4.9	4.2			
		19.26	46.4		0.9					2.6	4.1	4.1	3.4					22.23	15.8		0.7		-		6.6	12.2	3.6	3.2
		19.26	45.4		0.7					0.9	1.4						22.23	15.3		0.8				1.4	1.0			
14	A H Z	19.41	33.6		0.7		+	+			11.2			16	A H Z	00.34	31.9		0.9		+	-		0.8	2.0			
		19.41	34.0		0.9			+		3.6	2.9	4.6	3.1					00.34	32.5		1.2			2.4	2.2	4.4	2.6	
		19.41	33.7		0.8					0.4	0.4						00.34	31.0		0.6				0.4	0.8			
14	A H Z	20.06	19.0		0.9	+	-	+			15.6			16	A H Z	01.31	17.1		0.9	+	+	+		0.9	3.3			
		20.06	18.6		0.8			+		11.2	10.6	5.1	3.6					01.31	16.7		0.7		-		8.0	10.4	3.4	3.1
		20.06	19.2		0.9					1.2	1.4						01.31			0.7				2.6	1.0			
15	A H Z	01.01	30.7		0.8		-	+			1.6			16	A H Z	02.07	04.5		0.8	+	-	+		1.7	1.5			
		01.01	29.3		0.9					4.8	6.2	5.2	2.6					02.07	05.1		1.0			1.0	0.8	4.7	2.8	
		01.01	30.5		0.8					0.6	0.4						02.07	05.3		0.9				0.8	1.6			
15	A H Z	01.02	42.0		1.0	+	-	+			2.4			16	A H Z	02.41	05.3		0.6	+		+		4.4	6.0			
		01.02	42.0		0.9			-		11.9	5.8	2.8	3.4					02.41	05.3		0.7		-		5.4	10.4	3.2	3.2
		01.02	41.4		0.6			+		6.2	5.2						02.41	05.3		0.9				1.8	0.8			
15	A H Z	01.51	51.5		1.0	-	-	-			0.7			16	A H Z	05.24	03.7		1.0			+		3.2	5.1			
		01.51			0.8			+		3.0	1.4	3.8	2.4					05.24	03.5		0.9	+	+	3.2	4.0	3.8	3.3	
		01.51	51.1		0.7					0.6	0.5						05.24			0.7				2.0	1.6			
15	A H Z	02.29	26.6		1.0	+	+	+			6.0			16	A H Z	07.56	44.5		1.1	-	-	+		12.4	7.9			
		02.29	25.8		1.0					10.2	17.4	6.0	3.1					07.56	44.0		0.8			9.8	8.4	5.7	3.9	
		02.29	26.6		0.9			+		0.4	0.5						07.56			1.1		+		1.6	2.2			
15	A H Z	03.50	48.6		0.9		-				1.0			16	A H Z	07.58	33.2		1.1	+	-	+		9.6	9.6			
		03.50	48.9		0.9					2.2	1.7	2.7	2.5					07.58	31.9		0.8		+		6.3	7.3	4.2	3.5
		03.50	48.1		0.5			-		1.4	1.0						07.58	33.0		0.8				1.5	1.0			
15	A H Z	05.42	10.0		1.2	+	-	+			3.0			16	A H Z	08.27	54.2		0.8	-	-	+		10.0	5.2			
		05.42	09.3		0.8					5.0	4.8	5.7	3.4					08.27	54.7		1.2			2.2	4.0	5.9	3.6	
		05.42	10.1		1.2					0.8	0.4						08.27	54.5		1.0				2.2	2.0			
15	A H Z	06.05	12.6		1.4	-	-	-			1.4			16	A H Z	09.07	30.6		1.1			+		50.0	28.0			
		06.05	13.3		1.8			-		2.4	3.2	3.9	3.2					09.07	31.1		1.4		+	+	17.0	22.0	4.8	4.9
		06.05	12.2		1.0			-		1.6	1.2						09.07	30.2		0.7	-	-	-	11.5	43.0			
15	A H Z	07.52	45.9		1.4		-	-			1.8			16	A H Z	09.36	26.8		1.1	-	-			0.7	2.2			
		07.52	46.1		0.8					3.2	7.6	2.9	3.1					09.36	26.6		1.1			2.2	3.0	0.8	2.6	
		07.52	45.3		1.2					1.0	0.8						09.36			0.5				0.4	0.8			
15																												

Apr. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude	
		h	m	s		E	N	U	E-W	N-S			
16	A	15.56	42.4		0.9		+	+		2.1			
	H	15.56	42.2		0.7		+		3.2	4.8	4.1	2.8	
	Z	15.56	42.2		0.8				0.8	0.6			
16	A	15.57	36.2		0.9		-	+		2.0			
	H	15.57	36.1		0.6				2.0	3.9	3.0	2.8	
	Z	15.57	36.3		0.7				1.0	0.8			
16	A	16.00	51.7		0.7		-	+		2.5			
	H	16.00	52.2		0.8				1.6	2.2	3.2	2.8	
	Z	16.00	51.8		0.6				1.2	1.4			
16	A	16.33	10.7		0.9		-	+		9.8			
	H	16.33	10.6		0.8				6.2	10.5	5.0	3.5	
	Z	16.33	10.8		0.9				1.2	1.6			
16	A	16.53			0.7		+	-		1.5			
	H	16.53	01.4		1.0				1.0	1.0	4.4	2.3	
	Z	16.53	01.5		0.7				0.2	0.4			
16	A	17.16	54.8					+		0.9			
	H	17.16	55.9		1.0				5.2	9.0	2.2		
	Z	17.16	54.6						0.2	0.8			
16	A	17.31	48.2		0.7		-	-		1.3			
	H	17.31	48.6		0.9				2.8	6.2	2.7	2.5	
	Z	17.31			0.4				1.0	1.4			
16	A	18.49	16.3		0.9		-	+		44.4			
	H	18.49	17.2		0.8				23.0	21.5	5.0	4.4	
	Z	18.49	16.7		0.9				6.2	4.0			
16	A	19.23	38.9		0.7		-	+		4.8			
	H	19.23	39.1		0.7				3.8	5.4	4.1	3.0	
	Z	19.23	39.4		0.9				0.8	0.4			
16	A	19.45	05.6		0.7					1.0			
	H	19.45	06.3		1.0				1.8	1.6	2.6	2.5	
	Z	19.45	05.3		0.4				2.0	1.3			
16	A	20.11	00.0		0.5		+	+		7.4			
	H	20.11	01.0		1.2				3.8	3.4	2.9	3.2	
	Z	20.11	00.5		0.7				2.1	1.0			
16	A	20.33	21.6		0.9		-	+		3.2			
	H	20.33	21.4		0.6				4.4	4.4	3.8	3.6	
	Z	20.33	21.5		0.9				1.0	0.6			
16	A	20.33	54.4		0.9		-	+		3.6			
	H	20.33	54.2		0.7				6.5	12.2	4.1	3.1	
	Z	20.33	54.5		0.8				1.4	0.8			
16	A	21.55	09.7		0.8		-	+		0.6			
	H	21.55	09.8		0.9				1.6	1.0	2.5	2.6	
	Z	21.55	09.4		0.4				4.2	3.6			
16	A	22.20	32.1		1.0		-	-		6.6	12.5		
	H	22.20	32.1		0.9				19.2	26.2	5.4	4.0	
	Z	22.20	32.4		0.9				7.2	7.6			
16	A	22.38	26.4		1.0		-	-		1.0	1.6		
	H	22.38	26.8		0.9				10.0	10.8	3.6	3.1	
	Z	22.38	26.3		0.6				4.4	4.0			
16	A	23.15	35.4		0.8		-	+		4.6	3.8		
	H	23.15	35.8		1.0					10.0	2.4	3.2	
	Z	23.15	35.1		0.4				5.3	5.2			
16	A	23.43	50.6		0.7		+	-		5.1	2.8		
	H	23.43	51.0		0.9				2.0	1.0	4.8	2.7	
	Z	23.43	50.9		0.9				0.2	0.3			
17	A	01.07	36.4		0.6		+	+		10.7	8.6		
	H	01.07	37.7		1.1				1.6	1.8	3.8	3.0	
	Z	01.07	37.1		0.7				0.6	0.4			
17	A	01.36	01.6		1.0				0.4	1.0			
	H	01.36	01.7		1.1				2.8	2.6	4.4	2.3	
	Z	01.36	01.8		0.6				0.2	0.8			
17	A	01.44	42.9		1.0			+		2.1	4.6		
	H	01.44	42.8		0.6				5.9	8.0	3.3	3.0	
	Z	01.44	43.2		0.9				0.7	0.4			
17	A	02.21	11.5		1.2		-	-		6.9	6.8		
	H	02.21	11.4		1.2				14.8	11.3	6.1	3.9	
	Z	02.21	11.2		0.9				3.9	6.8			
17	A	02.26	35.8		0.7			+		0.9	1.3		
	H	02.26	36.2		0.9					1.4	1.9	2.6	
	Z	02.26	35.5		0.4				3.0	1.4			
17	A	03.49	30.6		1.0			+		1.8	2.3		
	H	03.49	30.6		1.0				10.1	11.6	3.5	3.5	
	Z	03.49	30.6		0.6				1.3	1.8			
17	A	03.52	31.6		1.0		+	+		2.5	1.5		
	H	03.52	31.4		0.7				0.8	1.0	4.1	3.0	
	Z	03.52	31.6		0.9				0.6	1.0			
17	A	06.16	19.1		0.9			-		9.4	8.2		
	H	06.16	18.6		0.8				6.4	10.2	4.6	3.3	
	Z	06.16			0.8					1.8			
17	A	06.31	37.6		0.6		-	+		6.2	10.2		
	H	06.31	38.4		1.0				1.9	2.2	4.0	3.0	
	Z	06.31	38.1		0.8				0.6	0.4			
17	A	06.41	14.0		0.7			+		64.0	39.0		
	H	06.41	13.4		0.7		+	+	10.6	10.6	4.1	3.6	
	Z	06.41	14.5		0.8				1.2	1.2			
17	A	06.46	31.5		1.2		-	+		8.0	10.2		
	H	06.46	31.3		0.9				7.6	11.0	6.5	3.5	
	Z	06.46	31.7		1.2				0.8	0.6			
17	A	07.58	33.9		0.8			-		7.1	10.9		
	H	07.58	34.2		1.0		-	-		7.2	8.2	2.0	3.5
	Z	07.58	33.6		0.3				5.5	6.4			
17	A	08.38	39.1		0.8			+		1.0	1.4		
	H	08.38	40.4		1.0				2.0	1.0	2.0	1.9	
	Z	08.38	39.6		0.3			+	3.9	3.4			
17	A	08.50	36.1		0.8		-	+		1.8	1.2		
	H	08.50	36.3		0.9				2.2	1.4	1.3	2.8	
	Z	08.50	35.7		0.3				4.0	5.0			
17	A	09.04	32.2		0.5			+		1.8	1.0		
	H	09.04	32.9		0.9				1.8	1.2	2.2	2.6	
	Z	09.04	33.1		0.4				2.4	1.6			
17	A	09.05	45.3		1.2		+	-		2.7	4.8		
	H	09.05	45.1		0.9				8.4	9.5	6.5	3.3	
	Z	09.05	45.5		1.1				1.1	0.6			
17	A	09.53	08.6		0.7			-		1.7	1.6		
	H	09.53	09.4		0.7				1.2	1.8	3.2	2.7	
	Z	09.53	08.7		0.6				1.0	0.8			
17	A	09.57	53.3		0.7		+	-		3.6	4.4		
	H	09.57	53.3		0.7				4.6	5.2	3.3		
	Z	09.57	53.4		0.9				7.5	6.7			
17	A	09.58	29.8		0.9			-		5.2	7.4		
	H	09.58	29.6		1.0				20.4	15.2	6.2	3.5	
	Z	09.58	30.1		1.0				1.8	1.8			
17	A	10.21	37.1		1.2		-	-		S-0	40.0		
	H	10.21	37.3		0.8						5.5	5.0	
	Z	10.21	37.3		1.1								
17	A	10.22	12.8		0.8		-	-		26.0	47.0		
	H	10.22	12.9		0.9				S-0	33.0	5.6	4.7	
	Z	10.22	13.0		1.0				14.0	16.0			
17	A	12.05	35.3		0.8			-		0.4	0.8		
	H	12.05	35.7		0.8				1.4	2.3	1.9	2.2	
	Z	12.05	35.4		0.4				0.8	0.7			
17	A	12.20	13.5		0.7		+	-		4.5	2.0		
	H	12.20	14.5		0.8				1.0	1.6	4.4	2.8	
	Z	12.20	14.0		0.8				0.4	0.4			
17	A	12.47	29.6		1.0					0.2	0.2		
	H	12.47	29.9		0.9				1.8	1.0	3.0	2.3	
	Z	12.47	28.9		0.6			+	2.4	0.8			
17	A	12.56	03.4		0.7			-		2.2	2.3		
	H	12.56	03.8		0.8				4.5	3.6	2.4	3.1	
	Z	12.56	03.4		0.5		-		4.9	5.0			
17	A	14.07	40.9		0.7			+		0.4	1.8		
	H	14.07	41.7		0.9				2.0	2.6	4.1	2.5	
	Z	14.07	41.3		0.7				0.4	0.7			
17	A	15.24	26.1		0.8			+		3.1	1.1		
	H	15.24	26.8		1.0				2.0	1.0	4.9	3.1	
	Z	15.24	26.5		0.8				2.4	1.2			
17	A	15.46	56.6		0.8		+			21.0	20.5		
	H	15.46	56.5		1.1		-	-		21.0	20.0	3.0	4.4
	Z	15.46	55.8		0.4		+	+		27.0	36.0		
17	A	15.50	21.6		0.9					0.7			
	H	15.50	21.5		0.8								

**Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966**

45

Apr. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude		Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S						E	N	U		E-W	N-S					
17	A	16.13	23.9		1.1			+	2.2	1.4				18	A	17.34	11.5	0.6				14.1	12.9			
	H	16.13			0.9				5.8	7.4	0.8	3.2			H	17.34	12.2	0.9		+		4.9	2.0	3.9	3.2	
	Z	16.13	23.6		0.6				3.8	2.8					Z	17.34	12.0	0.8				0.6	0.8			
17	A	16.14	33.2		1.1	+		+	7.2	5.9				18	A	17.53	09.0	1.0				3.6	5.8			
	H	16.14	33.5		1.1	-		-	22.5	25.8	3.1	3.9			H	17.53	09.0	0.9				5.5	6.0	5.1	3.2	
	Z	16.14	33.0		0.6				9.5	13.4					Z	17.53	09.1	0.8				1.3	0.5			
17	A	16.25	59.1		1.0			+	0.5	1.3				18	A	18.18	22.7	0.6				1.4	1.4			
	H	16.25	59.6		0.9				4.3	3.6	3.0	2.9			H	18.18	23.5	1.0				1.8	1.4	2.1	2.5	
	Z	16.25	58.8		0.9				2.4	1.5					Z	18.18	22.1	0.3		+		2.3	1.8			
17	A	16.26	09.9		1.0				0.2	0.4				18	A	18.35	28.0	0.8				0.8	0.5			
	H	16.26	10.4		0.9				2.0	1.4	3.0	2.4			H	18.35	28.8	0.9				0.3	0.4	1.8	2.1	
	Z	16.26	09.6		0.6				1.5	1.5					Z	18.35	27.6	0.3				0.8	0.6			
17	A	17.32	47.5		0.6			+	1.8	1.3				18	A	19.00	02.6	1.1				3.4	2.6			
	H	17.32	48.1		0.9				3.0	3.4	3.5	2.3			H	19.00	02.9	1.2		-		7.0	7.1	4.7	3.4	
	Z	17.32	47.4		0.6				0.6	0.3					Z	19.00	02.5	0.7				3.8	1.4			
17	A	19.41	03.8		0.9			+	8.3	13.3				18	A	19.11	37.6	0.8				3.8	15.5			
	H	19.41	04.0		0.9			+	2.2	3.4	4.6	3.2			H	19.11	37.7	0.7		+		13.0	15.2	4.5	3.6	
	Z	19.41	04.3		0.7				0.6	2.0					Z	19.11	38.1	0.9				1.4	1.8			
17	A	20.02	53.6		1.1	-	-	+	9.4	14.5				18	A	19.37	45.3	0.7				41.6	23.9			
	H	20.02			1.0	-	-	-	9.0	8.0	5.8	4.4			H	19.37	45.6	0.8		+		6.2	11.8	4.5	4.0	
	Z	20.02	53.3		1.3										Z	19.37	45.0	0.9		-		0.2	3.0			
17	A	20.28	20.0		0.9		-	-	21.0	28.5				18	A	20.19	32.4	0.7				0.9	0.8			
	H	20.28	20.5		1.3				13.0	14.2	2.3	4.2			H	20.19	32.7	0.8		-		1.4	1.5	2.0	2.4	
	Z	20.28	19.5		0.4	-		+	8.0	31.5					Z	20.19	32.7	0.8		-		2.4	1.0			
17	A	20.55	12.0		1.0			-	1.7	1.1				18	A	20.33	02.8	0.8				6.0	2.6			
	H	20.55	12.7		1.2			-	1.2	0.5	1.4	2.7			H	20.33		1.0				2.2	2.4	4.8	3.5	
	Z	20.55	11.5		0.4				1.6	1.3					Z	20.33	03.2	0.7				3.8	1.0			
17	A	20.57	35.0		0.7			+	2.0	3.5				18	A	20.58		1.0				3.4	3.8			
	H	20.57	35.8		1.0				0.6	0.8	4.1	2.8			H	20.58	03.5	0.9				4.5	4.8	5.8	2.9	
	Z	20.57	35.4		0.6				0.9	0.8					Z	20.58	03.1	1.0				0.4	0.4			
17	A	21.50	51.7		0.8			-	1.6	0.6				18	A	22.04	12.8	1.1				2.1	0.8			
	H	21.50	52.6		0.9				3.9	3.3	3.6	3.4			H	22.04	12.6	0.8		+		1.2	3.0	5.3	2.6	
	Z	21.50			0.6				0.5	0.6					Z	22.04	12.7	1.0				0.3	0.3			
17	A	22.33	25.5		0.7			+	1.3	0.8				18	A	22.05	11.0	1.1				7.9	5.8			
	H	22.33	26.3		1.1				0.4	0.6	1.3	2.8			H	22.05	11.1	0.9		+		20.1	12.2	6.0	3.5	
	Z	22.33	25.1		0.4			+	5.8	5.3					Z	22.05	11.4	1.1				1.4	1.2			
18	A	01.16	20.5		0.9	+	-	-	2.0	1.1				18	A	22.09	53.0	0.7				32.3	19.4			
	H	01.16	21.3		0.9			+	6.6	3.9	3.6	2.6			H	22.09	53.6	1.0		+		7.8	7.1	4.7	3.4	
	Z	01.16			0.6			-	0.4	0.8					Z	22.09	53.7	0.8		-		0.6	0.4			
18	A	03.12	34.3		0.7	-	-	+	37.6	33.0				18	A	22.12	41.6	0.7				3.5	3.9			
	H	03.12	35.2		0.9			-	17.4	12.7	5.1	3.7			H	22.12	42.2	1.0		+		8.8	7.0	4.5	2.7	
	Z	03.12	35.0		0.9			-	1.2	0.8					Z	22.12	42.3	0.8				0.4	0.5			
18	A	04.08			0.6	-	-	+	8.5	4.4				18	A	22.50	35.7	0.8				3.9	2.8			
	H	04.08	47.1		0.6			-	12.2	16.9	2.6	3.1			H	22.50	36.7	0.9				2.6	2.5	3.8	3.1	
	Z	04.08	47.5		0.6			-	1.0	1.4					Z	22.50	36.0	0.6				2.0	1.0			
18	A	05.46	38.0		1.1		-	+	3.8	2.2				18	A	23.00	10.0	1.0				0.8	0.5			
	H	05.46	37.7		0.8			+	5.0	7.9	5.6	3.2			H	23.00	10.4	0.8				1.4	1.0			
	Z	05.46	38.4		1.1				0.7	0.9					Z	23.00	09.4	0.4				2.4	1.2			
18	A	06.10	36.3		0.8			+	1.1	0.6				18	A	23.12	36.5	0.9				6.1	6.1			
	H	06.10	36.7		0.7			+	1.2	0.9	1.5	2.4			H	23.12	37.2	1.1				3.7	4.3	5.6	3.5	
	Z	06.10	35.8		0.5				1.0	0.7					Z	23.12	37.0	0.8				3.4	1.3			
18	A	06.44	54.6		1.0		-	+	5.8	5.3				19	A	00.26	24.1	0.8				3.4	2.3			
	H	06.44	54.8		0.8			+	10.2	11.7	5.5	3.3			H	00.26	24.8	0.9		+		3.8	5.0	4.5	2.9	
	Z	06.44	55.2		1.1			+	1.2	1.2					Z	00.26	24.5	0.7				1.0	1.0			
18	A	09.27	34.7		0.8		-	+	1.2	0.7				19	A	02.27	21.3	1.0				13.4	7.6			
	H	09.27	34.7		0.9	-		-	6.3	6.0	2.9	2.7			H	02.27	21.1	1.0		+	+	23.5	15.9	6.3	3.9	
	Z	09.27	34.3		0.5			+	2.2	1.0					Z	02.27	21.6	1.0				3.6	1.8			
18	A	12.16	09.0		0.9				0.9	0.9				19	A	04.02	30.7	0.9				6.8	9.9			
	H	12.16			1.0				4.0	0.2	2.6				H	04.02	31.4	1.2				4.0	4.9	6.2	3.5	
	Z	12.16	08.4		0.3			+	3.4	1.0					Z	04.02	31.0	1.0		-		1.4	1.0			
18	A	12.37	59.8		0.6				3.0	3.0				19	A	06.02	55.9	0.6				1.8	1.8			
	H	12.38	00.9		0.9				2.4																	

Seismological Data of Matsushiro Earthquake Swarm (Report II)

Apr. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
19	A H Z	08.21 08.21 08.21	39.5 39.9 39.5	0.7 0.7 0.4	-				1.7 11.0 5.0	4.1 10.0 3.0	1.6	3.2
19	A H Z	08.50 08.50 08.50	45.5 45.4 45.9	0.9 0.8 0.9	-		-		9.2 16.2 1.2	4.1 19.0 1.6	5.1	3.7
19	A H Z	09.09 09.09 09.09	53.7 54.5 54.1	0.9 1.3 0.8					2.6 1.2 2.8	1.9 1.2 0.5	5.5	3.2
19	A H Z	09.17 09.17 09.17	06.8 07.3 07.3	0.6 0.8 0.9	+		+		15.9 7.4 0.8	18.3 10.8 1.7	3.7	3.5
19	A H Z	10.25 10.25 10.25	22.2 22.8 22.0	0.7 0.8 0.4					1.7 4.4 1.0	2.2 2.8 2.2	2.3	2.7
19	A H Z	10.55 10.55 10.55	57.6 58.0 58.0	0.5 0.9 0.9		-	+		6.4 10.2 1.0	9.1 13.4 2.2	3.3	3.2
19	A H Z	11.20 11.20 11.20	22.5 23.1 22.7	0.6 0.8 0.7			-		4.6 1.0 0.8	3.2 1.0 0.6	3.7	2.8
19	A H Z	11.31 11.31 11.31	26.6 26.6 26.4	0.9 1.2 0.8					2.4 2.2 0.4	1.6 1.2 0.8	5.3	2.8
19	A H Z	14.48 14.48 14.48	19.2 19.2 19.2	1.1 0.8 0.9					2.8 7.8 7.3	3.5 9.2 4.3	4.5	3.7
19	A H Z	14.48 14.48 14.48	33.2 33.3 33.3	1.1 0.7 0.8					2.2 4.2 2.5	2.4 6.3 1.2	1.2	3.2
19	A H Z	15.09 15.09 15.09	03.5 03.8 04.0	1.0 0.8 1.0		+	+	-	4.0 16.8 4.8	14.0 10.8 4.0	5.7	4.0
19	A H Z	16.14 16.14 16.14	50.5 50.3 50.9	1.2 0.8 1.0	+		+		3.6 7.4 1.0	8.9 11.2 0.6	5.0	3.4
19	A H Z	16.39 16.39 16.39	33.4 33.5 33.8	0.9 0.7 0.8			+		1.6 10.3 1.0	2.9 18.8 1.0	4.3	2.9
19	A H Z	17.46 17.46 17.46	19.6 20.2 20.1	0.7 1.0 1.1			-		4.5 3.2 0.6	8.0 2.6 0.5	3.5	3.1
19	A H Z	20.10 20.10 20.10	33.9 34.8 34.7	0.8 0.9 0.7		+	+		50.7 6.8 2.1	58.0 7.5 1.8	4.6	4.0
19	A H Z	20.11 20.11 20.11	35.9 36.8 36.3	0.6 1.1 0.6					2.9 1.9 3.4	2.6 3.9 2.8	3.4	3.0
19	A H Z	20.12 20.12 20.12	20.2 20.4 20.1	1.0 1.1 0.7					1.8 4.2 1.4	1.3 5.8 1.2	5.0	2.9
19	A H Z	21.35 21.35 21.35	44.2 44.5 44.7	0.9 0.7 1.0			+		6.1 7.4 0.5	6.0 9.2 0.7	4.9	3.2
19	A H Z	22.30 22.30 22.30	10.2 10.7 10.7	0.9 0.6 0.9					3.4 5.8 1.0	3.9 8.0 0.8	3.9	3.1
19	A H Z	23.11 23.11 23.11	21.6 21.3 21.8	1.1 0.9 1.3	-	-	+	+	4.6 1.6 1.1	7.4 1.8 0.6	6.4	3.5
19	A H Z	23.13 23.13 23.13	35.8 36.0 35.4	0.6 0.7 0.4			-		0.6 1.2 1.4	0.3 1.6 1.0	1.8	2.2
19	A H Z	23.47 23.47 23.47	35.7 35.7 36.1	1.1 0.9 1.1			+		4.3 5.8 0.6	3.6 6.4 0.4	5.1	3.1
20	A H Z	01.27 01.27 01.27	52.6 52.6 52.6	0.6 0.7 0.6					1.8 2.8 0.8	2.0 4.8 0.7	2.8	2.5
20	A H Z	02.11 02.11 02.11	48.9 48.8 49.1	1.0 0.8 0.9					4.0 7.7 3.0	8.0 12.3 1.2	4.8	3.6
20	A H Z	03.18 03.18 03.18	43.6 44.0 43.7	0.7 1.0 0.7			-		3.7 1.2 0.8	3.0 2.0 0.6	4.6	2.8
20	A H Z	05.21 05.21 05.21		0.5 0.7 1.0				+	1.9 3.9 0.8	2.2 5.8 0.5	1.0	2.6
20	A H Z	08.24 08.24 08.24	24.3 25.1 23.9	0.8 1.1 0.5			+		2.9 3.4 2.4	3.6 4.4 2.8	3.3	3.0
20	A H Z	08.30 08.30 08.30	48.1 48.2 48.6	0.9 0.9 1.0			-		6.0 7.8 1.0	6.2 15.8 0.8	5.6	3.2
20	A H Z	14.43 14.43 14.43	41.6 40.0 41.2	0.7 1.0 0.5			+		6.8 9.4 4.2	5.8 5.8 12.8	3.6	3.7
20	A H Z	15.08 15.08 15.08	17.0 17.9 16.7	0.8 1.1 0.5			+		2.6 6.1 5.3	2.8 5.7 10.0	3.7	3.4
20	A H Z	15.26 15.26 15.26	24.7 24.3 24.9	1.0 0.7 0.9			-		6.6 12.2 4.2	13.9 11.3 3.5	4.3	3.9
21	A H Z	12.00 12.00 12.00	39.9 41.7 39.5	0.9 1.3 0.7					8.3 5.6 4.7	6.0 8.6 4.0	4.8	3.7
21	A H Z	12.49 12.49 12.49	26.0 26.0 25.1	1.1 1.2 1.0					2.4 3.0 1.0	1.3 4.6 1.2	6.7	3.1
21	A H Z	13.03 13.03 13.03	46.6 46.6 46.1	1.5 1.8 1.1					2.3 4.8 2.2	3.1 4.7 1.8	7.5	3.5
21	A H Z	14.05 14.05 14.05	45.3 46.5 44.5	1.0 1.3 0.6					1.0 0.8 0.8	0.8 1.4 1.3	3.6	2.6
21	A H Z	16.21 16.21 16.21	19.4 19.4 18.9	1.0 1.2 0.5					1.0 0.7 2.0	2.0 0.8 2.0	2.5	2.9
21	A H Z	20.25 20.25 20.25	49.9 50.3 50.0	1.1 1.0 0.9					7.4 21.2 11.2	23.0 31.4 6.5	3.5	4.4
21	A H Z	20.41 20.41 20.41	40.1 40.9 40.5	1.0 1.0 1.0					5.4 3.8 2.7	9.1 4.4 2.0	6.2	3.7
21	A H Z	20.47 20.47 20.47	49.8 50.5 50.1	1.0 0.9 1.0					8.0 3.2 4.2	18.6 3.0 2.6	5.5	4.0
21	A H Z	21.00 21.00 21.00	54.6 55.1 54.6	0.9 1.0 1.0					14.1 9.0 4.4	10.4 6.5 1.8	6.1	3.9
21	A H Z	22.45 22.45 22.45	16.6 16.8 17.0	1.0 0.8 1.0			+		6.1 7.8 0.9	9.2 9.2 1.0	4.9	3.4
21	A H Z	22.48 22.48 22.48	43.9 43.9 44.2	1.0 0.9 1.0					5.6 16.6 3.2	13.9 15.8 1.5	5.5	3.9
21	A H Z	23.09 23.09 23.09	25.8 26.0 26.0	0.9 0.6 1.1					11.1 10.0 1.2	7.2 13.6 1.5	4.3	3.6
21	A H Z	23.11 23.11 23.11	58.7 59.0 59.1	0.9 0.7 1.0					12.8 10.0 3.5	17.7 9.8 2.6	4.7	3.9
22	A H Z	01.33 01.33 01.33	44.3 44.9 43.8	1.0 1.4 0.6					6.4 1.8 4.8	5.7 2.6 3.1	3.4	3.5
22	A H Z	01.43 01.43 01.43	06.1 06.8 05.6	1.1 1.4 0.4					2.4 0.8 2.6	2.3 1.2 1.6		3.0
22	A H Z	01.45 01.45 01.45	20.8 21.7 20.5	1.4 1.8 1.1					2.8 1.6 0.5	1.9 1.5 1.0	7.6	3.2
22	A H Z	02.24 02.24 02.24	13.6 13.5 13.8	1.1 0.9 1.0					5.6 11.4 1.4	11.1 15.6 1.0	5.4	3.6
22	A H Z	03.00 03.00 03.00	12.4 12.0 12.5	1.0 1.4 1.0					10.2 30.4 5.3	37.7 3.8	7.0	3.9
22	A H Z	03.27 03.27 03.27	12.2 12.0 12.3	1.1 1.0 1.1					5.7 10.6 1.0	13.4 1.0	6.4	3.3

**Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966**

47

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
22	A	03.48	35.1		0.9				6.2			
	H	03.48	36.1		0.9				5.7	9.4	5.3	3.7
	Z	03.48	36.4		0.9				4.8	1.5		
22	A	06.11	19.8		1.0				3.4	1.8		
	H	06.11	20.2		1.1				3.4	3.6	3.8	3.2
	Z	06.11	19.5		0.6				2.0	3.0		
22	A	06.59	23.1		0.9				2.0	1.6		
	H	06.59	23.2		0.9				1.2	1.0	2.9	
	Z	06.59	22.7		0.4				3.5	1.6		
22	A	08.15	11.9		1.4				7.9	19.0		
	H	08.15	10.6		0.7				18.9	14.0	2.8	3.9
	Z	08.15	12.0		1.5				0.6	0.8		
22	A	11.50	14.2		0.7				7.0	7.3		
	H	11.50	14.7		0.8				2.2	4.2	4.2	3.1
	Z	11.50	14.6		0.8				0.9	0.8		
22	A	12.10	26.0		1.1				0.4	0.4		
	H	12.10	26.0		1.2				0.6	0.6	4.0	2.4
	Z	12.10	25.7		0.7				1.2	1.4		
22	A	12.37	01.2		1.0				3.1	3.8		
	H	12.37	00.6		0.8				4.9	5.6	5.2	3.1
	Z	12.37	01.4		1.0				1.0	0.9		
22	A	13.42	15.7		0.9				17.4	11.5		
	H	13.42	15.3		0.9				11.1	8.0	5.6	3.5
	Z	13.42	15.9		1.2				0.5	0.6		
22	A	14.59	32.8		0.9				8.7	19.8		
	H	14.59	32.6		0.7				10.2	13.8	1.7	3.7
	Z	14.59	33.4		0.7				2.3	2.9		
22	A	15.04	38.0		0.6				5.1	4.2		
	H	15.04	38.8		1.2				2.8	3.4	2.7	2.9
	Z	15.04	38.0		0.5				1.8	2.0		
22	A	16.11	38.5		0.9				3.4	5.0		
	H	16.11	37.8		0.9				9.7	5.0	4.6	3.5
	Z	16.11	38.4		0.8				3.3	1.8		
22	A	16.25	51.7		1.2				1.8	1.8		
	H	16.25	51.4		1.3				3.2	6.2	3.7	3.3
	Z	16.25	51.3		0.7				3.3	4.0		
22	A	16.54	30.8		0.6				7.9	9.0		
	H	16.54	31.6		1.0				1.4	1.3	3.0	3.3
	Z	16.54	30.9		0.5				3.0	2.5		
22	A	18.58	45.3		1.1				0.9	1.0		
	H	18.58	44.9		1.2				1.4	1.5	2.5	
	Z	18.58	44.8		0.5				1.0	1.0		
22	A	22.06	45.4		0.8				8.8	4.6		
	H	22.06	45.7		1.2				3.0	3.2	5.0	3.5
	Z	22.06	45.5		0.7				3.3	1.2		
22	A	22.07	17.4		0.8				1.0	1.1		
	H	22.07	16.6		0.9				0.5	0.8	1.7	2.8
	Z	22.07	16.8		0.4				5.0	3.8		
22	A	23.37	13.9		0.9				1.7	1.7		
	H	23.37	13.7		1.1				1.6	2.2	3.4	2.9
	Z	23.37	13.1		0.5				2.5	1.7		
23	A	00.25	48.9		0.7				0.6	0.7		
	H	00.25	48.6		0.9				0.6	0.6	3.0	2.6
	Z	00.25	48.3		0.5				3.6	1.5		
23	A	00.35	33.0		0.9				4.6	5.7		
	H	00.35	32.4		0.8				6.8	8.5	4.4	3.3
	Z	00.35	33.1		0.9				1.4	0.8		
23	A	02.40	31.7		0.5				12.0	20.7		
	H	02.40	32.1		0.9				1.2	1.6	3.7	3.4
	Z	02.40	31.8		0.8				1.6	0.8		
23	A	02.56	15.6		0.9				4.1	2.7		
	H	02.56	15.3		1.3				4.6	5.2	3.7	3.4
	Z	02.56	14.4		0.5				4.0	6.2		
23	A	03.32	35.7		1.0				18.2	9.8		
	H	03.32	35.1		0.8				15.6	30.6	5.2	4.0
	Z	03.32	35.6		1.0				2.5	3.3		
23	A	04.38	41.4		0.9				5.0	6.3		
	H	04.38	40.5		0.7				8.6	12.5	3.2	3.2
	Z	04.38	41.4		0.8				1.2	0.9		
23	A	05.01	19.6		0.6				11.3	17.8		
	H	05.01	19.9		0.9				2.6	3.0	3.6	3.2
	Z	05.01	19.7		0.7				0.8	0.9		
23	A	09.19	32.0		1.2				4.9	4.5		
	H	09.19	32.4		0.9				3.8	3.2	4.7	3.6
	Z	09.19	31.9		1.0				2.2	3.0		
23	A	10.15	01.6		0.8							
	H	10.15	01.8		1.0							
	Z	10.15	01.4		0.7							
23	A	13.28	06.4		0.7							
	H	13.28	05.8		1.0							
	Z	13.28	05.8		0.5							
23	A	14.58	22.1		1.0							
	H	14.58	21.8		1.2							
	Z	14.58	21.4		0.7							
23	A	15.04	43.7		0.9							
	H	15.04	43.4		1.4							
	Z	15.04	42.9		0.8							
23	A	17.19	53.0		0.8							
	H	17.19	52.7		0.8							
	Z	17.19	52.3		0.5							
23	A	18.16	50.0		0.9							
	H	18.16	49.4		0.8							
	Z	18.16	50.1		0.8							
23	A	21.46	06.0		0.9							
	H	21.46	06.0		1.4							
	Z	21.46	06.0		0.5							
23	A	22.45	35.1		0.9							
	H	22.45	34.7		0.7							
	Z	22.45	35.2		0.9							
24	A	03.25	47.6		0.8							
	H	03.25	47.1		0.6							
	Z	03.25	47.9		1.1							
24	A	04.28	49.9		1.0							
	H	04.28	49.3		0.8							
	Z	04.28	39.9		1.0							
24	A	05.13	29.8		0.8							
	H	05.13	29.8		1.0							
	Z	05.13	30.0		1.0							
24	A	05.17	03.8		0.6							
	H	05.17	03.9		0.9							
	Z	05.17	03.9		0.9							
24	A	05.50	14.6		1.1							
	H	05.50	14.1		1.0							
	Z	05.50	14.2		1.1							
24	A	07.21	23.1		0.8							
	H	07.21	23.5		1.4							
	Z	07.21	22.5		0.7							
24	A	07.49	51.7		1.1							
	H	07.49	52.0		1.5							
	Z	07.49	50.7		0.5							
24	A	13.51	37.3		1.0							
	H	13.51	37.3		1.2							
	Z	13.51	37.7		1.0							
24	A	17.48	50.5		0.7							
	H	17.48	52.3		1.1							
	Z	17.48	50.4		0.3							
24	A	19.50	04.8		1.1							
	H	19.50	04.4		1.5							
	Z	19.50	04.7		1.4							
24	A	20.30	31.3		1.0							
	H	20.30	32.7		0.9							
	Z	20.30	31.7		0.9							
24	A	20.31	39.6		0.7							
	H	20.31	41.0		0.9							
	Z	20.31	38.9		0.3							
24	A	20.57	49.2		0.8							
	H	20.57	50.5		0.7							
	Z	20.57	49.5		0.9							
25	A	04.18	02.9		0.6							
	H	04.18			0.6							
	Z	04.18	03.5		1.0							
25	A	04.19	08.0		0.7							
	H	04.19			0.7							
	Z	04.19	08.4		0.9							
25	A	04.19	41.8		0.7							
	H	04.19			0.6							
	Z	04.19	42.6		0.9							
25	A	05.45	18.0		0.8							
	H	05.45			0.7							
	Z	05.45	18.4		1.0							

Seismological Data of Matsushiro Earthquake Swarm (Report II)

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
25	A	06.34	29.0		1.0				5.1	5.2		
	H	06.34			1.7				1.1	2.4		3.4
	Z	06.34	28.8		0.5				4.2	5.5		
25	A	08.17	03.4		1.0				6.1	4.6		
	H	08.17			0.9				9.2	14.6	5.7	3.4
	Z	08.17	03.8		1.0				1.8	1.2		
25	A	11.12	14.8		0.7				2.4	2.6		
	H	11.12	14.8		0.7				1.4	1.8	3.2	2.6
	Z	11.12	15.2		0.7				0.2	0.6		
25	A	11.47	26.9		0.7				7.7	6.0		
	H	11.47	27.4		1.0				2.5	2.4	5.0	3.3
	Z	11.47	27.7		1.0				1.4	1.0		
25	A	11.56	23.5		0.5				9.4	8.2		
	H	11.56	24.1		0.9				9.1	11.4	3.4	3.6
	Z	11.56	24.1		0.7				1.0	6.7		
25	A	13.40	07.3		1.0				2.4	2.6		
	H	13.40	07.3		1.2				4.4	7.6	5.8	3.5
	Z	13.40	07.0		0.8				7.2	5.2		
25	A	15.17	24.2		0.6				1.0	0.4		
	H	15.17	23.7		0.9				0.8	0.6	2.9	2.3
	Z	15.17	24.7		0.5				0.6	1.0		
25	A	15.44	07.3		1.0				3.3	2.8		
	H	15.44	07.7		1.4				3.2	6.0	5.8	3.6
	Z	15.44	07.3		0.8				3.2	7.9		
25	A	15.50	52.2		1.0				0.8	0.4		
	H	15.50	52.5		1.2				0.6	0.4	3.9	2.8
	Z	15.50	52.0		0.6				0.8	2.4		
25	A	16.20	37.3		1.1				1.4	1.0		
	H	16.20	37.8		1.4				0.6	0.6	6.7	2.9
	Z	16.20	37.5		1.0				1.0	1.0		
25	A	16.28	26.4		1.0				3.3	7.2		
	H	16.28	25.7		0.7				8.7	6.8	4.5	3.5
	Z	16.28	26.9		1.0				1.0	1.6		
25	A	17.30	16.1		0.5				2.0	2.1		
	H	17.30	16.8		0.8				1.0	1.2	2.5	2.3
	Z	17.30	16.3		0.5				0.2	0.8		
25	A	17.36	11.8		1.0				1.9	2.0		
	H	17.36	11.2		0.7				1.8	1.6	4.5	2.8
	Z	17.36	12.3		1.0				0.5	0.4		
25	A	17.44	02.4		1.1				2.6	1.8		
	H	17.44	01.9		0.9				5.0	5.7	6.3	3.1
	Z	17.44	03.0		1.2				0.6	0.8		
25	A	19.45	37.7		0.9				2.9	1.6		
	H	19.45	38.3		1.2				4.4	3.6	3.7	3.5
	Z	19.45	37.6		0.5				4.2	12.2		
25	A	19.46	04.6		0.7				0.4	0.2		
	H	19.46	04.9		1.1				0.6	0.4	2.6	1.9
	Z	19.46	04.4		0.4				0.7	1.2		
25	A	20.25	24.0		1.5				1.8	1.4		
	H	20.25	24.6		1.9				1.5	1.8	8.2	3.4
	Z	20.25	24.1		1.2				1.7	2.0		
25	A	22.20	35.0		1.1				1.6	1.0		
	H	22.20	33.6		0.9				1.1	1.2		3.2
	Z	22.20	34.5		0.5				5.4	1.4		
26	A	01.35	35.6		1.0				2.2	1.8		
	H	01.35	35.7		1.2				1.3	1.6	4.9	3.4
	Z	01.35	35.4		0.7				1.4	7.2		
26	A	02.50	51.5		0.9				5.8	4.4		
	H	02.50	52.2		1.4				4.2	7.4	5.8	3.8
	Z	02.50	51.9		0.9				3.4	8.8		
26	A	04.11	26.0		1.0				1.9	3.2		
	H	04.11	26.3		0.9				3.0	2.8	5.2	3.3
	Z	04.11	26.8		0.9				2.0	1.0		
26	A	06.25	05.1		0.8				1.6	1.0		
	H	06.25	05.9		1.3				1.8	2.4	4.8	3.0
	Z	06.25	05.3		0.7				1.4	3.2		
26	A	07.20	41.8		1.0				9.6	9.2		
	H	07.20	41.9		0.7				6.1	10.6	4.3	3.7
	Z	07.20	42.5		1.0				1.6	2.8		
26	A	07.50	38.0		0.8				13.0	22.0		
	H	07.50	38.1		0.8				12.7	21.4	4.8	4.0
	Z	07.50	38.7		0.9				3.3	4.3		
26	A	07.51	06.6		0.8				24.4	42.0		
	H	07.51	06.4		0.9				24.4	21.0	4.6	4.3
	Z	07.51	07.2		0.8				4.2	8.0		
26	A	08.05	02.7		0.8				3.6	3.8		
	H	08.05	03.1		0.8				5.4	6.4	4.3	3.0
	Z	08.05	03.3		0.8				0.4	1.2		
26	A	09.47	06.6		0.9				1.6	2.0		
	H	09.47	06.1		0.7				3.6	3.2	3.3	3.1
	Z	09.47	06.8		0.8				1.4	2.4		
26	A	09.51	41.5		0.4				6.9	6.0		
	H	09.51	42.1		1.0				4.2	4.8	2.3	3.0
	Z	09.51	42.1		0.5				2.0	2.6		
26	A	09.54	47.3		1.0				1.8	0.8		
	H	09.54	46.9		0.7				3.8	2.9	2.7	3.5
	Z	09.54	48.0		0.9				0.6	1.2		
26	A	11.16	34.4		0.6				7.6	4.6		
	H	11.16	35.0		1.2				1.7	2.8	3.9	3.7
	Z	11.16	34.7		0.7				2.1	7.5		
26	A	15.27	35.9		0.5				29.8	28.4		
	H	15.27	35.6		0.7				23.8	22.9	3.0	4.2
	Z	15.27	36.7		0.9				1.6	8.5		
26	A	17.52	23.3		1.0				3.0	2.0		
	H	17.52	23.1		0.9				3.3	4.1	5.7	3.2
	Z	17.52	23.3		1.0				1.2	1.4		
26	A	18.58	19.7		0.8				2.4	1.2		
	H	18.58	19.6		1.1				1.4	1.4	3.6	3.2
	Z	18.58	19.6		0.5				2.4	5.0		
26	A	20.45	30.9		0.9					4.0		
	H	20.45	30.4		0.8				7.3	6.2	4.8	3.3
	Z	20.45	31.1		0.9				1.2	1.9		
26	A	20.47	41.4		0.6				2.2	3.2		
	H	20.47	42.2		1.0				2.0	2.2	2.8	2.9
	Z	20.47	41.7		0.5				2.6	2.0		
26	A	22.25	21.2		0.6				42.0	1.2		
	H	22.25	21.7		1.1				40.9	2.2	4.2	3.6
	Z	22.25	21.5		0.7				43.6	1.4		
26	A	22.59	37.0		1.2				0.6	0.4		
	H	22.59	36.9		1.2				1.6	2.0		3.0
	Z	22.59	36.4		0.7				2.0	4.2		
26	A	23.00	07.8		1.1				0.4	0.6		
	H	23.00	08.1		1.0				0.6	1.3		2.6
	Z	23.00	07.5		0.7				0.8	1.7		
27	A	00.06	53.9		0.9				4.0	3.1		
	H	00.06	53.9		1.2				7.8	9.8	5.1	3.7
	Z	00.06	52.6		0.7				6.4	9.1		
27	A	00.10	28.4		1.0				6.3	4.5		
	H	00.10	28.2		1.1				9.0	6.6	6.7	3.5
	Z	00.10	29.0		1.2				0.6	1.4		
27	A	00.36	08.8		1.0				8.0	8.3		
	H	00.36	09.4		1.3				8.6	14.0	7.0	4.3
	Z	00.36	08.8		1.0				9.4	26.4		
27	A	00.59	09.0		1.0				18.0	2.0		
	H	00.59	09.1		1.2				15.2	2.3	2.2	2.9
	Z	00.59	08.8		0.5				18.3	1.0		
27	A	01.59	54.7		0.9				15.9	16.4		
	H	01.59	54.3		0.9				14.2	15.6	5.9	4.3
	Z	01.59	55.4		1.1				2.8	11.2		
27	A	04.17	37.7		1.0				2.8	1.9		
	H	04.17	37.7		1.3				3.4	6.8	6.2	3.2
	Z	04.17	37.3		0.9				2.5	1.7		
27	A	04.19	42.1		0.9				3.9	5.4		
	H	04.19	41.8		0.9					4.4	5.5	3.6
	Z	04.19	42.5		1							

**Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966**

49

Apr. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude			Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S							E	N	U		E-W	N-S					
27	A	08.13	34.2		0.9				9.3	10.6					28	A	15.04	20.0		0.8			+	3.5	3.0		
	H	08.13	34.1		0.9				19.8	19.0	5.7	3.9		H		15.04	20.4		1.1			+	3.9	2.6	5.2	3.4	
	Z	08.13	34.7		1.0				2.0	4.1				Z		15.04	20.3		0.8				3.0	4.2			
27	A	08.54	42.3		0.6					4.8				28	A	16.09	25.9		0.7				2.2	2.3			
	H	08.54	43.4		0.9				1.6	1.9	3.0	3.2			H	16.09	26.8		1.0				1.4	1.2	3.4	3.1	
	Z	08.54	42.1		0.5				1.4	3.6					Z	16.09	26.0		0.5				2.0	4.2			
27	A	12.33	24.0		1.0				2.4	7.5				28	A	21.33	33.8		0.7			-	17.5	30.4			
	H	12.33	23.4		0.8				9.6	9.1	4.7	3.7			H	21.33	34.5		1.3				7.5	13.3	4.8	4.3	
	Z	12.33	24.1		1.0				1.4	2.8					Z	21.33	34.0		0.9		+		3.8	8.2			
27	A	12.57	10.7		0.5				1.8	2.0				28	A	23.33	37.1		1.1				2.6	1.7			
	H	12.57	11.4		1.0				1.6	1.8	2.4	2.6			H	23.33	37.2		1.1				2.0	2.0		3.4	
	Z	12.57	10.3		0.4				2.4	2.0					Z	23.33	36.6		0.6				3.8	5.7			
27	A	14.14	42.0		0.9				2.1	2.2				28	A	23.36	50.4		1.1				3.5	3.1			
	H	14.14	41.9		0.9				5.6	4.5	5.7	3.4			H	23.36	50.4		1.2				1.4	1.6	4.5	3.8	
	Z	14.14	42.0		1.0				2.8	5.1					Z	23.36	49.9		0.7				4.4	13.5			
27	A	18.48	51.8		1.1				0.9	0.8				28	A	23.42	19.8		1.0			+	1.2	0.8			
	H	18.48	51.9		1.2				1.2	1.0	2.4	2.9			H	23.42	19.7		1.1				1.6	2.0	2.5	3.2	
	Z	18.48	50.9		0.6				1.6	3.3					Z	23.42	19.4		0.6		+		4.6	6.4			
27	A	19.12	08.0		1.0				3.2	2.0				28	A	23.56	07.9		0.9			+	9.8	6.0			
	H	19.12	08.8		1.4				3.2	4.0	5.9	3.5			H	23.56	07.7		0.9				3.5	4.2	5.7	3.7	
	Z	19.12	08.0		0.8				2.6	5.2					Z	23.56	08.1		1.0		-		1.6	2.4			
27	A	19.21	23.8		0.7				3.2	3.2				29	A	00.24	08.9		0.7			+	12.2	16.0			
	H	19.21	24.6		1.1				1.8	1.4	2.9	3.1			H	00.24	09.2		1.1				13.8	4.6	5.2	4.0	
	Z	19.21	23.8		0.4				4.0	5.8					Z	00.24	09.0		1.0		+		7.4	7.1			
27	A	19.44	56.3		0.5				2.0	2.2				29	A	03.11	54.4		0.9			+	6.8	11.4			
	H	19.44	56.9		1.0				1.0	0.8	2.7	2.3			H	03.11	54.3		0.8				16.0	14.4	4.8	3.9	
	Z	19.44	56.7		0.5				0.4	0.8					Z	03.11	54.6		0.9		-		3.0	4.8			
27	A	19.58	36.5		0.9				4.3	9.9				29	A	03.49	16.8		1.0			+	17.0	25.4			
	H	19.58	36.0		0.6				2.8	3.0	3.3	3.4			H	03.49	16.6		0.9				18.2	24.0	5.7	4.2	
	Z	19.58	36.7		0.9				0.8	1.0					Z	03.49	17.3		1.0		+		5.1	5.2			
27	A	20.03	29.1		1.0				3.4	2.5				29	A	10.13	16.1		0.5			+	16.6	25.2			
	H	20.03	28.8		1.0				1.4	3.6	6.2	3.2			H	10.13	16.6		0.9				10.2	13.8	3.5	3.9	
	Z	20.03	28.9		1.0				1.4	1.6					Z	10.13	16.4		0.7		+		2.6	5.6			
27	A	20.35	14.1		0.7					1.2				29	A	10.16	37.4		0.6			+	6.0	5.4			
	H	20.35	14.8		1.0				2.4	3.0	3.6	2.9			H	10.16	37.9		1.1				10.3	9.5	3.0	3.6	
	Z	20.35	14.0		0.6				3.7	5.2					Z	10.16	37.5		0.5				9.0	16.6			
28	A	01.12	59.8		0.8				3.0	3.8				29	A	10.17	04.7		0.7			+	7.0	8.0			
	H	01.12	59.4		0.7				5.4	6.4	3.7				H	10.17	04.9		1.0				13.6	19.3	3.7	3.9	
	Z	01.12	59.6		0.8				5.2	2.8					Z	10.17	04.7		0.6				13.0	16.6			
28	A	01.17	49.6		1.0				3.2	2.4				29	A	12.18	08.9		1.2			+	13.4	19.6			
	H	01.17	49.3		0.9				3.6	3.0	5.5	3.2			H	12.18	07.8		0.9				26.8	33.5	6.1	4.3	
	Z	01.17	49.7		1.0				0.8	1.3					Z	12.18	09.3		1.2				1.3	5.4			
28	A	01.17	53.7		1.0				7.6	10.4				29	A	12.38	02.6		1.0			+	2.0	2.4			
	H	01.17	53.6		0.8				23.0	21.3	2.5	4.1			H	12.38	02.2		1.4				1.6	1.8	1.4	3.1	
	Z	01.17	53.7		0.7				7.2	14.2					Z	12.38	02.1		0.4		-		4.4	4.7			
28	A	01.44	39.3		0.9				2.0	1.8				29	A	12.57	56.4		1.2			-	7.8	15.7			
	H	01.44	38.6		0.8				4.4	8.4	4.8	3.1			H	12.57	56.7		1.4				9.0	8.7	6.4	4.5	
	Z	01.44	38.9		0.9				1.2	2.0					Z	12.57	56.3		0.9				6.1	17.2			
28	A	02.57	13.1		1.1				9.0	11.2				29	A	14.39	17.9		0.9				1.6	1.8			
	H	02.57	12.4		1.0				11.7	18.0	7.0	4.0			H	14.39	17.6		1.1				1.6	2.0	4.1	3.3	
	Z	02.57	13.0		1.3				4.8	1.6					Z	14.39	17.4		0.6				6.6	6.7			
28	A	03.05	41.9		1.2				5.2	1.7				29	A	16.55	09.1		1.4			-	6.0	19.0			
	H	03.05	41.2		1.0				7.0	5.4	6.5	3.3			H	16.55	07.7		0.8				12.5	13.4	2.7	4.1	
	Z	03.05	42.1		1.2				0.8	0.4					Z	16.55	09.4		1.3		-		0.4	2.4			
28	A	04.28	48.8		1.1				3.7	3.3				29	A	18.34	28.7		0.7			-	1.2	1.4			
	H	04.28	48.1		0.9				8.4	5.3	6.0	3.4			H	18.34	28.7		0.9				1.5	2.2	2.3	2.8	
	Z	04.28	48.3		1.1				1.2	1.9					Z	18.34	28.4		0.4		+		3.0	4.9			
28	A	05.05	50.2		0.9				0.6	0.4				29	A	23.28	56.9		1.0			+	5.4	5.4			
	H	05.05	50.4		1.2				0.4	0.4	3.4	2.8			H	23.28	56.1		0.8				17.0	14.0	3.8	3.9	
	Z	05.05	49.6		0.5				1.0	5.2					Z	23.28	57.0		0.9		-		6.1	10.8			
28	A	06.58	50.4		0.8				6.4	14.0				30	A	01.33	00.1		0.9			+	13.7	6.3			
	H	06.58	50.2		0.8																						

Apr. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
30	A	08.00	29.3		1.0				3.6	3.0	3.9	3.2
	H	08.00	28.8		1.2			-	4.4	6.6		
	Z	08.00	29.1		0.6				2.0	2.0		
30	A	08.09	12.0		0.6			+	1.4	1.6	2.3	2.6
	H	08.09	12.1		0.9			-	1.2	2.1		
	Z	08.09	11.7		0.4			-	1.6	2.2		
30	A	12.18	35.4		1.0			-	16.8	6.0	4.5	4.0
	H	12.18	34.8		0.7			-	23.7	17.4		
	Z	12.18	35.8		1.0			-	1.6	4.0		
30	A	14.23	37.5		0.9			+	10.2	6.8	1.8	3.8
	H	14.23	37.8		1.1			+	1.4	2.0		
	Z	14.23	36.1		0.4			+	3.4	13.4		
30	A	16.26	14.0		0.9			-	1.2	1.4	2.8	2.8
	H	16.26	14.3		1.3			-	0.6	0.6		
	Z	16.26	13.3		0.4			+	3.5	3.3		
30	A	16.31	29.9		0.7			+	6.0	5.2	5.1	3.5
	H	16.31	30.3		1.0			+	3.2	2.2		
	Z	16.31	30.0		0.9			+	3.8	4.0		
30	A	17.42	54.0		1.0			-	33.6	43.4	5.1	4.6
	H	17.42	53.3		0.8			-	38.4	40.4		
	Z	17.42	54.7		1.0			-	2.8	9.2		
30	A	18.47	27.5		1.0			-	5.4	4.0	5.0	3.7
	H	18.47	28.0		1.3			-	4.0	4.0		
	Z	18.47	27.0		0.7			+	3.7	8.4		
30	A	19.26	40.7		0.6			+	5.5	3.1	4.0	3.6
	H	19.26	40.9		0.8			-	1.7	1.9		
	Z	19.26	41.3		0.9			-	0.6	6.4		
30	A	19.40	45.0		1.0			+	6.7	11.9	1.1	3.8
	H	19.40	44.6		0.8			+	13.0	17.8		
	Z	19.40	45.3		0.7			+	3.6	4.2		
30	A	19.49	07.9		0.8			+	3.8	4.2	4.8	3.5
	H	19.49	07.3		0.8			-	6.3	10.5		
	Z	19.49	08.0		0.9			-	5.2	4.2		
30	A	19.53	18.4		0.8			-	5.9	10.7	4.4	3.5
	H	19.53	18.2		0.9			-	10.0	7.8		
	Z	19.53	18.8		0.7			-	1.0	3.1		
30	A	19.58	51.7		0.9			+	0.8	1.6	2.6	2.9
	H	19.58	52.3		1.3			+	0.4	0.2		
	Z	19.58	51.3		0.4			+	3.4	3.2		
30	A	20.19	43.9		0.9			+	1.3	1.4	4.4	3.0
	H	20.19	43.5		1.3			+	3.0	3.0		
	Z	20.19	43.5		0.6			+	3.4	2.2		
30	A	21.25	19.3		0.8			+	7.6		4.6	3.4
	H	21.25	18.7		0.8			+	6.0	6.0		
	Z	21.25	19.4		1.0			+	0.6	1.8		
30	A	21.53	10.2		0.7			+	8.0	13.3	4.5	3.7
	H	21.53	10.5		0.8			+	7.2	6.3		
	Z	21.53	10.9		0.9			+	1.1	3.0		
30	A	22.19	08.6		1.1			-	3.8	1.9	5.0	3.4
	H	22.19	08.3		1.2			-	5.2	5.8		
	Z	22.19	07.9		0.8			+	2.8	2.3		
30	A	23.59	19.7		1.0			+	4.0	7.6	5.0	3.7
	H	23.59	19.1		0.8			-	8.6	10.0		
	Z	23.59	19.8		1.0			-	1.4	3.0		
1966 May												
01	A	03.26	27.8		0.6			+	2.9	1.5	3.3	3.0
	H	03.26	28.9		1.0			-	1.6	2.2		
	Z	03.26	28.4		0.5			-	3.4	3.6		
01	A	04.04	10.2		1.0			+	2.9	2.6	5.4	3.2
	H	04.04	10.3		1.2			-	4.8	3.7		
	Z	04.04	09.8		0.8			+	2.7	2.2		
01	A	04.23	24.2		0.6			+	3.4	1.8	3.9	3.2
	H	04.23	24.7		1.0			+	2.6	4.6		
	Z	04.23	24.3		0.7			+	0.9	4.0		
01	A	04.40	56.1		1.1			+	2.8	2.2	4.6	3.4
	H	04.40	55.8		1.2			+	2.4	2.8		
	Z	04.40	55.1		0.8			+	3.1	3.5		
01	A	04.48	33.9		1.0			+	0.4	0.4	1.1	4.6
	H	04.48	34.2		1.1			+	0.4	0.2		
	Z	04.48	33.5		0.6			+	13.4	39.0		
01	A	08.04	14.2		0.8			-	0.8	1.0	4.6	3.5
	H	08.04	15.1		1.3			-	0.4	0.2		
	Z	08.04	14.0		0.7			-	2.6	2.5		
01	A	08.43	16.3		1.0			+	4.1	6.2	4.3	3.7
	H	08.43	15.9		0.7			+	11.6	7.4		
	Z	08.43	16.5		1.0			+	3.1	3.6		
01	A	09.01	49.9		0.5			-	1.2	0.4	1.6	2.4
	H	09.01	50.0		0.9			-	1.0	1.0		
	Z	09.01	49.7		0.3			-	2.6	1.4		
01	A	09.57	08.7		0.6			+	5.0	5.8	3.8	3.1
	H	09.57	-		0.9			+	1.2	1.2		
	Z	09.57	09.0		0.7			+	2.0	2.0		
01	A	10.12	21.5		1.1			+	4.3	6.5	6.3	3.5
	H	10.12	20.5		1.0			+	7.1	8.3		
	Z	10.12	21.2		1.1			+	1.3	0.9		
01	A	13.00	38.5		0.7			-	1.4	0.8	0.8	2.6
	H	13.00	38.4		0.9			-	0.7	0.9		
	Z	13.00	38.1		0.3			-	3.5	2.2		
01	A	13.51	27.3		0.8			+	1.8	2.4	3.0	2.9
	H	13.51	27.7		1.2			+	1.0	1.1		
	Z	13.51	26.9		0.4			+	3.3	1.8		
01	A	14.06	43.7		0.8			+	2.5	4.0	4.0	3.2
	H	14.06	42.9		0.7			+	6.3	8.3		
	Z	14.06	43.9		0.9			-	1.9	1.0		
01	A	14.29	00.9		1.2			-	2.7	1.7	5.3	3.0
	H	14.29	00.8		1.1			-	4.2	6.4		
	Z	14.29	00.8		1.0			+	0.5	0.6		
01	A	14.39	46.9		0.9			-	5.0	5.8	2.1	3.5
	H	14.39	47.3		1.2			-	6.7	9.9		
	Z	14.39	46.7		0.4			+	6.0	8.0		
01	A	14.40	00.4		0.7			-	1.2	1.1	3.1	2.7
	H	14.40	00.6		1.3			-	2.8	2.9		
	Z	14.40	00.5		0.5			+	0.8	2.7		
01	A	18.27	58.7		1.1			+	6.1	10.1	6.5	4.1
	H	18.27	58.6		1.1			+	5.9	9.0		
	Z	18.27	58.5		1.0			+	7.9	5.0		
01	A	19.50	11.7		1.1			+	10.0	4.3	5.1	3.9
	H	19.50	11.1		0.9			-	5.0	6.2		
	Z	19.50	11.6		1.0			+	1.9	5.5		
01	A	22.09	35.5		0.7			+	3.6	6.5	4.8	3.4
	H	22.09	36.0		1.1			+	3.0	3.5		
	Z	22.09	35.8		0.8			-	3.3	1.8		
02	A	00.53	15.4		1.0			+	2.2	2.0	6.6	3.0
	H	00.53	14.9		1.3			+	3.0	2.2		
	Z	00.53	15.7		1.0			+	0.8	1.2		
02	A	01.01	44.2		1.1			+	2.3	2.8	3.7	3.3
	H	01.01	44.0		0.9			+	4.8	4.6		
	Z	01.01	44.2		0.9			+	2.2	1.6		
02	A	01.27	18.6		1.0			+	6.5	8.7	4.5	3.4
	H	01.27	18.6		0.7			+	4.2	6.8		
	Z	01.27	18.9		1.0			-	0.9	0.8		
02	A	01.50	51.0		0.9			+	3.5	5.6	2.4	3.5
	H	01.50	50.5		0.8			-	8.2	6.8		
	Z	01.50	51.0		0.7			-	3.8	2.1		
02	A	02.57	35.9		0.8			-	1.6	1.4	4.3	2.8
	H	02.57	36.4		1.3			-	1.0	1.5		
	Z	02.57	36.0		0.6			+	0.5	2.1		
02	A	03.19	49.5		1.1			+	14.1	16.1	6.2	4.1
	H	03.19	48.7		1.0			+	12.4	14.5		
	Z	03.19	49.9		1.1			-	4.8	3.6		
02	A	05.26	32.2		0.8			+	3.2	4.2	3.2	3.3
	H	05.26			1.1			+	2.3	4.3		
	Z	05.26	31.6		0.5			-	4.2	4.7		
02	A	05.41	31.4		0.7			+	1.5	1.2	3.3	2.7
	H	05.41	31.7		1.2			+	0.6	1.4		
	Z	05.41	31.1		0.5			-	2.6	1.3		
02	A	06.59	05.3		1.1			-	8.4	7.2	5.2	3.6
	H	06.59	05.6		0.9			+	5.8	8.6		
	Z	06.59	05.1		1.0			+	1.2	1.8		
02	A	08.41	18.8		1.1			+	2.0	3.4	4.9	3.6
	H	08.41	18.4		1.1			+	6.5	6.8		
	Z	08.41	18.5		0.9			-	5.1	4.2		

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

51

May. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
Date	Station	h	m	s	S-P (sec)	E	N	U	E-W	N-S	Depth (km)	Magnitude
02	A	09.38	16.6		0.8			+	7.1	9.4	2.8	3.7
	H	09.38	16.4		1.0			-	5.6	6.3		
	Z	09.38	16.1		0.5			+	5.0	8.8		
02	A	11.33	09.1		0.5			+	1.9	2.8	2.6	2.7
	H	11.33	09.5		0.9				1.6	2.4		
	Z	11.33	08.9		0.5			-	0.9	1.9		
02	A	11.58	33.5		0.8			+	1.6	2.1	0.5	2.6
	H	11.58	33.8		1.0			-	0.5	0.4		
	Z	11.58	33.1		0.3			+	1.0	2.2		
02	A	13.29	35.4		1.3			+	48.2		6.1	4.8
	H	13.29	34.7		1.1			+	29.4	22.1		
	Z	13.29	35.7		1.2				11.2	11.4		
02	A	13.30	20.2		1.0				8.1		6.4	3.7
	H	13.30	18.5		1.0				6.9	7.5		
	Z	13.30	20.3		1.1			-	2.1	1.6		
02	A	15.48	13.5		1.0				1.2		3.6	3.0
	H	15.48	13.4		1.1			-	1.0	1.2		
	Z	15.48	12.9		0.6			+	3.2	2.4		
02	A	16.10	41.5		1.2			+	4.3		3.8	3.3
	H	16.10	40.9		0.8			+	7.2	6.5		
	Z	16.10	41.4		1.1			+	1.1	0.7		
02	A	17.16	37.6		0.9			-	3.0		5.1	3.3
	H	17.16	37.8		1.4			+	2.0	2.2		
	Z	17.16	37.3		0.7			+	3.2	2.6		
02	A	17.33	55.4		1.1			+	2.9		5.5	3.3
	H	17.33	54.7		0.8			+	5.8	11.9		
	Z	17.33	55.7		1.2			+	0.8	1.4		
02	A	17.35	59.9		0.7			+	3.9		4.4	2.9
	H	17.35	59.4		0.8			+	8.1	16.4		
	Z	17.35	59.9		0.9			-	0.6	0.7		
02	A	20.02	33.3		1.1			+	1.6		4.0	3.2
	H	20.02	33.3		1.2			-	2.1	3.6		
	Z	20.02	32.9		0.7			+	4.3	4.2		
02	A	20.10	25.2		1.2			+	1.6		3.0	3.2
	H	20.10	25.3		1.4			-	2.7	2.2		
	Z	20.10	24.9		0.7				3.5	3.7		
02	A	21.02	40.0		1.5			+	0.7		9.0	2.9
	H	21.02	40.3		1.9			+	0.4	0.5		
	Z	21.02	39.7		1.3			+	0.6	0.9		
02	A	23.58	21.9		1.1			+	21.1		7.1	4.3
	H	23.58	21.4		1.0			+	14.7	18.0		
	Z	23.58	22.4		1.3				5.6	3.4		
03	A	00.44	26.3		1.0				3.4		5.9	3.5
	H	00.44	26.5		1.4			+	2.4	4.2		
	Z	00.44	26.3		0.8				3.4	4.5		
03	A	00.59	53.0		0.9			+	10.0		5.3	3.5
	H	00.59	52.4		0.9				6.6	10.9		
	Z	00.59	53.0		0.9				1.2	1.5		
03	A	03.25	27.4		0.5			+	4.7		2.3	3.0
	H	03.25	28.3		1.0				2.2	3.6		
	Z	03.25	27.7		0.4			-	3.2	3.4		
03	A	04.32	14.6		1.2			+	26.0		5.6	4.6
	H	04.32	13.6		0.8			+	10.6	14.7		
	Z	04.32	14.8		1.3			+	10.2	6.4		
03	A	04.36	38.8		1.1			+	13.0		5.2	4.1
	H	04.36	37.9		1.0			+	7.9	7.9		
	Z	04.36	39.4		1.0				5.2	3.6		
03	A	06.10	29.0		1.1			-	4.1		4.9	3.2
	H	06.10	28.4		0.9			-	5.4	4.9		
	Z	06.10	28.3		1.0				0.8	0.9		
03	A	07.12	10.4		1.3				7.6		5.2	3.5
	H	07.12	09.6		0.9				4.6	5.1		
	Z	07.12	10.3		1.2				0.4	0.8		
03	A	07.44	01.2		0.8			+	1.4		2.9	2.9
	H	07.44	01.1		1.0				1.5	1.8		
	Z	07.44	00.7		0.5				3.8	2.1		
03	A	10.56	12.3		0.7			+	0.7	0.7	2.1	3.4
	H	10.56	12.3		0.9			-	0.6	0.4		
	Z	10.56	11.8		0.4				5.6	3.7		
03	A	12.39	15.0		0.7			-	7.1	5.8	2.3	3.1
	H	12.39	14.4		0.4			+	13.2	12.5		
	Z	12.39	15.6		1.0			-	0.4	0.8		
03	A	12.51	36.6		0.9			+	4.1	6.6	4.8	3.4
	H	12.51	38.3		0.7				6.8	10.1		
	Z	12.51	36.6		1.1				1.4	1.2		
03	A	14.04	35.0		0.8			+	5.6	18.7	4.3	3.5
	H	14.04	34.1		0.7			+	14.4	18.1		
	Z	14.04	35.1		0.9			-	0.9	0.9		
03	A	15.40	40.4		0.7			+	5.1	3.6	3.0	3.5
	H	15.40	40.8		1.3			+	4.9	7.5		
	Z	15.40	40.2		0.5			-	8.1	9.6		
03	A	17.20	07.9		0.8			-	70.0	19.7	3.0	4.3
	H	17.20	07.9		0.6			-	16.6	20.1		
	Z	17.20	08.4		0.8			-	1.4	4.3		
03	A	18.53	14.4		0.5			+	6.4	6.2	3.1	3.1
	H	18.53	14.5		0.9			+	2.4	3.2		
	Z	18.53	14.7		0.7			-	0.8	1.9		
03	A	19.04	13.6		0.7			+	6.0	6.6	4.1	3.2
	H	19.04	12.9		0.7				7.0	10.6		
	Z	19.04	13.7		1.0			-	0.6	1.0		
03	A	20.21	09.0		0.8			-	2.1	1.2	3.9	3.1
	H	20.21	08.8		1.3			+	1.6	2.1		
	Z	20.21	08.2		0.6				3.5	4.4		
03	A	21.18	52.9		0.7			+	9.3	9.5	4.1	3.6
	H	21.18	52.3		0.7				7.2	13.1		
	Z	21.18	53.1		1.0			-	2.8	2.4		
03	A	21.54	36.9		0.9			-	2.2	2.6	1.3	3.0
	H	21.54	37.0		1.4			-	1.4	0.9		
	Z	21.54	36.0		0.4			-	3.8	2.0		
03	A	22.33	20.1		0.9			+	11.4	13.3	5.2	3.7
	H	22.33	19.6		0.8				14.2	15.8		
	Z	22.33	20.4		1.0				1.3	2.2		
03	A	22.34	45.5		1.1			+	3.2	2.0	5.1	3.2
	H	22.34	44.4		1.0			-	3.9	3.2		
	Z	22.34	45.0		0.9				1.4	1.2		
03	A	23.11	07.1		0.8			+	2.0	2.4	1.7	2.9
	H	23.11	07.2		1.2			-	1.3	1.0		
	Z	23.11	06.5		0.3			-	5.6	6.0		
04	A	00.01	43.4		0.8			+	1.8	1.4	2.2	2.8
	H	00.01	43.3		1.1			-	1.1	0.8		
	Z	00.01	42.6		0.4				3.6	3.0		
04	A	00.04	36.2		0.6			+	1.5	1.0	2.4	2.7
	H	00.04	35.8		1.0			-	1.0	1.1		
	Z	00.04	35.6		0.4				1.1	3.4		
04	A	00.24	20.6		1.0				3.4	2.4	6.1	3.4
	H	00.24	20.8		1.5			+	2.0	4.5		
	Z	00.24	20.4		0.9				2.8	2.7		
04	A	00.41	37.2		0.6			+	1.3	1.2	2.2	2.7
	H	00.41	37.4		1.0			-	1.7	1.8		
	Z	00.41	37.0		0.4				4.2	2.5		
04	A	01.15	19.3		0.9			+	0.8	0.4	3.3	2.7
	H	01.15	19.0		1.1			-	0.7	1.0		
	Z	01.15	18.7		0.5				2.9	2.0		
04	A	02.15	04.9		0.8			+	9.4	7.0	3.1	3.7
	H	02.15	04.5		0.5				8.3	9.4		
	Z	02.15	05.3		1.1				2.8	1.6		
04	A	02.36	04.3		1.1			-	3.2	2.2	4.8	3.4
	H	02.36	04.2		1.2			-	5.6	10.6		
	Z	02.36	03.9		0.8				2.9	1.8		
04	A	02.39	17.4		0.7			+	2.0	1.1	1.4	2.9
	H	02.39	17.4		1.0			+	0.8	0.6		
	Z	02.39	14.7		0.3			-	5.0	4.0		
04	A	05.13	24.2		1.0			+	5.3	4.2	4.7	3.5
	H	05.13	24.0		0.8				15.8	22.6		
	Z	05.13	24.5		1.0				2.2	0.8		
04	A	07.35	26.3		0.3				1.9	1.4	3.2	2.8
	H	07.35	26.2		1.3			+	1.5	1.9		
	Z	07.35	25.2		0.6			+	2.6	2.4		
04	A	07.38	47.3		0.9			+	5.6	11.4	4.7	3.3
	H	07.38	47.1		0.8				8.7	9.6		
	Z	07.38	47.7		1.0				0.5	0.7		
04	A	08.37	03.0		1.0			-	14.6	23.2	4.4	4.1
	H	08.37	02.3		0.6			+	22.0	16.5		
	Z	08.37	03.6		1.2			-	2.9	1.7		
04	A	09.08	25.8		0.7			+	5.0	6.4	4.7	3.3
	H	09.08	26.1		1.1			+	2.4	3.8		
	Z	09.08	26.1		0.8			-	2.0	1.7		
04	A	09.22	05.8		1.0			+	3.2	7.8	5.1	3.8
	H	09.22	05.4		0.7			-	9.0	7.2		
	Z	09.22	05.8		1.2			-	3.6	3.3		

May, 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
04	A	10.31	15.6		0.7			+	3.9	3.3	2.4	3.2
	H	10.31	16.4		1.1			-	1.4	1.6		
	Z	10.31	15.6		0.4			-	6.2	4.8		
04	A	10.48	47.0		0.8						3.6	4.5
	H	10.48	47.1		1.1			-	15.7	15.2		
	Z	10.48	46.3		0.5			+	23.2	33.8		
04	A	10.50	07.4		0.8						3.5	4.3
	H	10.50	08.3		1.1			-	10.0	9.2		
	Z	10.50	07.9		0.5				11.2	29.4		
04	A	11.48	57.3		0.8			+	0.9	0.7	1.5	2.7
	H	11.48	57.2		0.9			-	0.8	1.0		
	Z	11.48	56.7		0.4				3.8	3.8		
04	A	12.02	47.0		0.7			+	0.3	0.2	2.9	2.2
	H	12.02	47.3		1.1			-	2.0	3.2		
	Z	12.02	46.6		0.4			-	3.0	3.0		
04	A	12.17	19.1		0.7			+	2.0	1.4	2.1	3.2
	H	12.17	19.3		0.9			-	1.6	2.0		
	Z	12.17	18.7		0.4				6.6	9.7		
04	A	12.27	32.8		0.7			+	2.5	1.3	3.1	3.0
	H	12.27	33.0		1.0			-	0.7	0.8		
	Z	12.27	32.6		0.5			-	4.6	5.3		
04	A	13.16	19.5		0.9			+	1.8	1.4	3.0	3.1
	H	13.16	19.6		1.1			-	0.6	0.5		
	Z	13.16	18.8		0.5				4.4	3.5		
04	A	14.31	43.3		0.3			+	47.3		2.0	4.0
	H	14.31	43.7		0.9			+	9.8	11.4		
	Z	14.31	43.9		0.8			-	8.7	5.8		
04	A	14.46	32.2		0.9			+	2.6		4.4	3.2
	H	14.46	32.5		1.3			-	1.7	1.8		
	Z	14.46	31.7		0.6			+	2.1	3.3		
04	A	16.26	23.6		1.1			+	3.2		3.8	3.1
	H	16.26	23.2		0.8			+	11.1	15.4		
	Z	16.26	23.9		1.0			-	0.8	1.0		
04	A	16.26	31.2		1.1			+	7.0		5.5	3.5
	H	16.26	30.8		0.9			+	11.9	18.0		
	Z	16.26	31.6		1.0			-	1.2	1.6		
04	A	16.30	02.5		1.0			+	5.1		3.5	3.5
	H	16.30	02.1		0.6			+	16.0	23.5		
	Z	16.30	02.7		1.0			-	2.7	2.0		
04	A	18.53	26.9		0.9			+	8.2		4.1	3.5
	H	18.53	26.6		0.7				8.4	13.6		
	Z	18.53	27.3		1.0			-	1.0	1.8		
04	A	21.07	31.9		0.8				1.0	0.8	0.5	2.5
	H	21.07	32.3		1.3			-	0.2	0.2		
	Z	21.07	31.3		0.3			-	2.7	3.0		
04	A	21.12	37.3		0.7			-	2.8	1.8	3.2	3.1
	H	21.12	37.8		1.2				1.4	1.4		
	Z	21.12	37.0		0.5			+	4.1	5.4		
04	A	21.36	44.1		0.6			+	4.5	3.6	3.6	3.3
	H	21.36	44.7		1.0				3.4	6.0		
	Z	21.36	44.3		0.6				2.5	4.4		
04	A	21.54	08.2		0.7			+	72.4	39.2	5.1	4.3
	H	21.54	08.6		1.1			+	7.8	14.4		
	Z	21.54	08.7		0.9			-	5.7	4.2		
04	A	22.41	18.0		0.8			+	4.7	4.4	0.8	3.3
	H	22.41	18.4		1.0			-	1.6	2.8		
	Z	22.41	17.7		0.3			-	7.7	8.2		
04	A	22.59	37.6		0.7			+	3.4	2.9	1.7	3.1
	H	22.59	38.0		1.0			-	2.4	3.3		
	Z	22.59	37.4		0.3				6.6	7.9		
04	A	23.06	34.0		0.7			+	3.2	2.6	2.0	3.3
	H	23.06	34.5		1.0				2.0	2.0		
	Z	23.06	33.5		0.4				12.2	13.4		
05	A	00.16	27.9		0.9			+	14.9	23.8	4.3	4.1
	H	00.16	27.7		0.7			+	8.8	17.0		
	Z	00.16	28.5		1.0			-	4.1	2.4		
05	A	00.17	09.3		1.0				2.8	1.8	5.2	3.2
	H	00.17	09.3		1.2			-	4.9	7.0		
	Z	00.17	09.0		0.8			+	2.3	1.6		
05	A	00.51	33.3		0.6			+	1.3	1.2	1.6	2.7
	H	00.51	33.6		1.0			-	0.8	0.8		
	Z	00.51	32.9		0.3			-	5.1	6.4		
05	A	01.58	21.2		0.8			+	5.8	7.6	4.0	3.5
	H	01.58	20.3		0.7			-	7.1	7.6		
	Z	01.58	21.0		0.9				3.0	2.8		
05	A	03.02	54.7		1.0			+	3.6	2.0	5.4	3.3
	H	03.02	54.8		1.1			-	2.4	4.0		
	Z	03.02	54.6		0.8				0.7	2.4		
05	A	03.42	05.0		0.8			-	2.0	1.8	1.1	2.7
	H	03.42	05.5		1.4			-	2.7	2.7		
	Z	03.42	04.7		0.4				0.9	2.2		
05	A	04.11	10.2		0.7			+	11.9	13.8	4.9	3.5
	H	04.11	10.6		0.9			+	1.4	1.7		
	Z	04.11	10.5		0.9				1.2	1.6		
05	A	05.09	01.3		1.0			+	3.7	6.9	5.3	3.7
	H	05.09	01.0		1.0				4.3	7.0		
	Z	05.09	01.2		0.9				4.0	1.2		
05	A	06.32	03.4		0.8			-	1.3	1.5	3.0	2.9
	H	06.32	04.0		1.2				1.5	1.4		
	Z	06.32	02.9		0.4			+	4.6	5.5		
05	A	07.57	07.1		1.0			-	3.3	2.1	5.6	3.6
	H	07.57	06.6		0.9			-	1.6	5.8		
	Z	07.57	06.3		1.0			+	5.4	3.1		
05	A	10.45	02.9		1.0			+	3.6	4.9	1.7	3.8
	H	10.45	02.9		1.1			-	3.2	5.6		
	Z	10.45	02.5		0.6				4.0	12.0		
05	A	11.09	13.6		0.8			-	11.9	7.5	4.1	3.5
	H	11.09	13.7		1.0				5.0	4.5		
	Z	11.09	14.1		1.3			-	0.9	0.8		
05	A	11.42	21.3		1.4			+	15.3	13.4	5.8	4.2
	H	11.42	20.6		1.0			+	17.2	20.8		
	Z	11.42	21.4		1.3			+	3.6	2.4		
05	A	12.55	09.3		0.9			+	79.2	27.8	5.0	4.5
	H	12.55	09.1		0.8				38.4	38.8		
	Z	12.55	09.9		1.0			-	3.2	6.0		
05	A	14.37	21.7		0.8				1.3	0.6	3.8	2.5
	H	14.37	21.7		0.9			-	0.6	0.9		
	Z	14.37	21.4		0.6				0.6	0.8		
05	A	16.07	37.8		0.7			-	9.1	4.4	2.9	3.4
	H	16.07	37.3		0.5			+	11.8	10.8		
	Z	16.07	38.7		1.1			+	0.5	1.5		
05	A	21.06	12.8		1.0				2.1	1.7	3.5	3.0
	H	21.06	12.8		1.1			-	3.4	2.8		
	Z	21.06	12.4		0.6			+	2.0	2.6		
05	A	21.25	24.4		0.9			-	13.5	6.5	4.4	3.4
	H	21.25	23.7		0.6			+	8.2	11.2		
	Z	21.25	24.7		1.2			+	0.4	0.6		
05	A	22.08	55.0		0.7			-	13.4	8.0	5.0	3.6
	H	22.08	55.3		1.1			+	5.2	3.6		
	Z	22.08	55.2		0.8			-	2.7	1.2		
05	A	22.12	00.8		0.7			+	8.7	5.4	5.2	3.6
	H	22.12	01.7		1.1			+	4.2	4.7		
	Z	22.12	01.5		0.8			+	4.6	3.8		
05	A	22.56	45.1		0.8			+	12.6	8.8	4.5	3.6
	H	22.56	44.8		0.7				4.7	5.0		
	Z	22.56	45.3		1.0			-	0.9	1.5		
05	A	23.35	49.8		1.3			+	3.0	2.4	8.1	3.1
	H	23.35	50.4		1.8			+	1.9	2.0		
	Z	23.35	49.6		1.2			+	0.3	0.6		
06	A	00.21	34.0		0.6			+	2.0	1.8	2.2	2.8
	H	00.21	34.4		0.9				2.7	3.2		
	Z	00.21	33.7		0.4			-	4.0	1.8		
06	A	02.56	27.0		0.7			+	12.8	19.0	4.8	3.8
	H	02.56	27.6		1.1			+	2.5	2.4		
	Z	02.56	27.4		0.8			-	3.6	2.5		
06	A	03.16	46.8		0.9			+	17.5	18.4	4.6	4.1
	H	03.16	46.5		0.9				17.2	18.2		
	Z	03.16	47.1		0.8			-	5.6	6.4		
06	A	03.16	52.7		0.9			+	6.9	13.1	5.2	3.6
	H	03.16	52.4		0.9			-	12.2	19.9		
	Z	03.16	52.8		0.9			-	1.9	1.3		
06	A	03.17	49.4		1.0			+	20.8	13.1	5.6	3.9
	H	03.17	48.9		0.8			+	10.2	13.0		
	Z	03.17	49.6		1.1			-	1.8	1.9		
06	A	04.28	46.8		0.9			+	2.1	2.2	4.4	2.8
	H	04.28	46.5		0.8			-	5.4	7.6		
	Z	04.28	46.7		0.9				0.6	0.6		
06	A	04.59	11.4		1.0			+	45.6	33.5	6.6	4.7
	H	04.59	11.4		1.1			+	20.0	22.4		
	Z	04.59	11.8		1.0			+	9.8	14.1		

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

53

May, 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
06	A	07.55	45.1		1.1			+	12.4	5.0		
	H	07.55	44.3		0.9			+	6.2	8.8	6.1	3.6
	Z	07.55	45.2		1.3				0.5	0.9		
06	A	08.37	16.7		0.9			+	12.2	4.5		
	H	08.37	16.4		0.8			-	6.0	4.4	5.4	3.4
	Z	08.37	16.9		1.3			-	0.2	0.6		
06	A	08.50	56.7		0.9			-	2.5	1.9		
	H	08.50	57.4		1.3			-	1.2	1.2	2.7	3.2
	Z	08.50	56.1		0.4				6.2	5.2		
06	A	09.08	59.2		0.9			+	2.0	3.4		
	H	09.08	58.6		0.6				4.9	3.4	2.7	3.3
	Z	09.08	59.3		0.8				2.8	1.0		
06	A	11.08	59.6		0.8			-	33.2	16.4		
	H	11.08	59.2		0.6			+	40.4	30.6	3.6	4.2
	Z	11.09	00.1		1.2			-	4.2	4.0		
06	A	11.09	22.0		0.8			-	5.6	4.8		
	H	11.09	21.5		0.6				8.6	8.2	3.9	3.3
	Z	11.09	22.4		1.1				0.8	1.4		
06	A	11.49	25.4		1.1			+	12.3	4.0		
	H	11.49	24.8		0.6				8.0	10.4	3.4	3.8
	Z	11.49	25.6		1.2			-	1.6	2.0		
06	A	13.15	53.8		0.9			-	3.2	8.9		
	H	13.15	53.4		0.9			-	8.7	9.2	5.1	3.7
	Z	13.15	53.8		0.9			+	4.0	2.1		
06	A	14.01	04.9		0.7			-	23.8	12.0		
	H	14.01	05.2		0.9			-	5.8	5.7	4.5	3.5
	Z	14.01	05.3		0.8			-	0.8	1.0		
06	A	16.04	00.5		0.8			+	50.6			
	H	16.04	00.1		0.7			-	22.8	27.4	3.7	4.5
	Z	16.04	00.6		0.8			-	6.2	10.5		
06	A	18.56	23.5		1.0			+	1.6			
	H	18.56	23.7		1.1			+	2.7	4.5	4.9	3.2
	Z	18.56	23.1		0.8				3.1	3.8		
06	A	19.06	01.3		0.8			+	40.0			
	H	19.06	01.1		0.7			+	19.3	29.4	4.2	4.4
	Z	19.06	01.5		0.9			-	6.8	9.1		
06	A	19.08	15.3		1.0			+	87.0			
	H	19.08	15.1		0.7			+	39.8	26.2	2.8	4.6
	Z	19.08	15.2		0.9			-	11.6	21.8		
06	A	19.09	10.2		0.7			-	6.0			
	H	19.09	09.8		0.6			-	6.5	8.4		
	Z	19.09	10.2		0.4			-	0.8	0.6	2.7	
06	A	19.09	29.8		0.6			+	7.5			
	H	19.09	29.7		0.6				18.3	15.6	3.2	3.0
	Z	19.09	30.2		0.9				0.8	0.6		
06	A	19.12	47.8		0.9			+	4.5			
	H	19.12	47.0		0.7			+	11.9	7.2	4.6	3.3
	Z	19.12	47.7		1.0			-	1.8	1.7		
06	A	19.16	43.9		0.6			+	13.7			
	H	19.16	43.9		0.7			-	15.8	19.2	2.9	3.4
	Z	19.16	44.1		0.7			-	1.6	1.8		
06	A	19.17	15.0		0.6			-	2.8			
	H	19.17	14.9		0.7			-	2.4	3.2	3.0	2.9
	Z	19.17	15.1		0.7			-	0.8	1.7		
06	A	19.23	23.7		1.5			+	1.0			
	H	19.23	23.9		1.5			+	1.4	2.3	9.8	3.2
	Z	19.23	22.7		1.5				1.4	0.8		
06	A	19.44	24.9		1.0			+	6.8			
	H	19.44	24.2		0.7			-	10.8	10.9	3.9	3.7
	Z	19.44	24.9		1.0			+	4.1	2.1		
06	A	19.52	46.0		0.7			-	26.0	18.4		
	H	19.52	45.9		0.7			-	19.6	19.7	3.8	3.9
	Z	19.52	46.0		0.8			-	2.2	3.4		
06	A	20.12	05.2		0.7			-	6.0	8.3		
	H	20.12	05.9		1.4			+	3.3	4.2	4.2	3.5
	Z	20.12	05.4		0.8				3.0	2.4		
06	A	20.12	30.8		0.7				7.6	6.0		
	H	20.12	31.5		1.3				1.9	2.9	4.4	3.2
	Z	20.12	30.9		0.7			+	1.3	1.3		
06	A	20.31	48.5		0.7			+	15.9	22.3		
	H	20.31	48.1		0.8			-	24.0	20.1	3.6	3.6
	Z	20.31			0.7			-	1.8	1.2		
06	A	20.52	09.8		0.8			+	5.0	7.1		
	H	20.52	09.6		0.9			-	11.6	10.8	4.6	3.5
	Z	20.52	09.9		0.8			-	2.7	1.6		
06	A	21.27	51.8		0.8			+	6.5	4.8		
	H	21.27	51.7		0.6			-	7.2	6.1	2.6	3.5
	Z	21.27	52.0		0.8			-	3.9	2.2		
06	A	21.35	10.5		0.9			+	6.2	10.6		
	H	21.35	10.3		0.8				8.2	14.6	5.2	3.5
	Z	21.35	10.9		1.0			-	1.0	1.2		
06	A	21.38	10.1		1.0			+	3.4	2.3		
	H	21.38	10.2		1.2			-	6.2	8.2	4.9	3.5
	Z	21.38	09.6		0.7			+	6.6	7.2		
07	A	01.18	58.5		1.0			+	2.5	5.1		
	H	01.18	58.0		0.8			+	8.8	10.5	5.2	3.3
	Z	01.18	59.8		1.1				0.9	1.0		
07	A	02.05	20.8		1.0			-	4.6	4.0		
	H	02.05	21.1		0.8			-	2.4	2.0		3.4
	Z	02.05	20.0		0.4			+	4.5	5.8		
07	A	02.18	52.5		1.1				5.1	2.4		
	H	02.18	52.3		0.9				0.9	1.9	5.7	3.3
	Z	02.18	52.3		1.1			+	1.1	0.9		
07	A	06.06	08.9		1.0			-	4.6	4.0		
	H	06.06	09.3		1.3			-	1.0	1.0	2.4	3.2
	Z	06.06	08.2		0.5			+	2.5	3.1		
07	A	07.06	57.4		0.8				11.4	4.3		
	H	07.06	57.9		1.3				7.2	10.4	3.3	3.8
	Z	07.06	57.2		0.5				9.7	8.0		
07	A	08.30	12.4		0.7			-	3.4	2.5		
	H	08.30	13.1		1.2			-	1.6	2.3	3.4	3.0
	Z	08.30	12.2		0.6				0.9	2.6		
07	A	09.10	30.9		1.1			+	27.1	28.2		
	H	09.10	31.5		1.6			+	17.8	13.1	6.3	4.3
	Z	09.10	30.9		0.9			+	6.8	6.2		
07	A	11.09	59.4		0.8			-	1.3	1.0		
	H	11.10			1.2			-	1.0	1.0	4.0	2.8
	Z	11.10	00.2		0.6				2.8	2.5		
07	A	11.24	46.9		1.1			-	3.5			
	H	11.24	46.4		0.8			-	4.4	3.2	5.1	3.0
	Z	11.24	46.9		1.1				0.5	0.6		
07	A	12.07	14.1		0.5			+	3.9	2.6		
	H	12.07	14.6		1.0			+	1.4	2.0	2.8	2.8
	Z	12.07	14.2		0.5			-	0.6	1.9		
07	A	12.58	58.6		1.1			-	3.2	6.7		
	H	12.58	58.5		1.1			+	6.4	6.6	6.8	3.7
	Z	12.58	58.7		1.1			+	3.4	3.0		
07	A	13.07	29.1		0.7			-	10.7	5.5		
	H	13.07	29.4		0.8			-	3.8	4.6	4.3	3.2
	Z	13.07	29.5		0.9			-	0.7	0.9		
07	A	14.06	29.2		0.7			+	4.2	3.0		
	H	14.06	29.7		1.2			+	2.6	4.0	3.4	3.3
	Z	14.06	29.1		0.5			-	5.6	7.4		
07	A	14.23	51.0		0.7				10.4	7.8		
	H	14.23	51.5		0.8				1.0	1.6	4.1	3.1
	Z	14.23	51.3		0.9				0.4	0.6		
07	A	15.55	12.3		0.7			-	3.3	2.3		
	H	15.55	12.9		1.3			+	1.1	1.4	3.7	2.9
	Z	15.55	11.9		0.6			+	1.0	1.7		
07	A	17.44	38.1		1.1			+	4.8	3.6		
	H	17.44	38.3		1.1			-	3.2	3.9	6.3	3.6
	Z	17.44	38.1		1.0			+	3.6	1.2		
07	A	18.05	30.5		0.8				0.9	1.0		
	H	18.05	31.1		1.2				0.5	0.8	2.6	2.6
	Z	18.05	29.8		0.4							

May, 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
08	A	00.01	08.3		0.9				80.7	39.5		
	H	00.01	08.0		0.8				36.4	39.1	4.9	4.7
	Z	00.01	08.8		1.2				4.4	6.9		
08	A	00.17	16.5		1.1			+	5.1	3.4		
	H	00.17	16.3		1.0			-	7.8	6.7	5.6	3.7
	Z	00.17	16.3		1.0				3.5	2.3		
08	A	02.28	17.0		1.2				16.4	7.0		
	H	02.28	16.4		0.8			+	8.5	8.1	4.7	4.1
	Z	02.28	17.1		1.2			-	3.2	2.4		
08	A	02.29	37.0		1.2				5.7	6.3		
	H	02.29	37.3		0.7			+	3.7	5.2	3.7	3.4
	Z	02.29	38.2		1.2				0.9	0.7		
08	A	03.33	22.3		0.9			-	2.0	1.5		
	H	03.33	23.0		1.4				1.5	1.8	3.2	2.8
	Z	03.33	22.0		0.5			+	1.0	1.9		
08	A	03.49	23.6		0.9			-	10.5	4.8		
	H	03.49	23.7		1.1			+	4.6	4.6	6.9	3.5
	Z	03.49	24.0		1.4			-	0.6	0.7		
08	A	04.57	20.1		0.9				2.6	1.2		
	H	04.57	20.0		0.9				1.3	1.8	1.9	2.8
	Z	04.57	19.8		0.5				0.8	1.7		
08	A	04.57	40.0		1.3			+	3.7	4.6		
	H	04.57	39.5		0.9			+	8.0	8.7	5.2	3.4
	Z	04.57	40.1		1.2				0.9	0.9		
08	A	05.06	17.8		0.8			+	8.6	7.8		
	H	05.06	17.6		0.6			-	15.5	19.4	1.9	3.5
	Z	05.06	17.9		0.7			-	2.7	3.1		
08	A	06.19	17.4		0.8				5.0	3.8		
	H	06.19	17.1		0.9				7.4	9.2	1.1	2.8
	Z	06.19	17.9		0.5				0.7	1.0		
08	A	10.41	03.8		0.9			+	6.0	8.6		
	H	10.41	03.8		0.8			+	4.1	8.6	4.7	3.2
	Z	10.41	04.2		1.0			-	0.6	0.6		
08	A	12.42	58.5		0.6			-	24.4	6.8		
	H	12.42	59.4		0.8				9.4	10.6	3.2	4.1
	Z	12.42	58.9		0.7				4.6	10.4		
08	A	15.30	34.0		0.7			+	18.2	8.6		
	H	15.30	34.3		0.9				3.0	2.9	4.5	3.4
	Z	15.30	34.7		1.0				0.5	11.0		
08	A	15.32	52.5		4.7				31.9	11.0		
	H	15.32	53.1		1.0				4.3	3.8	5.0	3.8
	Z	15.32	53.2		0.9				1.0	1.6		
08	A	15.35	50.1		1.2				5.4	5.3		
	H	15.35	50.0		1.0			-	6.9	6.4	5.5	3.6
	Z	15.35	50.2		1.0				3.2	2.5		
08	A	15.36	39.6		0.5			+	4.7	7.0		
	H	15.36	39.0		0.9				4.3	8.5	3.6	3.3
	Z	15.36	39.4		0.9				2.4	0.9		
08	A	17.25	25.5		1.2			+	3.2	5.3		
	H	17.25	25.2		0.9			+	3.5	2.4		
	Z	17.25	25.9		0.7				2.6	1.3	3.4	
08	A	18.20	23.1		1.0			+	1.6	1.0		
	H	18.20	23.4		1.2			-	2.0	2.6	5.6	3.1
	Z	18.20	23.1		0.8				3.1	1.2		
08	A	18.41	59.0		1.1				5.0	3.6		
	H	18.41	58.9		1.1			-	5.9	7.4	6.4	3.6
	Z	18.41	58.9		1.0				3.2	1.3		
08	A	19.32	09.1		0.9			-	8.0	6.2		
	H	19.32	09.9		1.2				0.9	1.4	6.0	3.6
	Z	19.32	08.5		1.0				3.2	1.5		
08	A	19.39	34.7		0.9			+	3.3	2.5		
	H	19.39	33.6		0.9				1.7	3.8	5.0	3.4
	Z	19.39	33.9		0.9				3.7	1.3		
08	A	21.31	39.6		0.6			+	5.2	3.6		
	H	21.31	40.2		0.8				0.6	0.4	3.8	2.7
	Z	21.31	40.0		0.8				0.4	0.3		
08	A	22.20	14.4		1.1			+	4.7	6.5		
	H	22.20	13.8		0.9			+	7.1	6.3	6.1	3.7
	Z	22.20	14.5		1.2			+	2.6	1.0		
08	A	22.57	43.0		0.8				0.7	0.8		
	H	22.57	43.6		1.2			-	1.0	1.0	3.3	2.4
	Z	22.57	42.5		0.5				1.5	0.9		
08	A	23.55	16.7		0.8			-	8.5	4.7		
	H	23.55	17.7		1.5				6.5	7.2	2.3	3.7
	Z	23.55	16.3		0.5			+	6.9	8.2		
09	A	01.22	25.4		1.0							
	H	01.22	25.5		1.2							
	Z	01.22	25.0		0.8							
09	A	03.49	09.0		1.3							
	H	03.49	09.6		1.8							
	Z	03.49	08.7		0.7			+				
09	A	04.56	39.4		0.7							
	H	04.56	40.0		1.1			-				
	Z	04.56	39.3		0.5							
09	A	07.56	35.8		1.0							
	H	07.56	35.5		0.7			+				
	Z	07.56	35.9		1.0							
09	A	12.09	51.6		0.8							
	H	12.09	52.4		1.5							
	Z	12.09	51.2		0.7							
09	A	12.47	49.6		0.6							
	H	12.47	48.5		0.7							
	Z	12.47	50.1		0.7							
09	A	12.16	01.7		0.5							
	H	12.16	02.2		0.9			-				
	Z	12.16	01.3		0.3			-				
09	A	12.57	07.6		0.9			+				
	H	12.57	07.6		0.7			+				
	Z	12.57	07.8		0.9			-				
09	A	13.45	25.7		0.9			+				
	H	13.45	25.4		0.9			+				
	Z	13.45	25.9		1.1							
09	A	13.59	05.4		0.6							
	H	13.59	06.2		1.0			-				
	Z	13.59	05.7		0.3							
09	A	14.00	11.0		0.9			+				
	H	14.00	10.6		0.7			+				
	Z	14.00	11.2		1.0			-				
09	A	14.28	53.6		0.7			-				
	H	14.28	54.3		1.2			-				
	Z	14.28	53.4		0.6							
09	A	14.46	47.7		0.6			-				
	H	14.46	48.1		1.0			-				
	Z	14.46	47.5		0.4			+				
09	A	14.58	17.8		1.0							
	H	14.58	18.7		1.1							
	Z	14.58	18.2		0.7			+				
09	A	15.07	00.1		0.9			+				
	H	15.07	00.0		0.9			+				
	Z	15.07	00.0		1.2							
09	A	15.39	37.4		0.6			+				
	H	15.39	37.1		0.5			+				
	Z	15.39	37.7		1.1			+				
09	A	16.06	29.1		0.7			+				
	H	16.06	28.9		0.8			+				
	Z	16.06	29.5		1.1			-				
09	A	16.33	06.1		0.7							
	H	16.33	06.3		1.1			-				
	Z	16.33	05.7		0.5							
09	A	18.07	18.8		0.6			+				
	H	18.07	19.6		0.5			-				
	Z	18.07	19.2		0.7			-				
09	A	18.10	47.2		0.9							
	H	18.10	46.9		0.8							
	Z	18.10	47.4		1.0							
09	A	18.16	29.3		0.6			-				
	H	18.16	30.1		1.3			+				
	Z	18.16	29.2		0.6			+				
09	A	19.03	42.8		0.9			+				
	H	19.03	42.7		0.9			-				
	Z	19.03	43.1		0.8			+				
09	A	19.04	28.3		0.5			+				
	H	19.04	29.4		1.0			-				
	Z	19.04	28.3		0.4			+				
09	A	19.07	50.8		0.7							
	H	19.07	51.6		0.9			+				
	Z	19.07	50.7		0.7			+				
09	A	19.11	30.3		0.7</							

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

55

May. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude		Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S						E	N	U		E-W	N-S					
09	A H Z	20.07 20.07 20.07	44.2 44.1 44.9		0.7 0.6 1.1			-	5.7 9.0 0.4	2.0 7.7 0.7	2.9	3.0		11	A H Z	02.00 02.00 02.00	30.5 30.6 30.6	0.3 0.6 0.7				4.6 2.6 0.2	3.6 3.6 0.3	0.5	2.2	
09	A H Z	23.11 23.11 23.11	07.5 07.9 07.1		1.0 1.2 0.6			-	1.5 1.3 3.8	1.0 1.9 1.6	3.3	3.1		11	A H Z	03.39 03.39 03.39	42.5 42.5 42.1	0.8 0.9 0.7			-	2.2 2.0 0.3	3.1 3.1 0.4	4.0	2.5	
09	A E Z	23.25 23.25 23.25	42.8 43.4 42.6		0.4 0.9 0.4			+	0.4 0.3 0.9	0.3 0.3 0.6	1.5	1.7		11	A H Z	04.34 04.34 04.34	29.9 29.6 30.2	0.8 0.6 1.0			+	3.7 4.1 0.7	8.2 8.2 0.8	4.0	3.1	
09	A H Z	23.43 23.43 23.43	47.9 47.5 47.6		1.0 0.9 0.9			+	4.3 4.4 5.8	2.5 4.8 4.8	4.5	3.6		11	A H Z	05.04 05.04 05.04	03.1 03.6 02.9	0.6 1.1 0.5			-	0.2 0.3 0.5	0.4 0.4 0.6	3.1	1.6	
09	A H Z	23.48 23.48 23.48	21.1 21.3 21.2		0.6 1.0 0.8			+	2.4 2.5 2.6	2.2 2.6 0.4	4.3	3.0		11	A H Z	05.51 05.51 05.51	15.9 15.8 17.1	0.7 0.6 0.6				10.5 8.4 0.4	8.0 8.0 0.8		2.9	
10	A H Z	01.27 01.27 01.27	47.1 47.6 47.0		0.7 1.0 0.6			-	3.8 2.6 3.4	3.0 3.5 3.4	3.6	3.1		11	A H Z	05.59 05.59 05.59	27.4 27.5 27.0	0.5 1.0 0.5			+	2.5 1.1 1.5	1.5 1.3 1.1	3.0	2.7	
10	A H Z	01.28 01.28 01.28	10.7 10.5 10.6		0.9 0.9 1.0			+		2.1 3.0 0.8	5.6	2.8		11	A H Z	06.01 06.01 06.01	14.5 14.7 14.0	0.6 1.1 0.5			-	2.4 0.6 0.8	2.0 2.0 0.8	3.1	2.5	
10	A H Z	01.34 01.34 01.34	05.5 05.1 05.6		0.7 0.9 1.0					1.6 5.1 0.2	4.5	2.4		11	A H Z	06.08 06.38 06.38	57.9 57.7 58.1	0.7 0.8 0.7				1.4 3.4 1.0	2.4 5.2 0.8	3.7	2.8	
10	A H Z	02.26 02.26 02.26	43.0 43.9 42.2		1.1 0.9 0.6				1.0 2.0 0.4	1.3 1.5 0.4		2.3		11	A H Z	06.41 06.41 06.41	35.2 34.9 35.1	0.9 0.7 0.7			+	1.0 3.2 1.1	3.0 2.6 0.7	1.1	3.0	
10	A H Z	02.27 02.27 02.27	47.2 47.7 47.1		1.0 1.4 0.9				8.5 5.4 4.0	3.8 8.5 5.8	6.4	3.8		11	A H Z	06.52 06.52 06.52	38.2 38.2 38.2	0.6 0.7 0.9			+	3.2 5.4 3.3	7.3 10.9 1.7	3.3	3.5	
10	A H Z	02.42 02.42 02.42	32.6 32.8 32.1		1.0 1.1 0.6			-	2.8 3.1 2.1	3.3 4.0 1.8	3.7	3.1		11	A H Z	07.19 07.19 07.19	22.7 22.2 20.7	0.7 1.0 0.6			+	1.8 1.2 0.6	1.8 0.7 0.8	4.0	2.6	
10	A H Z	04.16 04.16 04.16	36.5 36.7 36.6		0.9 0.8 1.0			+		9.2 24.4 6.0	5.1	4.2		11	A H Z	08.00 08.00 08.00	51.3 51.3 50.3	0.7 1.0 0.3			+	1.6 0.8 4.4	1.0 0.8 6.0	1.5	2.8	
10	A H Z	04.30 04.30 04.30	16.8 16.3 17.1		0.9 0.7 1.2			+	8.6 4.8 0.4	1.0 5.0 0.6	4.8	3.2		11	A H Z	09.10 09.10 09.10	13.4 12.8 12.9	0.9 0.7 1.0				6.4 7.6 0.9	9.7 9.7 1.0	4.2	3.2	
10	A H Z	06.38 06.38 06.38	23.1 23.9 23.8		0.7 1.1 1.0			-	6.1 1.6 1.2	6.8 2.2 0.7	5.4	3.2		11	A H Z	09.19 09.19 09.19	37.3 36.9 37.0	0.6 0.6 0.9			+	9.6 7.2 1.0	13.7 12.8 1.0	3.0	3.4	
10	A H Z	08.50 08.50 08.50	18.2 18.4 17.9		1.1 1.3 0.9				2.0 2.6 0.8	1.0 4.1 0.6	6.3	2.9		11	A H Z	11.17 11.17 11.17	52.2 52.9 52.1	0.9 0.7 0.9			-	6.4 7.2 0.9	10.0 7.6 2.1	4.2	3.6	
10	A H Z	08.51 08.51 08.51	33.8 33.7 34.0		1.0 0.7 1.1				8.5 6.0 1.6	7.8 4.7 1.4	4.3	3.5		11	A H Z	12.19 12.19 12.19	43.9 44.7 43.8	0.7 1.1 0.5			+	2.1 1.0 2.3	1.8 2.1 2.1	3.6	2.8	
10	A H Z	08.55 08.55 08.55	44.8 45.7 44.4		0.9 1.1 0.5			-		12.0 5.3 5.4	3.4	3.6		11	A H Z	12.53 12.53 12.53	12.6 12.8 12.2	1.0 1.2 0.7			-	2.4 2.8 2.8	2.2 4.0 1.3	5.1	3.2	
10	A H Z	09.08 09.08 09.08	38.4 38.5 38.0		1.1 1.2 0.9			-	1.9 3.4 0.8	1.3 6.0 1.8	6.2	3.1		11	A H Z	15.31 15.31 15.31	52.9 53.0 52.4	1.2 2.0 0.9			-	0.8 2.0 2.3	1.0 3.1 2.6	5.8	3.2	
10	A H Z	11.13 11.13 11.13	47.4 47.6 47.1		0.9 0.9 0.6				1.6 0.8 1.4	0.7 0.9 1.3	2.0	2.6		11	A H Z	15.34 15.34 15.34	56.1 56.2 55.7	1.0 1.1 0.8			-	3.1 4.6 3.8	3.5 6.5 2.0	5.6	3.4	
10	A H Z	11.31 11.31 11.31	16.9 17.0 17.2		0.6 0.7 0.5			-	4.6 0.9 2.7	0.8 1.8 2.3	1.2	3.0		11	A H Z	19.00 19.00 19.00	14.1 14.2 14.5	1.0 0.9 1.0			-	4.3 8.0 0.2	4.1 7.2 0.3	5.8	2.9	
10	A H Z	20.21 20.21 20.21	35.2 35.1 35.0		1.0 0.8 0.9			-	0.9 1.4 1.1		3.7	2.9		11	A H Z	19.14 19.14 19.14	44.8 44.6 45.2	1.0 0.8 1.0			+	3.6 3.6 0.7	4.8 6.0 0.6	5.3	3.1	
10	A H Z	22.05 22.05 22.05	30.2 29.9 29.9		1.0 1.0 1.0			-	1.1 2.8 1.4		5.8	3.1		11	A H Z	21.43 21.43 21.43	22.1 22.5 21.8	0.8 1.0 0.5			+	4.7 3.3 4.6	5.7 3.2 2.8	3.3	3.2	
11	A H Z	00.54 00.54 00.54	48.9 49.1 48.2		0.6 0.8 0.8				1.1 0.2 1.5					11	A H Z	22.23 22.23 22.23	58.9 59.2 58.3	0.3 0.9 0.4			+	2.4 2.2 7.5	4.7 2.5 8.2	1.2	3.0	
11	A H Z	00.55 00.55 00.55	31.9 31.6 32.0		0.7 0.5 1.1			+	7.2 10.0 1.0		2.6	3.2		11	A H Z	22.33 22.33 22.33	13.4 13.7 12.9	0.8 1.0 0.4			-	1.4 1.1 3.8	1.5 1.5 2.8	2.0	2.8	
11	A H Z	01.19 01.19 01.19	25.2 25.7 25.7		0.5 0.9 1.0			+	10.6 1.7 0.9		3.7	3.2		11	A H Z	22.42 22.42 22.42	10.9 10.5 10.3	0.8 1.0 0.9			+	7.0 1.3 1.0	9.0 3.2 6.2	5.4	3.2	

May, 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
11	A	23.50	12.1		1.0			+	7.2	5.7	6.2	3.8
	H	23.50	12.3		1.2			-	7.0	10.6		
	Z	23.50	11.8		0.9				3.8	5.8		
12	A	00.38	56.4		0.8			-	4.2	3.0	4.8	3.2
	H	00.38	56.5		1.2			-	8.4	13.8		
	Z	00.38	56.5		0.7				2.8	1.7		
12	A	00.51	07.4		0.9			+	2.2	2.5	3.0	
	H	00.51	08.2		1.9			+	1.7	2.5		
	Z	00.51	07.7						2.7	1.6		
12	A	01.00	38.7		0.3			-	4.7	5.8	1.9	2.6
	H	01.00	39.4		0.8			+	8.8	11.8		
	Z	01.00	38.9		0.6				0.8	1.0		
12	A	01.02	24.2		0.5			+	26.8		3.1	4.0
	H	01.02	24.8		1.0			+	7.5	7.8		
	Z	01.02	24.5		0.8				8.8	8.6		
12	A	01.16	19.5		0.4			-	9.6	4.9	2.0	3.0
	H	01.16	20.0		0.8			-	5.0	7.8		
	Z	01.16	19.5		0.5				0.8	2.1		
12	A	01.17	46.8		0.6			+	16.9	2.7	3.9	3.6
	H	01.17	47.5		1.0			+	3.2	5.4		
	Z	01.17	47.1		0.7				3.2	2.6		
12	A	01.41	27.8		0.5			+	17.6	9.9	3.1	3.4
	H	01.41	28.5		0.9			-	11.9	14.8		
	Z	01.41	28.1		0.6				3.4	3.2		
12	A	02.41	53.8		0.6			+	9.5	7.4	3.9	3.1
	H	02.41	53.8		0.9			+	3.5	3.7		
	Z	02.41			0.9				0.8	0.6		
12	A	10.53	57.2		0.7			+	2.7	6.1	3.4	3.0
	H	10.53	57.1		0.7				4.3	6.5		
	Z	10.53	57.4						0.8	1.2		
12	A	11.17	02.9		1.0			+	1.8	1.7	5.3	2.8
	H	11.17	02.5		0.9				6.1	9.4		
	Z	11.17	02.8		1.0			+	0.8	0.6		
12	A	11.35	22.4		0.9			+	3.4	5.5	4.4	3.1
	H	11.35	21.9		0.9			-	4.9	7.8		
	Z	11.35	22.5		0.8				1.0	0.8		
12	A	12.44	37.0		0.9			-	1.2	2.4	5.2	2.9
	H	12.44	36.9		0.9				1.3	2.6		
	Z	12.44	37.1		0.9				1.1	0.4		
12	A	12.58	03.3		0.6				3.4		3.0	2.9
	H	12.58	04.2		1.0			+	1.2	2.4		
	Z	12.58	03.6		0.4				2.3	1.9		
12	A	12.59	28.6		0.7			+	12.3	11.9	2.4	3.6
	H	12.59	29.5		1.2			+	8.9	14.6		
	Z	12.59	28.9		0.4			-	6.4	5.4		
12	A	13.02	09.8		0.6				3.1	2.8	3.5	2.6
	H	13.02	10.9		1.1				0.6	1.6		
	Z	13.02	10.1		0.6			-	0.7	0.6		
12	A	13.29	07.3		0.3			+	7.9		1.3	2.6
	H	13.29	08.1		0.9				2.4	2.3		
	Z	13.29	08.0		0.5				0.4	0.9		
12	A	13.31	01.2		0.4				4.6		2.7	2.5
	H	13.31	01.9		1.0				2.6	3.1		
	Z	13.31	01.6		0.6			-	0.4	0.8		
12	A	13.31	17.3		0.9			-	3.1		2.1	3.2
	H	13.31	17.8		1.3				2.4	2.0		
	Z	13.31	17.1		0.4			-	4.8	3.5		
12	A	13.36	33.1		0.9				5.7		6.3	3.5
	H	13.36	33.8		1.1			+	1.1	2.1		
	Z	13.36	33.6		1.0			-	2.7	0.9		
12	A	14.17	34.6		0.6			+	4.6		3.6	3.0
	H	14.17	35.7		0.9				1.3	0.8		
	Z	14.17	35.2		0.7				1.5	1.1		
12	A	14.19	26.1		0.7				6.4	3.6	4.2	2.8
	H	14.19	27.1		0.8				1.2	1.2		
	Z	14.19	26.6		1.1				0.3	0.2		
12	A	14.59	28.1		0.7				4.2	7.2	3.5	3.1
	H	14.59	28.0		0.6				4.4	5.3		
	Z	14.59	28.5		0.9			-	0.3	0.8		
12	A	15.42	59.1		1.2				9.2		7.8	3.8
	H	15.42			1.2				5.0	7.5		
	Z	15.42	59.5		1.2			-	3.1	1.9		
12	A	15.43	17.5		1.2			+	3.4		5.9	3.6
	H	15.43	17.2		0.9				2.6	2.6		
	Z	15.43	17.7		1.4				2.4	1.2		
12	A	15.53	26.3		1.1				15.53	26.3	1.2	2.8
	H	15.53	26.0		0.7			+	15.53	26.0		
	Z	15.53	26.8		1.2				15.53	26.8		
12	A	15.53	30.1		1.3			+	15.53	29.8	1.1	3.8
	H	15.53	29.8		0.9			+	15.53	30.7		
	Z	15.53	30.7		1.1			+	15.53	30.7		
12	A	16.00	41.0		0.6				16.00	41.0	0.8	2.7
	H	16.00	42.1		0.8				16.00	42.1		
	Z	16.00	41.9		0.8				16.00	41.9		
12	A	16.19	40.5		1.1				16.19	40.5	1.0	2.7
	H	16.19	41.0		1.0			+	16.19	41.0		
	Z	16.19	41.0		0.9			+	16.19	41.0		
12	A	16.22	34.9		1.1				16.22	34.9	1.4	2.8
	H	16.22	35.9		1.4			+	16.22	35.9		
	Z	16.22	35.1		0.8				16.22	35.1		
12	A	17.07	27.3		0.7			+	17.07	27.3	0.6	3.1
	H	17.07	27.5		0.6			-	17.07	27.5		
	Z	17.07	27.8		0.8			-	17.07	27.8		
12	A	17.08	30.6		1.0			+	17.08	30.6	0.8	4.0
	H	17.08	30.2		0.8			-	17.08	30.2		
	Z	17.08	30.5		0.8			-	17.08	30.5		
12	A	18.13	28.7		0.6				18.13	28.7	0.9	2.9
	H	18.13	29.2		0.9				18.13	29.2		
	Z	18.13	29.1		0.9			-	18.13	29.1		
12	A	19.14	28.5		0.5			+	19.14	28.5	0.9	2.1
	H	19.14	29.3		0.9				19.14	29.3		
	Z	19.14	28.4		0.5				19.14	28.4		
12	A	19.24	50.3		1.0				19.24	50.3	0.9	2.2
	H	19.24	50.9		0.9			-	19.24	50.9		
	Z	19.24	50.1		0.7				19.24	50.1		
12	A	19.35	56.6		0.7			+	19.35	56.6	1.3	2.6
	H	19.35	57.4		1.3				19.35	57.4		
	Z	19.35	56.7		0.6				19.35	56.7		
12	A	21.10	14.6		0.6				21.10	14.6	1.1	3.1
	H	21.10	14.7		1.1				21.10	14.7		
	Z	21.10	15.1		1.2			-	21.10	15.1		
12	A	22.42	03.3		0.9			+	22.42	03.3	0.9	4.7
	H	22.42	03.0		0.9			-	22.42	03.0		
	Z	22.42	03.2		0.9				22.42	03.2		
12	A	22.46	52.6		1.0			+	22.46	52.6	0.8	4.7
	H	22.46	52.3		0.8			-	22.46	52.3		
	Z	22.46	52.7		0.9				22.46	52.7		
12	A	22.47	14.0		0.9				22.47	14.0	0.8	3.4
	H	22.47	14.1		0.8			-	22.47	14.1		
	Z	22.47	14.1		0.8				22.47	14.1		
12	A	23.12	45.1		0.8			+	23.12	45.1	0.8	2.4
	H	23.12	45.4		1.1			-	23.12	45.4		
	Z	23.12	44.5		0.4				23.12	44.5		
12	A	23.23	43.7		1.1			+	23.23	43.7	0.8	4.4
	H	23.23	43.5		0.8			+	23.23	43.5		
	Z	23.23	43.6		1.0				23.23	43.6		
13	A	00.32	52.5		1.0				00.32	52.5	1.2	2.6
	H	00.32	52.7		1.2				00.32	52.7		
	Z	00.32	51.7		0.4				00.32	51.7		
13	A	01.29	40.1		0.7				01.29	40.1	1.4	2.8
	H	01.29	39.4		1.4				01.29	39.4		
	Z	01.29	39.7		0.7				01.29	39.7		
13	A	01.31	40.5		1.0				01.31	40.5	1.0	5.9
	H	01.31	40.3		1.0			-	01.31	40.3		
	Z	01.31	40.2		1.0				01.31	40.2		
13	A	02.45	17.9		0.7				02.45	17.9	1.4	2.8
	H	02.45	17.9		1.4			+	02.45	17.9		
	Z	02.45			1.0				02.45			
13	A	03.38	37.8		0.8			+	03.38	37.8	1.0	5.3
	H	03.38	37.8		1.0				03.38	37.8		
	Z	03.38	38.4		0.9				03.38	38.4		
13	A	03.55	56.1		1.0				03.55	56.1	0.8	3.8
	H	03.55	55.8		0.8			-	03.55	55.8		
	Z	03.55	56.1		0.9				03.55	56.1		
13	A	04.22	31.4		1.0				04.22	31.4	0.7	1.8
	H	04.22	31.2		0.7			-	04.22	31.2		
	Z	04.22	31.4		0.9				04.22	31.4		
13	A	04.40	25.2		0.8				04.40	25.2	0.8	2.8
	H	04.40	25.1		0.6			-	04.40	25.1		
	Z	04.40	25.4		0.8				04.40	25.4		

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

57

May, 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude	Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S					E	N	U		E-W	N-S					
13	A H Z	08.04 08.04 08.04	31.9 32.3 32.1		0.8 1.3 1.0			+	5.2 0.4 0.3	3.0 0.7 0.2	5.8	2.8	13	A H Z	17.42 17.42 17.42	48.4 48.8 48.3	0.7 1.1 0.5			+	1.6 1.5 1.8	1.2 2.0 2.0	3.5	2.7	
13	A H Z	08.53 08.53 08.53	19.0 19.7 18.1		1.0 1.4			-	2.8 1.5 4.7	4.0 1.2 2.5		3.3	13	A H Z	17.59 17.59 17.59	52.8 53.3 52.7	0.7 1.1 0.7			+	8.5 5.3 4.7	8.9 6.7 8.4	4.4	3.7	
13	A H Z	09.25 09.25 09.25		14.9	0.6 1.1 0.8			-	1.1 0.6 0.4	1.0 1.1 0.4	4.0	2.1	13	A H Z	18.00 18.00 18.00	43.3 43.5 42.6	0.8 1.0 0.3				0.5 0.8 5.5	1.1 0.9 2.9	1.3	2.7	
13	A H Z	09.52 09.52 09.52	04.8 04.5 04.7		0.9 0.9 0.8				0.8 2.6 0.7	1.0 2.7 0.5	4.6	2.5	13	A H Z	18.03 18.03 18.03	12.7 12.4 12.8	0.9 0.8 0.8			+	1.7 3.4 0.6	1.2 3.7 0.8	3.9	2.8	
13	A H Z	10.33 10.33 10.33	44.0 43.4 43.6		0.7 0.8 0.8			+	5.8 10.0 1.6	7.2 15.5 3.1	3.8	3.4	13	A H Z	18.04 18.04 18.04	40.2 39.5 40.2	1.2 0.8 1.1			+	0.8 0.9 0.6	2.3 1.0 0.6	5.1	3.0	
13	A H Z	10.49 10.49 10.49	14.6 14.6 14.0		0.9 0.9			-	0.3 0.3 1.0	0.9 0.4 1.1		2.2	13	A H Z	18.33 18.33 18.33	48.4 48.9 48.4	0.6 1.2 0.5			-	0.9 0.6 0.6	1.0 0.7 0.5	3.0	2.1	
13	A H Z	11.29 11.29 11.29	23.5 23.2 22.4		1.1 1.0 0.9			+	2.3 2.3 2.4	3.1 4.5 1.0	4.0	3.3	13	A H Z	18.33 18.33 18.33	58.8 59.3 58.8	0.7 1.1 0.5			+	3.4 2.5 2.5	3.9 3.5 2.1	3.6	3.1	
13	A H Z	11.32 11.32 11.32	23.2 23.2 23.3		0.8 1.1 1.0			+	14.6 5.4 2.0	10.8 6.4 1.5	6.0	3.7	13	A H Z	18.54 18.54 18.54	11.3 10.8 11.8	1.0 0.7 1.2			-	9.4 6.8 0.3	9.8 8.1 0.5	4.6	2.6	
13	A H Z	11.52 11.52 11.52	20.2 19.7 20.1		0.8 0.7 0.9			+	7.1 3.7 0.8	7.5 3.4 0.9		3.7	13	A H Z	20.05 20.05 20.05	17.7 17.0 17.3	1.0 1.1 0.6			+	0.1 0.8 1.8	0.4 1.1 1.5	2.3	2.4	
13	A H Z	12.05 12.05 12.05	50.5 49.8 50.4		1.2 0.8 0.9			+	4.3 14.8 1.2	3.5 22.5 1.5		3.3	13	A H Z	21.02 21.02 21.02	50.8 50.7 50.7	0.8 0.8 0.6			+	1.0 2.0 1.1	0.9 1.4 0.9	2.0	2.5	
13	A H Z	12.33 12.33 12.33	50.5 50.4 50.0		0.9 1.4 0.7			-	4.1 4.5 3.3	2.6 5.2 3.7	4.7	3.4	13	A H Z	21.14 21.14 21.14	05.2 04.7 05.5	0.9 0.8 1.2			+	3.4 5.3 0.8	4.3 3.3 0.8	5.1	3.1	
13	A H Z	12.48 12.48 12.48	36.6 36.3 35.6		0.8 1.0			-	0.5 0.7 3.2	1.1 1.0 4.0		2.6	13	A H Z	21.16 21.16 21.16	28.0 28.4 28.8	0.7 0.6 0.9			-	22.5 12.4 0.6	14.6 11.7 1.7	3.6	3.7	
13	A H Z	12.52 12.52 12.52	10.6 10.8 10.0		0.7 1.0 0.5			-	0.8 0.7 2.8	1.0 1.2 3.3	2.6	2.7	13	A H Z	21.42 21.42 21.42	46.9 46.9 46.3	0.8 0.9 0.9			-	1.2 0.8 4.6	1.2 0.7 4.5		2.8	
13	A H Z	13.23 13.23 13.23	16.9 17.5 16.7		0.7 0.9 0.9				1.1 0.5 0.6	1.1 0.9 1.0	4.6	2.5	13	A H Z	21.43 21.43 21.43	49.3 49.8 50.0	1.0 0.7 1.0			-	5.1 4.8 0.7	8.5 9.4 1.7	2.9	3.6	
13	A H Z	13.33 13.33 13.33	34.5 34.4 33.8		0.9 1.1 0.4			-	1.6 0.9 4.9	1.8 1.0 5.0	0.8	3.0	13	A H Z	23.06 23.06 23.06	33.9 34.6 33.9	0.8 1.0 0.4			+	1.6 1.4 4.0	1.2 2.0 4.0	1.8	2.9	
13	A H Z	13.35 13.35 13.35	04.1 04.1 03.5		0.8 1.0 0.4			-	0.8 0.4 3.2	1.0 1.0 4.9	1.6	2.8	13	A H Z	23.23 23.23 23.23	52.2 51.9 52.6	1.1 0.8 0.9			+	2.0 6.3 0.7	1.8 8.6 0.5	2.2	2.8	
13	A H Z	13.39 13.39 13.39	10.8 10.9 10.4		0.8 0.9 0.4			-	0.4 0.4 1.4	0.7 0.4 1.2		1.7	14	A H Z	00.35 00.35 00.35	59.2 58.9 59.5	1.0 0.8 1.0			+	9.8 7.2 1.1	13.7 12.3 2.2	4.7	3.7	
13	A H Z	14.00 14.00 14.00	33.6 33.7 33.2		0.8 0.8				2.3 1.1 5.3	2.2 1.5 5.9		3.0	14	A H Z	02.24 02.24 02.24	01.0 01.3 01.6	0.6 0.9 0.9			+	23.6 5.5 1.8	6.7 5.2 3.5	4.8	3.9	
13	A H Z	14.59 14.59 14.59	30.0 29.6 30.2		0.6 0.7 0.9				8.1 6.8 0.8	10.1 9.8 1.2	3.4	3.2	14	A H Z	02.52 02.52 02.52	41.9 42.5 41.6	0.6 0.7			-	2.5 2.9 7.6	2.2 2.9 7.0		3.1	
13	A H Z	15.37 15.37 15.37	42.5 42.1 42.5		0.9 1.0 0.8			+	3.2 5.3 1.3	8.1 6.3 1.4		4.3	14	A H Z	02.56 02.56 02.56	54.8 55.5 54.5	0.7 0.7			-	1.5 0.7 3.3	1.2 1.0 1.6		2.8	
13	A H Z	15.43 15.43 15.43	19.3 19.2 19.8		1.0 0.7 0.8			-	5.1 6.5 1.7	7.3 1.6 1.2		2.3	14	A H Z	03.08 03.08 03.08	20.9 21.7 21.6	0.4 0.9 0.5				19.8 4.4 1.2	14.6 6.7 2.0	2.1	3.1	
13	A H Z	15.46 15.46 15.46	16.8 16.4 16.9		0.8 0.9 0.8				0.9 3.4 0.6	1.1 4.8 0.8	4.5	2.5	14	A H Z	04.02 04.02 04.02	37.2 38.2 38.0	0.5 0.9 0.7			+	9.0 6.8 0.8	13.3 7.0 4.6	3.5	3.6	
13	A H Z	16.31 16.31 16.31	22.8 23.3 22.8		0.7 1.0 0.6			+	1.9 1.0 0.7	4.2 1.0 0.6	4.0	2.7	14	A H Z	04.43 04.43 04.43	27.7 27.0 28.3	0.9 0.4 1.1			+	7.1 3.0 0.4	11.1 4.2 0.3	2.3	3.2	
13	A H Z	16.28 16.28 16.28	26.0 25.5 26.1		1.0 0.7 1.3			+	4.7 1.4 0.6	2.6 1.0 0.8	4.8	3.2	14	A H Z	06.22 06.22 06.22	44.4 44.9 44.6	1.0 0.8 0.9			+	11.1 0.8 1.0	4.4 0.9 0.8	3.9	3.4	
13	A H Z	17.34 17.34 17.34	43.4 43.5 42.8		0.8 0.7			+	2.3 2.2 9.0	5.6 2.0 13.7		3.5	14	A H Z	06.59 06.59 06.59	53.7 53.7 52.9	1.5 2.0 1.3			+	4.1 4.2 1.3	3.0 5.1 1.6	8.6	3.6	

May, 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude			Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S							h	m	s		E	N	U	E-W	N-S		
14	A	07.28	50.1		0.8			-	3.6	4.3					14	A	19.38	01.8	0.8			+	5.8	8.3			
	H	07.28	50.9		1.3				4.7	5.7	3.5	3.3		H		19.38	01.3	0.8				5.0	5.5	4.8	2.5		
	Z	07.28	49.8		0.5			+	2.7	4.4				Z		19.38	02.3	1.0			-	0.5	0.4				
14	A	08.27			0.6				18.5	8.8					14	A	19.39	14.8	0.8			+	5.2	9.8			
	H	08.27			1.0				4.2	3.8	4.3	3.4		H		19.39	14.5	0.8			+	6.6	10.8	4.6	3.3		
	Z	08.27	26.4		1.0			-	0.6	1.1				Z		19.39	15.0	0.9			-	0.9	1.2				
14	A	10.00	35.4		0.7			+	5.1	8.2					14	A	20.32	50.8	1.5			+	9.2	10.7			
	H	10.00	35.3		0.8			+	5.8	6.6	2.3	3.0		H		20.32	51.4	2.0			+	8.0	6.3	6.4	4.0		
	Z	10.00			0.5				0.8	1.1				Z		20.32	50.4	1.3				7.6	6.3				
14	A	11.44	03.5		1.4			-	1.0	0.7					14	A	21.38	41.6	0.3			+	1.6	1.2			
	H	11.44	04.1		1.9			+	0.8	1.0	8.4	2.6		H		21.38	42.2	1.0			-	1.3	3.0	1.5	1.9		
	Z	11.44	03.4		1.3				0.2	0.3				Z		21.38	41.7	0.5			-	1.1	0.6				
14	A	11.52	07.1						1.5	1.7					14	A	21.38	53.2	1.0			+	0.9	1.8			
	H	11.52	06.5		0.8			+	3.3	2.3		2.5		H		21.38	52.8	0.8			-	3.7	3.6	4.2	2.8		
	Z	11.52	07.5		0.7				0.3	0.2				Z		21.38	53.4	1.0			-	1.0	0.6				
14	A	12.40	47.3		0.7				1.6	2.8					14	A	22.24	15.6	1.0			+	9.1	12.5			
	H	12.40	46.7		0.9				4.0	3.5	4.7	2.4		H		22.24	15.3	1.0				30.1	22.3	5.6	4.4		
	Z	12.40	47.6		1.0				0.8	0.8				Z		22.24	15.7	0.9			-	12.1	19.8				
14	A	13.12	38.2		1.2				5.8						14	A	22.24	38.7	0.9				2.1	2.9			
	H	13.12	39.0		0.8			+	4.5	6.2	3.3	3.1		H		22.24	37.8	0.7				2.3	2.8	3.6	3.0		
	Z	13.12	39.7		1.0				0.3	0.6				Z		22.24	38.3	0.9				0.9	0.4				
14	A	13.20	59.8		1.1			+	6.5	4.5					14	A	22.45	41.0	0.7				1.4	1.0			
	H	13.20	59.4		0.8			+	3.0	3.8	5.2	3.6		H		22.45	41.1	1.0			-	1.6	1.6	2.4	2.6		
	Z	13.21	00.4		1.1				2.5	0.7				Z		22.45	40.8	0.4				1.3	1.6				
14	A	13.23	54.4		1.0				1.0	1.9					14	A	22.45	48.8	0.7				1.0	0.5			
	H	13.23	54.4		0.7			-	1.2	1.8	1.7	3.3		H		22.45	49.0	0.9				1.0	1.2	2.0	2.4		
	Z	13.23	55.0		0.8				0.2	0.4				Z		22.45	48.4	0.4				1.0	1.5				
14	A	13.25	30.1		0.8			+	8.8	6.2					14	A	22.56	17.9	0.9			+	1.8	1.7			
	H	13.25	29.9		0.9			+	7.0	9.2	5.0	3.6		H		22.56	17.7	0.8			-	2.4	2.7	4.2	3.1		
	Z	13.25	30.8		1.0				0.6	2.6				Z		22.56	17.8	0.8				2.4	1.0				
14	A	13.27	24.0		1.2			+	10.2	6.1					14	A	23.07	01.6	1.0				1.5	6.6			
	H	13.27	23.4		1.0			+	9.5	8.8	6.0	3.5		H		23.07	01.3	0.8			-	5.5	6.6	4.5	3.3		
	Z	13.27	24.6		1.2				1.1	1.0				Z		23.07	01.7	0.9				1.3	1.0				
14	A	13.28	25.3		1.2				3.1	1.8					14	A	23.13	41.7	2.3				3.1	4.7			
	H	13.28	24.4		0.7			+	1.5	1.2	4.1	3.2		H		23.13	42.3	3.1				13.1	9.4	6.3	4.0		
	Z	13.28	25.9		1.2				0.9	0.4				Z		23.13	41.3	2.1				1.5	2.7				
14	A	13.39	49.0		1.2				0.6	0.7					14	A	23.15	38.7	0.8			+	10.0	11.8			
	H	13.39	49.0		1.2				0.6	1.1	5.1	2.4		H		23.15	38.0	0.7			+	5.5	7.7	4.4	3.3		
	Z	13.39	49.0		0.9				0.4	0.2				Z		23.15	38.5	0.9			-	0.6	1.0				
14	A	13.52	08.7		0.7				6.1	9.2					14	A	23.42	18.6	1.1				0.8	0.5			
	H	13.52	08.4		1.0			-	6.8	9.0	4.7	3.5		H		23.42	18.7	1.2			-	0.6	1.1		2.3		
	Z	13.52	09.0		1.9			-	1.4	2.4				Z		23.42	18.1				+	0.6	0.5				
14	A	14.46	20.3		0.9				1.7	1.1					14	A	23.43	02.5	1.5			+	4.4	4.2			
	H	14.46	20.4		1.1			+	0.5	1.1	3.4	3.0		H		23.43	02.9	2.0			+	3.0	2.1	5.9	3.5		
	Z	14.46	19.7		0.5				4.0	3.6				Z		23.43	02.3	1.2			+	3.5	1.5				
14	A	17.49	38.1		1.0				1.9	1.1					14	A	23.45	33.3	2.3				10.0	1.5			
	H	17.49	38.0		1.1			-	2.6	3.7	6.6	2.6		H		23.45	33.6	3.0			-	3.6	2.8	7.6	3.5		
	Z	17.49	38.3		1.1				0.2	0.3				Z		23.45	32.2	2.2			+	0.2	0.3				
14	A	18.04	55.8		1.4			+	1.6	1.2					14	A	23.54	35.8	1.5				0.4	0.5			
	H	18.04	56.4		1.8			+	1.1	0.7	7.7	3.1		H		23.54	35.8	2.9				2.1	1.9	4.8	3.2		
	Z	18.04	55.9		1.1				1.0	1.0				Z		23.54	34.6	2.1				0.2	0.4				
14	A	18.29	21.3		0.7			+	2.6	9.2					15	A	01.28	19.3	0.6			+	0.5	0.6			
	H	18.29	21.9		0.9				3.9	5.0	4.8	3.7		H		01.28	19.5	0.9				0.7	0.7	1.9	2.6		
	Z	18.29	21.6		0.8			-	5.8	2.6				Z		01.28	19.0	0.4			-	1.6	1.1				
14	A	18.36	03.2		1.0			+	10.0	11.6					15	A	01.29	51.9	0.9				1.0	0.9			
	H	18.36	02.7		1.1			+	4.9	5.1	6.7	3.6		H		01.29	52.2	1.3			-	0.4	0.5	2.0	2.6		
	Z	18.36	03.7		1.1			-	1.3	1.2				Z		01.29	50.9	0.4			+	1.2	2.2				
14	A	18.46	08.8		0.8			-	2.3	1.4					15	A	02.24	25.9	0.9			+	1.3	2.4			
	H	18.46	09.4		1.2				1.7	1.8	3.3	2.8		H		02.24	25.0	0.7			+	4.0	4.2	4.9	2.8		
	Z	18.46	08.6		0.5				1.4	1.6				Z		02.24	25.8	1.1				0.5	0.3				
14	A	18.47	35.8		0.7			+	5.0	7.6					15	A	02.31	34.5	0.8			+	4.1	7.2			
	H	18.47	36.3		0.7				0.8	1.2	4.2	2.4		H		02.31	34.2	0.9			-	5.0	7.3	5.0			

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

59

May. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
15	A	05.20	12.2		1.1			+	3.9	2.4	3.4	3.6
	H	05.20	12.5		1.1		-	3.1	5.2			
	Z	05.20	11.7		0.7		+	1.6	6.1			
15	A	05.33	11.0		0.9			+	10.0	7.1	5.9	3.6
	H	05.33	10.4		0.9		+	10.4	9.2			
	Z	05.33	11.3		1.1			1.0	2.0			
15	A	05.41	01.0		1.0			-	3.3	2.2	6.4	3.6
	H	05.41	00.7		1.2		-	5.4	7.8			
	Z	05.41	00.5		0.9		+	4.5	5.6			
15	A	05.54	44.8		1.1			+	3.2	7.1	6.0	3.9
	H	05.54	44.4		0.9		-	5.8	4.9			
	Z	05.54	44.5		1.1			5.6	3.2			
15	A	05.55	39.9		0.9			+	1.2	1.8	2.9	3.2
	H	05.55	40.1		1.3		+	2.4	1.4			
	Z	05.55	39.1		0.4		-	6.6	10.2			
15	A	07.04	12.5		1.1			-	2.7	1.4	6.9	3.2
	H	07.04	12.4		1.3		+	1.7	2.6			
	Z	07.04	12.2		1.0		+	0.6	2.0			
15	A	07.52	13.7		1.0			+	1.4	3.8	4.4	3.1
	H	07.52	13.3		1.0		-	2.3	3.6			
	Z	07.52	13.6		0.8			1.4	0.7			
15	A	08.01	09.0		0.9			+	15.6	14.0	5.0	4.0
	H	08.01	08.6		0.9		-	25.0	24.2			
	Z	08.01	09.2		0.9		-	7.0	6.3			
15	A	08.11	56.4		0.7			+	1.6	1.8	2.7	3.3
	H	08.11	56.8		1.2		+	2.7	3.5			
	Z	08.11	55.9		0.4		+	7.8	17.2			
15	A	08.42	41.5		1.1			+	0.8	0.9		2.5
	H	08.42	41.3		0.9		+	3.3	4.2			
	Z	08.42	40.7				+	0.6	1.5			
15	A	08.53	58.7		0.6			-	9.5	7.2	2.1	3.3
	H	08.53	59.3		1.0		-	4.5	5.0			
	Z	08.53	58.6		0.4		-	5.6	4.2			
15	A	13.10	08.3		1.1				3.0	2.4	6.0	2.7
	H	13.10	07.5		0.9			3.2	3.4			
	Z	13.10	08.3		1.2			0.2	0.2			
15	A	13.17	21.0		1.5			+	7.6	3.0	2.3	3.6
	H	13.17	20.3		1.0		+	7.6	8.6			
	Z	13.17	21.0		1.2			0.9	1.0			
15	A	14.21	52.1		0.8			+	9.6		13.0	13.0
	H	14.21	52.1		0.8		-	7.8	7.4			
	Z	14.21	52.6		0.8		-					
15	A	14.22	38.0		0.7			-	8.5	5.1	4.6	3.1
	H	14.22	37.7		0.9		-	8.3	10.0			
	Z	14.22	38.2		0.9		-	0.8	0.8			
15	A	14.48	54.5		0.7				0.6	0.7		2.0
	H	14.48	54.6		0.8			0.3	0.2			
	Z	14.48	53.7					1.0	0.6			
15	A	16.36	10.3		1.4			+	1.2	1.4	7.5	2.8
	H	16.36	10.8		1.8		+	0.6	0.9			
	Z	16.36	10.0		1.2			0.4	0.4			
15	A	16.46	27.0		0.8				4.5		5.6	2.9
	H	16.46	27.5		1.0			0.4	0.6			
	Z	16.46	27.4		1.0			0.6	0.2			
15	A	17.52	51.1		0.8				3.0	5.1	3.9	2.4
	H	17.52	50.8		0.9			3.4	4.8			
	Z	17.52	51.4		0.7		-	0.6	0.4			
15	A	19.42	18.4		1.1			-	3.6	2.2	7.0	3.4
	H	19.42	17.9		1.1		-	5.2	5.1			
	Z	19.42	18.1		1.1		+	1.0	1.8			
15	A	19.53	12.7		0.7			+	2.2	4.4	3.6	3.3
	H	19.53	13.4		1.2		+	2.2	3.2			
	Z	19.53	12.4		0.5		-	4.9	3.8			
15	A	20.15	09.9		0.9				1.3	1.6	2.8	3.0
	H	20.15	10.1		1.2			0.3	0.4			
	Z	20.15	09.4		0.4			1.8	4.5			
15	A	22.15	59.7		0.8				1.2	1.0	5.0	2.6
	H	22.16	00.4		1.2			0.8	1.4			
	Z	22.15	59.6		0.7			0.4	0.9			
16	A	00.07	12.3		1.0			-	0.3	0.4		2.3
	H	00.07	12.3		1.1			0.2	0.4			
	Z	00.07	11.6		11.6		+	0.8	1.4			
16	A	00.59	14.0		0.4				6.4	2.0	2.8	2.7
	H	00.59	15.0		1.0			1.0	1.0			
	Z	00.59	14.8		0.7			0.7	0.6			
16	A	01.19	29.9		0.8							
	H	01.19	30.2		1.1							
	Z	01.19	29.6		0.6							
16	A	02.30	06.0		0.7			+				
	H	02.30	06.3		1.0		+					
	Z	02.30	06.4		0.9		-					
16	A	03.04	53.6		1.0			+				
	H	03.04	53.8		1.1							
	Z	03.04	53.1		0.8							
16	A	03.15	27.5		1.0							
	H	03.15	27.6		1.1							
	Z	03.15	26.7		1.0							
16	A	03.28	44.7		1.0			-				
	H	03.28	44.7		1.2		-					
	Z	03.28	44.1		0.6							
16	A	03.50	28.9		1.1			+				
	H	03.50	28.3		1.1		+					
	Z	03.50	28.7		1.2		+					
16	A	04.09	56.7		0.8			+				
	H	04.09	56.3		0.8							
	Z	04.09	56.8		0.9							
16	A	05.22	03.2		0.4			+				
	H	05.22	03.6		0.9		+					
	Z	05.22	03.6		0.8		-					
16	A	05.26	06.7		1.1			+				
	H	05.26	06.0		0.8		+					
	Z	05.26	06.9		1.2							
16	A	06.11	00.1		1.3			+				
	H	06.10	59.4		0.7		+					
	Z	06.11	00.1		1.2							
16	A	06.17	18.4		0.9							
	H	06.17	18.7		1.4							
	Z	06.17	18.1		0.8							
16	A	06.43	47.6		0.9			-				
	H	06.43	47.2		0.9		-					
	Z	06.43	47.7		0.8							
16	A	06.51	20.8		0.5			+				
	H	06.51	21.5		1.0		+					
	Z	06.51	21.2		0.8		-					
16	A	09.29	55.4		0.6							
	H	09.29	56.5		1.0							
	Z	09.29	57.0		1.0							
16	A	12.14	17.6		0.8			-				
	H	12.14	17.8		1.1		-					
	Z	12.14	17.1		0.7		+					
16	A	12.15	17.8		1.2							
	H	12.15	17.6		1.2							
	Z	12.15	17.1				-					
16	A	13.00	04.7		0.7			+				
	H	13.00	05.0		0.9		+					
	Z	13.00	05.1		0.9		-					
16	A	13.04	42.1		1.2							
	H	13.04	41.5		1.3		-					
	Z	13.04	42.4		0.9		+					
16	A	18.36	40.6		1.0			+				
	H	18.36	40.8		1.4		+					
	Z	18.36	40.3		0.9		+					
16	A	20.40	06.5		0.6			+				
	H	20.40	06.8		1.0		+					
	Z	20.40	06.8		0.8		-					
16	A	23.35	08.2		0.9			+				
	H	23.35	07.6		0.6		+					
	Z	23.35	08.4		1.0		-					
16	A	23.37	45.2		0.6			-				
	H	23.37	45.6		1.3							
	Z	23.37	45.8		0.6		+					

Seismological Data of Matsushiro Earthquake Swarm (Report II)

May, 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
Date	Station	h	m	s	S-P (sec)	E	N	U	E-W	N-S	Depth (km)	Magnitude
17	A	01.25	38.1		0.6			+	18.0	10.6		
	H	01.25	38.8		1.0			+	12.6	15.5	2.9	4.0
	Z	01.25	37.8		0.5			-	9.8	19.1		
17	A	01.31	33.4		0.6				3.2	4.3		
	H	01.31	34.2		1.2				2.4	3.6	3.0	3.2
	Z	01.31	33.1		0.5			+	4.7	4.2		
17	A	02.11	50.7		0.6			+	3.9	3.0		
	H	02.11	50.1		0.8			+	2.5	3.1	3.1	3.3
	Z	02.11	50.9		1.2				2.3	1.0		
17	A	02.22	55.2		1.0			+	2.8	2.2		
	H	02.22	54.6		0.9			-	6.7	6.3	4.8	3.0
	Z	02.22	55.2		0.9				0.8	0.9		
17	A	03.41	02.4		1.0				2.8	2.6		
	H	03.41	02.1		0.7				1.3	2.0	4.3	3.2
	Z	03.41	02.2		1.1			+	1.5	1.1		
17	A	04.48			1.1			+	0.2	0.2		
	H	04.48	31.0		0.8			+	16.0	24.5	2.9	2.6
	Z	04.48	31.7		0.9			+	4.2	2.8		
17	A	04.56	44.2		1.0			+	1.3	3.0		
	H	04.56	43.4		0.9			-	4.6	5.3	5.5	3.0
	Z	04.56	44.0		1.0			-	0.7	0.7		
17	A	05.07	17.9		0.9			+	3.3	9.6		
	H	05.07	17.6		1.0			-	7.6	8.6	5.8	3.9
	Z	05.07	17.6		0.9			-	6.5	5.5		
17	A	08.48	22.6		1.1			+	0.2	0.3		
	H	08.48	23.0						1.1	1.3		
	Z	08.48	21.9		0.7			+	2.3	1.7	2.5	
17	A	08.54	24.2		0.9			+	5.1	6.1		
	H	08.54	24.0		0.8			-	6.0	6.1	3.3	3.6
	Z	08.54	24.2		0.7			+	4.8	2.9		
17	A	09.08	48.1		1.0				0.3	0.4		
	H	09.08	49.0		1.2			-	0.3	0.4	5.0	2.3
	Z	09.08	48.3		0.7				0.6	0.7		
17	A	12.52	47.4		1.1			+	5.0	4.4		
	H	12.52	47.0		0.9			+	9.0	15.2	6.0	3.3
	Z	12.52			1.1				1.0	0.8		
17	A	13.12	30.3		0.9			+	4.8	5.6		
	H	13.12	30.2		0.7				4.3	3.8	3.7	3.1
	Z	13.12	30.5		0.9				0.8	0.7		
17	A	15.35	51.3		0.6			+	4.4	3.0		
	H	15.35	51.2		0.9				0.8	0.4	4.1	2.7
	Z	15.35	51.6		0.8			-	0.6	0.5		
17	A	16.59	37.0		1.4			+	9.8	9.8		
	H	16.59	36.1		0.9			+	17.0	8.6	3.1	4.0
	Z	16.59	36.9		1.2			+	3.8	3.0		
17	A	17.15	34.1		1.0			+	7.0	15.2		
	H	17.15	34.4		0.9			+	6.5	7.0	5.9	3.5
	Z	17.15	34.8		1.1			-	0.7	0.8		
17	A	17.20	02.7		0.7			+	11.0	7.8		
	H	17.20	03.3		1.0			+	5.7	6.2	4.9	3.4
	Z	17.20	03.0		0.8			-	1.8	1.4		
17	A	17.39	36.8		0.7			+	4.2	5.6		
	H	17.39	37.3		1.0			+			4.4	3.1
	Z	17.39	37.0		0.7			-	1.4	1.3		
17	A	18.38	50.2		0.6			+	9.4	4.0		
	H	18.38	50.4		0.8			+	3.8	3.6	4.0	3.1
	Z	18.38	50.4		0.9				0.4	0.9		
17	A	18.53	16.2		1.2				3.0	3.2		
	H	18.53	16.2		1.2			-	9.6	5.4	3.3	3.5
	Z	18.53	16.5		0.7				4.6	2.4		
17	A	19.24	09.7		1.1			-	7.4	4.8		
	H	19.24	09.7		1.2			-	16.4	35.8	5.3	3.6
	Z	19.24	09.3		0.8				2.3	2.6		
17	A	20.02	44.7		1.0			+	2.1	3.6		
	H	20.02	44.6		0.7			-	4.4		3.5	3.1
	Z	20.02	45.0		0.9				0.9	0.4		
17	A	20.55	37.8		0.8			+	3.0	9.8		
	H	20.55	37.8		0.6			-	6.0	7.3	3.7	3.3
	Z	20.55	38.3		0.9			-	0.6	1.0		
17	A	21.03	23.4		0.8			+	7.4	5.4		
	H	21.03	23.8		0.9			-	3.3	3.8	4.8	3.2
	Z	21.03	23.6		0.8			-	0.8	1.0		
17	A	21.12	45.7		1.2			-	2.2	1.3		
	H	21.12	45.9		1.2			-	4.8	8.4	2.7	2.9
	Z	21.12	45.6		0.8				0.8	1.0		
17	A	21.16	21.8		1.0			+	8.1	9.2		
	H	21.16	22.4		1.1				2.0	3.4	6.0	3.5
	Z	21.16	22.1		0.9				1.8	0.9		
17	A	22.26	48.8		1.1			+	15.6	11.2		
	H	22.26	48.6		0.8				13.6	14.2	5.7	3.9
	Z	22.26	49.4		1.2			-	1.5	2.0		
18	A	00.14	42.7		1.0			+	6.5	6.4		
	H	00.14	42.6		0.9			+	5.0	4.3	5.0	3.4
	Z	00.14	42.5		0.9			+	1.8	1.6		
18	A	00.35	41.1		0.5			+	29.4	15.4		
	H	00.35	42.1		1.0			-	4.6	4.4	3.6	3.9
	Z	00.35	41.6		0.7			+	5.0	5.0		
18	A	00.39	28.3		0.7			+	4.4	6.9		
	H	00.39	29.0		1.0			+	2.0	1.6	3.2	3.1
	Z	00.39	28.1		0.5			-	0.8	1.8		
18	A	00.46	53.2		0.3			+	5.6	6.9		
	H	00.46	54.0		0.7						1.5	2.8
	Z	00.46	53.4		0.7							
18	A	00.51	21.9		0.4				5.3	5.1		
	H	00.51	22.7		0.9			+	0.9	0.8	2.9	2.8
	Z	00.51	22.7		0.7					1.0		
18	A	04.00	19.9		0.4			+	1.8	3.8		
	H	04.00	20.4		0.7				5.7	3.6	1.9	2.8
	Z	04.00	20.6		0.9				0.7	1.0		
18	A	04.07	16.5		0.6			+	6.3	1.0		
	H	04.07	17.1		1.0			-	13.0	17.0	4.1	3.4
	Z	04.07	16.5		0.7			-	1.4	2.2		
18	A	04.12	50.3		0.6				4.0	4.8		
	H	04.12	51.7		1.2			-	1.0	1.0	3.2	3.0
	Z	04.12	50.5		0.5				1.2	2.2		
18	A	07.10	48.1		0.6				2.0	3.8		
	H	07.10	47.8		1.0				1.0	2.9	4.4	3.0
	Z	07.10	47.8		0.9				1.4	1.3		
18	A	09.17	58.4		1.1			+	2.8	8.8		
	H	09.17	57.6		0.8			-	7.2	7.4	2.9	3.2
	Z	09.17	58.2		0.9			+	2.8	1.4		
18	A	10.50	33.7		0.7				2.8	1.4		
	H	10.50	34.1		1.2				0.5	0.6	1.5	2.2
	Z	10.50	32.9		0.2				2.2	2.8		
18	A	11.51	26.6		1.2			+	2.6	6.8		
	H	11.51	26.0		0.9			+	7.0	10.0	6.0	3.4
	Z	11.51	26.5		1.2			+	0.8	0.3		
18	A	13.38	07.0		0.9			+	4.0	2.2		
	H	13.38	07.0		0.9			-	7.8	11.0	5.3	3.4
	Z	13.38	06.9		0.9			-	2.4	1.8		
18	A	13.38	37.2		0.9				5.6	6.4		
	H	13.38	36.9		0.7			-	3.4	3.0	4.2	2.9
	Z	13.38	37.37									

61

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude			Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude									
		h	m	s		E	N	U	E-W	N-S							h	m	s		E	N	U	E-W	N-S											
18	A	22.15	41.0		0.5			+	5.4	5.1	2.8	2.7			20	A	08.44	09.7	1.1		-	4.0	3.0	2.4	3.1											
	H	22.15	42.2	0.9			-	4.4	6.0	2.8						2.7			H									08.44	09.9	1.3	5.0	8.0	2.4	3.1		
	Z	22.15	41.2	0.5			-	1.0	0.8																			2.8	2.7							
19	A	00.02	21.0		0.7			+	1.0	0.8	2.7				20	A	09.30	38.0	1.0		+	24.5	15.9	5.5	4.9											
	H	00.02	21.6	0.9			-	0.6	0.6	2.7									H									09.30	38.7	0.9	41.0	46.0	5.5	4.9		
	Z	00.02	20.2				+	7.3	8.2																			2.7								
19	A	05.46	56.0		0.7			+	8.8	7.2	3.4	3.7			20	A	09.50	26.2	1.0		+	12.9	10.6	4.8	4.2											
	H	05.46	56.7	0.9			-	10.7		3.4						3.7			H									09.50	26.3	1.0	15.8	13.3	4.8	4.2		
	Z	05.46	55.8	0.6			-	4.4	11.2																			3.4	3.7							
19	A	05.57	08.1		0.6			-	5.2	10.4	2.4	3.4			20	A	10.08	37.7	1.1		+	1.3	1.3	3.2	3.1											
	H	05.57	09.1	1.2			-	4.4	5.2	2.4						3.4			H									10.08	37.2	1.0	6.8	3.5	3.2	3.1		
	Z	05.57	07.8	0.4			+	5.0	5.4																			2.4	3.4							
19	A	09.34	23.6		0.6				2.6	5.0	2.8	3.0			20	A	10.23	59.4	1.0		+	3.6	1.8	5.8	3.1											
	H	09.34	24.8	0.9				2.9	3.7	2.8						3.0			H									10.23	58.6	1.1	3.4	5.4	5.8	3.1		
	Z	09.34	23.8	0.5				2.2	2.3																			2.8	3.0							
19	A	15.28	34.7		0.9			+	18.2	12.8	5.7	4.3			20	A	11.44	52.5	0.7		+	0.3	0.3	2.4	2.0											
	H	15.28	34.5	0.9			+	18.5	31.8	5.7						4.3			H									11.44	52.9	1.1	0.3	0.4	2.4	2.0		
	Z	15.28	35.2	1.0			-	3.8	10.3																			5.7	4.3							
19	A	16.58	49.1		0.7			-	11.6	1																										

May, 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
21	A	11.03	56.1		0.6			+	6.0	4.8	2.7	3.4
	H	11.03	57.4		1.0				6.4	7.0		
	Z	11.03	55.8		0.4				7.4	6.2		
21	A	11.04	04.9		0.6				0.7	0.8	1.9	2.3
	H	11.04	05.5		1.0				1.0	1.2		
	Z	11.04	04.7		0.3				2.6	1.8		
21	A	13.52	13.4		1.0			+	4.5	5.7	4.2	3.6
	H	13.52	13.5		1.2			-	3.4	4.2		
	Z	13.52	12.6		0.6				7.0	5.4		
21	A	13.55	48.2		0.7			+	8.0	4.7	1.3	3.2
	H	13.55	48.1		0.7			-	4.8	6.4		
	Z	13.55			0.5				1.8	2.0		
21	A	13.56	14.1		1.0			-	3.0	4.0	4.2	3.7
	H	13.56	14.2		1.2			-	4.0	5.4		
	Z	13.56	13.6		0.6				12.3	7.6		
21	A	13.57	01.6		0.9			+	3.1	2.4	4.0	3.3
	H	13.57	01.5		1.2			-	4.4	4.4		
	Z	13.57	00.9		0.6				4.0	5.6		
21	A	14.36	44.0		1.0				3.4	3.0	5.4	3.3
	H	14.36	43.5		1.0			-	14.6	11.6		
	Z	14.36	43.8		0.9				1.9	1.6		
21	A	14.56	48.4		1.0			+	3.0	3.6	4.5	3.8
	H	14.56	48.1		0.9			+	7.8	9.0		
	Z	14.56	48.3		0.9				9.6	6.0		
21	A	16.38	14.9		0.8			+	3.0	2.6	3.4	3.0
	H	16.38	14.9		0.7			-	8.2	10.6		
	Z	16.38	14.8		0.8				1.0	1.6		
21	A	18.22	25.0		0.5			+	6.5	5.7	3.2	3.0
	H	18.22	25.7		0.9			+	3.4	5.6		
	Z	18.22	25.4		0.7				0.9	1.7		
21	A	19.30	25.0		0.6			+	8.8	7.0	3.8	3.4
	H	19.30	25.4		0.9				3.3	3.6		
	Z	19.30	25.5		0.8				1.8	2.5		
21	A	22.48	11.8		0.7			-	1.3	9.5	2.2	3.4
	H	22.48	11.7		0.5				15.9	17.4		
	Z	22.48			0.8				0.8	2.2		
21	A	23.10	42.5		0.7			-	19.4	7.8	3.8	3.7
	H	23.10	42.4		0.8				27.2	35.5		
	Z	23.10	42.9		0.7				1.4	3.0		
22	A	01.30	40.9		1.2			+	2.7	3.1	4.6	3.3
	H	01.30	40.0		0.9			+	6.8	7.2		
	Z	01.30	40.8		1.1				0.8	0.9		
22	A	02.31	26.3		0.7				1.6	1.1	2.7	2.8
	H	02.31	25.4		1.0				0.4			
	Z	02.31	24.4		0.4				3.8	2.4		
22	A	07.14	42.0		1.0			+	10.6	7.1	6.2	3.9
	H	07.14	41.2		1.0			+	12.0	19.0		
	Z	07.14	41.9		1.0				4.0	3.4		
22	A	10.25	15.7		0.9			+	4.3	4.7	4.2	3.2
	H	10.25	15.0		0.8				14.3	21.3		
	Z	10.25	15.8		0.9				1.4	1.4		
22	A	13.02	06.5		1.1				1.1	0.8	5.2	3.3
	H	13.02	07.0		0.9				2.4	2.2		
	Z	13.02	07.3		1.0				4.0	4.0		
22	A	13.07	23.1		1.0			-	4.0	2.0	6.1	3.6
	H	13.07	22.7		1.0			-	7.8	9.8		
	Z	13.07	23.0		1.0				3.4	1.8		
22	A	14.19	01.7		1.2			-	13.0	14.1	6.5	4.2
	H	14.19	01.2		1.0				14.8	16.6		
	Z	14.19	02.0		1.2			+	4.2	6.2		
22	A	16.54	10.6		0.7				59.6	36.0	5.0	4.2
	H	16.54	11.1		1.0				4.0	4.2		
	Z	16.54	11.1		0.9			-	3.2	4.0		
22	A	17.28	25.4		0.9				15.5	21.2	4.7	4.5
	H	17.28	25.3		1.2			-	8.2	6.8		
	Z	17.28	24.6		0.7			+	24.6	19.8		
22	A	18.00	37.9		0.9			-	1.4	1.1	3.6	2.8
	H	18.00	37.6		1.2			-	1.0	2.2		
	Z	18.00	37.1		0.5				2.4	2.0		
22	A	21.57	04.5		1.3			+	4.4	2.2	8.6	3.7
	H	21.57	05.1		1.8			+	2.3	1.6		
	Z	21.57	04.3		1.2			+	3.2	2.0		
23	A	02.02	46.8		0.8			+	7.0	5.6	4.1	3.4
	H	02.02	46.3		0.7			-	8.0	11.0		
	Z	02.02			1.0				1.3	1.9		
23	A	02.22	43.5		0.8			-	22.4	17.7	4.0	3.8
	H	02.22	42.8		0.7			+	24.0	48.0		
	Z	02.22	43.4		0.9			+	2.0	2.2		
23	A	02.30	27.8		1.6				1.5	0.7	8.1	3.1
	H	02.30	28.5		1.5				1.4	1.6		
	Z	02.30	27.3		1.3			+		0.8		
23	A	05.31	10.7		1.2			+	3.4	4.7	4.3	3.3
	H	05.31	10.3		0.8			+	8.2	4.4		
	Z	05.31	10.8		1.1			+		1.0		
23	A	05.33	32.3		0.8			+	3.0	4.2	3.7	2.6
	H	05.33	31.9		0.9				5.8	7.0		
	Z	05.33	32.3		0.6					0.4		
23	A	11.02	20.6		1.1				0.3	0.5	4.0	2.7
	H	11.02	22.1		1.2				0.4	0.6		
	Z	11.02	21.8		0.7			+	1.4	2.6		
23	A	11.49	32.4		0.9			+	2.2	1.2	4.5	3.0
	H	11.49	32.0		1.0			-	4.7	7.0		
	Z	11.49	31.8		0.7				0.8	1.6		
23	A	12.13	46.0		0.9			+	4.7	2.5	1.6	3.2
	H	12.13	46.3		1.0				2.0	1.8		
	Z	12.13	45.3		0.4			+	3.8	6.3		
23	A	12.37	51.2		0.7			+		1.4	3.3	2.8
	H	12.37	51.3		1.2				0.3	0.4		
	Z	12.37	50.4		0.5			+	3.4	3.2		
23	A	16.01	17.4		0.7			-	4.3	4.2	2.8	3.1
	H	16.01	17.9		1.1			-	1.4	1.2		
	Z	16.01	17.2		0.4			+	3.4	4.2		
23	A	18.51	49.6		0.7			+	5.4	8.8	4.7	3.4
	H	18.51	48.9		1.0			-	11.8	11.7		
	Z	18.51	49.5		0.9				2.2	1.9		
23	A	20.25	10.7		0.9			+	3.0	3.4	4.8	3.3
	H	20.25	10.2		0.8			-	9.4	8.4		
	Z	20.25	10.7		0.9				1.4	3.0		
24	A	01.06	50.7		0.9			+	2.7	5.8	5.0	3.5
	H	01.06	50.2		0.8			-	6.4	14.6		
	Z	01.06	50.1		1.0				1.3	2.2		
24	A	03.45	26.3		0.6				3.9	7.3	3.7	3.3
	H	03.45	26.8		1.0			+	4.5	8.6		
	Z	03.45	26.5		0.6			-	3.0	2.4		
24	A	04.33	29.5		0.9				2.5	2.9	4.7	3.1
	H	04.33	29.0		0.8			+	6.6	7.0		
	Z	04.33	29.6		0.9			+	1.2	1.4		
24	A	04.43	36.0		0.9			+	6.9	6.6	2.5	3.6
	H	04.43	36.5		1.2			-	2.2	3.0		
	Z	04.43	35.9		0.4			+	6.8	9.0		
24	A	05.19	34.6		0.8			-	1.1	0.9	2.6	2.7
	H	05.19	34.9		1.2			-	1.4	1.4		
	Z	05.19	34.2		0.4			+	3.2	2.6		
24	A	05.22	40.1		1.0			+	3.4	11.7	4.1	3.7
	H	05.22	39.8		0.8			-	10.4	13.0		
	Z	05.22	40.4		0.9				2.2	2.2		
24	A	07.42	08.1		0.6			-	23.3	30.0	3.2	3.8
	H	07.42	08.1		0.6			-	24.8	24.2		
	Z	07.42	08.8		1.0			-	2.3	1.0		
24	A	09.12	34.7		0.7			+	9.4	9.0	3.2	3.8
	H	09.12	35.2		1.3			+	6.2	6.8		
	Z	09.12	34.1		0.5			+	12.8	6.0		
24	A	09.24	22.6		0.9			+		8.7	4.8	3.2
	H	09.24	21.8		0.8			-	7.8	11.6		
	Z	09.24	22.6		0.9				0.6	0.6		
24	A	10.37	21.1		0.8			-	10.5	9.8	3.0	4.1
	H	10.37	21.7		0.8			+	6.0	9.0		
	Z	10.37	21.1		0.6			+	23.6			
24	A	10.40	40.2		0.8			-	3.0	1.0	4.0	3.0
	H	10.40	40.9		1.2			-	1.7	2.6		
	Z	10.40	40.0		0.6				3.0	3.0		
24	A	10.46	11.1		0.9				1.5	1.0	4.0	2.9
	H	10.46	11.8		1.2				2.0	2.4		
	Z	10.46	10.8		0.6			+	2.8	2.6		
24	A	10.48	53.0		0.6			-	1.9	1.1	3.0	2.7
	H	10.48	53.8		1.2				2.0	2.4		
	Z	10.48	52.9		0.5				1.8	0.6		
24	A	10.53	43.7		0.7			-	3.0	3.5	3.5	3.2
	H	10.53	44.5		1.2				3.9	5.3		
	Z	10.53	43.7		0.5			+	5.0	2.4		

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

63

May, 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
24	A	13.16	37.6		0.4			-	9.8	7.3		
	H	13.16	38.3						0.3			
	Z	13.16	37.7		0.4			-	1.4	2.5		3.0
24	A	16.33	19.9		0.7			+	1.0	1.0		
	H	16.33	19.7		1.1				0.4	0.4	2.1	2.5
	Z	16.33	19.4		0.3				1.0	2.7		
24	A	17.52	12.9		1.0			+	2.3	2.7		
	H	17.52	12.6		0.7			-	6.8	6.6	3.9	3.0
	Z	17.52	13.0		1.0			+	0.8			
24	A	18.13	05.3		1.0			+	10.7	11.0		
	H	18.13	05.1		0.8			+	7.2	10.4	3.7	3.7
	Z	18.13	05.7		0.8			-	1.0	2.7		
24	A	21.00	53.7		0.9			-	2.7	2.5		
	H	21.00	54.7		1.4			-	1.5	2.6	2.6	3.2
	Z	21.00	53.2		0.4				5.8	5.0		
24	A	21.05	10.7		1.0			+	3.0	7.8		
	H	21.05	09.6		0.9			-	5.2	3.7	5.4	3.9
	Z	21.05	10.8		1.0				6.6	3.8		
24	A	21.48	28.2		1.1			+	2.1	6.3		
	H	21.48	27.8		1.0			-	4.2	4.8	5.4	3.7
	Z	21.48	27.9		0.9				4.7	3.6		
24	A	23.11	15.3		1.3			+	9.0	16.6		
	H	23.11	15.2		1.0			+	14.2	21.0	6.0	3.9
	Z	23.11	16.0		1.2				1.7	1.6		
24	A	23.45	52.3		0.9				11.0	11.4		
	H	23.45	52.9		0.6				1.9	2.7	4.0	3.4
	Z	23.45	53.5		1.0				0.4	0.6		
25	A	01.05	39.1		1.1			+	4.3	12.0		
	H	01.05	38.7		1.0			+	7.7	6.4	6.8	3.6
	Z	01.05	39.5		1.2				0.9	0.9		
25	A	01.06	55.1		0.7			+	20.5	11.1		
	H	01.06	55.7		1.0			+	14.4	17.0	5.1	3.9
	Z	01.06	55.5		1.0				3.2	2.4		
25	A	02.14	17.2		0.7			+	9.0	8.6		
	H	02.14	17.9		1.3			-	3.1	5.2	3.7	3.7
	Z	02.14	17.1		0.6				8.3	9.9		
25	A	02.55	08.3		0.8			+	72.1	50.0		
	H	02.55	08.1		0.8				40.2	51.2	4.8	4.5
	Z	02.55	08.6		1.1				6.8	6.8		
25	A	02.59	57.6		0.8			-	21.2	7.7		
	H	02.59	57.3		0.7			-	11.2	18.6	4.3	3.8
	Z	02.59	57.9		1.0				1.0	1.5		
25	A	03.17	36.7		0.8			+	17.2	8.2		
	H	03.17	36.6		0.8			+	14.4	26.5	4.8	4.0
	Z	03.17	37.1		0.9				5.8	5.6		
25	A	03.19	07.4		0.8			+	3.3	13.5		
	H	03.19	07.4		0.7			-	7.7	10.0	4.3	3.7
	Z	03.19	07.9		0.9				1.0	2.6		
25	A	04.09	24.5		0.9			+	6.2			
	H	04.09	24.0		0.8			-	20.3	18.6	5.2	3.4
	Z	04.09	24.4		1.0				1.6	1.6		
25	A	04.43	31.7		0.6			+	3.7	7.4		
	H	04.43	32.6		1.1				2.4	4.4	3.8	3.2
	Z	04.43	31.8		0.6				2.7	1.8		
25	A	05.57	01.9		0.5			-	67.1			
	H	05.57	02.6		1.2			-	22.4	39.5	2.5	4.4
	Z	05.57	02.0		0.5				16.6	15.8		
25	A	05.57	51.2		0.6			+	7.9			
	H	05.57	52.2		1.0			-	6.7	10.0	1.8	3.1
	Z	05.57	51.2		0.3				1.3	2.8		
25	A	06.22	14.7		0.7			+	0.6			
	H	06.22	16.0		1.1			+	1.7	2.4	2.8	2.4
	Z	06.22	14.7		0.4				3.4	3.5		
25	A	06.44	37.1		0.9			+	2.3	3.0		
	H	06.44	36.9		1.1			-	5.8	4.4	2.4	3.2
	Z	06.44	36.8		0.6				4.2	2.1		
25	A	07.27	59.1		0.7			+	1.2	1.0		
	H	07.27	59.7		1.2				0.4	0.5	1.4	2.6
	Z	07.27	58.2		0.2				5.0	4.5		
25	A	07.31	24.2		0.9			+	2.4	8.0		
	H	07.31	25.1		1.2			+	2.5	3.2	3.7	3.5
	Z	07.31	24.5		0.5				3.9	3.6		
25	A	10.53	09.2		0.9			+	17.2			
	H	10.53	08.6		0.6			-	22.3	20.4	4.0	3.9
	Z	10.53	09.4		1.0				2.0	3.5		
25	A	11.05	54.3		1.1			+	14.5	26.8		
	H	11.05	54.1		0.9			-	25.8	27.5	4.1	4.3
	Z	11.05	54.6		0.9			-	7.0	7.4		
25	A	11.06	39.8		1.0			+	9.5	10.0		
	H	11.06	39.4		0.7			-	11.0	17.6	1.4	3.9
	Z	11.06	40.0		0.8			-	6.0	6.4		
25	A	11.27	28.7		0.8			+	11.6	22.2		
	H	11.27	28.3		0.8			-	16.6	16.0	4.8	3.5
	Z	11.27	28.6		0.9			-	8.0	7.6		
25	A	11.27	50.5		0.9			+	1.5	1.9		
	H	11.27	50.2		0.6			-	2.4	3.3	2.7	3.2
	Z	11.27	50.4		0.8				3.2	1.3		
25	A	12.58	12.0		0.6			+	6.6	7.8		
	H	12.58	12.0		0.9				5.8	7.0	4.1	3.5
	Z	12.58	12.3		0.8			-	4.2	4.4		
25	A	13.12	22.2		0.5				0.6	0.6		
	H	13.12	23.1		1.2				0.3		0.5	2.0
	Z	13.12	21.9		0.3				0.4	2.0		
25	A	13.38	20.0		1.3			-	3.7	9.7		
	H	13.38	20.7		1.7			+	3.0	5.6	7.9	3.9
	Z	13.38	19.8		1.1			+	3.2	2.4		
25	A	13.48	17.0		0.6			+	3.2	2.6		
	H	13.48	17.5		1.0			-	2.8	1.4	2.0	2.9
	Z	13.48	16.6		0.3			-	3.7	4.0		
25	A	14.13	53.4		0.6			-	1.6	2.0		
	H	14.13	54.3		1.1			-	1.2	1.5	2.8	2.5
	Z	14.13	53.2		0.5			+	0.8	1.2		
25	A	14.20	58.6		0.7				2.2	0.6		
	H	14.20	58.1		1.0			+	0.8	2.0	2.4	2.8
	Z	14.20	58.3		0.4			-	3.0	2.9		
25	A	14.23	36.1		1.5				0.8	0.6		
	H	14.23	36.7		1.4				0.8	0.7	7.1	2.6
	Z	14.23	35.9		1.2				0.2	0.3		
25	A	15.28	16.9		1.0				1.9	2.0		
	H	15.28	16.7		1.0			-	3.6	3.6	6.2	3.4
	Z	15.28	16.6		1.0			+	5.7	3.0		
25	A	15.51	32.0		0.9				5.4	3.6		
	H	15.51	31.9		0.8			-	6.4	3.0	5.2	3.1
	Z	15.51	32.5		1.0				0.8	0.5		
25	A	16.31	31.7		0.9			+	2.0	6.5		
	H	16.31	31.5		1.0			-	3.2	2.4	5.2	3.5
	Z	16.31	31.7		0.8				3.2	1.4		
25	A	16.38	05.0		0.5			+	8.0	8.4		
	H	16.38	05.7		0.8				1.6	1.5	3.5	3.1
	Z	16.38	05.3		0.9			-	1.0	0.8		
25	A	19.29	50.9		1.0				1.2	1.3		
	H	19.29	51.3		1.2			-	2.1	3.6	6.9	3.3
	Z	19.29	50.8		1.2			+	4.0	1.9		
25	A	20.27	50.1		1.2			-	4.3			

May, 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
26	A	02.04	47.7		1.1			+	1.2	3.7	6.6	3.1
	H	02.04	47.3		1.0			+	2.6	2.6		
	Z	02.04	47.5		1.1				0.6	0.6		
26	A	04.49	45.0		1.0			+	8.4		6.7	3.7
	H	04.49	44.5		1.0			+	9.0	10.2		
	Z	04.49	45.1		1.2			+	2.2	1.8		
26	A	06.29	30.4		0.9			+	3.6	2.4	3.2	3.1
	H	06.29			1.4				2.0	1.4		
	Z	06.29	29.7		0.5			+	2.8	2.0		
26	A	09.49	37.8		0.9			+	9.6	9.2	4.6	3.2
	H	09.49			0.7			+	6.4	7.6		
	Z	09.49	37.9		1.1				0.4	0.3		
26	A	13.53	27.6		1.1			-	2.2		5.1	2.8
	H	13.53	26.8		0.7			+	3.1	5.0		
	Z	13.53	27.7		1.2				0.4			
26	A	14.59	49.1		1.0			-	1.6	1.8	4.5	3.0
	H	14.59	49.0		1.2				3.4	4.8		
	Z	14.59	48.5		0.7				1.0	2.0		
26	A	16.11	51.3		0.6			+	22.5	8.8	4.5	3.2
	H	16.11	51.6		1.0			+	3.3	4.6		
	Z	16.11	51.9		0.9				0.4	0.4		
26	A	16.25	13.7		0.9			-	15.0	11.0	3.8	4.1
	H	16.25	14.4		1.5				9.8	16.4		
	Z	16.25	13.5		0.7			+	10.6	9.2		
26	A	16.30	10.5		0.9			-	10.4	4.5	5.2	3.9
	H	16.30	11.2		1.3				5.7	9.5		
	Z	16.30	10.3		0.7			+	5.0	8.6		
26	A	16.55	46.7		0.7				1.6	1.0	3.8	2.5
	H	16.55	46.1		0.7				3.0	4.0		
	Z	16.55	47.0		0.8				0.6	0.4		
26	A	17.17	37.9		0.9			-	3.6	8.9	3.8	3.5
	H	17.17	38.4		1.4			-	1.0	1.0		
	Z	17.17	37.3		0.6			+	3.0	2.0		
26	A	18.09	49.6		0.7			-			2.4	2.5
	H	18.09	49.7		1.2				0.2			
	Z	18.09	49.2		0.4				2.2	1.6		
26	A	19.28	52.9		0.6			-			2.5	2.5
	H	19.28	53.0		1.0				0.4	0.5		
	Z	19.28	52.7		0.4				2.0	0.5		
26	A	19.30	18.6		0.9				0.8	0.8	3.2	2.5
	H	19.30	19.0		1.3				0.8	0.7		
	Z	19.30	18.3		0.5				1.8	1.0		
26	A	20.35	46.1		0.9			-	1.1	1.3	2.5	3.3
	H	20.35	46.1		1.1				0.6	0.4		
	Z	20.35	45.5		0.4			+	3.4	4.0		
26	A	21.26	02.8		0.9			+	3.4	8.5	2.6	3.7
	H	21.26	03.0		1.3			-	2.0	1.3		
	Z	21.26	02.0		0.4			+	6.6	9.4		
26	A	21.44	39.3		0.8			+	13.0	10.2	5.9	3.5
	H	21.44	39.6		1.1				1.8	2.3		
	Z	21.44	39.8		1.0			+	1.0			
26	A	23.16	41.7		0.9			+	3.0	3.2	2.2	3.0
	H	23.16	41.5		0.8			-	4.9	4.8		
	Z	23.16	41.8		0.7			+	1.4	1.6		
27	A	03.14	41.2		0.7			+	6.6	12.6	3.9	3.7
	H	03.14	40.9		0.7				7.9	12.2		
	Z	03.14	41.2		0.9			-	3.6	2.6		
27	A	03.24	57.3		1.1			+	2.4	7.8	4.7	3.5
	H	03.24	57.4		1.0			-	9.1	9.8		
	Z	03.24	57.2		0.9				1.7	1.6		
27	A	04.33	58.0		0.6			+	7.2	10.2	4.3	3.5
	H	04.33	58.1		0.9			-	3.5	5.0		
	Z	04.33	58.4		0.9			-	1.2	2.6		
27	A	05.22	00.4		0.8			+	9.2	13.2	4.6	3.6
	H	05.22	00.0		0.9				8.6	10.3		
	Z	05.22	01.7		0.8				1.4	2.2		
27	A	07.03	38.3		0.9			+	1.0	3.4	3.2	3.0
	H	07.03	38.1		0.8				5.3	4.4		
	Z	07.03	38.5		0.7				0.6	1.2		
27	A	07.52	13.6		1.0			+	2.4	7.8	5.6	3.5
	H	07.52	13.2		1.0				5.0	12.0		
	Z	07.52	13.7		0.9			-	1.9	0.6		
27	A	08.55	19.4		1.4				1.5	1.4	7.9	3.3
	H	08.55	20.1		1.4				0.8	0.9		
	Z	08.55	19.2		1.2				2.3	0.6		
27	A	16.02	45.1		0.9			+			3.7	3.2
	H	16.02	44.5		0.6			-	5.0	3.7		
	Z	16.02	45.5		1.0				1.0	1.6		
27	A	16.18	34.2		0.6			+	5.0	3.4	3.2	3.0
	H	16.18	34.9		1.1			-	2.0	1.2		
	Z	16.18	34.2		0.5				2.2	1.0		
27	A	16.50	06.3		1.0			+	2.8	2.1	4.6	3.0
	H	16.50	06.4		0.8			-	3.6	2.2		
	Z	16.50	06.3		0.9			+	1.0	0.4		
27	A	16.57	13.8		0.5			-	8.2	10.6	2.9	2.9
	H	16.57	14.1		0.7			+	3.4	3.0		
	Z	16.57	14.6		1.0				0.2	0.4		
27	A	17.16	19.9		0.6			+	1.8	1.6	3.3	2.4
	H	17.16	20.5		1.1			-		1.0		
	Z	17.16	19.9		0.6				0.8	0.8		
27	A	17.18	14.9		1.0			-	1.2	1.0	4.5	3.1
	H	17.18	15.0		1.1				0.9	1.6		
	Z	17.18	14.6		0.7				3.8	1.7		
27	A	17.59	04.7		0.9			+	1.8	3.4	4.6	3.0
	H	17.59	04.5		0.7			+	8.2	13.0		
	Z	17.59	04.8		1.0				0.8	0.8		
27	A	18.09	55.5		1.0			+	0.6	0.8	3.9	2.6
	H	18.09	54.9		0.9			-	1.5	1.2		
	Z	18.09	55.2		0.8				0.9	0.8		
27	A	20.17	55.5		1.0			-	10.4	15.0	3.1	3.9
	H	20.17	55.5		1.3			+	9.6	7.4		
	Z	20.17	54.9		0.5			+	6.8	6.8		
27	A	20.22	34.0		1.0			+	1.6	2.4	4.2	3.2
	H	20.22	34.5		1.4			-	0.8	1.0		
	Z	20.22	33.5		0.6			+	3.4	3.1		
27	A	20.36	40.4		1.0			+	2.4	3.2	2.5	3.1
	H	20.36	39.8		1.4			-	0.8	0.8		
	Z	20.36	40.0		0.5				2.6	2.4		
27	A	21.52			0.3			-	2.0	1.2	2.4	
	H	21.52	12.1		1.4				0.8	0.8		
	Z	21.52	11.1		0.7				2.2	2.1		
27	A	22.03	53.2		1.0			+	14.4	13.0	4.4	4.1
	H	22.03	53.1		0.9			-	21.8	35.3		
	Z	22.03	53.3		0.8				8.2	8.2		
27	A	22.24	41.3		1.0			+	3.2	3.3	4.3	3.3
	H	22.24	40.5		1.5			-	1.6	2.0		
	Z	22.24	39.9		0.7			+	3.8	3.2		
27	A	22.30	02.0		0.7			-	5.8	10.2	3.7	3.5
	H	22.30	01.8		0.8			-	8.2	10.0		
	Z	22.30	01.9		0.7			-	2.6	3.0		
27	A	22.33	51.4		0.6			+	3.8	6.8	2.6	3.0
	H	22.33	51.1		0.6			-	6.4	8.2		
	Z	22.33	51.7		0.7			-	1.0	1.5		
27	A	23.10	05.3		0.9			+	4.2	2.6	4.8	3.0
	H	23.10	05.2		0.9			-	2.6	4.5		
	Z	23.10	05.5		0.8				0.9	0.8		
27	A	23.21	00.1		0.9			-	9.4	8.8	4.3	3.6
	H	23.21			0.7				10.4	8.8		
	Z	23.20	59.9		1.0				1.7	1.0		
28	A	00.05	13.8		0.7			-	0.4		4.3	2.2
	H	00.05	13.7		1.0				0.3	0.4		
	Z	00.05	12.6		0.7			+	1.2	0.5		
28	A	00.39	22.7		0.7			+	1.6	1.8	4.1	2.7
	H	00.39	22.2		0.7			+	4.2	6.6		
	Z	00.39	22.6		1.0			-	0.6	0.6		
28	A	00.40	24.9		0.7			+	2.4	6.2	2.6	2.9
	H	00.40	24.7		0.7			-	3.9	5.0		
	Z	00.40	24.9		0.6				0.6	0.8		
28	A	01.09	47.5		0.7			+	3.8	7.6	5.3	3.2
	H	01.09	46.6		1.0			+	4.4	6.6		
	Z	01.09	48.8		0.9				0.6	1.0		
28	A	01.10	08.1		0.8			+	4.6	4.0	4.9	3.2
	H	01.10	07.9		0.8			+	7.6	11.4		
	Z	01.10	08.6		1.0				0.8	1.4		
28	A	01.57	33.8		1.1			+	1.4	2.0	4.4	3.0
	H	01.57	33.5		1.0			-	3.8	2.5		
	Z	01.57	33.8		0.8				1.4	1.6		
28	A	02.11	52.4		0.7			+	3.6	8.6	2.6	3.1
	H	02.11	51.7		0.5				15.8	14.2		
	Z	02.11	52.7		0.9			-	0.4	0.8		

**Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966**

65

May, 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude		
		h	m	s		E	N	U	E-W	N-S				
28	A	02.32	28.8		0.8			+	19.2	7.6				
	H	02.32	28.6		0.8			-	22.5	26.5	4.8	4.3		
	Z	02.32	29.3		0.9			-	10.0	12.2				
28	A	03.10			0.7			+	0.6					
	H	03.10	53.3		0.8			+	3.4	3.5	4.8	4.3		
	Z	03.10	54.8		1.2				1.2	1.0				
28	A	08.25	35.0		0.5			+	0.8	0.8				
	H	08.25	35.4		1.0				1.2	1.3	2.3	2.5		
	Z	08.25	34.6		0.4				4.0	3.4				
28	A	08.53	23.6		0.5			+	50.5	24.8				
	H	08.53	24.3		0.9				2.2	2.5	3.6	3.5		
	Z	08.53	24.0		0.9				0.5	0.6				
28	A	09.03	03.4		1.6			-	4.0	2.8				
	H	09.03	03.1		1.5			-	3.8	5.7	7.1	4.0		
	Z	09.03	02.8		1.3				6.8	4.0				
28	A	09.31	48.5		0.8			+	7.0	4.6				
	H	09.31	47.2		0.8				9.5	12.0	4.5	3.5		
	Z	09.31	48.8		0.9			+	1.5	2.4				
28	A	12.28	18.9		1.4			-	23.2	17.3				
	H	12.28	17.4		1.0				37.0	28.5	6.8	4.2		
	Z	12.28	19.2		1.4			-	1.8	2.2				
28	A	12.45	06.8		0.9			+	18.6	19.8				
	H	12.45	07.1		0.9				6.0	4.0	5.3	3.6		
	Z	12.45	07.1		1.0			-	1.0	0.7				
28	A	14.21	22.7		0.9			+	35.2	38.3				
	H	14.21	22.9		1.1				19.7	17.0	3.2	4.7		
	Z	14.21	22.0		0.5			+	34.0	29.5				
28	A	14.25	11.8		1.1					0.6				
	H	14.25	11.0		1.5				0.6	0.4	4.8	2.6		
	Z	14.25	11.0		0.7				1.0	1.4				
28	A	14.25	57.4		1.2				0.4	1.0				
	H	14.25	57.4		1.1				0.5	0.5		2.9		
	Z	14.25	56.6		0.6				3.0	1.4				
28	A	14.26	46.5		0.9			+	2.0	3.0				
	H	14.26	46.8		1.1				1.7	1.6	1.4	3.3		
	Z	14.26	45.9		0.4				6.4	5.0				
28	A	14.27	11.7		0.8				0.8	0.4				
	H	14.27	12.2		1.0				0.6	0.6		2.5		
	Z	14.27	11.3		0.3				4.1	2.9				
28	A	14.29	26.1		0.8				0.6	0.3				
	H	14.29	26.1		1.0				0.4	0.5	2.2	2.7		
	Z	14.29	25.8		0.4				4.7	4.2				
28	A	14.29	58.0		0.9				1.0	1.8				
	H	14.29	57.9		1.1				0.6	0.6		2.9		
	Z	14.29	57.4		0.5				2.8	0.7				
28	A	14.55	29.7		0.7			+	0.6	1.2				
	H	14.55	29.7		0.9				0.8	1.0	0.9	2.8		
	Z	14.55	29.1		0.3			-	4.0	6.4				
28	A	14.59	01.3		0.8			+	6.0	7.0				
	H	14.59	01.2		1.2				2.6	3.3	2.4	3.2		
	Z	14.59	01.0		0.4			-	3.5	3.3				
28	A	14.59	13.1		0.7				2.2	2.0				
	H	14.59	13.3		1.1				1.8	3.0	2.2	2.8		
	Z	14.59	12.7		0.3				3.4	4.0				
28	A	15.13	19.4		1.1				0.4	0.7				
	H	15.13	19.8		1.3				0.5	0.8	3.7	2.6		
	Z	15.13	18.8		0.6				0.6	1.2				
28	A	15.22	52.0		1.1			+	1.4	1.5				
	H	15.22	51.9		1.2				1.4	1.6	3.3	3.0		
	Z	15.22	51.4		0.7			+	2.8	2.2				
28	A	15.42	35.9		1.2			+	1.2	2.6				
	H	15.42	35.8		1.4				1.2	1.2	1.5	3.3		
	Z	15.42	34.9		0.6			+	3.4	2.4				
28	A	16.05	10.6		0.8				1.3	1.0				
	H	16.05	10.9		1.1				0.4	0.3	1.8	2.4		
	Z	16.05	09.9		0.3				1.6	1.4				
28	A	16.59	17.1		1.1				18.2	6.4				
	H	16.59	16.5		0.7				9.7	12.6	3.9	3.9		
	Z	16.59	17.7		1.1					2.0				
28	A	17.02	05.4		0.7			+	2.2	2.5				
	H	17.02	05.9		1.1				1.8	2.5	1.7	2.8		
	Z	17.02	05.1		0.3			-	4.2	4.0				
28	A	18.55	50.4		0.7			-	1.6	3.6				
	H	18.55	51.1		1.0				0.4	0.3	2.5	3.1		
	Z	18.55	49.5		0.4				5.0	4.6				
28	A	19.43	43.0		1.2			-						
	H	19.43	43.3		1.4									
	Z	19.43	42.4		0.6			-						
28	A	22.33	49.3		0.4			+						
	H	22.33	49.4		1.2			-						
	Z	22.33	48.7		0.6			+						
28	A	22.40	09.5		1.1									
	H	22.40	09.7		1.2									
	Z	22.40	08.8		0.6									
29	A	00.03	45.0		0.8			+						
	H	00.03	44.9		0.7			+						
	Z	00.03	45.7		1.1									
29	A	01.24	25.2		0.7			+						
	H	01.24	25.3		0.9			-						
	Z	01.24	25.7		0.9			-						
29	A	02.17	09.5		0.9									
	H	02.17	10.1		1.3									
	Z	02.17	09.3		0.3			-						
29	A	04.39	19.4		1.0									
	H	04.39	19.1		1.3			-						
	Z	04.39	18.7		0.8									
29	A	06.01	00.0		0.7			-						
	H	06.00	59.9		0.9			+						
	Z	06.01	00.3		1.0			-						
29	A	09.09	54.1		0.8			+						
	H	09.09	54.5		1.0			-						
	Z	09.09	53.8		0.4			+						
29	A	10.38	06.8		1.0			+						
	H	10.38	06.6		0.9			-						
	Z	10.38	06.9		0.8									
29	A	11.39	59.9		1.0			+						
	H	11.39	59.3		1.0			-						
	Z	11.39	59.7		0.9									
29	A	12.47	51.6		1.1			-						
	H	12.47	52.4		1.5			-						
	Z	12.47	51.2		0.5			-						
29	A	12.49	17.0		0.9			+						
	H	12.49	17.7		1.3									
	Z	12.49	17.2		0.9			+						
29	A	14.06	19.1		1.0									
	H	14.06	19.3		1.3			-						
	Z	14.06	18.4		0.4									
29	A	14.39	43.2		0.8									
	H	14.39												

Seismological Data of Matsushiro Earthquake Swarm (Report II)

May, 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
30	A	00.51	38.3		0.9				2.4	1.2	6.0	2.9
	H	00.51	37.8		1.1			3.0	3.4			
	Z	00.51	37.7		0.9		-	1.0	0.4			
30	A	00.56	00.3		0.9				1.4	2.0	4.5	3.1
	H	00.56	00.3		0.8		+	4.2	5.2			
	Z	00.56	00.5		0.9			2.1	0.8			
30	A	01.12	46.2		1.0				1.2	1.2	4.3	2.9
	H	01.12	46.4		1.3			0.6	0.4			
	Z	01.12	45.6		0.6		+	2.4	1.4			
30	A	01.13	13.9		0.7				0.5	0.5	2.4	2.1
	H	01.13	13.8		0.9			0.8	1.4			
	Z	01.13	13.7		0.4			1.2	2.0			
30	A	01.55							0.6	0.7	5.0	2.6
	H	01.55	51.4				+	7.4	10.4			
	Z	01.55	51.4					1.2	1.3			
30	A	01.59	33.1		0.8				12.6	22.0	4.4	4.1
	H	01.59	32.8		0.7		+	17.8	27.6			
	Z	01.59	33.3		1.0		-	5.6	4.4			
30	A	02.08	50.3		0.7					0.2	2.0	
	H	02.08	49.9		0.7			0.5	0.5			
	Z	02.08						2.8	1.0			
30	A	03.11	16.1		0.6					6.8	3.7	3.4
	H	03.11	16.4		1.1		-	2.6	3.2			
	Z	03.11	15.9		0.6			3.4	4.0			
30	A	03.20	59.9						5.0	5.8	5.9	3.7
	H	03.21	00.4				+	3.4	5.0			
	Z	03.20	59.8				+	6.2	5.3			
30	A	07.08	20.6		1.0				2.2	4.0	3.0	2.8
	H	07.08	19.9		0.8		-	4.0	6.4			
	Z	07.08	20.7		0.8			0.4				
30	A	07.23	42.5		1.0				0.4	1.2	6.4	3.0
	H	07.23	41.8		1.0		+	1.8	2.2			
	Z	07.23	39.3		1.4			2.3	1.4			
30	A	10.09	08.9		0.9				5.0	5.4	4.8	3.1
	H	10.09	09.0		0.8		+	2.8	5.8			
	Z	10.09	09.0		0.9			0.7	0.5			
30	A	10.52	57.2		1.1				2.3	1.8	2.8	3.2
	H	10.52	56.7		1.0		+	2.0	2.0			
	Z	10.52	56.8		0.8		-	2.2	1.4			
30	A	11.06	35.1		1.0				2.4	0.8	3.7	3.3
	H	11.06	35.0		1.2		-	0.6	1.2			
	Z	11.06	34.0		0.6			4.0	5.8			
30	A	11.25	50.3		1.0				0.4	1.2	2.4	
	H	11.25	49.8		1.0			1.1	1.2			
	Z	11.25					-	0.6	0.8			
30	A	13.27	50.0		1.4				13.0	12.3	7.7	4.4
	H	13.27	50.3		1.9			19.5	29.0			
	Z	13.27	49.5		1.2			5.4	9.6			
30	A	14.16	13.0		0.9				2.0	1.6	3.8	3.0
	H	14.16	12.2		0.6		-	5.8	7.6			
	Z	14.16	12.9		1.0			1.3	1.4			
30	A	16.02	11.1		1.1				1.6	5.0	3.2	
	H	16.02	11.3		1.4			1.2	1.4			
	Z	16.02					-	2.2	1.6			
30	A	16.02	23.5		1.1				2.1	1.3	2.1	2.9
	H	16.02	23.7		1.5			0.6	0.7			
	Z	16.02	22.6		0.5		-	1.4	1.5			
30	A	17.03	04.1		0.7				16.2	15.5	3.6	3.4
	H	17.03	04.0		0.6		-	12.2	11.8			
	Z	17.03	04.5		1.0			0.8	1.0			
30	A	17.32	06.3		1.1				0.4	0.5	4.7	2.5
	H	17.32	05.8		1.1		+	1.2	1.8			
	Z	17.32	05.5		0.8			0.9	1.0			
30	A	18.45	30.3		0.8				9.2	8.2	3.7	3.2
	H	18.45	29.5		0.6		+	4.2	6.0			
	Z	18.45	30.4		1.1			0.4	0.6			
30	A	18.51	07.7		0.9				4.2	8.3	5.2	3.6
	H	18.51	07.2		1.0		+	9.0	11.3			
	Z	18.51	07.4		0.8		-	1.5	3.0			
30	A	19.43	53.9		0.6				11.4	10.0	3.9	3.6
	H	19.43	53.7		0.9		+	2.4	3.8			
	Z	19.43	53.4		0.7		-	4.2	3.0			
30	A	19.54	03.0		1.0				2.2	1.0	3.1	2.7
	H	19.54	02.7		1.3			3.2	6.4			
	Z	19.54	02.9		0.5				1.0			
30	A	19.58	26.3		0.5						3.1	3.4
	H	19.58	25.6		1.1							
	Z	19.58	26.1		0.6							
30	A	22.52	31.7		0.7					0.6	2.2	
	H	22.52	31.5		0.8					1.8		
	Z	22.52	30.8							1.2		
31	A	00.46	23.5		1.0					6.0	6.2	3.8
	H	00.46	22.6		1.0					10.6		
	Z	00.46	23.1		1.0					2.0		
31	A	03.08	01.7		0.6					7.8	4.0	3.3
	H	03.08	01.9		0.9		-			5.0		
	Z	03.08	01.9		0.7					1.3		
31	A	08.12	25.2							2.6	1.6	2.7
	H	08.12	25.0							0.8		
	Z	08.12	24.1				-			2.5		
31	A	09.36	08.8		0.7					2.1	3.5	3.0
	H	09.36	08.5		0.7					7.0		
	Z	09.36	08.8		0.7		-			1.2		
31	A	11.07	19.4		0.9					0.4	1.9	2.1
	H	11.07	19.4		0.9					0.4		
	Z	11.07	18.4		0.5					0.5		
31	A	11.29	58.6		0.6					1.0	1.6	2.5
	H	11.29	58.6		0.9					0.6		
	Z	11.29	57.9		0.4					3.0		
31	A	11.42	35.4		0.9					0.2	3.3	2.3
	H	11.42	35.9		1.4		-			0.2		
	Z	11.42	34.9		0.5					2.2		
31	A	15.12	40.6		1.0					3.6	5.0	3.4
	H	15.12	40.3		1.0		-			5.8		
	Z	15.12	40.4		0.9					3.3		
31	A	15.35	29.7		1.0					6.7	6.0	3.9
	H	15.35	29.5		1.0					7.6		
	Z	15.35	29.5		1.0		+			6.8		
31	A	15.53	36.7		0.9					0.6	2.1	2.7
	H	15.53	36.4		0.9					1.2		
	Z	15.53	36.1		0.6		-			1.6		
31	A	16.33	10.8		0.7					6.0	4.1	3.0
	H	16.33	11.2		0.8					1.5		
	Z	16.33	11.0		1.1		-			0.4		
31	A	16.46	56.9							0.9	6.8	3.0
	H	16.46	54.6		1.2					2.2		
	Z	16.46	56.4		1.0		+			2.6		
31	A	17.18	29.5		1.0					1.5	4.2	3.1
	H	17.18	29.7		1.4					0.8		
	Z	17.18	28.7		0.6		+			1.8		
31	A	17.36	13.9		0.9					0.2	3.9	2.4
	H	17.36	12.9		1.2					0.9		
	Z	17.36	13.3		0.6					1.0		
31	A	17.51	37.2							0.5	2.0	
	H	17.51	37.6							0.2		
	Z	17.51	36.3							1.3		
31	A	17.59	40.7							0.4	0	2.4
	H	17.59	40.6							0.4		
	Z	17.59	39.5							0.5		
31	A	20.02	35.6		0.9					1.7	2.5	2.7
	H	20.02	35.0		0.5					6.1		
	Z	20.02	35.7		0.9					2.0		
31	A	20.46	03.5							0.6	2.2	
	H	20.46	03.7							0.2		
	Z	20.46	02.9							0.8		
31	A	20.49	49.9		0.8					3.3	3.8	3.4
	H	20.49	49.6		0.8		+			8.2		
	Z	20.49	49.9		0.8		-			3.3		
31	A	21.16	21.4		0.8					5.0	4.4	3.2
	H	21.16	20.7		0.7					8.5		
	Z	21.16	21.4		1.0					1.0		
31	A	21.21	27.5		1.0					1.3	4.2	2.6
	H	21.21	26.8		0.8		+			4.6		
	Z	21.21	27.3		0.9					0.4		
31	A	21.27	13.5		1.0					6.0	3.9	3.3
	H	21.27	12.9		0.8					6.2		
	Z	21.27	13.9		0.9					0.8		
31	A	22.23	54.2		0.9					1.0	2.8	2.7
	H	22.23	54.3		0.9					1.8		
	Z	22.23	53.9		0.6		+			0.9		

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

67

Jun. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
1966 June												
01	A	00.12	59.4		0.9				5.6	4.7		
	H	00.12	58.5		0.7				4.8	3.8	3.4	3.1
	Z	00.12	59.4		0.9				0.6	0.4		
01	A	01.03	29.2		1.0				3.8	5.6		
	H	01.03	28.8		0.8		-		8.2	10.7	4.2	3.3
	Z	01.03	29.2		0.9				1.3	0.6		
01	A	02.53	50.4		1.3		+		6.8	20.0		
	H	02.53	49.9		1.0				11.0	14.6	4.8	4.0
	Z	02.53			1.1		+		1.0	1.9		
01	A	04.46	51.1		0.9				5.0	6.6		
	H	04.46	50.9		0.8		-		5.9	6.6	5.2	3.3
	Z	04.46	51.5		1.0				1.0	1.3		
01	A	04.56	12.0		1.0				0.4	0.4		
	H	04.56	12.1		0.7				0.3	0.4	2.4	
	Z	04.56	11.2						1.5	1.0		
01	A	06.18	04.8		0.9		+		2.0	1.2		
	H	06.18	05.2		1.1				1.0	0.8	3.6	2.8
	Z	06.18	04.5		0.6				0.8	1.4		
01	A	07.01	32.2		1.0				4.0	4.0		
	H	07.01	31.7		0.8				4.8	6.3	3.4	3.1
	Z	07.01	32.5		0.9				0.6	0.9		
01	A	07.44	23.7		0.7				0.2	0.5		
	H	07.44	23.5		1.0				0.2	0.2	2.3	2.0
	Z	07.44	23.1		0.4		-		1.2	1.0		
01	A	12.14	39.7		1.1				1.1	1.0		
	H	12.14	39.5		1.1		-		3.9	3.4	4.4	2.8
	Z	12.14	39.5		0.8				1.2	0.8		
01	A	12.18	22.9		1.0				1.2	1.6		
	H	12.18	23.0		1.0				2.2	3.2	4.8	2.9
	Z	12.18	23.1		0.8				1.2	0.8		
01	A	12.22	49.0		0.7				0.8	3.6		
	H	12.22	49.3		1.0		-		1.2	1.4	1.5	3.2
	Z	12.22	48.3		0.3		-		7.2	5.8		
01	A	12.47	03.7		0.8				2.1	7.2		
	H	12.47	04.0		1.0		-		1.0	1.1	2.5	2.9
	Z	12.47	03.0		0.4		+		0.8	1.0		
01	A	14.33	51.9		0.5				4.9	8.7		
	H	14.33	52.8		1.1				2.6	4.4	3.4	3.2
	Z	14.33	52.2		0.7				2.3	2.1		
01	A	16.49	54.5		0.7				0.8	0.6		
	H	16.49	55.9		0.9				0.3	0.4	2.5	2.3
	Z	16.49	54.7		0.5				1.2	0.9		
01	A	18.31	21.9		0.8				6.5	14.6		
	H	18.31	21.6		0.9		-		16.8	23.2	5.4	3.7
	Z	18.31	22.3		1.0				2.2	1.8		
01	A	19.49	57.5		1.3				0.6	0.7		
	H	19.49	57.3		1.9		+		2.1	2.6	2.3	2.3
	Z	19.49	57.3		0.8				0.5			
01	A	20.01	11.5		1.3				7.7	11.4		
	H	20.01	12.2		1.9		+		7.8	12.2	6.3	4.3
	Z	20.01	10.7		1.2				4.2	7.7		
01	A	20.03	24.0		0.5		+		0.7	0.5		
	H	20.03	24.6		1.7				0.5	0.2		
	Z	20.03	23.8				-		1.2	1.6	2.0	
01	A	20.39	06.6		1.0				2.9	5.8		
	H	20.39	05.9		1.0				12.4	22.0	6.2	3.3
	Z	20.39	06.6		1.0				1.2	0.8		
01	A	21.30	02.9		1.0				2.4	6.9		
	H	21.30	02.5		0.9		-		7.6	11.4	3.8	3.5
	Z	21.30	02.8		0.8		-		1.0	2.3		
01	A	22.02	32.3		1.0				4.6	11.0		
	H	22.02	32.0		0.9		-		5.6	8.0	5.9	3.7
	Z	22.02	32.2		1.0				1.9	1.6		
02	A	00.11	16.0		1.0				4.1	4.6		
	H	00.11	16.4		1.3		+		1.6	2.0	5.1	3.4
	Z	00.11	15.6		0.7				1.8	2.8		
02	A	01.09	12.4		1.5				1.6	1.7		
	H	01.09	12.8		2.0		+		1.3	1.3	8.5	3.0
	Z	01.09	12.1		1.3				0.6	0.4		
02	A	04.07	29.5		0.8				2.5	1.0		
	H	04.07	29.7		1.1		-		4.6	7.0	5.1	3.2
	Z	04.07	28.9		0.8				3.1	2.2		
02	A	05.13	06.9		0.7							
	H	05.13	07.4		0.9			+				
	Z	05.13	07.4		0.9			-				
02	A	05.14	56.7		0.9				0.8	0.7		
	H	05.14	57.4		0.9				0.4	0.4	2.5	2.6
	Z	05.14	56.3		0.5				2.2	0.8		
02	A	06.30	05.9		0.7				0.6	1.1		
	H	06.30	06.4		0.9				0.6	0.6	2.6	2.6
	Z	06.30	05.5		0.5		-		2.4	1.0		
02	A	07.43	02.3		1.1				8.4	10.0		
	H	07.43	01.9		1.0				11.8	8.0	6.3	4.0
	Z	07.43	02.2		1.1				3.7	6.2		
02	A	07.59	59.2		0.6				22.0	41.1		
	H	08.00	00.1		1.3		+		9.6	12.4	3.4	4.2
	Z	07.59	59.3		0.8		+		7.4	4.7		
02	A	08.18	32.5		1.0				0.4	0.6		
	H	08.18	32.5		1.0				1.0	1.8	2.3	2.6
	Z	08.18	32.5		0.6				2.0	0.8		
02	A	08.26	44.5		1.1				4.1	5.9		
	H	08.26	43.9		0.8		+		4.5	3.5	5.8	3.2
	Z	08.26	44.7		1.2				0.6	0.3		
02	A	08.59	36.3		0.7				23.9	52.6		
	H	08.59	36.1		0.7				36.3	23.2	3.7	4.2
	Z	08.59	36.6		0.9		-		4.6	5.2		
02	A	09.27	30.1		0.7				7.8	13.4		
	H	09.27	30.0		0.7		-		4.3	5.8	3.7	3.4
	Z	09.27	30.2		0.8				1.0	1.2		
02	A	10.46	23.0		1.0				5.0	6.4		
	H	10.46	22.3		0.9		+		5.0	3.4	5.8	3.6
	Z	10.46	23.5		1.1				2.6	1.0		
02	A	12.16	28.8		1.1				2.8	7.2		
	H	12.16	27.9		1.0		+		5.7	6.9	6.9	3.4
	Z	12.16	29.0		1.2		+		1.0	0.8		
02	A	13.17	59.3		1.0		+		7.2	14.8		
	H	13.17	58.7		0.8		-		15.8	12.3	4.7	4.1
	Z	13.17	59.3		1.0		-		7.8	5.2		
02	A	13.19	32.0		0.5		+		10.3	27.4		
	H	13.19	32.9		1.0		+		2.4	2.3	3.6	3.0
	Z	13.19	31.9		0.7		-		1.8	1.0		
02	A	14.30	17.7		0.8		+		1.6	3.6		
	H	14.30	17.3		0.8				4.6	4.3	4.1	2.6
	Z	14.30	17.9		0.8				0.7	0.6		
02	A	15.48	35.1		1.0				2.4	4.1		
	H	15.48	34.8		0.8		-		2.9	2.7	4.9	3.4
	Z	15.48	35.1		0.9				2.6	1.0		
02	A	18.02			0.8				2.4	1.7		
	H	18.02	43.3		0.9				0.4	0.5	1.9	2.9
	Z	18.02	42.5		0.5				2.4	2.4		
02	A	18.02			0.8				1.8	1.2		
	H	18.02	58.0		1.0				1.4	3.8	4.8	2.8
	Z	18.02	57.1		0.8				1.2	1.6		
02	A	20.58	26.2		1.1				1.0	1.0		
	H	20.58	25.6		0.7				4.4	3.7	3.9	2.7
	Z	20.58	26.3		1.0				0.6	0.4		
02	A	21.20	54.7		0.9				0.8	1.1		
	H	21.20	55.1		1.4		-		0.6	0.6	4.4	2.9
	Z	21.20	54.1		0.6				2.0	2.7		
02	A	21.32	12.4		0.7				21.32	12.4		
	H	21.32	12.7		0.9							
	Z	21.32	12.1		0.4		-		1.4	1.2		
02	A	21.38	48.8		1.0							
	H	21.38	48.8		1.0		+		3.3	2.4	5.2	3.1
	Z	21.38	48.6		0.9				2.4	1.4		
02	A	21.49	31.6		0.8							
	H	21.49	32.0									

Jun. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
03	A	01.32	24.0		0.4				3.4	4.6		
	H	01.32	24.5		1.0				2.2	3.8		
	Z	01.32	24.1		0.6				2.1	2.7	2.4	3.0
03	A	01.46	51.1		0.5				0.2	0.3		
	H	01.46	51.0		0.8				0.4	0.2	0.4	1.9
	Z	01.46	50.5		0.4				2.2	1.0		
03	A	01.47	52.3		0.9			+	2.1	5.4		
	H	01.47	52.5		0.8			-	5.4	7.2	4.4	3.4
	Z	01.47	52.5		0.9				2.2	1.6		
03	A	01.51	28.2		0.9				1.2	1.1		
	H	01.51	28.6		1.2				0.2	0.2	3.4	2.8
	Z	01.51	27.7		0.5				2.2	2.6		
03	A	02.19	26.0		0.8				3.0	6.7		
	H	02.19	26.3		1.0			+	2.1	1.8	3.2	3.4
	Z	02.19	25.4		0.5			-		4.0		
03	A	02.50	21.1		0.9				11.1	9.3		
	H	02.50	20.2		0.6				10.8	8.9	4.4	3.4
	Z	02.50	21.4		1.2				0.6	0.6		
03	A	02.55	55.8		0.6				7.8	8.7		
	H	02.55	56.8		1.3				2.0	3.0	3.5	3.0
	Z	02.55	55.9		0.8				0.6	0.7		
03	A	03.26	27.2		0.6			+	5.8	7.2		
	H	03.26	26.7		1.0				11.0	8.2	4.3	3.0
	Z	03.26	27.0		1.0				4.4	3.0		
03	A	03.26	37.9		1.0			+	3.7	7.4		
	H	03.26	37.5		0.9			-	11.8	8.6	5.5	3.8
	Z	03.26	37.7		1.0			+	4.3	5.2		
03	A	04.10	31.4		1.0			+	3.2	6.0		
	H	04.10	31.0		1.0			-	4.6	6.6	6.1	3.6
	Z	04.10	30.9		1.0				2.9	1.4		
03	A	05.03	47.4		0.9			+	7.7	11.1		
	H	05.03	47.6		0.9				5.4	8.1	4.3	3.9
	Z	05.03	47.4		0.8			-	6.4	4.9		
03	A	06.17	33.5		0.5			+	50.1	12.0		
	H	06.17	34.1		1.0			+	4.2	4.0	3.7	4.2
	Z	06.17	34.0		0.8			-	5.0	7.3		
03	A	06.17	52.7		0.5				7.8	11.6		
	H	06.17	53.3		1.0			+	1.4	2.8	3.7	3.1
	Z	06.17	53.0		0.9				1.0	0.5		
03	A	06.18	04.7		0.6			+	9.5	7.8		
	H	06.18	05.3		1.0				1.0	1.4	3.9	3.2
	Z	06.18	05.1		0.9				1.0	0.7		
03	A	07.29	55.6		1.0							
	H	07.29	55.4		1.2			+	5.4	6.0	6.9	2.5
	Z	07.29	56.1		1.0				0.6	0.6		
03	A	08.04	39.2		0.7				2.9	5.4		
	H	08.04	40.5		1.2				0.8	1.5	4.6	3.2
	Z	08.04	38.7		0.8				1.8	1.4		
03	A	08.13	26.8		0.8			-	2.0	8.1		
	H	08.13	27.7		1.4				1.4	1.4	4.0	3.3
	Z	08.13	26.2		0.6				1.2	1.8		
03	A	10.13	11.8		0.5			-	5.8	8.0		
	H	10.13	12.5		1.0			+	4.6	7.5	3.3	3.2
	Z	10.13	11.8		0.6				1.1	2.1		
03	A	12.48	23.0		0.9				0.6	0.7		
	H	12.48	23.0		1.3			-	0.7	0.9	4.1	2.9
	Z	12.48	22.1		0.6				2.9	4.3		
03	A	12.48	39.0		1.0				1.8	2.9		
	H	12.48	39.2		1.2			-	1.8	2.2	2.3	3.5
	Z	12.48	38.3		0.6				4.1	9.5		
03	A	12.57	25.3		0.7				1.8	5.2		
	H	12.57	25.0		0.7				0.9	2.8	4.2	3.0
	Z	12.57	24.8		1.0				0.6	0.2		
03	A	13.40	59.8		0.9				0.3	0.6		
	H	13.41	00.4		1.0				0.5	0.6	2.3	2.3
	Z	13.40	59.1		0.5				0.5	1.2		
03	A	14.13	04.7		0.9				0.7	1.4		
	H	14.13	04.0		0.8				1.2	2.0	4.3	3.0
	Z	14.13	04.1		0.9				2.4	0.8		
03	A	14.16	43.9		0.5				0.6	0.9		
	H	14.16	43.6		1.0				1.1	1.3	3.7	2.3
	Z	14.16	42.9		0.8				0.6	0.7		
03	A	15.56	11.8		0.7				3.7	6.3		
	H	15.56	12.6		1.1				1.2	2.2	3.5	3.4
	Z	15.56	11.4		0.5			+	4.1	3.8		
03	A	16.01	20.6		0.7							
	H	16.01	21.4		1.1							
	Z	16.01	20.1		0.4						2.9	2.8
03	A	16.15	52.1		0.8							
	H	16.15	52.8		1.3							
	Z	16.15	51.3		0.5						3.5	2.5
03	A	16.47	15.7		1.0							
	H	16.47	15.5		1.0			-				
	Z	16.47	15.4		0.9						5.7	3.0
03	A	17.09	41.5		0.9							
	H	17.09	41.0		1.0			+				
	Z	17.09	41.4		1.0						5.9	3.9
03	A	21.52	38.7		0.9							
	H	21.52	38.2		0.7							
	Z	21.52	38.4		0.9						3.9	2.7
03	A	22.38	39.1		0.8							
	H	22.38	39.7		1.2			+				
	Z	22.38	38.3		0.5						3.6	3.4
03	A	23.53	46.9		1.2							
	H	23.53	47.8		1.9			+				
	Z	23.53	46.3		1.0						2.6	3.3
04	A	00.33	21.0		0.8							
	H	00.33	21.7		0.7							
	Z	00.33	20.8		0.9						4.0	3.3
04	A	00.43	54.9		0.6							
	H	00.43	56.0		1.3							
	Z	00.43	54.8		0.8			+			3.3	2.9
04	A	01.53	47.2		0.6			+				
	H	01.53	47.1		0.7							
	Z	01.53	46.9		0.8			-			3.4	2.6
04	A	03.00	41.6		0.9							
	H	03.00	41.8		1.3							
	Z	03.00	40.9		0.7						5.1	3.1
04	A	03.13	00.7		0.9							
	H	03.13	00.8		1.0							
	Z	03.13	00.0		0.8						5.0	3.1
04	A	03.32	17.1		0.7			+				
	H	03.32	18.0		1.2							
	Z	03.32	17.4		0.8						4.5	3.9
04	A	05.35	50.9		0.7							
	H	05.35	50.8		0.6			-				
	Z	05.35	50.8		0.8						3.2	3.1
04	A	06.20	53.2		0.9							
	H	06.20	54.0		1.5							
	Z	06.20	53.2		0.5						1.5	2.4
04	A	07.35	42.9		0.8			+				
	H	07.35	42.9		0.8							
	Z	07.35	42.9		0.8			-			4.3	4.0
04	A	07.39	53.3		1.0			+				
	H	07.39	53.4		1.1							
	Z	07.39	52.9		0.9						5.9	3.2
04	A	08.28	56.6		0.5							
	H	08.28	57.5		1.0							
	Z	08.28	56.4		0.6						3.3	3.0

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

69

Jun. 1966

The Period from Oct. 1955 to Dec. 1956													
Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude	
		h	m	s		E	N	U	E-W	N-S			
04	A	11.30	26.7		0.7				2.8	4.2			
	H	11.30	27.3		0.9			-	2.5	3.9	2.7	3.3	
	Z	11.30	26.2		0.5			-		8.0			
04	A	12.09	25.9		1.0				3.0	1.8			
	H	12.09	25.8		1.2			-	4.5	7.4	5.7	3.4	
	Z	12.09	25.3		0.8				3.6	2.3			
04	A	13.04	37.2		0.9				2.8	2.8			
	H	13.04	37.9		1.4				2.1	3.0	4.3	3.0	
	Z	13.04	36.7		0.6				0.8	1.8			
04	A	13.50	41.2		0.7				2.7	5.6			
	H	13.50	41.9		1.2				1.3	2.4	3.4	3.2	
	Z	13.50	40.7		0.5					3.6			
04	A	16.10	01.6		1.0				1.4	0.8			
	H	16.10	02.4		1.0				0.6	0.7	0.7	2.7	
	Z	16.10	00.6		0.6				0.8	1.4			
04	A	20.40	42.6		1.0				6.7	5.4			
	H	20.40	42.1		0.9			-	12.2	15.8	5.9	3.7	
	Z	20.40	42.3		1.1			-	4.4	2.8			
04	A	21.37	26.9		0.7				0.4	0.3			
	H	21.37	27.2		0.6				0.4	0.2	2.2		
	Z	21.37	26.1		0.5				1.6	1.9			
04	A	22.41	48.1		1.1				4.2	2.7			
	H	22.41	47.5		0.9				5.9	5.7	5.6	2.2	
	Z	22.41	47.8		1.1				1.0	0.8			
05	A	02.14	04.1		0.6				9.4	5.2			
	H	02.14	04.8		1.0			+	2.2	3.2	3.2	3.3	
	Z	02.14	03.7		0.5			-	2.4	2.5			
05	A	02.18	52.5		0.7				2.9	1.4			
	H	02.18	53.3		1.1			+	2.8	3.6	3.5	3.2	
	Z	02.18	52.2		0.5			-	4.8	5.1			
05	A	02.30	41.0		0.7				1.4	1.1			
	H	02.30	41.2		1.1				1.6	2.8	3.2	2.8	
	Z	02.30	40.4		0.5				3.2	3.4			
05	A	02.32	51.1		0.6				0.4	0.2			
	H	02.32	51.8		1.1				0.6	0.6	2.8	1.9	
	Z	02.32	51.1		0.5				1.0	0.8			
05	A	03.20	20.8		0.7				4.9	3.1			
	H	03.20	21.3		1.1				4.3	5.2	3.7	3.5	
	Z	03.20	20.3		0.5			-		8.4			
05	A	03.53	02.4		0.6			+	2.8	2.6			
	H	03.53	03.1		0.9				2.1	2.4	3.5	2.8	
	Z	03.53	02.2		0.6				1.0	1.7			
05	A	05.50	10.1		0.8				1.2	0.3			
	H	05.50	10.2		1.1				1.4	2.5	4.8	2.7	
	Z	05.50	09.3		0.7				1.0	1.6			
05	A	06.09	16.4		1.2				2.6	1.6			
	H	06.09	16.3		1.0				5.3	4.0	3.9	3.4	
	Z	06.09	16.0		0.9			+	2.8	2.4			
05	A	06.09	19.0		1.1			+	10.0	10.2			
	H	06.09	18.6		1.0				12.3	9.7	5.0	4.1	
	Z	06.09	18.5		0.9			+		8.8			
05	A	06.56	12.6		1.0				40.2	18.4			
	H	06.56	13.1		1.3			-	18.3	16.1	3.7	4.6	
	Z	06.56	11.9		0.6			+		24.4			
05	A	06.58	11.6		1.0				3.2	3.6			
	H	06.58	12.3		1.3				1.0	1.3	3.1	3.1	
	Z	06.58	10.9		0.5				1.2	1.8			
05	A	07.42	18.6		0.9				3.4	3.0			
	H	07.42	18.6		1.0				10.9	12.8	5.7	3.1	
	Z	07.42	18.1		0.9				1.0	1.4			
05	A	07.44	40.9		0.7								
	H	07.44	41.7		1.0				0.7	1.2	3.4	2.6	
	Z	07.44	40.0		0.5			+	1.9	1.8			
05	A	08.40	56.5		0.7			+	46.2	27.5			
	H	08.40	58.2		0.9			+	12.5	14.6	4.2	4.2	
	Z	08.40	56.9		0.7			-	3.8	7.3			
05	A	08.49	26.1		0.9								
	H	08.49	27.1		0.7				3.3	3.3	3.2	3.0	
	Z	08.49	26.1		0.8				2.1	1.2			
05	A	10.30	36.2		1.0								
	H	10.30	37.6		1.1			-	1.6	1.8	6.6	2.6	
	Z	10.30	37.9		1.1			+	0.7	0.6			
05	A	12.19	26.8		0.9				1.2	2.6			
	H	12.19	26.4		0.9			+	3.2	4.6	5.6	2.9	
	Z	12.19	27.1		1.0				0.4	0.8			
05	A	13.40	36.2		1.1				1.0	1.1			
	H	13.40	35.7		1.0				1.4	1.5	6.6	3.0	
	Z	13.40	36.0		1.1				1.2	0.9			
05	A	14.11	19.8		0.9				1.1	1.3			
	H	14.11	20.0		1.0				2.9	5.0	5.5	2.7	
	Z	14.11	20.0		0.9				0.4	0.8			
05	A	14.37	15.9		0.9				2.0	2.3			
	H	14.37	16.5		1.2			-	1.2	1.2	3.5	3.1	
	Z	14.37	15.6		0.5			+	3.8	1.6			
05	A	14.46	05.3		1.0				0.4	0.2			
	H	14.46	05.4		0.7				0.4	0.5		2.4	
	Z	14.46	05.0		0.6				0.5	1.4			
05	A	14.48	46.1		0.9				3.3	6.8			
	H	14.48	45.3		0.7				6.3		4.3	3.1	
	Z	14.48	46.0		1.0			-	0.5	0.4			
05	A	14.52	54.2		1.1				0.8	1.4			
	H	14.52	53.8		0.9			-	1.6	2.6	5.2	3.2	
	Z	14.52	53.2		1.0					2.6			
05	A	18.37	28.2		1.2				1.8	3.5			
	H	18.37	27.6		1.0				4.2	2.6	6.4	3.2	
	Z	18.37	27.8		1.1			+	1.0	1.0			
05	A	21.01	03.0		1.1				1.2	2.6			
	H	21.01	02.4		1.0			+	7.9	12.4	6.5	3.2	
	Z	21.01	03.0		1.2			-	0.9	1.3			
05	A	21.23	45.1		1.3				0.5	0.6			
	H	21.23	44.9		1.3			-	2.5	3.8	5.2	3.0	
	Z	21.23	44.8		1.0				3.2	2.4			
05	A	21.52	24.0		1.0				0.8	1.3			
	H	21.52	23.9		1.2				1.8	1.4	3.2	2.9	
	Z	21.52	23.0		0.6				2.6	2.4			
05	A	21.55	06.0		0.9				0.4	0.8			
	H	21.55	06.0		1.1			-	1.0	1.7	4.9	2.7	
	Z	21.55	05.0		0.7			+	0.8	1.8			
05	A	22.24	50.0		1.2				0.7	0.6			
	H	22.24	49.8		1.2			-	3.6	3.0	4.5	2.9	
	Z	22.24	49.6		0.8				2.6	1.7			
05	A	22.40	17.5		0.7				0.4	0.2			
	H	22.40	18.2		1.0				0.4	0.5	2.8	1.9	
	Z	22.40	17.2		0.4				1.0	1.0			
06	A	00.11	04.7		0.8				0.4	0.2			
	H	00.11	04.2		1.2				0.4	0.3	3.3	2.3	
	Z	00.11	03.3		0.5				0.4	2.0			
06	A	00.15	56.4		0.7				0.4	0.2			
	H	00.15	56.0		0.7				0.6	1.0	2.9	2.2	
	Z	00.15	55.7		0.7				1.1	1.4			
06	A	00.45	11.2		1.2				2.4	1.8			
	H	00.45	10.9		1.0			-	5.0	3.8	4.6	3.4	
	Z	00.45	10.9		1.0			+	3.2	1.6			
06	A	01.30	40.6		0.7				15.1	11.5			
	H	01.30	40.7		1.1								

Seismological Data of Matsushiro Earthquake Swarm (Report II)

Jun. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
06	A	13.56	17.6		0.6				1.2	1.4		
	H	13.56	17.9		1.0				0.9	1.3	2.1	2.6
	Z	13.56	17.0		0.4			-	3.6	2.4		
06	A	13.58	26.3		0.7				0.4	0.2		
	H	13.58	26.6		0.8			-	0.3	0.3	2.2	
	Z	13.58	25.7						2.5	2.2		
06	A	15.51	54.8		0.8			+	3.0	2.9	4.8	2.9
	H	15.51	54.8		0.9				5.2	6.2		
	Z	15.51	54.8		0.8				1.0	0.6		
06	A	16.02	32.8		1.1			+	2.9	3.5	5.2	3.1
	H	16.02	32.4		0.8			+	2.9	3.8		
	Z	16.02	33.2		1.1				0.4	0.8		
06	A	17.03	58.5		1.0				1.2	0.9	4.8	2.8
	H	17.03	58.5		1.0				2.1	2.2		
	Z	17.03	58.4		0.8				1.4	1.0		
06	A	17.04	40.1		0.7			+	1.0	0.8	2.5	2.8
	H	17.04	40.4		1.0			-	1.3	1.8		
	Z	17.04	39.3		0.4			-		5.4		
06	A	17.32	22.9		1.5				2.4	3.5	8.1	3.6
	H	17.32	23.7		2.0			+	2.8	3.8		
	Z	17.32	22.7		1.3			+	1.8	1.1		
06	A	18.32	09.8		1.0				0.6	1.1		
	H	18.32	09.8		1.2			-	4.9	7.5	5.7	2.9
	Z	18.32	09.6		0.8				2.0	1.0		
06	A	19.05	19.7		1.0				2.9	2.8		
	H	19.05	19.7		1.2			-	9.7	13.8	5.7	3.2
	Z	19.05	19.3		0.8			-	2.2	2.4		
06	A	20.10	36.0		1.1				39.2	28.8		
	H	20.10	35.9		1.4			-	32.4		6.6	4.6
	Z	20.10	35.4		0.9					20.2		
06	A	20.49	26.0		1.0			+	0.6	1.0	4.4	3.5
	H	20.49	26.1		1.0				3.6	4.6		
	Z	20.49	25.9		0.8					1.6		
06	A	21.19	14.6		0.9				4.3	6.4	4.5	3.4
	H	21.19	14.3		0.8				10.7	13.6		
	Z	21.19	14.9		0.9					2.2		
06	A	21.29	31.3		0.7				6.1	8.3	4.6	3.3
	H	21.29	31.9		1.0			+	2.1	1.6		
	Z	21.29	31.8		0.8					2.0		
06	A	23.14	34.6		0.7				0.2	0.1	1.9	1.4
	H	23.14	34.8		0.9				0.2	0.3		
	Z	23.14	33.8		0.3			-		2.0		
06	A	23.14	41.0		0.8				0.2	0.2	0.8	2.2
	H	23.14	41.3		0.9				0.4	0.4		
	Z	23.14	40.3		0.4			-		3.8		
06	A	23.41	06.3		0.7				0.6	0.5	2.4	2.4
	H	23.41	06.9		1.0			+	0.4	0.6		
	Z	23.41	05.7		0.4					3.0		
07	A	00.25	11.9		1.1				0.2	0.2	3.4	2.5
	H	00.25	12.1		1.2			+	1.0	1.6		
	Z	00.25	11.4		0.7					3.1		
07	A	00.47	39.5		0.6				2.3	2.4	4.1	2.9
	H	00.47	40.3		1.0			+	2.7	3.3		
	Z	00.47	39.9		0.7					2.2		
07	A	00.49	02.0		0.9				0.7	0.4	4.7	2.7
	H	00.49	02.0		1.2				0.7	1.6		
	Z	00.49	01.3		0.7					2.6		
07	A	01.55	35.8		0.8			+	2.7	2.8	4.3	3.0
	H	01.55	35.8		0.9			-	6.4			
	Z	01.55	35.8		0.7			-		2.0		
07	A	04.20	26.7		0.7				0.6	1.0	3.0	2.4
	H	04.20	27.7		1.2				1.1	1.0		
	Z	04.20	26.4		0.5					1.6		
07	A	06.42	56.5		0.9				1.2	1.6	3.5	2.8
	H	06.42	57.1		1.2			-	1.2	1.8		
	Z	06.42	55.7		0.5					2.1		
07	A	06.51	19.6		0.7				20.2	10.2	4.8	3.5
	H	06.51	20.1		1.1			+	3.1	5.6		
	Z	06.51	19.7		0.9			-		1.0		
07	A	07.32	28.0		1.0				0.3	0.2	5.1	2.2
	H	07.32	28.1		1.2			+	1.2	1.0		
	Z	07.32	27.3		0.7					1.0		
07	A	07.50	30.2		0.9				6.2	12.2	4.6	3.6
	H	07.50	29.7		0.7			+	13.1			
	Z	07.50	30.1		1.0					1.4		
07	A	09.20	50.5		0.9				5.2	5.2	4.9	3.2
	H	09.20	50.2		0.8				5.8	5.7		
	Z	09.20	50.1		1.0					1.2		
07	A	09.20	59.4		0.8				6.4	4.6	4.9	3.3
	H	09.20	59.1		0.8				7.0	10.6		
	Z	09.20	59.3		1.0					1.3		
07	A	10.33	18.4		1.1				0.6	1.9	5.9	2.7
	H	10.33	16.9		1.0			-	4.4	8.7		
	Z	10.33	18.1		1.0					0.4		
07	A	11.14	03.0		0.7			+	0.6	0.9	2.5	2.8
	H	11.14	03.6		1.2			+	1.0	1.7		
	Z	11.14	02.5		0.4				6.2	8.3		
07	A	11.52	20.4		0.6			+	0.3	0.8	2.5	2.6
	H	11.52	21.1		1.0			-	1.6	1.7		
	Z	11.52	20.4		0.4			-	4.9	3.3		
07	A	11.57	01.7		0.6			+	3.6	5.1	3.3	3.5
	H	11.57	02.1		1.0			-	7.2	6.7		
	Z	11.57	01.4		0.5			+	6.0	11.8		
07	A	12.01	37.6		0.9				0.2	0.3		
	H	12.01	38.1		1.0			-	1.0	0.7		
	Z	12.01	37.2					-	2.0	1.3		
07	A	13.46	26.1		1.0			+	1.7	2.4	5.9	3.0
	H	13.46	25.5		0.9				6.7	7.7		
	Z	13.46	26.1		1.1				0.4	0.8		
07	A	13.57	30.2		1.1			+	6.5	3.5	4.8	3.8
	H	13.57	29.7		0.7			+	4.9	8.6		
	Z	13.57	30.5		1.2				3.4	1.9		
07	A	14.48	51.5		0.8				1.3	2.7	3.8	2.8
	H	14.48	51.8		0.8			-	1.6	1.8		
	Z	14.48	52.0		0.7			+	0.5	0.7		
07	A	15.16	10.1		0.6			+	0.9	1.2	4.0	2.3
	H	15.16	10.8		1.0				0.8	1.6		
	Z	15.16	10.3		0.7			-	0.6	0.6		
07	A	18.00	26.6		0.5				6.2	14.3	3.3	3.2
	H	18.00	27.3		0.9				3.3	3.6		
	Z	18.00	27.2		0.8				1.0	1.0		
07	A	19.06	32.6		0.6			+	7.8	9.3	3.8	3.1
	H	19.06	33.6		1.1				2.3	2.7		
	Z	19.06	33.0		0.7			+	0.8	0.9		
07	A	19.22	40.3		1.1			-	2.1	1.9	6.0	3.0
	H	19.22	40.0		0.9				6.3	9.8		
	Z	19.22	40.5		1.1			+	0.7	0.8		
07	A	22.43	15.7		0.8				9.0	7.0	4.2	3.4
	H	22.43	15.5		0.7			+	8.6	11.0		
	Z	22.43	16.1		0.9				1.2	1.4		
07	A	22.46	08.2		0.8			+	5.7	5.8	3.5	3.4
	H	22.46	08.1		0.7			+	13.4	9.8		
	Z	22.46	08.6		0.8			-	3.3	2.0		
08	A	00.46	09.4		0.5			+	3.6	3.9	2.8	2.7
	H	00.46	10.7		1.1				1.0	1.2		
	Z	00.46	10.0		0.6			+	1.1	0.8		
08	A	02.56	27.8		0.8			-	1.0	1.9	3.5	2.9
	H	02.56	28.9		1.3			+	2.7	4.0		
	Z	02.56	27.8		0.5			+	3.0	3.2		
08	A	03.44	25.4		1.0			+	16.4	11.9	0.9	4.1
	H	03.44	25.4		1.0			-	5.7	5.6		
	Z	03.44	24.5		0.5			+	11.5	11.5		
08	A	03.44	32.8		1.0				0.3	0.9	2.8	2.9
	H	03.44	32.9		1.2				0.4	1.0		
	Z	03.44	31.8		0.5			+	3.6	5.6		
08	A	04.25	05.4		0.8				1.8	5.6	3.0	3.2
	H	04.25	05.4		0.6				8.5	10.4		
	Z	04.25	05.8		0.8				0.8	1.6		
08	A	05.29	06.9		1.1			+	0.4	0.2	4.7	2.3
	H	05.29	06.7		0.9			-	2.7	2.1</		

**Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966**

71

Jun. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude												
		h	m	s		E	N	U	E-W	N-S														
08	A	09.08	44.9		0.8			+	1.3	4.1	3.7	3.1	09	A	03.08	46.8	1.2			-	1.4	2.0	3.6	3.2
	H	09.08	45.2	1.4			+	3.2	4.0					3.7	7.0									
	Z	09.08	44.3	0.6			+	2.0	2.0					2.4	2.3									
08	A	09.24	21.6		0.9						3.9	3.0	09	A	03.40	58.4	0.9			+	1.8	6.2	6.6	3.1
	H	09.24	21.6	0.7			-	1.2	1.5					8.0	5.5									
	Z	09.24	21.9	0.8			-	1.9	0.5					0.6	0.5									
08	A	11.32	37.8		1.0			+			2.9	3.4	09	A	03.41	32.3	0.8				0.6	0.7	3.5	2.5
	H	11.32	37.6	0.8			-	5.2	5.9					3.0	3.3									
	Z	11.32	37.8	0.8			+	4.5	2.9					2.2	1.3									
08	A	12.02	02.8		0.6						4.0	2.6	09	A	05.04	10.6	0.9				0.3	0.2	1.6	2.3
	H	12.02	03.0	1.1				2.0	2.8					0.3	0.5									
	Z	12.02	02.9	0.8				0.4	1.0					2.7	1.8									
08	A	13.33	16.4		1.1			-	0.8	0.7	5.3	2.8	09	A	06.57	20.3	0.9			-	3.4	7.1	6.3	3.6
	H	13.33	16.4	1.1			-	1.3	1.5					6.2	9.3									
	Z	13.33	16.8	0.9				2.0	0.6					2.3	1.3									
08	A	13.46	14.3		0.6			+	2.6	4.5	3.0	3.1	09	A	08.56	22.1	1.0				0.2	0.2		2.2
	H	13.46	14.9	1.1				1.5	2.9					0.2	0.3									
	Z	13.46	14.4	0.5			+	3.7	3.0					2.6	1.7									
08	A	14.40	27.4		0.6				0.7	0.9	2.8	2.4	09	A	11.00	20.6	0.7				0.7	1.0	2.5	2.8
	H	14.40	28.4	1.0				0.7	1.5					4.0	5.3									
	Z	14.40	27.3	0.5				1.2	1.8					6.0	5.2									
08	A	14.44	21.4		1.1			+	3.6	4.3	2.4	3.4	09	A	11.56	42.9	0.8				0.5	1.2	3.2	2.5
	H	14.44	21.2	0.9			-	15.3	12.8					3.0	3.2									
	Z	14.44	22.0	0.8			+	2.4	3.0					0.9	0.7									
08	A	15.15	17.0		1.1			+	1.2	1.8	3.6	3.1	09	A	13.13	39.2	0.6				4.8	9.0	4.3	3.1
	H	15.15	16.7	0.8			-	9.0	9.7					1.4	1.5									
	Z	15.15	17.2	0.9				2.2	2.1					1.0	0.9									
08	A	16.07	38.0		0.8			-	0.8	2.0	2.8	2.9	09	A	13.42	41.5	0.9				2.8	3.3	2.8	3.1
	H	16.07	38.7	1.3			-	1.9	2.0					3.2	4.4									
	Z	16.07	37.8	0.4				3.6	2.8					2.6	2.6									
08	A	16.12	30.7		0.8			-	0.5	0.4	2.8	2.5	09	A	13.57	41.7	0.7			-	9.9	12.5	3.6	3.7
	H	16.12	31.7	1.3				0.6	0.7					7.7	11.4									
	Z	16.12	30.7	0.4				3.2	1.6					3.2	5.4									
08	A	16.22	09.0		0.8			-	0.7	0.8	2.9	2.6	09	A	17.12	53.5	1.0				0.5	0.8	4.6	2.9
	H	16.22	09.8	1.3				1.0	1.1					1.4	1.7									
	Z	16.22	08.9	0.4				3.7	2.8					2.2	0.4									
08	A	17.43	44.3		1.1			-	0.5	2.0	5.6	3.1	09	A	17.36	58.6	0.7			-	3.5	1.4	3.4	3.1
	H	17.43	44.1	1.0				1.2	2.4					2.1	2.1									
	Z	17.43	44.6	1.0			+	1.4	1.0					3.0	1.4									
08	A	17.54	07.2		0.4				0.8	1.2	2.6	2.4	09	A	17.45	25.1	0.5				7.2	10.3	2.9	3.2
	H	17.54	08.0	1.0			-	1.1	1.1					6.0	7.0									
	Z	17.54	07.1	0.6			-	1.6	1.6					0.4	2.2									
08	A	17.56	38.3		0.6				0.5	0.9	2.8	2.5	09	A	17.45	30.6	0.4				1.9	4.0	2.7	2.7
	H	17.56	38.8	1.0			-	1.0	1.4					3.2	2.4									
	Z	17.56	38.0	0.5			-	2.4	2.4					0.3	1.0									
08	A	18.47	44.7		0.8				0.5	2.1	4.3	2.3	09	A	17.48	29.3	0.9			+	1.9	2.4	4.6	3.1
	H	18.47	43.3	0.7				3.1	3.6					6.6	10.3									
	Z	18.47	45.2	1.1				0.1	0.1					2.1	0.7									
08	A	19.16	52.3		1.0				0.3	0.2	3.0	2.3	09	A	18.18	39.9	0.9			-	0.4	0.8	2.7	2.8
	H	19.16	53.1	1.5			-	0.2	0.2					-	0.8									
	Z	19.16	52.1	0.5				1.8	0.6					3.7	4.8									
08	A	22.22	50.7		0.7			-	0.4	1.8	3.3	2.9	09	A	22.10	10.4	0.9			+	10.8	13.2	3.1	4.0
	H	22.22	51.3	1.3			-	2.6	3.6					34.4	25.8									
	Z	22.22	50.4	0.5				2.6	2.8					7.1	5.0									
09	A	00.32	42.0		1.0				0.2	1.0	2.1	3.0	10	A	01.06	23.6	1.1				1.7	7.3	6.1	3.1
	H	00.32	42.3	1.1			-	1.3	1.7					7.4	9.0									
	Z	00.32	41.7	0.5			+	5.8	1.6					0.3										
09	A	00.44	44.4		1.0				1.1	2.3	1.5	3.3	10	A	02.06	04.4	0.8			-	1.6		4.6	3.0
	H	00.44	44.8	1.1			-	2.3	3.2					7.8	12.2									
	Z	00.44	44.1	0.5				4.2	6.0					3.0	1.5									
09	A	01.26	00.7		0.8				1.0	2.4	3.8	3.0	10	A	02.30	06.0	0.5			-	1.1			2.2
	H	01.26	00.9	0.7			-	9.4	12.7					2.1	3.8									
	Z	01.26	00.9	0.9				3.0	1.6					0.4	0.7									
09	A	01.26	15.8		1.0				0.6	0.3	1.4	2.6	10	A	05.22	19.9	1.1			-	0.6		6.0	2.3
	H	01.26	15.7	1.0			-	1.8	1.3					0.6	1.4									
	Z	01.26	16.3	0.6				2.2	0.6					0.2	0.3									
09	A	01.47	32.5		0.9				0.3	0.2	3.5	2.3	10	A	05.27	59.0	0.9			-	0.7		4.0	2.4
	H	01.47	32.8	1.2				0.4	0.4					3.0	5.2									
	Z	01.47	32.1	0.5				0.8	1.8					0.9	0.7									
09	A	02.50	04.3		1.2				0.2	1.0	3.2	2.9	10	A	06.37	43.5	1.0				0.2		5.2	2.3
	H	02.50	05.2	1.8			+	2.0	3.3					0.4	0.4									
	Z	02.50	04.1	0.9				1.0	1.4					2.0	1.4									
09	A	02.51	20.4		0.9				5.7	5.2	5.6	3.4	10	A	09.44	38.4	0.7			-	1.9		4.6	3.0
	H	02.51	19.9	0.9			-	7.8	14.0					6.6	11.1									
	Z	02.51	20.5	1.0				2.3	1.4					2.4										

Jun. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
Date	Station	h	m	s	S-P (sec)	E	N	U	E-W	N-S	Depth (km)	Magnitude
10	A	09.49	24.8		0.6				0.8			
	H	09.49	25.3		1.2			-	0.2	0.3	2.6	2.2
	Z	09.49	24.9		0.4				0.8	1.3		
10	A	09.49	44.0		0.9				0.3			
	H	09.49	44.5		1.2			-	0.2	0.2	2.3	2.3
	Z	09.49	43.6		0.4					2.8		
10	A	10.26	32.9		1.3			-	8.6	9.7		
	H	10.26	32.5		1.0			+	9.7	15.4	6.9	3.7
	Z	10.26	33.3		1.4					1.1		
10	A	11.02	56.5		1.1				0.6	3.0		
	H	11.02	56.0		0.9			-	3.0	6.6	5.4	3.1
	Z	11.02	56.6		1.1				0.6	0.7		
10	A	10.36	29.5		0.8				21.4	32.0		
	H	10.36	29.6		0.7			-	36.7	36.6	4.6	4.2
	Z	10.36	30.5		1.1			-	2.7	5.1		
10	A	10.54	49.4		1.1				16.8	8.0		
	H	10.54	49.9		1.2			-	5.8	6.4	5.0	4.2
	Z	10.54	49.1		0.8			-	9.6	5.2		
10	A	18.09	51.6		1.1			+	42.5	51.2		
	H	18.09	52.7		1.5			+	25.4	24.4	8.0	4.7
	Z	18.09			1.2			+		49.0		
10	A	19.19	36.5		1.0				4.8	5.5		
	H	19.19	36.3		0.9			+	10.7	10.8	3.7	5.6
	Z	19.19	37.1		1.1			-	13.2	7.2		
10	A	19.21	11.9		1.0				0.2	0.4		
	H	19.21	11.4		0.8				1.5	2.4	2.4	2.4
	Z	19.21			0.8				11.1	6.6		
10	A	19.24	13.6		0.6			+	1.7	1.0		
	H	19.24	14.3		1.1			-	1.0	2.0	3.6	2.7
	Z	19.24	13.9		0.6			-	8.6	4.4		
10	A	19.24	28.8		0.5				1.4	1.1		
	H	19.24	29.6		1.0			-	2.0	3.2	3.1	2.8
	Z	19.24	29.0		0.6			-	9.4	4.4		
10	A	19.25	23.9		0.6				1.4	1.8		
	H	19.25	24.6		1.1				2.2	2.6	3.0	2.9
	Z	19.25	23.9		0.5			-	10.0	12.9		
10	A	19.51	53.8		0.8				0.7	0.8		
	H	19.51	53.2		0.5			+	2.3	2.9	2.8	2.5
	Z	19.51	54.0		0.9			-	2.8	3.0		
10	A	19.53	08.9		0.9			-	5.4	2.3		
	H	19.53	08.6		0.8			+	4.1	5.8	4.9	3.4
	Z	19.53	09.8		1.3			-	3.4	2.4		
10	A	21.17	00.0		0.6					0.9		
	H	21.16	59.7		0.8			-	2.5	5.1	3.6	2.7
	Z	21.17	00.1		0.9			-	2.8	2.8		
10	A	22.41	12.6		1.1				1.5	1.4		
	H	22.41	12.1		0.7			+	5.4	9.3	2.8	3.2
	Z	22.41	13.0		1.0				4.4	2.5		
10	A	22.56	37.1		0.9			-	0.3	1.0		
	H	22.56	36.7		1.0				0.9	0.9	5.3	2.5
	Z	22.56	36.8		0.9			-	3.4	2.6		
10	A	23.52	16.4		1.2				0.6	0.2		
	H	23.52	15.7		0.7			+	1.7	2.4	5.1	2.6
	Z	23.52	16.1		1.4			+	2.4	2.7		
11	A	00.34	39.3		1.2				0.5	0.6		
	H	00.34	39.2		1.1			-	1.2	2.1	3.6	2.5
	Z	00.34	39.4		1.1			+	3.0	3.6		
11	A	00.36	40.5		1.1				0.4	0.3		
	H	00.36	40.0		1.0			-	0.6	1.3	6.4	2.4
	Z	00.36	40.3		1.1			+	1.7	1.8		
11	A	00.49	11.9		0.5				1.0	4.0		
	H	00.49	11.6		0.6			-	3.4	5.0	2.6	3.0
	Z	00.49	12.4		0.9			-	2.8	3.2		
11	A	01.11	20.2		1.1				0.4	0.5		
	H	01.11	20.1		1.0			-	1.2	1.7	4.7	2.6
	Z	01.11	20.5		0.9				6.6	3.7		
11	A	01.40	17.9		0.4				1.0	0.9		
	H	01.40	18.4		1.0			-	1.0	1.0	2.9	2.2
	Z	01.40	17.7		0.7			-	11.1	4.8		
11	A	02.07	29.6		0.7				0.6	0.2		
	H	02.07	30.1		1.1			-	0.2	0.4	2.5	2.0
	Z	02.07	29.6		0.4			-	8.4	10.8		
11	A	02.13	14.0		1.0				2.8	2.2		
	H	02.13	14.0		1.0			-	1.4	3.4	5.8	3.2
	Z	02.13	14.4		1.0			+	7.0	5.9		
11	A	03.05	43.7		0.6							
	H	03.05	44.4		1.2			-	3.1	3.4	3.2	3.3
	Z	03.05	43.9		0.6			+	7.5	9.2		
11	A	03.13	43.4		0.6				0.4	0.5		
	H	03.13	43.9		0.9				0.6	1.0	2.5	2.0
	Z	03.13	43.1		0.5			-	5.1	5.4		
11	A	03.26	55.7		0.5			-	1.8	2.3		
	H	03.26	56.3		1.2				1.2	1.7	2.7	2.7
	Z	03.26	55.9		0.7			+	8.0	6.6		
11	A	04.13	30.0		0.6			-	0.7	1.8		
	H	04.13	29.5		0.6				0.7	1.2	1.0	2.4
	Z	04.13	30.6		1.2			-	2.4	2.3		
11	A	05.19	16.7		1.0				0.4	0.2		
	H	05.19	17.0		1.3				0.2	0.5	5.5	2.2
	Z	05.19	16.4		0.8				2.2	3.6		
11	A	06.10	08.1		0.7				0.8	1.4		
	H	06.10	08.2		1.0			-	0.9	1.5	2.9	2.6
	Z	06.10	07.8		0.5				4.5	5.5		
11	A	06.14	25.9		0.9			+	1.3	2.8		
	H	06.14	25.7		0.7			-	5.5	7.4	4.2	3.2
	Z	06.14	26.2		1.1			-	12.0	5.0		
11	A	06.24	07.9		1.0				0.5	0.6		
	H	06.24	07.9		1.1			-	0.4	0.7	4.5	2.4
	Z	06.24	07.4		0.7			+	7.1	14.1		
11	A	06.31	32.8		1.1				0.2			
	H	06.31	32.7		1.1				0.5	0.6	2.4	2.0
	Z	06.31	32.0		0.6			+	3.2	6.0		
11	A	06.56	20.6		0.6				5.4	4.2		
	H	06.56	19.8		0.8			-	8.6	15.3	4.0	3.6
	Z	06.56	20.3		1.0			-	20.9	7.4		
11	A	06.56	55.4		0.7				2.0	2.0		
	H	06.56	55.1		0.8			-	4.2	6.2	4.1	3.1
	Z	06.56	55.7		0.8				3.2	3.0		
11	A	06.58	10.5		0.8				0.5	0.3		
	H	06.58	10.3		0.8			-	1.4	3.5	3.7	2.5
	Z	06.58	10.8		0.8				6.2	2.6		
11	A	07.15	33.2		0.9			+	1.8	1.4		
	H	07.15	32.8		0.6			+	2.0	2.0	4.3	2.7
	Z	07.15	33.8		1.1			+	4.3	3.4		
11	A	07.43	39.1		1.0			-	0.5	0.6		
	H	07.43	38.7		0.6			+	1.0	2.7	3.3	2.5
	Z	07.43	39.6		1.0				2.7	2.6		
11	A	08.03	22.8		0.9			+	1.8	2.6		
	H	08.03	22.4		0.7			-	9.0	7.4	3.6	3.3
	Z	08.03	22.7		0.8			-	11.8	4.4		
11	A	08.03	40.9		1.7				0.4	0.2		
	H	08.03	41.2		2.1				0.2	0.3	9.1	2.4
	Z	08.03	40.7		</							

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

73

Jun. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude	
		h	m	s		S-P	E	N	U	E-W			N-S
Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude	
		h	m	s	S-P	E	N	U	E-W	N-S			
11	A	13.17	43.9		0.7			+	17.8	11.8	4.6	4.2	
	H	13.17	43.6		1.0			-	14.7	16.0			
	Z	13.17	44.3		0.8			-		15.2			
11	A	14.14	41.4		1.5				0.5	0.2	10.2	2.7	
	H	14.14	41.6		1.6				0.6	1.0			
	Z	14.14	42.8		1.5					0.6			
11	A	14.16	30.1					+	0.5	0.4	1.7	1.7	
	H	14.16	30.1					-	0.3	0.4			
	Z	14.16	29.5					-		8.6			
11	A	16.54	38.1		1.5			+	0.7	0.6	9.5	2.9	
	H	16.54	38.6		1.9			+	0.7	0.8			
	Z	16.54	38.0		1.3			+		2.0			
11	A	17.00	48.8		1.5				2.0	2.4	8.2	3.4	
	H	17.00	49.0		1.9			+	1.7	2.0			
	Z	17.00	48.6		1.2			+		6.3			
11	A	17.14	01.8		0.9			+	8.9	12.6	4.2	4.0	
	H	17.14	00.9		0.6			-	20.2	11.1			
	Z	17.14	02.0		1.1			+		16.1			
11	A	17.38	37.5		0.6			+	1.0	0.6	4.3	2.3	
	H	17.38	37.8		1.1				0.4	0.7			
	Z	17.38	37.5		0.8			-		2.7			
11	A	18.12	01.5		1.5				2.6	1.6	8.3	3.6	
	H	18.12	01.8		1.9			+	1.8	3.0			
	Z	18.12	01.3		1.2			+		6.2			
11	A	18.23	19.3		0.9				2.3	2.2	4.3	3.2	
	H	18.23	19.8		1.5			-	2.7	3.0			
	Z	18.23	18.9		0.7			+		11.0			
11	A	18.47	36.1		1.0				6.2	8.4	5.1	3.7	
	H	18.47	35.3		0.8				9.5	6.1			
	Z	18.47	36.4		1.1			+		7.2			
11	A	19.45	14.8		1.6			-	0.2	0.2	8.7	2.4	
	H	19.45	15.3		2.0				0.4	0.5			
	Z	19.45	14.5		1.3					2.6			
11	A	21.45	49.2		1.0			+	1.6	2.1	4.7	2.8	
	H	21.45	48.5		0.7				1.8	2.2			
	Z	21.45	49.7		1.2					4.5			
11	A	21.52	01.9		1.5				0.4	0.9	9.0	3.0	
	H	21.52	02.3		2.0			+	0.9	1.3			
	Z	21.52	01.6		1.3					2.5			
11	A	23.04	30.8		1.0				1.8	1.2	4.1	3.0	
	H	23.04	30.1		0.6			-	5.3	5.3			
	Z	23.04	31.2		1.1			-	2.5	4.6			
12	A	00.41	46.5		0.7				0.1		3.3	1.5	
	H	00.41	47.0		1.1				0.4	0.4			
	Z	00.41	46.3		0.5				2.0	6.4			
12	A	01.28	36.1		0.8			-	2.7	7.8	4.1	3.6	
	H	01.28	35.6		0.7			+	9.1	10.1			
	Z	01.28	36.8		1.0			-	4.8	3.7			
12	A	02.16	13.1		0.6			+	8.0	5.9	3.4	3.7	
	H	02.16	12.8		0.8			-	12.2	14.4			
	Z	02.16	13.2		0.8			-	15.3	4.6			
12	A	03.09	02.6		0.8			+	11.6	9.8	4.3	3.8	
	H	03.09	02.4		0.8			+	10.5	9.4			
	Z	03.09	03.7		0.8			-	7.7	7.6			
12	A	04.03	53.5		0.9				1.9	1.3	3.6	3.3	
	H	04.03	53.1		0.8			-	12.4	7.0			
	Z	04.03	53.4		0.8			-	6.8	4.8			
12	A	05.20	39.7		0.6			-	1.0	10.8	3.7	3.0	
	H	05.20	40.5		1.2			+	0.4	0.7			
	Z	05.20	39.9		0.6				2.6	5.4			
12	A	06.11	27.2		1.4			-	0.4	0.2	8.6	2.5	
	H	06.11	27.8		1.8				0.4	0.5			
	Z	06.11	27.0		1.2			+	3.0	3.1			
12	A	08.20	39.7		0.8				0.3	0.3	4.1	1.8	
	H	08.20	39.9		1.2				0.3	0.3			
	Z	08.20	39.2		0.6			+	4.9	6.2			
12	A	08.28	33.4		0.5				3.8	4.5	2.6	3.0	
	H	08.28			0.7				4.8	5.4			
	Z	08.28	33.8		1.0				5.4	3.4			
12	A	08.33	01.7		0.7				19.1	19.0	1.4	4.0	
	H	08.33	01.6		0.6				20.0	14.6			
	Z	08.33			0.6			-	11.8	10.7			
12	A	09.06	35.8		0.8			+	4.5	6.8	4.3	3.4	
	H	09.06	35.6		0.7			-	6.2	4.7			
	Z	09.06	36.3		1.0			-	4.0	5.4			
12	A	09.43	08.2		1.0			-			6.8	4.9	
	H	09.43	07.8		1.3			+					
	Z	09.43	08.9		1.4			-					
12	A	12.46	02.7		0.9			+	9.6	8.8	4.4	3.7	
	H	12.46	02.2		0.7				9.4	10.1			
	Z	12.46	02.0		1.0			-	6.9	5.8			
12	A	14.19	32.0		0.9				2.5	0.9	4.5	3.1	
	H	14.19	31.2		0.7			+	6.5	7.7			
	Z	14.19	31.9		1.0			-	2.4	2.6			
12	A	14.58	02.2		1.3			+	1.4	1.3	3.9	2.9	
	H	14.58	01.5		0.7			+	2.9	2.8			
	Z	14.58	02.5		1.3				4.0	4.1			
12	A	14.58	31.2		1.2				1.2	0.5	4.1	2.8	
	H	14.58	30.3		0.7				2.0	2.0			
	Z	14.58	30.9		1.5				3.2	3.1			
12	A	16.20	25.7		0.6			+	5.3	3.1	3.6	3.2	
	H	16.20	25.2		0.7				5.8	4.6			
	Z	16.20	25.9		0.9			-	3.5	7.4			
12	A	16.39	07.3		0.7			+	1.6	1.6	3.1	2.6	
	H	16.39	07.1		0.6				2.4	2.2			
	Z	16.39	07.8		0.9			-	3.0	5.9			
12	A	17.04	21.5		0.9			+	2.0	3.8	4.6	3.2	
	H	17.04	21.1		0.7			+	3.8	3.8			
	Z	17.04	22.0		1.1			-	2.6	3.8			
12	A	17.11	58.8		1.3				0.6	0.3	3.3	2.3	
	H	17.11	58.0		0.7				0.9	0.8			
	Z	17.11	59.2		1.3				1.4	0.6			
12	A	17.51	53.6		1.0			+	2.1	2.9	3.8	3.4	
	H	17.51	53.4		0.8			-	10.1	10.2			
	Z	17.51			0.9			+	10.2	11.7			
12	A	18.11	43.0		0.6				1.8	2.4	3.6	3.0	
	H	18.11	42.6		0.9			-	3.6	4.3			
	Z	18.11	43.3		0.7			-	10.0	5.5			
12	A	20.12	57.6		0.9			-	1.0	1.0	4.6	2.5	
	H	20.12	58.1		1.4				0.6	0.5			
	Z	20.12	57.4		0.7			-	2.0	3.0			
12	A	20.27	52.0		0.9			-	13.8	20.7	5.3	4.2	
	H	20.27	52.7		0.9				16.0	13.8			
	Z	20.27	51.8		1.0			+		65.9			
12	A	20.36	27.0		0.9			-	0.9	2.0	4.6	2.7	
	H	20.36	26.4		0.7			+	1.7	1.2			
	Z	20.36	27.5		1.2			-		2.9			
12	A	21.22	08.4		0.6			+	5.8	4.0	3.3	3.6	
	H	21.22	08.3		0.7			-	14.2	9.5			
	Z	21.22	08.7		0.7			-		9.6			
12	A	22.41	34.1		1.3				0.2		8.7	2.3	
	H	22.41			1.7				0.6	0.7			
	Z	22.41	34.6		1.2				0.8	0.5			
12	A	23.35	26.4		1.0			-	1.8	2.4	3.7	2.8	
	H	23.35	25.6		0.6				2.1	1.6			
	Z	23.35			1.1			+	4.5	4.3			
13	A	00.25	52.0		1.1			-	0.8	1.8	6.8	3.3	
	H	00.25	51.9		1.3			-	3.1	4.6			
	Z	00.25	51.7		1.0			+	6.8	5.2			
13	A	00.39	36.5		1.0			-	1.8	2.7	5.0	3.6	
	H	00.39	36.3		0.9			+	7.1	14.4			
	Z	00.39	36.4		1.0			-	1.7	2.8			
13	A	00.41	11.1		0.9			+	2.6	1.8	4.5	3.3	
	H	00.41	11.0		1.0				3.4	5.9			
	Z	00.41	11.2		0.8			-	8.0	15.2			
13	A	03.10	10.7		1.0			+	2.0	1.0	3.9	3.1	
	H	03.10	10.2		0.6			-	7.2	6.3			
	Z	03.10	10.9		1.1			+	4.4	5.0			
13	A	04.37	31.1		0.8			+	0.6	0.2	4.5	2.5	
	H	04.37			0.7			-	2.7	2.0			
	Z	04.37	31.3		1.0			-	3.9	3.1			
13	A	05.42	49.2		1.0			-	0.7	0.3	4.9	2.3	
	H	05.42	48.8		0.8			-	1.0	0.6			
	Z	05.42	49.3		1.0			-	3.4	2.6			
13	A	06.04	22.8		0.7				1.3	1.0	5.0	2.8	
	H	06.04	22.7		1.0			-	2.9	2.2			
	Z	06.04	23.1		0.9			+	5.1	5.0			
13	A	06.15	52.1		1.0			-	4.3		5.3	3.4	
	H	06.15	51.5		0.8				4.2	6.7			
	Z	06.15	52.4		1.1			-	4.0	6.1			

Jun. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
13	A	06.18	48.3		0.9				3.4		4.3	3.6
	H	06.18	49.2		1.5			4.5	5.8			
	Z	06.18	48.1		0.7		+	5.4	7.4			
13	A	06.31	16.9		1.0			-	5.5		5.4	3.8
	H	06.31	16.6		0.9		-	13.6	11.2			
	Z	06.31	17.0		1.0		+	14.4	19.2			
13	A	07.15	11.2		0.7			+	0.6		4.1	2.4
	H	07.15	10.8		0.8		+	0.9	1.2			
	Z	07.15	11.1		0.8		-	1.5	2.1			
13	A	08.49	18.4		0.9			-	1.5	5.1	4.1	3.1
	H	08.49	17.9		0.6			2.9	2.6			
	Z	08.49	18.5		1.0		-	4.4	3.3			
13	A	09.33	48.4		0.4				3.3		1.8	2.1
	H	09.33	49.3		0.7			0.4	0.3			
	Z	09.33	49.1		0.6			1.0	0.7			
13	A	10.46	26.9		1.0			+	0.9		3.4	2.7
	H	10.46	26.4		0.6		+	3.1	2.7			
	Z	10.46	27.3		1.1			5.0	3.3			
13	A	12.52	23.9		1.0			+	1.7	1.3	5.5	3.0
	H	12.52	23.7		1.1		-	3.0	2.1			
	Z	12.52	23.9		0.9			10.6	5.5			
13	A	12.56	21.0		0.8			+	2.4	3.3	4.1	3.1
	H	12.56	20.4		0.7		+	5.0	4.6			
	Z	12.56	21.1		1.0		-	4.8	2.6			
13	A	13.57	37.3		0.3				0.3	6.6	2.1	2.5
	H	13.57	37.9		0.8		-	0.6	0.2			
	Z	13.57	38.1		0.7			0.8	0.4			
13	A	16.53	23.0		0.9			+	1.3	2.8	5.3	3.3
	H	16.53	22.8		1.0		-	4.0	5.6			
	Z	16.53	22.8		0.8		-	6.3	4.2			
13	A	17.09	47.1		0.9				1.6	2.5	4.3	2.9
	H	17.09	47.8		1.1			1.1	1.3			
	Z	17.09	46.8		0.7				9.9			
13	A	17.39	12.8		0.6			-	2.6	5.5	3.5	3.0
	H	17.39	12.8		0.7		-	3.3	3.2			
	Z	17.39	12.8		0.9		-	4.4	3.2			
13	A	17.52	03.4		0.7				3.8	5.3	4.1	3.1
	H	17.52	04.0		1.0			1.1	1.9			
	Z	17.52	03.0		0.6		+	10.8	13.4			
13	A	18.11	10.3		1.2			+	3.4	8.3	5.4	3.5
	H	18.11	09.5		0.8		+	2.6	3.4			
	Z	18.11	09.9		1.3		+	4.4	2.5			
13	A	18.44	40.0		1.2			+	2.6	5.0	4.6	3.3
	H	18.44	39.7		0.7		-	2.7	3.3			
	Z	18.44	40.6		1.2		+	7.7	6.0			
13	A	18.55	28.8		1.0			+	12.6	8.0	5.8	4.2
	H	18.55	28.6		1.0		-	16.0	19.0			
	Z	18.55	28.7		1.0		-	53.8	28.6			
13	A	19.41	02.8		0.9			+	3.4	3.2	4.1	3.5
	H	19.41	02.3		0.7		+	10.0	13.0			
	Z	19.41	02.7		0.9		-	20.8	8.4			
13	A	21.53	25.3		1.2			+	3.2	2.9	4.3	3.2
	H	21.53	24.5		0.7		-	3.1	3.1			
	Z	21.53	25.6		1.2			11.1	5.0			
13	A	23.07	16.5		0.9			+	1.5	2.6	6.1	3.3
	H	23.07	16.3		1.1			3.0	4.7			
	Z	23.07	16.1		1.0		-	2.7	2.8			
14	A	01.02	25.7		0.7			-	0.8	1.8	3.2	2.7
	H	01.02	25.6		0.6		+	2.1	2.7			
	Z	01.02	26.3		1.1			0.6	2.0			
14	A	01.36	17.4		0.7			+	4.3	4.8	4.6	3.5
	H	01.36	17.1		0.8		-	10.8	10.2			
	Z	01.36	17.4		0.9		-	9.5	5.8			
14	A	02.32	38.2		0.9			+	0.3	1.4	3.7	2.6
	H	02.32	38.4		1.3			0.6	0.6			
	Z	02.32	37.4		0.5		+	6.3	7.8			
14	A	02.39	39.1		0.8				1.8	7.6	3.2	3.3
	H	02.39	39.1		0.5			6.3	5.5			
	Z	02.39	39.9		0.1			2.5	3.6			
14	A	03.13	08.8		1.0			+	1.0	5.8	5.3	3.5
	H	03.13	08.2		0.8			4.8	6.0			
	Z	03.13	09.1		1.2		+	5.1	3.7			
14	A	03.25	19.6		0.6				2.5	4.1	3.7	2.4
	H	03.25			0.7			0.4	0.4			
	Z	03.25	20.3		1.0			1.0	1.5			
14	A	04.54	15.7		1.0			+	0.4	1.1	3.5	2.8
	H	04.54	16.1		1.2			1.3	1.4			
	Z	04.54	15.1		0.6		+	4.0	6.2			
14	A	05.28	10.4		1.0			-	1.2	1.8	5.0	3.3
	H	05.28	09.8		0.8		-	8.6	9.8			
	Z	05.28	10.4		1.1		+	7.8	5.6			
14	A	05.32	32.8		1.0			+	0.4	0.7	3.0	2.6
	H	05.32	32.8		0.8		-	2.6	2.2			
	Z	05.32	32.8		0.8		-	5.0	2.3			
14	A	06.50	48.4		0.8			-	2.0	4.0	3.6	3.0
	H	06.50	48.0		0.6			2.7	3.2			
	Z	06.50	48.6		1.0			4.2	5.0			
14	A	07.19	21.7		0.9			+	13.8	13.7	5.7	3.9
	H	07.19	21.5		0.9		-	8.1	9.2			
	Z	07.19	21.9		1.1		+	4.6	4.8			
14	A	07.29	12.0		1.0			+	1.4	4.1	4.0	3.1
	H	07.29	11.8		0.6			3.4	2.9			
	Z	07.29	12.4		1.1		-	3.4	4.7			
14	A	07.40	26.9		0.7			+	1.0	1.4	2.4	2.7
	H	07.40	26.2		1.0			2.0	2.2			
	Z	07.40	27.0		1.3			2.7	1.8			
14	A	08.30	20.2		0.9			+	1.0	3.8	5.1	3.0
	H	08.30	19.9		0.8		-	2.4	1.8			
	Z	08.30	20.2		1.1		+	1.2	0.8			
14	A	08.33	07.8		1.0			+	1.6	1.3	3.4	3.0
	H	08.33	07.2		0.6		-	3.8	4.8			
	Z	08.33	07.9		1.0		+	3.6	3.6			
14	A	09.35	49.9		1.0			+	2.3	2.8	2.9	3.4
	H	09.35	49.7		0.9			7.2	5.6			
	Z	09.35			0.8			6.4	8.5			
14	A	09.36	39.6		1.0				0.7	1.4	3.8	3.2
	H	09.36	38.7		0.7			6.3	9.0			
	Z	09.36	39.3		0.9		-	4.2	3.2			
14	A	10.01	24.8		0.4			+	1.6	3.4	2.6	2.2
	H	10.01	25.1		0.9			0.2	0.4			
	Z	10.01	25.1		0.7			0.8	0.5			
14	A	10.18	47.3		0.4			-	2.6	12.6	2.8	3.0
	H	10.18	47.7		0.8			1.2	1.1			
	Z	10.18	47.7		0.8			1.9	2.9			
14	A	12.47	18.7		1.0				16.9	4.6	5.2	3.9
	H	12.47	18.3		0.8		-	4.4	6.4			
	Z	12.47	18.8		1.0			4.0	4.4			
14	A	13.01	49.8		0.8			-	8.6	7.8	5.2	3.6
	H	13.01	49.9		1.1			4.0	5.4			
	Z	13.01	49.8		0.8			1.2	1.5			
14	A	14.44	12.7		0.8				4.9	3.0	4.0	3.1
	H	14.44	12.4		0.6		+	3.5	3.4			
	Z	14.44	13.2		1.0		-	0.8	0.6			
14	A	15.21	21.7		0.6				4.3	2.5	3.6	3.1
	H	15.21	21.7		0.7		-	3.9	4.4			
	Z	15.21	22.2		0.8		-	2.4	1.9			
14	A	16.59	39.5		1.0			+	23.8	9.0	5.6	4.3
	H	16.59	39.0		0.9			17.0				
	Z	16.59	39.6		1.0		-	8.6	8.0			
14	A	17.10	47.4		1.0			+	6.8	5.8	5.0	3.8
	H	17.10	47.2		0.8		-	6.9	11.5			
	Z	17.10	47.5		1.0			6.6	4.3			
14	A	17.57	41.3		1.1				5.1	4.3	3.9	3.8
	H	17.57	40.7		0.7		+	11.4	15.2			
	Z	17.57	41.5		1.0		-	13.8	6.4			
14	A	19.37	44.7		1.0				3.8	4.5	2.7	3.5
	H	19.37	44.1		0.7		-	9.4	8.8			
	Z	19.37	44.6		0.9		-	10.0	6.0			
14	A	20.26	39.1		0.6			-	11.1	12.0	4.3	3.3
	H	20.26	39.2		0.9			1.1	2.0			
	Z	20.26	39.5		1.0		-	3.4	3.0			
14	A	21.42	49.4		1.0			-	3.2	4.4	3.8	3.0
	H	21.42	48.7		0.6			1.4	1.6			
	Z	21.42	49.7		1.0		-	2.4	2.7			
14	A	23.08	06.5		1.5				0.8	0.9	6.2	2.7
	H	23.08	07.0		1.9			0.3	0.4			
	Z	23.08	06.4		1.2			3.1	2.3			
14	A	23.11	57.0		0.9			-	2.2	1.1	4.1	2.9
	H	23.11	56.5		0.7			1.7	2.7			
	Z	23.11	57.0		0.9			2.0	3.0			

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

75

Jun. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
14	A	23.15	05.3		1.0				0.6	0.7		
	H	23.15	05.0		1.3				0.8	1.1	5.9	2.6
	Z	23.15	04.5		0.8				2.7	2.2		
15	A	00.24	49.0		1.0				10.5	3.0		
	H	00.24	49.4		1.3		-		1.2	0.8	5.1	3.4
	Z	00.24	49.6		0.7				4.4	7.7		
15	A	00.38	14.3		0.4			-	10.2	27.2		
	H	00.38	15.2		0.9				1.8	2.3	3.0	3.5
	Z	00.38	15.0		0.8				4.2	5.6		
15	A	00.42	25.2		0.7				1.4	3.6		
	H	00.42	24.7		0.7				2.4	2.8	3.5	3.0
	Z	00.42	25.0		0.8				5.0	2.8		
15	A	00.47	29.8		1.0		+		2.3	1.2		
	H	00.47	29.9		1.5				0.5	0.5	4.1	2.8
	Z	00.47	28.7		0.6				5.0	5.3		
15	A	00.51	42.2		1.0			-	9.8	4.2		
	H	00.51	41.4		0.8				4.8	4.5	5.2	3.6
	Z	00.51	42.0		1.0				3.8	3.9		
15	A	02.13	31.2		1.2				39.7	22.0		
	H	02.13	30.0		0.7		+		23.0	27.8	1.6	4.6
	Z	02.13	31.2		1.1		-		7.2	9.6		
15	A	02.17	17.9		0.8				0.9	1.0		
	H	02.17	18.3		1.5			-	0.4	0.6	2.5	2.5
	Z	02.17	17.2		0.7				8.1	4.7		
15	A	02.22	57.4		1.3				3.2	2.6		
	H	02.22	56.4		0.9				4.2	3.2	6.0	3.4
	Z	02.22	57.9		1.3				4.6	3.3		
15	A	02.53	57.7		0.9				9.6	5.6		
	H	02.53	57.1		0.7				5.0	4.8	4.0	3.5
	Z	02.53	57.9		0.9							
15	A	03.55	01.7		1.0				52.3	18.2		
	H	03.55	01.1		0.8				25.3		4.7	4.6
	Z	03.55	01.8		1.0				21.7	18.7		
15	A	03.56	19.3		1.0				3.4	6.3		
	H	03.56	18.6		0.7			-	5.4	4.2	3.9	3.4
	Z	03.56	19.5		1.0				6.6	5.0		
15	A	05.49	48.6		0.6				5.2	7.0		
	H	05.49	49.4		0.7				0.6	0.4	3.3	2.6
	Z	05.49	49.3		0.8				1.3	2.4		
15	A	05.54	51.3		1.0			-	4.3	2.5		
	H	05.54	15.7		1.4			-	0.7	0.7	1.5	3.0
	Z	05.54	14.6		0.4				12.4			
15	A	07.53	47.3		1.5				0.8	1.0		
	H	07.53	47.7		1.8				0.6	0.6	9.1	2.9
	Z	07.53	47.3		1.3				3.2	3.5		
15	A	07.55	26.7		1.3				6.4	6.0		
	H	07.55	25.9		0.9				6.0	8.2	5.7	3.8
	Z	07.55	26.7		1.2				13.6	4.0		
15	A	08.03	19.5		1.4				1.0	2.0		
	H	08.03	19.9		1.9				1.3	1.4	8.1	3.3
	Z	08.03	19.1		1.2				2.9	3.6		
15	A	08.21	19.0		1.0			+	1.8	5.6		
	H	08.21	18.2		0.7			-	4.6	3.8	4.4	3.3
	Z	08.21	19.3		1.1				3.5	2.6		
15	A	09.30	37.7		1.5				2.8	2.6		
	H	09.30	36.7		1.1			-	5.3	3.6	6.6	3.5
	Z	09.30	38.0		1.9			-	2.0	3.2		
15	A	09.42	45.9		1.3				36.8	15.1		
	H	09.42	45.7		1.4			-	22.2	32.7	8.6	4.9
	Z	09.42	45.5		1.2				56.9	32.8		
15	A	12.10	34.2		0.9				0.4	1.2		
	H	12.10	34.6		1.2				0.9	1.1	5.1	2.7
	Z	12.10	34.1		0.7				6.0	12.0		
15	A	12.33			1.3				1.5	3.5		
	H	12.33	16.6		1.3				5.6	6.2	7.6	3.7
	Z	12.33	16.2		1.1				1.4	1.7		
15	A	12.58	19.6		0.9				15.5	8.4		
	H	12.58			0.7			-	10.1	4.8	4.2	3.9
	Z	12.58	19.5		1.0			-	7.0	5.6		
15	A	13.05	37.3		0.9			-	11.2	4.6		
	H	13.05	37.0		0.6			-	4.8	5.1	4.0	3.6
	Z	13.05	37.6		1.0			-	4.4	3.7		
15	A	14.26	13.9		0.5			+	45.0	22.4		
	H	14.26	14.3		1.1			-	5.2	4.9	3.1	3.9
	Z	14.26	14.1		0.7				21.2			
15	A	16.16	24.4		0.8			+	6.4	4.2		
	H	16.16	24.7		1.3			+	2.0	1.8	5.0	3.3
	Z	16.16	24.4		0.8			+		8.1		
15	A	16.23	40.1		0.9				1.6	1.4		
	H	16.23	39.7		0.8				1.2	1.2		2.7
	Z	16.23	39.6		0.8				4.8	4.4		
15	A	16.50	48.1		0.6			-	2.6	2.0		
	H	16.50	48.2		1.0			-	0.8	0.6	3.5	2.5
	Z	16.50	48.2		0.6				2.0	5.6		
15	A	17.40	40.5		0.8			-	1.6	3.6		
	H	17.40	39.8		0.8			-	2.0	2.2	4.3	3.0
	Z	17.40	40.6		0.9			-	3.9	2.2		
15	A	19.56	45.9		1.2			+	9.0	6.3		
	H	19.56	44.8		0.8			+	6.8	9.4	4.2	3.9
	Z	19.56	45.8		1.1			+	12.2	6.2		
15	A	19.58	19.4		0.9			-	2.3	2.6		
	H	19.58	18.5		0.8			+	4.1	6.3	4.5	3.2
	Z	19.58	19.8		1.3				2.4	2.6		
15	A	20.19	17.6		0.7				1.2	4.5		
	H	20.19	16.4		0.7			-	2.5	2.1	4.0	3.0
	Z	20.19	17.6		1.0			-	1.2	1.7		
15	A	20.19	40.4		0.8				0.8	3.3		
	H	20.19	39.4		0.7			-	2.0	2.2	4.3	2.9
	Z	20.19	40.4		1.0			-	1.8	0.8		
15	A	21.09	24.7		0.7				3.4	2.0		
	H	21.09			0.9			-	2.0	3.1	4.3	3.1
	Z	21.09	24.3		0.8			-	5.8	5.3		
15	A	21.32	48.3		0.5			-	1.4	3.8		
	H	21.32	48.0		0.7				0.5	0.4	2.6	2.3
	Z	21.32	48.7		0.9				0.5	0.5		
15	A	21.51	51.2		0.8			-	2.2	2.0		
	H	21.51	51.2		0.8			+	2.6	3.0	4.5	2.9
	Z	21.51	51.7		1.1				0.4	0.5		
15	A	23.06	46.2		0.6			+	13.1	10.6		
	H	23.06			0.6			-	4.3	5.7	2.8	3.4
	Z	23.06	46.3		0.8			-	3.2	1.7		
16	A	00.42	14.4		0.9				2.4	2.3		
	H	00.42	14.2		0.7			-	8.7	6.1	3.8	2.9
	Z	00.42	14.3		0.9			-		8.0		
16	A	00.54	56.5		1.2			+	8.0	2.8		
	H	00.54	56.3		1.0			+	4.0	3.3	5.8	3.3
	Z	00.54	56.3		1.1			+	11.7	3.7		
16	A	02.09	10.4		1.1				1.1	1.2		
	H	02.09	09.8		1.2				0.6	0.7	5.1	2.4
	Z	02.09	09.6		0.8			+	5.3	7.6		
16	A	02.19	45.6		1.0				3.0	2.6		
	H	02.19	43.8		1.5				3.9	5.0	6.9	3.2
	Z	02.19	45.3		1.1				2.8	3.0		
16	A	02.57	11.5		0.7				2.4	3.8		
	H	02.57	11.3		0.8</							

Jun. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
16	A	10.15	40.8		0.7				6.0	5.6		
	H	10.15	40.7		1.1				0.7	0.7	4.8	2.6
	Z	10.15	41.3		1.1				2.4	2.3		
16	A	10.55	10.0		0.8				2.7	2.1		
	H	10.55	09.5		0.8			-	2.4	2.9	3.4	2.7
	Z	10.55	10.1		0.8			-	3.6	5.8		
16	A	10.57	13.4		1.1				0.4	0.7		
	H	10.57	13.0		1.3			-	1.3	1.1	5.6	2.4
	Z	10.57	12.7		0.9			+	7.1	5.6		
16	A	12.45	23.6		1.3				2.8	3.1		
	H	12.45	22.3		0.8			+	4.8	6.6	5.4	3.1
	Z	12.45	23.5		1.4			+	3.2	4.2		
16	A	13.17	02.1		0.7				2.8	4.4		
	H	13.17			0.7				3.5	4.4	3.2	2.8
	Z	13.17	02.1		0.9			-	6.0	3.8		
16	A	14.33	35.9		0.4				7.4	9.0		
	H	14.33	36.1		0.8				2.0	1.8	2.2	2.7
	Z	14.33	35.9		0.7			-	2.1	2.4		
16	A	16.25	15.7		0.8				2.9	3.8		
	H	16.25	15.0		0.9			-	2.6	2.8		2.8
	Z	16.25	15.0		0.4				11.7			
16	A	16.26	23.1		0.8				1.7	1.8		
	H	16.26	22.7		0.8			-	2.0	1.6	2.1	2.5
	Z	16.26	22.4		0.6			+	12.4	14.0		
16	A	16.34	00.1		0.7			+	0.8	2.2		
	H	16.33	59.7		0.9			-	1.0	0.9	1.1	2.3
	Z	16.33	59.4		0.4			+	9.0	4.0		
16	A	16.34	02.5		0.8			+	5.0	4.8		
	H	16.34	03.0		0.9			-	3.1	4.2		3.0
	Z	16.34	02.8		0.4			+	9.8	20.6		
16	A	16.37	09.1		0.8				1.2	3.6		
	H	16.37	08.7		0.9			-	1.8	2.4	1.6	2.3
	Z	16.37	08.5		0.5					23.9		
16	A	16.43	16.3		0.8				1.6	3.1		
	H	16.43	15.9		0.9			-	1.5	2.2	2.7	2.7
	Z	16.43	15.7		0.5					15.2		
16	A	16.47	58.6		0.3				4.7	5.4		
	H	16.47	58.6		0.8			-	1.6	1.4	0.5	2.4
	Z	16.47			0.5					24.0		
16	A	17.20	25.4		1.1				2.8	4.4		
	H	17.20	24.3		1.0			+	7.2	7.2	6.6	3.3
	Z	17.20	25.5		1.3			+	3.1	2.4		
16	A	18.43	43.2		1.5				5.5	3.8		
	H	18.43	43.1		1.9			+	2.7	4.1	9.6	3.6
	Z	18.43	42.5		1.5			+	5.6	12.0		
16	A	19.19	37.2		0.9				8.0	7.4		
	H	19.19	36.1		0.8				19.2	22.6	4.6	3.6
	Z	19.19	37.4		1.2				6.0	8.4		
16	A	19.37	36.5		1.1				1.1	2.3		
	H	19.37	35.9		1.3			-	2.8	4.6	7.0	3.1
	Z	19.37	36.0		1.1			+	5.0	11.2		
16	A	20.55	18.5		1.0				4.8	4.0		
	H	20.55	17.0		0.7			-	3.4	3.9	4.1	3.0
	Z	20.55	17.7		1.0			-	3.9	2.6		
16	A	21.50	46.7		1.3			+	4.0	2.7		
	H	21.50	45.3		1.0			-	10.8	10.0	2.8	3.4
	Z	21.50	46.3		1.0			-	8.6	8.2		
16	A	22.41	33.4		1.1				3.6	4.4		
	H	22.41	33.0		1.0			-	10.6	6.3	5.5	3.4
	Z	22.41	33.1		1.0			+	5.6	4.6		
16	A	23.47	31.3		0.8				3.3	3.8		
	H	23.47	31.1		1.5			-	1.2	1.2	3.9	2.8
	Z	23.47	30.8		0.7			+		6.2		
17	A	02.13	11.7		1.0				2.8	2.6		
	H	02.13	10.2		0.7			+	2.4	4.0	5.0	2.9
	Z	02.13	11.7		1.2				5.1	4.3		
17	A	02.34	52.4		0.7			+	51.0	14.1		
	H	02.34	51.3		0.7			-	16.2	12.2	3.8	4.0
	Z	02.34	52.5		1.0			-	43.7	9.3		
17	A	02.44	27.5		0.7			+	7.0	4.9		
	H	02.44	26.4		0.8			-	4.7	5.6	3.8	3.1
	Z	02.44	27.4		0.9				6.7	6.0		
17	A	02.57	39.9		1.6				1.4	1.0		
	H	02.57	39.3		2.0			+	1.0	1.2	9.3	2.9
	Z	02.57	39.3		1.4			+	6.0	3.7		
17	A	03.33	53.0		0.8							
	H	03.33	52.5		1.1			+				
	Z	03.33	53.3		1.1			-				
17	A	03.49	07.7		0.9			+	6.3	6.2		
	H	03.49	06.1		0.7			-	4.1	2.5	3.9	3.0
	Z	03.49	07.7		1.0			-	5.4	5.0		
17	A	04.20	18.3		0.6			-	10.0	9.2		
	H	04.20	17.7		1.0				0.9	1.2	4.1	2.8
	Z	04.20	18.5		0.9			-	2.9	1.8		
17	A	04.49	13.8		0.8			+	8.7	7.4		
	H	04.49	12.6		0.6			-	9.2	5.7	2.6	3.2
	Z	04.49	13.6		0.8			-	8.2	8.3		
17	A	05.02	23.7		0.7			+	27.1	26.4		
	H	05.02	22.6		0.7			+	24.5	31.0	3.1	4.0
	Z	05.02	24.0		1.1			-	18.8	16.4		
17	A	06.10	17.4		1.1				1.1	2.0		
	H	06.10	15.9		1.0				3.2	3.6	5.9	2.8
	Z	06.10	16.9		1.1			+	4.8	4.5		
17	A	06.36	55.2		0.8				4.2	1.8		
	H	06.36	53.8		0.8				1.3	2.3	4.3	2.7
	Z	06.36	55.3		1.0				1.4	2.1		
17	A	06.53	30.3		0.9				1.2	1.2		
	H	06.53	28.3		0.7				1.8	1.4	4.0	2.3
	Z	06.53	29.9		1.0			-	3.0	3.8		
17	A	06.59	49.1		0.6			+	12.1	11.6		
	H	06.59	48.9		1.0				1.7	2.6	4.0	3.1
	Z	06.59	50.2		1.0				2.1	3.3		
17	A	07.25	18.9		0.9			+	1.1	2.8		
	H	07.25	16.9		0.6				2.4	3.8	3.3	2.7
	Z	07.25	19.0		1.0				1.5	3.0		
17	A	07.31	25.9		0.9				5.2	4.6		
	H	07.31			1.2			-	1.8	3.3	4.1	3.1
	Z	07.31	24.8		0.6					19.8		
17	A	08.04	34.7		1.0			+	1.0	1.0		
	H	08.04	33.6		1.1			-	1.4	2.4	3.0	2.6
	Z	08.04	33.9		0.6				10.3	13.8		
17	A	10.49	59.8		0.7			-	64.4	39.6		
	H	10.49	59.2		0.7				23.4	30.0	3.5	4.2
	Z	10.50	00.0		0.9				7.8	22.6		
17	A	11.23	52.6		0.7				3.0	12.0		
	H	11.23	52.1		0.7				6.6	7.6	3.3	3.3
	Z	11.23	52.7		0.9			-	5.8	6.3		
17	A	12.08	02.6		0.7				2.1	6.6		
	H	12.08	02.0		0.6			-	4.4	4.3	3.0	3.1
	Z	12.08	02.7		0.9				3.0	4.8		
17	A	12.10	51.4		1.0			+	1.4	1.2		
	H	12.10	51.9		1.4			+	1.3	1.2	5.8	2.6
	Z	12.10	51.1		0.9			-	12.1	9.0		
17	A	13.26	18.8		0.8				1.0	3.2		
	H	13.26	18.6		1.0			-	2.0	1.8	3.9	2.7
	Z	13.26	18.0		0.7			-	8.6	6.0		
17	A	15.32	57.6		0.8			+	1.0	1.8		
	H	15.32	57.7		0.7			-	2.1	2.0	2.7	2.4
	Z	15.32	57.9		0.8			-	2.8	4.0		
17	A	15.50	59.0		0.5			+	2.1	2.4		
	H	15.50	59.1		0.8			+	0.8	1.9	2.9	2.3
	Z	15.50	59.2		0.8				2.3	2.0		
17	A	16.47	58.5		0.6			-	1.6	2.2		
	H	16.47	58.6		0.8				1.0	0.6	3.3	2.2
	Z	16.47	59.1		1.0				0.7	1.8		
17	A	17.15	03.6		1.0			+	6.2	4.6		
	H	17.15	04.0		1.3			-	2.4	2.2	5.4	3.1
	Z	17.15			0.8			+	15.4	38.6		
17	A	17.15	45.6		1.0			+	1.4	2.1		
	H	1										

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

77

Jun. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude	Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude		
		h	m	s		E	N	U	E-W	N-S					E	N	U		E-W	N-S							
17	A H Z	18.37	14.5		1.7				0.6	1.4	9.2	2.9	18	A H Z	10.47	48.5	0.9			+		11.6	12.2	2.7	3.0		
		18.37	15.0		2.1				0.8	1.0						10.47	48.2	0.8				6.0					
		18.37	14.1		1.5				4.4	3.2						10.47	48.1	0.7		+							
17	A H Z	18.43	14.8		1.5			+	1.0	2.3	9.1	3.1	18	A H Z	11.48	54.8	1.1			-		0.4	1.4	6.7	3.0		
		18.43	14.9		2.0			+	1.7	1.6						11.48	54.8	1.3		-		4.0	5.2				
		18.43	14.1		1.4			+	3.3	6.8						11.48	54.5	1.0		-		3.4	4.4				
17	A H Z	19.31	16.7		0.9			-	1.6	2.5	3.9	2.8	18	A H Z	12.01	08.5	0.8			+		4.4	12.4	3.8	3.4		
		19.31	16.0		0.7				3.9	4.0						12.01	08.0	0.6				7.0	8.3				
		19.31	16.7		1.0				5.3	4.8						12.01	08.9	1.0		-		4.2	4.2				
17	A H Z	19.41	38.9		0.8			+	2.2	3.0	4.6	2.8	18	A H Z	14.03	57.7	1.1			+		4.3	4.4	6.4	3.2		
		19.41	39.3		1.1			+	1.4	2.6						14.03	57.1	1.0		+		6.4	5.3				
		19.41	38.3		0.7				9.0	16.2						14.03	57.9	1.2		+		2.6	3.4				
17	A H Z	20.17	48.0		0.7				2.3	4.8	3.6	2.8	18	A H Z	14.05	38.9	1.0			+		1.5	3.2	5.3	2.8		
		20.17	47.7		0.7				3.3	3.5						14.05	38.5	0.8		+		1.8	2.6				
		20.17	48.2		1.0			-	2.8	2.4						14.05	39.2	1.3				1.6	1.1				
17	A H Z	20.19	11.8		0.8				1.2	4.6	4.0	2.9	18	A H Z	14.12	25.5	0.4			-		3.5	5.2	2.7	2.5		
		20.19	11.3		0.7				5.2	4.0						14.12	26.1	0.9		+		1.9	1.6				
		20.19	12.0		1.0				2.6	1.8						14.12	26.1	0.8				1.6	3.3				
17	A H Z	21.15	57.7		0.9			+	8.9	7.8	4.9	3.6	18	A H Z	14.43	33.7	0.8			-		2.1	3.9	3.6	3.0		
		21.15	57.3		0.8				15.2	18.4						14.43	33.6	0.7		-		6.5	4.4				
		21.15	57.5		1.1			+	18.4	9.7						14.43	32.9	0.9		-		4.4	4.3				
17	A H Z	21.34	25.2		1.0				18.6	18.6	4.3	3.9	18	A H Z	14.49	02.5	0.5			+		3.0	4.1	1.5	2.9		
		21.34	25.1		0.8				20.8	14.8						14.49	02.0	0.8		-		4.4	7.0				
		21.34	25.2		1.0			-	19.2	11.0						14.49	02.1	0.5		-			8.2				
17	A H Z	21.47	41.0		1.0			+	0.7	2.0	3.4	2.3	18	A H Z	15.02	22.2	1.1			+		1.1	3.3	5.5	2.7		
		21.47	40.3		0.6				1.3	0.8						15.02	21.9	0.8		+		1.8	1.6				
		21.47	40.8		1.0			+	2.4	2.8						15.02	22.6	1.3				1.8	0.9				
17	A H Z	21.57			0.4				0.4	1.0	1.4	2.1	18	A H Z	16.35	39.3	1.0			+		9.0	9.6	5.2	3.8		
		21.57	23.3		0.6			-	4.0	2.3						16.35	38.8	0.9		-		16.8	24.0				
		21.57	23.9		0.9			-	4.0	4.8						16.35	39.2	1.0				10.2	11.4				
17	A H Z	22.18	49.7		0.8			+	1.0	1.4	2.8	2.5	18	A H Z	17.00	08.4	1.0				0.3	0.4	4.5	2.1			
		22.18	49.3		0.7				2.8							17.00	08.0	1.6				0.6			0.8		
		22.18	49.5		0.7			-	6.0	5.2						17.00	08.6	1.5				0.4			0.4		
17	A H Z	22.28	49.8		0.8				1.6	1.9	2.8	2.7	18	A H Z	17.12	16.8	0.9			+		1.5	2.7	3.1	2.6		
		22.28	49.1		0.6				6.6	6.0						17.12	16.1	0.6				3.8	2.8				
		22.28	49.5		0.9			-	6.0	2.0						17.12	16.7	0.9				2.7	3.8				
17	A H Z	22.29	08.7		0.9				4.3	5.0	4.3	3.1	18	A H Z	17.54	42.2	0.9				3.1	8.4	4.6	3.5			
		22.29	08.7		0.8				5.4	4.0						17.54	41.6	0.8				12.8			8.0		
		22.29	08.6		0.9			-	14.4	9.6						17.54	42.2	1.0		-					6.8		
18	A H Z	00.05	42.8		0.8			+	1.6	1.7	0	2.2	18	A H Z	19.28	40.6	1.6				0.4	0.9	6.9	2.7			
		00.05	42.9		1.0			-	0.6	0.4						19.28	39.5	1.1				1.2			2.3		
		00.05	41.9		0.4					5.5						19.28	41.1	1.8				0.2			0.4		
18	A H Z	00.18	41.8		0.4				1.6	4.3	2.5	2.2	18	A H Z	20.36	51.4	0.9				0.8	2.0	3.8	2.7			
		00.18	42.5		1.0				0.6	0.6						20.36	50.9	0.7				8.4			11.7		
		00.18	42.3		0.6			+	2.8	5.1						20.36	51.2	0.9				7.5			4.6		
18	A H Z	01.19	10.9		1.0			-	0.4	0.7	5.1	2.5	18	A H Z	20.40	31.0	1.0				0.9	1.8	4.6	2.5			
		01.19	11.4		1.2				1.7	2.4						20.40	31.6	1.3				0.6			0.8		
		01.19	10.0		0.8			+	6.0	18.3						20.40	30.8	0.7				6.6			5.4		
18	A H Z	01.30	39.3		1.0			+	2.0	4.4	5.3	3.0	18	A H Z	21.35	06.1	1.0			+		5.5	15.0	5.6	3.7		
		01.30	38.8		0.9				3.1	3.0						21.35	06.1	1.1		-		7.7	9.1				
		01.30	38.9		1.0				7.0	10.0						21.35	05.6	0.9				6.0	21.1				
18	A H Z	04.25	20.8		1.6				0.6	0.8	9.5	2.7	18	A H Z	21.42	33.9	1.1			+		2.6	6.9	6.4	3.7		
		04.25	21.4		2.0				2.7	2.9						21.42	33.5	1.0				10.8	15.0				
		04.25	20.4		1.4											21.42	33.6	1.2				6.0	6.0				
18	A H Z	06.48	26.7		1.0			+	6.2	4.1	3.6	3.0	18	A H Z	22.46	50.5	1.2				0.6	0.8	5.5	2.5			
		06.48	26.9		1.2			-	1.8	1.6						22.46	50.5	1.1		-		2.5			1.8		
		06.48	25.7		0.6					35.8						22.46	50.3	1.0				4.0			1.8		
18	A H Z	06.49	39.6		1.0				0.6	0.4	2.9	2.1	18	A H Z	23.24	43.1	1.1				2.9	4.2	5.0	3.2			
		06.49	39.7		1.3			-	0.6	0.4						23.24	42.8	0.9				8.5			5.4		
		06.49	38.4		0.5				8.0	15.4						23.24	43.1	1.0		-		7.0			3.6		
18	A H Z	07.06	22.9		0.8			+			3.0	2.7	18	A H Z	23.50	42.3	0.9				1.0	2.0	5.6				

Jun. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
19	A	02.04	37.3		0.6				2.2	2.6		
	H	02.04	37.7		0.9			-	2.6	3.5	2.5	2.7
	Z	02.04	36.8		0.5				9.6	21.2		
19	A	04.08	15.5		0.6			+	24.8	35.3		
	H	04.08	16.2		1.2				6.6	7.2	3.9	3.8
	Z	04.08	15.4		0.8				25.6	25.4		
19	A	04.37	10.3		1.0				2.6	7.6		
	H	04.37	09.9		0.9			+	13.2	35.0	4.9	3.9
	Z	04.37	10.3		1.0			-	22.6	10.9		
19	A	04.55	54.7		0.9				12.1	26.7		
	H	04.55	54.5		0.8				19.0	32.8	5.0	4.2
	Z	04.55	55.2		1.2			-	5.5	7.7		
19	A	05.05	58.1		0.7				4.3	8.4		
	H	05.05	58.2		0.9				1.2	1.6	4.3	2.8
	Z	05.05	58.5		1.0				3.3	1.5		
19	A	05.12	05.8		0.7				1.0	2.0		
	H	05.12	06.2		1.0			-	15.2	2.0	4.1	3.1
	Z	05.12	05.6		0.7				6.2	5.8		
19	A	05.20	25.9		0.7				22.0	44.2		
	H	05.20	26.3		1.0				4.7	7.6	4.8	3.9
	Z	05.20	26.6		1.0			-	7.4	4.8		
19	A	05.22	53.3		0.7				7.7	17.4		
	H	05.22	53.8		0.9				1.7	3.0	3.0	3.2
	Z	05.22			0.6				11.0	6.4		
19	A	06.00	52.0		0.6				2.5	3.1		
	H	06.00	52.4		0.9			-	2.2	2.1	2.6	2.6
	Z	06.00	51.7		0.5				11.0	7.5		
19	A	06.20	10.9		0.5				16.5	20.6		
	H	06.20	12.2		1.0				3.4	5.4	3.2	3.4
	Z	06.20	11.5		1.0				4.5	2.3		
19	A	06.27	53.7		0.6				3.5	8.0		
	H	06.27	54.2		0.9				0.4	0.7	3.4	2.5
	Z	06.27	54.3		2.0			-	2.2	1.4		
19	A	06.31	48.3		0.7			+	4.7	6.0		
	H	06.31	48.3		0.9			-	4.0	4.0	3.2	3.0
	Z	06.31	47.6		0.6				14.9	25.8		
19	A	06.33	49.6		0.6				1.2	1.4		
	H	06.33	49.9		1.0			-	1.2	1.6	2.9	2.3
	Z	06.33	49.2		0.5			-	10.7	7.4		
19	A	06.43	02.9		0.6			+	22.6	32.8		
	H	06.43	03.2		0.9			+	5.1	6.6	3.9	3.6
	Z	06.43	03.2		1.0			-	10.8			
19	A	07.28	54.4		0.9				4.0	4.4		
	H	07.28	53.9		0.7			-	6.6	6.7	2.8	3.1
	Z	07.28	54.8		0.8			-	7.7	4.4		
19	A	07.45	05.3		0.8				0.6	1.4		
	H	07.45	05.4		0.9			-	0.5	0.4	2.1	2.0
	Z	07.45	04.5		0.5			+	6.6	5.6		
19	A	07.46	11.9		0.7			+	0.8	2.0		
	H	07.46	11.6		0.9			-	0.7	0.9	2.2	2.3
	Z	07.46	10.7		0.5			-	6.8	14.0		
19	A	08.34	29.0		1.1				0.8	4.3		
	H	08.34	28.5		0.9			+	3.6	3.7	5.6	3.0
	Z	08.34	28.9		1.2			+	2.5	3.0		
19	A	09.13	54.8		1.2				1.2	2.6		
	H	09.13	54.0		1.0				12.4	21.2	5.2	3.5
	Z	09.13	54.5		1.1				2.4	3.4		
19	A	09.18	06.4		0.9			+	13.2	7.8		
	H	09.18	06.0		0.9			-	19.8	15.4	4.1	3.8
	Z	09.18	06.2		0.8					10.2		
19	A	09.18	35.2		1.0				2.8	6.7		
	H	09.18	34.8		1.2			-	10.0	16.2	6.4	3.7
	Z	09.18	34.3		1.0			+	7.8	9.2		
19	A	09.20	13.2		0.9				0.8	1.2		
	H	09.20	13.9		1.3			-	1.0	0.9	3.9	2.4
	Z	09.20	12.9		0.6				4.8	6.1		
19	A	09.28	23.6		0.9				1.6	2.3		
	H	09.28	23.2		0.9				2.4	3.6	5.0	3.0
	Z	09.28	23.3		1.0				5.0	4.2		
19	A	09.37	42.0		0.7				2.0	5.7		
	H	09.37	42.6		0.8				0.6	0.6	4.0	2.3
	Z	09.37	42.5		1.0			-	2.0	2.2		
19	A	09.38	27.9		0.6				3.4	6.3		
	H	09.38			1.0				0.6	0.6	4.0	2.4
	Z	09.38	28.2		1.0				1.6	2.6		
19	A	10.12	31.6		1.0							
	H	10.12	31.3		1.0			+				
	Z	10.12	31.2		1.0			-			5.6	2.7
19	A	11.24	59.5		0.9			+				
	H	11.24	58.8		0.5				0.5	1.6	1.6	2.5
	Z	11.24	59.5		0.8				3.6	3.2		
19	A	11.36	05.3		0.4							
	H	11.36	06.0		1.0			+	5.6	8.4	2.8	3.1
	Z	11.36	05.5		0.7				7.6	5.2		
19	A	11.36	24.9		0.4				16.0	13.0		
	H	11.36	25.9		0.9			+	3.0	6.0	2.5	2.6
	Z	11.36	25.2		0.7				2.0	1.9		
19	A	11.42	01.3		0.8				10.8	4.6		
	H	11.42	00.0		0.5			+	1.6	6.2	3.1	3.0
	Z	11.42	01.4		1.0			-	6.9	6.5		
19	A	12.51	50.0		0.7				4.6	1.6		
	H	12.51	50.2		1.4				0.7	1.4	2.8	2.1
	Z	12.51	49.2		0.6				0.4	0.4		
19	A	13.13	35.0		0.9			+	11.9	6.0		
	H	13.13	34.7		0.9				4.7	6.8	5.2	3.3
	Z	13.13	34.9		1.0			-	8.3	6.3		
19	A	15.25	32.6		0.9				9.8	10.7		
	H	15.25	32.1		0.9			+	4.6	5.3	5.2	3.2
	Z	15.25	32.4		1.0			-	4.2	5.8		
19	A	16.25	10.3		0.7			+	4.9	5.5		
	H	16.25	10.9		1.0				10.6	10.9	4.4	2.6
	Z	16.25	10.8		0.9			-	1.0	0.8		
19	A	17.14	37.5		0.9			+	3.6	16.6		
	H	17.14	37.2		0.8			+	0.6	1.0	4.3	2.5
	Z	17.14	37.4		1.0			+	3.0	3.7		
19	A	18.37	39.4		0.7				2.6	5.4		
	H	18.37	40.1		0.9			+	33.4	37.2	3.9	3.7
	Z	18.37	40.4		1.2			-	4.6	6.0		
19	A	18.52	14.1		0.7			+	4.4	11.0		
	H	18.52	14.3		1.0				16.0	15.4	4.8	3.4
	Z	18.52	14.5		1.0			-	2.5	4.3		
19	A	18.54	09.6		0.9				3.3	6.8		
	H	18.54	09.0		0.7			-	5.6	8.7	4.2	3.4
	Z	18.54	09.6		1.0				11.0	8.4		
19	A	22.05	07.9		0.5				6.4	9.6		
	H	22.05	08.4		0.8			+	2.4	2.2	3.1	1.9
	Z	22.05	08.4		0.8			-	0.4	0.3		
19	A	23.45	20.6		1.2				1.8	3.0		
	H	23.45	20.6		1.0			+	1.2	2.2	5.9	2.7
	Z	23.45	20.9		1.2				1.4	1.6		
20	A	01.33	37.6		0.9			-	3.0			
	H	01.33	37.3		0.9			+	0.8	1.8	0	2.6
	Z	01.33	38.4		1.5				3.2	2.6		
20	A	02.00	04.4		1.0				0.9	1.6		
	H	02.00	04.0		1.0			-	1.1	1.4	5.8	2.7
	Z	02.00	04.4		1.1			+	3.6	2.3		
20	A	02.01	43.8		0.7			-	4.6	5.5		
	H	02.01	43.9		1.0				12.5	13.8	4.7	3.2
	Z	02.01	44.2		1.1			-	2.4	3.2		
20	A	02.48	34.1		1.1				2.8	3.3		
	H	02.48	33.9		1.0			+	2.0	3.3	6.3	3.1
	Z	02.48	33.9		1.2				4.0	4.2		
20	A	02.49	59.8		1.2				4.5	9.2		
	H	02.49	59.1		1.0			+	0.6	2.0	6.3	2.9
	Z	02.49	59.7		1.2			+	3.2	3.7		
20	A	03.08	51.1		0.8				3.4	5.0		
	H	03.08	50.8		0.7			-	1.7	5.0	3.8	2.7
	Z	03.08	51.2		1.1				2.2	2.6		
20	A	03.13	24.1		0.9			-	2.2	3.0		

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

79

Jun. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude		Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S						E	N	U		E-W	N-S					
20	A	06.02	39.6		1.0				0.2	1.0				20	A	19.07	43.2	0.8			-	1.2	4.1			
	H	06.02	38.6		1.5				1.4	1.7	6.8	2.6			H	19.07	42.9	0.8				2.8	3.4	2.5	2.9	
	Z	06.02	39.7		1.1				0.5	2.0					Z	19.07		0.7				0.8	1.6			
20	A	06.30	49.6		0.9				1.6	2.2				20	A	19.23	29.7	0.9				1.9	3.8			
	H	06.30	49.3		0.9		-		3.8	3.6	5.0	2.8			H	19.23	28.9	0.8		+		2.8	5.5	5.0	3.0	
	Z	06.30	49.5		1.0		-		3.1	5.0					Z	19.23	29.9	1.2		-		3.5	2.2			
20	A	06.57	52.7		1.0				12.2	11.0				20	A	20.29	40.0	1.5				1.9	3.3			
	H	06.57	52.4		0.9		-		9.6	16.0	5.2	3.8			H	20.29	40.9	1.9		+		2.4	2.6	9.0	3.3	
	Z	06.57	52.7		1.0				9.1	13.5					Z	20.29	39.9	1.3				5.3	6.0			
20	A	07.33	30.7		1.0		-		4.5	6.0				20	A	21.30	03.5	0.8				1.7	4.4			
	H	07.33	30.7		1.2		-		2.8	4.9	6.3	3.3			H	21.30	03.3	0.7		+		7.5	8.6	3.9	3.1	
	Z	07.33	29.9		1.0		+		17.0						Z	21.30	04.1	1.1				2.8	3.8			
20	A	07.42	06.2		0.8				2.0	3.5				21	A	00.37	11.1	0.6				8.7	10.0			
	H	07.42	06.7		1.1				0.9	1.4	5.0	2.7			H	00.37	12.0	1.2				2.0	2.0	4.0	3.0	
	Z	07.42	05.8		0.8		+		3.0	7.2					Z	00.37	11.2	0.8		+		6.9	4.2			
20	A	08.10	05.0		1.5		+		1.2	2.6				21	A	01.10	25.2	1.0				2.8	2.5			
	H	08.10	05.5		2.0		+		2.0	2.4	9.0	3.2			H	01.10	25.3	0.7				4.0	2.8	4.1	2.8	
	Z	08.10	04.6		1.4		+		4.9	7.8					Z	01.10	25.7	1.0				4.4	6.2			
20	A	08.21	08.0		1.0			+	1.4	3.6				21	A	01.33	58.7					9.3	9.4			
	H	08.21			0.8				3.0	2.7	4.9	2.9			H	01.33	59.2					0.6	0.5		2.1	
	Z	08.21	08.3		1.1				3.1	2.6					Z	01.33	58.6					10.7	24.3			
20	A	08.39	39.2		0.5		-		0.7	3.0				21	A	02.00	27.6	0.8				0.3	4.7			
	H	08.39	39.6		0.6		+		1.8	1.0	2.2	2.3			H	02.00	27.4	0.6				2.8	3.0	3.2	2.7	
	Z	08.39	40.0		0.9		-		0.7	1.1					Z	02.00	28.4	1.0		-		3.0	0.6			
20	A	09.36	27.5		0.6		-		1.6	3.6				21	A	02.18	14.1	0.4		+		25.6	9.4			
	H	09.36	27.0		0.6				5.6	7.4	2.3	2.8			H	02.18	14.6	0.9				2.3	2.8	2.7	3.2	
	Z	09.36	28.0		0.9				4.3	3.8					Z	02.18	14.6	0.8		-		1.7	3.6			
20	A	09.46	19.3		0.6				6.0	4.4				21	A	03.01	35.8	0.4				1.6	3.0			
	H	09.46	19.6		0.8				8.6	9.0	3.3	3.1			H	03.01	36.6	0.9				5.2	7.3	2.6	2.8	
	Z	09.46	20.0		1.0		+		6.0	5.2					Z	03.01	36.3	0.7				7.0	6.7			
20	A	09.59	57.6		1.1				1.4	2.8				21	A	03.01	41.2	0.5		+		1.7	3.1			
	H	09.59	58.8		1.7		-		6.1	6.2	5.9	3.3			H	03.01	41.9	0.9				2.6	3.5	3.2	2.7	
	Z	09.59	57.2		1.1				6.4	12.3					Z	03.01	41.6	0.7		-		4.3	4.6			
20	A	10.06	11.8		1.3				3.4	3.6				21	A	04.23	10.0	0.7		+		21.8	42.6			
	H	10.06	12.5		1.9				6.0	6.3	5.7	3.5			H	04.23	10.4	0.9				2.6	2.6	3.9	3.5	
	Z	10.06	11.4		1.0		+		12.8	16.0					Z	04.23	10.4	0.8				7.7	3.8			
20	A	10.25	45.1		0.5		-		7.1	12.3				21	A	05.45	26.3	0.7				1.0	3.9			
	H	10.25	45.4		1.0				1.4	2.0	3.6	3.0			H	05.45	26.2	0.6				2.0	2.8	3.1	2.6	
	Z	10.25	45.5		1.0		-		1.6	2.1					Z	05.45	26.9	1.0				2.4	3.8			
20	A	11.07	12.1		0.9		+		0.6	0.9				21	A	05.47	56.2	1.1		+		3.7	5.1			
	H	11.07	11.6		0.7				3.4	3.0	1.3	2.3			H	05.47		0.9		+		4.0	4.2	5.9	3.1	
	Z	11.07	12.4		0.7					3.4					Z	05.47	57.0	1.2				4.9	4.0			
20	A	11.43	42.7		0.8		-		2.6	10.1				21	A	06.16	11.1	0.8				0.4	3.4			
	H	11.43	42.2		0.6				2.6	2.1	3.7	2.9			H	06.16	11.1	0.7				2.4	3.0	4.2	2.7	
	Z	11.43	43.0		1.1				2.2	1.4					Z	06.16	11.8	1.0				1.1	0.4			
20	A	12.30	58.3		1.3				0.8	3.2				21	A	06.28	28.4	0.6		-		1.8	6.4			
	H	12.30	57.3		0.8		+		1.2	1.6	5.1	2.6			H	06.28	28.4	0.7				2.3	2.8	3.1	2.7	
	Z	12.30	58.4		1.4				3.5	3.1					Z	06.28	28.9	1.0		-		2.1	3.5			
20	A	13.18	19.0		1.2				0.8	1.4				21	A	07.20	49.5	0.7				3.1	3.8			
	H	13.18	18.1		0.8		+		1.4	0.9	4.7	2.5			H	07.20	49.0	0.6				0.4		2.7	2.0	
	Z	13.18	19.2		1.2				2.4	0.7					Z	07.20	50.1	1.1		-		1.9	2.2			
20	A	13.35	46.2		0.9				0.6	2.0				21	A	07.20	51.9	0.6				1.4	6.6			
	H	13.35	46.8		1.4		-		1.0	1.1	5.3	2.6			H	07.20	50.9	0.5				0.9	1.1	1.0	3.0	
	Z	13.35	45.9		0.8		+		4.2	3.8					Z	07.20	52.4	0.8		-		2.6	1.8			
20	A	14.03	03.9		0.7				0.5	4.0				21	A	07.23	23.1	1.0		+		2.0	5.4			
	H	14.03	03.6		0.6				2.2	2.4	3.1	2.6			H	07.23	23.0	0.7				2.7	4.5	2.8	3.0	
	Z	14.03	04.3		1.0				1.1	1.7					Z	07.23	23.2	0.9		-		3.0	2.5			
20	A	14.03	42.7		0.7				0.8	5.7				21	A	08.22	50.3	0.9		-		1.7	2.8			
	H	14.03	42.2		0.6				2.8	3.0	2.8	2.7			H	08.22	51.0	1.3				2.2	2.9	5.2	2.9	
	Z	14.03	42.7		1.0				2.8	5.1					Z	08.22	50.2	0.8				3.2	10.8			
20	A	14.49	03.5		1.1		+		4.6	11.6				21	A	11.16	00.2	0.9		+		9.2	5.5			
	H	14.49	03.3		1.0		-		7.9	8.5	5.6															

Jun. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
21	A	17.45	43.3		1.0			+	1.4	2.5	3.8	2.9
	H	17.45	42.8		0.7			-	5.6	5.4		
	Z	17.45	43.5		1.0			-	6.9	3.9		
21	A	18.03	31.9		0.9			+	6.8	7.3	6.1	3.4
	H	18.03	32.3		1.4			+	4.0	5.3		
	Z	18.03	31.9		1.0			+		9.2		
21	A	19.02	51.1		0.4			+	6.6	5.9	2.4	2.9
	H	19.02	52.0		0.8			-	4.4	5.6		
	Z	19.02	51.8		0.7			-	6.6	9.5		
21	A	19.06	09.7		0.4			+	2.0	3.9	2.0	2.4
	H	19.06	10.5		0.8			+	1.4	2.2		
	Z	19.06	10.2		0.7			+	2.2	3.4		
21	A	19.43	52.1		0.5			-	4.7	9.0	2.8	3.0
	H	19.43	52.9		0.9			-	4.2	4.5		
	Z	19.43	52.7		0.7			-	8.0	4.8		
21	A	19.48	48.8		0.9			-	0.3	2.6	3.7	2.5
	H	19.48	48.2		0.6			-	1.8	2.0		
	Z	19.48	49.3		1.0			-	2.0	0.6		
21	A	20.13	19.7		1.0			-	0.5	2.2	5.4	2.8
	H	20.13	19.1		0.9			-	3.4			
	Z	20.13	19.7		1.1			-	0.9	0.8		
21	A	20.49	20.7		1.0			-	1.0	1.8	5.6	2.7
	H	20.49	21.0		1.1			-	2.1	2.9		
	Z	20.49	20.4		0.9			-		19.5		
21	A	21.20	40.4		0.5			+	15.8	17.6	3.4	3.2
	H	21.20	41.0		1.1			+	3.4			
	Z	21.20	41.1		0.9			+	10.5	11.6		
21	A	21.22	52.3		0.9			-	3.8	6.2	5.4	3.4
	H	21.22	52.9		1.1			+	10.0	6.7		
	Z	21.22	53.0		1.4			-	4.8	3.2		
21	A	21.22	59.2		1.0			-	1.6	3.3	5.7	3.0
	H	21.22	59.9		1.0			+	5.0	4.9		
	Z	21.23	00.1		1.4			-	2.4	2.7		
21	A	21.30	35.4		1.0			-	0.8	1.5	5.7	2.6
	H	21.30	35.0		1.0			-	2.4	2.2		
	Z	21.30	35.5		1.1			-	6.4	6.4		
21	A	21.34	30.0		0.6			+	4.6	7.0	4.1	2.7
	H	21.34	30.8		1.0			+	0.9	1.0		
	Z	21.34	30.5		0.9			+	6.7	5.0		
21	A	21.51	09.6		0.4			-	5.0	14.2	2.2	2.5
	H	21.51	10.4		0.7			-	0.8	0.9		
	Z	21.51	10.3		0.8			-	1.1	1.7		
21	A	21.53	07.9					-	1.7	5.0		2.2
	H	21.53	08.4		1.3			-	0.4	0.4		
	Z	21.53	08.6		1.0			-	0.4	0.6		
21	A	21.57	03.1		1.2			+	2.9	3.2	6.3	3.1
	H	21.57	01.8		1.0			+	4.8	4.9		
	Z	21.57	03.4		1.2			+	8.0	4.4		
21	A	22.05	13.1		1.1			-	51.0	68.0	3.0	4.6
	H	22.05	12.1		0.5			-		48.0		
	Z	22.05			1.3			-		46.0		
21	A	22.06	58.4		1.1			+	45.0	44.0	2.6	4.5
	H	22.06			0.5			+		46.0		
	Z	22.06			1.2			+	42.0	61.0		
21	A	22.28	04.5		0.9			+	2.0	4.0	2.9	2.7
	H	22.28	04.2		0.5			+	3.0	2.0		
	Z	22.28	05.0		1.0			+		2.0		
21	A	23.11	40.4		0.8			-	0.8	2.4	3.3	2.4
	H	23.11	39.4		0.7			-	2.0	2.0		
	Z	23.11	40.3		0.9			-	1.6	2.1		
21	A	23.14	32.3		0.7			+	0.8	4.3	2.6	2.6
	H	23.14	31.8		0.5			+	2.9	2.7		
	Z	23.14	32.6		0.9			+	1.8	1.2		
21	A	23.33	38.0		1.0			+	0.8	2.4	1.8	2.7
	H	23.33	37.6		0.5			+	3.6	4.3		
	Z	23.33	38.4		0.9			+	2.8	3.5		
22	A	00.24	19.1		0.9			+	0.9	1.9	4.0	2.5
	H	00.24	18.9		0.6			+	2.2	2.9		
	Z	00.24	18.7		1.2			+	1.9	1.4		
22	A	00.34	15.3		0.9			+	0.8	3.3	3.9	2.9
	H	00.34	15.1		0.6			+	7.0	4.2		
	Z	00.34	15.7		1.1			+	4.4	6.6		
22	A	01.21	52.5		0.9			-	0.4	0.6	4.0	2.1
	H	01.21	52.1		0.7			-	1.0	1.5		
	Z	01.21	52.9		1.0			-	1.0	0.9		
22	A	02.00	40.9		0.5			-			2.0	2.1
	H	02.00	41.3		0.6			-				
	Z	02.00	41.5		0.9			-				
22	A	03.37	52.7		0.7			-			3.5	2.6
	H	03.37	52.6		0.7			-				
	Z	03.37	53.2		0.8			-				
22	A	03.53	53.0		1.1			-			6.2	4.0
	H	03.53	53.0		1.2			-				
	Z	03.53	53.5		1.0			-				
22	A	04.49	23.1		0.7			+			3.9	2.7
	H	04.49	23.0		0.8			+				
	Z	04.49	23.4		0.9			+				
22	A	07.12	41.1		0.9			-				2.7
	H	07.12						-				
	Z	07.12	41.6		1.1			-				
22	A	09.25	57.5		1.1			-			5.7	2.6
	H	09.25			0.9			-				
	Z	09.25	57.8		1.2			-				
22	A	11.35	08.8		1.2			+			5.3	2.8
	H	11.35	08.3		0.9			+				
	Z	11.35	09.0		1.2			+				
22	A	13.57	55.6		0.9			+			3.7	2.6
	H	13.57	55.3		1.0			+				
	Z	13.57	55.5		0.7			+				
22	A	14.20	28.1		0.9			-			5.6	3.3
	H	14.20	27.8		1.0			-				
	Z	14.20	28.5		1.0			-				
22	A	14.20	56.7		0.9			-			3.4	2.5
	H	14.20	56.2		0.5			-				
	Z	14.20	57.4		1.1			-				
22	A	15.29	56.5		0.6			-			2.8	3.0
	H	15.29	56.2		0.6			-				
	Z	15.29	56.6		1.0			-				
22	A	18.45	11.4		1.0			+			2.7	3.6
	H	18.45	10.5		0.5			+				
	Z	18.45	12.1		1.0			+				
22	A	19.04	08.8		0.8			-			2.9	2.6
	H	19.04	09.3		1.5			-				
	Z	19.04	08.6		0.6			-				
22	A	19.20	22.4		1.1			+			4.8	3.1
	H	19.20	21.6		0.7			+				
	Z	19.20	22.7		1.3			+				
22	A	20.06	23.3		1.1			+			4.7	2.7
	H	20.06	22.7		0.8			+				
	Z	20.06	23.6		1.1			+				
22	A	20.17	44.7		1.0			-			4.5	2.8
	H	20.17	44.0		0.7			-				
	Z	20.17	45.0		1.1			-				
22	A	22.33	43.5		1.0			-			3.5	2.0
	H	22.33	43.8		1.0			-				
	Z	22.33	42.9		0.7			-				
23	A	01.15	39.0		1.4			-			7.6	2.6
	H	01.15	39.6		1.9			-				
	Z	01.15	38.7		1.2			-				
23	A	01.37	26.6		0.3			-			2.0	2.0
	H	01.37	26.9		0.9			-				
	Z	01.37	27.1		0.7			-				
23	A	02.44	10.6		1.3			+			6.4	2.8
	H	02.44	09.7		1.0			+				
	Z	02.44	10.5		1.3			+				
23	A	02.44	39.5		0.7			-			3.2	2.6
	H	02.44	39.1		0.6			-				
	Z	02.44	39.4		0.9			-				
23	A	04.11	26.7		1.0			+			5.1	3.4
	H	04.11	26.2		0.8			+				
	Z	04.11	26.7		1.1			+				
23	A	04.15	44.2		1.1			+			5.0	2.5
	H	04.15	43.8		0.8			+				
	Z	04.15	44.3		1.2			+				
23	A	04.17	47.0		0.9			-			4.3	2.8
	H	04.17	46.4		0.7			-				
	Z	04.17	47.3		1.2			-				
23	A	04.22	36.3		0.7			+			3.1	2.5
	H	04.22	35.8		0.6			+				
	Z	04.22	36.4		1.0			+				

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

81

Jun. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude		Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S						E	N	U		E-W	N-S					
23	A	05.33	20.5		0.8			-	1.7	5.8				23	A	21.38	39.5	0.4				1.2	3.8			
	H	05.33	20.1		0.6			+	10.0	9.8	3.7	3.2			H	21.38	39.8	0.8			+	0.6	0.8	2.5	2.2	
	Z	05.33	21.0		1.1			-	3.4	4.6					Z	21.38	40.0	0.8			-	1.2	1.3			
23	A	08.06	57.0		1.0			+	0.7	2.1				23	A	21.43	56.9	0.7				0.5	3.0			
	H	08.06	56.8		0.9				1.8	3.0	4.5	2.7			H	21.43	56.5	0.7			+	2.6	3.8	3.0	2.6	
	Z	08.06			0.9				2.0	1.8					Z	21.43	57.2	1.1				1.3	1.8			
23	A	08.47	19.4		1.0			+	1.4	2.6				23	A	23.08	58.6	1.5				4.2	10.2			
	H	08.47	19.3		0.9				1.0	1.6	5.2	2.7			H	23.08	59.1	1.7			+	3.6	4.4	9.8	3.7	
	Z	08.47	19.4		1.0				4.0	5.6					Z	23.08	58.3	1.4				16.8	12.6			
23	A	08.56	26.7		1.1				0.6	2.1				23	A	23.13	48.7	0.8				1.0	3.4			
	H	08.56	26.4		0.9				3.0	3.3	5.8	2.8			H	23.13	48.3	0.5				1.2	1.3	2.9	2.3	
	Z	08.56	26.7		1.2				1.9	1.4					Z	23.13	49.2	1.2			-	2.2	1.9			
23	A	08.59	48.9		1.2				0.7	1.8				23	A	23.48	34.3	0.5				2.0	5.1			
	H	08.59	48.5		0.9			+	2.2	2.0	5.8	2.7			H	23.48	34.9	0.8			+	0.4	0.7	2.8	2.3	
	Z	08.59			1.2				1.2	0.7					Z	23.48	34.5	1.0			-	1.6	2.8			
23	A	09.00	09.2		0.4				2.6	5.6				24	A	01.43	59.5	1.0				0.8	2.3			
	H	09.00	09.9		0.8			-	1.7	2.0	2.5	2.5			H	01.43	59.8	1.2				1.7	2.2	3.4	2.8	
	Z	09.00	09.6		0.7			-	2.2	4.2					Z	01.43	59.1	0.6				6.4	9.0			
23	A	09.18	31.4		1.1				1.1	2.4				24	A	03.50	00.8	0.5				2.6	5.0			
	H	09.18	30.8		0.9				4.5	6.5	5.1	3.1			H	03.50		0.5				1.0	2.8	0.6	2.5	
	Z	09.18	31.0		1.0			+	2.6	3.2					Z	03.50	01.2	0.8				2.2	3.6			
23	A	10.25	00.4		0.4				1.8	5.6				24	A	04.45	44.8	0.6				1.8	4.9			
	H	10.25	00.9		0.7				1.2	1.0	1.9	2.4			H	04.45	44.7	1.1				1.2	1.3	3.7	2.7	
	Z	10.25	00.8		0.7				1.4	3.0					Z	04.45	44.6	0.7			-	6.2	6.4			
23	A	10.54	11.6		0.4				4.8	9.4				24	A	04.46	11.7	0.5			+	7.4	19.6			
	H	10.54	12.2		0.9				2.0	2.2	2.4	2.8			H	04.46	12.1	0.8			+	2.0	2.2	2.8	3.0	
	Z	10.54	12.2		0.6			-	2.8	5.3					Z	04.46		0.7			-	3.6	3.8			
23	A	11.25	36.8		0.9				0.5	1.6				24	A	06.05	47.5	0.6				0.8	3.0			
	H	11.25	36.3		0.7			-	5.3	6.7	3.7	2.8			H	06.05	47.3	0.8				1.0	1.2	3.3	2.3	
	Z	11.25	37.1		0.9				3.8	3.0					Z	06.05	48.0	1.0				1.2	1.6			
23	A	11.50	01.8		0.4				1.8	8.2				24	A	07.50	06.6	0.5			-	2.1	4.2			
	H	11.50	02.1		0.6				4.3	4.6	1.6	2.8			H	07.50	06.7	0.7				0.7	0.6	2.2	2.1	
	Z	11.50	02.8		0.9			-	4.0	3.4					Z	07.50	07.2	1.0				0.6	0.4			
23	A	14.28	03.9		0.5				4.5	4.2				24	A	09.12	56.7	1.2				0.8	2.6			
	H	14.28	04.6		0.9				0.5	0.4	3.2	2.1			H	09.12	56.5	0.8			+	1.6	2.0	5.4	2.7	
	Z	14.28	04.6		0.8			-	1.6	2.0					Z	09.12	57.5	1.2			+	1.3	1.1			
23	A	14.31	08.3		0.9				0.6	1.8				24	A	10.07	28.8	1.3			+	10.1	9.9			
	H	14.31	08.2		1.0			+	2.8	2.4	5.7	2.7			H	10.07	28.0	1.0			+	25.5	43.4	6.9	4.1	
	Z	14.31	09.1		1.3			-	0.9	0.6					Z	10.07	28.9	1.5			-	10.1	8.4			
23	A	15.22	26.8		1.0				1.2	2.0				24	A	10.13	52.5	0.8			+	2.2	8.0			
	H	15.22	26.7		1.0			-	4.4	3.3	5.1	2.9			H	10.13	52.1	0.8				4.4	9.4	4.7	3.4	
	Z	15.22	27.1		0.9				8.5	6.6					Z	10.13	53.0	1.0			-	3.3	4.1			
23	A	16.40	51.6		1.1			+	11.0	17.8				24	A	10.54	29.5	1.2				1.0	2.4			
	H	16.40			0.9			+	9.4	11.7	5.8	3.8			H	10.54	28.7	0.9			+	3.0	5.9	5.7	3.1	
	Z	16.40	51.7		1.2					17.0					Z	10.54	29.6	1.3				3.4	2.4			
23	A	16.41	26.2		1.2			+	2.6	3.2				24	A	11.12	30.5	0.5				10.4	22.6			
	H	16.41	25.1		0.7			+	4.8	4.8	4.7	3.0			H	11.12	31.5	1.0				4.0	4.0	3.4	3.3	
	Z	16.41	26.2		1.2				3.9	8.4					Z	11.12	31.1	0.7			+	9.2	7.6			
23	A	16.53	53.2		1.1				1.4	2.9				24	A	12.14	09.9	0.9				2.0	3.0			
	H	16.53	52.5		0.7			+	1.8	2.0	4.8	2.7			H	12.14	10.4	0.8			-	4.4	6.0	4.9	3.0	
	Z	16.53	53.4		1.2				5.5	3.9					Z	12.14	10.2	1.0				2.5	3.3			
23	A	17.56	39.5		1.0				5.0	2.6				24	A	12.22	38.7	0.9				7.6	6.2			
	H	17.56	38.7		1.0				3.6	4.6	6.2	3.2			H	12.22	38.6	0.7			-	6.3	7.5	4.5	3.3	
	Z	17.56	39.2		1.3				7.0	3.5					Z	12.22	39.3	1.1				5.4				
23	A	18.06	12.2		1.4			-	1.0	2.2				24	A	14.31	29.2	0.4				2.1	3.3			
	H	18.06	11.6		1.8				1.0	1.4	6.4	2.9			H	14.31	29.7	0.9				0.7	0.8	2.8	2.2	
	Z	18.06	11.7		1.2			+		1.6					Z	14.31	29.6	0.7				2.0	3.2			
23	A	18.07	05.9		1.4				1.0	1.1				24	A	14.55	09.5	0.7			+	14.4	12.3			
	H	18.07	06.2		1.9				1.0	0.9	8.3	2.7			H	14.55	09.2	0.8			-	14.9	9.2	3.8	3.6	
	Z	18.07	05.5		1.3			-	1.4	4.1					Z	14.55	09.8	0.9			+	18.1	4.7			
23	A	18.09	30.2		1.8				0.4	2.2				24	A	15.18	46.6	0.7			-	0.7	3.6			
	H	18.09	29.7		1.0				1.0																	

Jun. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
24	A	19.14	29.9		0.8			-	5.8	7.8		
	H	19.14	29.5		0.6			-	4.8	7.6	3.2	3.2
	Z	19.14	30.4		0.9			-	4.2	6.2		
24	A	19.26	27.4		0.6				1.6	3.3		
	H	19.26	27.9		0.6			+	1.0	1.5	2.7	2.3
	Z	19.26	27.7		1.0			-	2.6	1.8		
24	A	20.56	36.6		0.9			-	4.9	6.9		
	H	20.56	36.1		1.0			-	9.4	8.1	5.7	3.4
	Z	20.56	36.5		1.0			+	11.4	9.3		
24	A	21.33	55.4		1.3				0.7	2.2		
	H	21.33	54.5		0.8				2.1	1.4	5.2	2.7
	Z	21.33	55.6		1.3				1.8	1.6		
24	A	23.43	20.5		0.8			-	1.2	2.0		
	H	23.43	20.1		0.7			+	3.6	3.6	3.2	2.6
	Z	23.43	21.0		1.3			-	1.4	1.5		
25	A	00.15	18.7		0.4				6.2	5.6		
	H	00.15	19.3		0.9			+	1.8	2.6	2.2	2.6
	Z	00.15	19.1		0.6				4.2	5.8		
25	A	00.51	04.5		0.6			-	1.7	3.4		
	H	00.51	04.9		1.1				0.7	0.8	3.8	2.4
	Z	00.51	05.1		1.2			-	2.8	1.3		
25	A	01.55	15.1		0.7			+	0.8	1.5		
	H	01.55	15.4		0.9			-	0.6	0.6	1.5	2.0
	Z	01.55	14.7		0.4			-	12.0	4.1		
25	A	02.30	46.8		0.7			+	4.8	5.4		
	H	02.30	47.2		0.9			+	2.3	2.7	4.0	2.8
	Z	02.30	47.6		0.9			-	9.5	6.2		
25	A	02.58	19.9		1.0				1.1	2.1		
	H	02.58	19.8		0.7				2.3	2.6	4.9	2.6
	Z	02.58			1.2				6.4	3.4		
25	A	03.36	54.8		0.6			-	0.6	2.0		
	H	03.36	54.9		1.3			-	0.6	0.6	2.9	2.2
	Z	03.36	54.5		0.6			+	7.0	8.0		
25	A	05.30	54.7		1.1				1.5	4.0		
	H	05.30	54.3		0.7			+	2.3	2.8	4.4	2.8
	Z	05.30	55.1		1.2			+	1.7	4.0		
25	A	07.02	35.6		0.6			+	27.7	32.2		
	H	07.02	35.2		0.7			-	37.6	25.3	2.9	4.0
	Z	07.02	36.1		1.1			+	15.8	57.7		
25	A	07.06	26.3		1.0			+	14.1	10.5		
	H	07.06	25.8		0.5			-	13.5	10.5	1.4	3.5
	Z	07.06	26.5		1.0			-	12.1	9.7		
25	A	08.05	59.7		0.9				2.3	4.2		
	H	08.05	59.1		0.6			-	3.4	4.5	3.6	2.9
	Z	08.05	59.1		1.0			-	0.7	3.3		
25	A	08.20	24.6		1.3			+	2.5	3.1		
	H	08.20	24.1		0.9			+	5.6	7.0	3.4	3.2
	Z	08.20	24.8		1.1			+	9.8	3.8		
25	A	08.32	04.0		1.3				2.6	5.5		
	H	08.32	03.4		0.9			+	4.2	6.4	5.5	3.4
	Z	08.32	04.3		1.3			+	1.6	2.6		
25	A	09.07	54.4		1.0				4.8	3.5		
	H	09.07	53.9		0.7			+	9.9	7.6	3.7	3.2
	Z	09.07	54.9		0.9			+	12.7	4.8		
25	A	09.09			1.0				0.6	1.6		
	H	09.09	50.1		0.5				1.9	2.6	3.5	2.4
	Z	09.09	51.5		1.2				2.8	1.8		
25	A	11.36	27.0		1.0				1.2	1.5		
	H	11.36	26.5		0.9			+	2.9	3.6	3.2	2.7
	Z	11.36	27.0		0.8			-	5.1	3.4		
25	A	12.20	28.7		1.4				2.6	2.1		
	H	12.20	27.6		1.0			+	2.2	4.5	7.0	3.1
	Z	12.20	28.9		1.4				2.3	3.1		
25	A	15.19	34.4		1.6			+	0.4	1.4		
	H	15.19	35.2		1.9			+	1.6	1.4	8.8	2.9
	Z	15.19	34.4		1.3			+	3.2	3.1		
25	A	15.27	45.1		0.8			-	2.6	6.0		
	H	15.27	44.4		0.6			+	6.8	7.3	3.5	3.1
	Z	15.27	45.4		1.0			+	5.6	5.2		
25	A	18.05	15.5		0.7			+	5.4	8.2		
	H	18.05	15.9		1.1			+	3.1	3.0	4.5	3.1
	Z	18.05	16.2		1.2			-	7.4	4.2		
25	A	23.20	38.7		1.2				2.2	5.7		
	H	23.20	37.4		0.8			-	5.3	6.0	5.5	3.2
	Z	23.20	38.6		1.5			+	1.3	2.7		
25	A	23.50	10.3		1.0			+	3.0	3.1		
	H	23.50	09.8		1.0			+	3.1	3.4	5.7	3.0
	Z	23.50	09.9		1.0			-	7.0	5.8		
26	A	00.39	32.8		1.1			-	1.4	1.9		
	H	00.39	32.4		1.0			-	2.1	2.1	4.5	2.6
	Z	00.39	32.3		0.9			+	10.2	6.0		
26	A	00.41	11.5		0.6				1.9	3.8		
	H	00.41	11.7		1.1			+	0.3	0.4	4.2	2.2
	Z	00.41	12.0		1.0			+	2.2	1.8		
26	A	00.41	26.8		0.8				0.7	2.9		
	H	00.41	26.2		0.8				4.5	4.0	4.4	2.9
	Z	00.41	26.9		0.9			-	2.9	3.2		
26	A	01.06	30.3		0.6				1.0	4.6		
	H	01.06	30.1		0.6			+	2.4	2.9	2.9	2.6
	Z	01.06	30.7		0.9				2.0	3.6		
26	A	01.26	04.7		1.0			+	3.3	1.8		
	H	01.26	04.7		1.0				4.0	4.2	4.7	3.0
	Z	01.26	04.6		0.9			-	15.2	6.5		
26	A	01.43	20.4		0.8			-	0.7	1.3		
	H	01.43	20.2		0.7			+	2.6	3.0	3.8	2.4
	Z	01.43	20.5		0.9			-	4.2	3.6		
26	A	01.57	08.7		0.4				10.3	19.8		
	H	01.57	09.2		0.8			+	4.8	5.3	2.4	3.2
	Z	01.57	09.3		0.9			+	4.3	6.1		
26	A	02.10	19.0		0.9			-	33.1	34.3		
	H	02.10	18.4		0.7			+	26.3	35.9	3.9	4.2
	Z	02.10	19.1		1.0			+	15.1	30.3		
26	A	02.41	38.4		1.3				0.9	3.3		
	H	02.41	38.6		1.4			+	5.6	6.9	7.6	3.4
	Z	02.41	38.0		1.2				3.9	2.4		
26	A	03.47	46.6		1.0				0.8	1.6		
	H	03.47	46.8		0.9				1.7	2.0	4.9	2.6
	Z	03.47	46.5		0.9				4.3	6.1		
26	A	04.00	55.6		0.9				0.9	2.2		
	H	04.00	55.3		0.6			+	1.8	2.5	3.0	2.5
	Z	04.00	55.7		0.9			+	4.2	4.1		
26	A	05.04	30.6		0.5			+	2.5	5.8		
	H	05.04	31.4		0.7			+	1.9	2.2	2.6	2.5
	Z	05.04	31.3		0.8			-	1.4	1.6		
26	A	06.46	10.6		1.1					8.7		
	H	06.46	10.6		0.8			+	12.4	12.3	4.9	3.5
	Z	06.46	10.0		1.2			-	9.8	12.8		
26	A	07.48	35.8		0.8					2.9		
	H	07.48	35.3		0.5			-	2.7	2.0	2.5	2.5
	Z	07.48	35.9		0.9				0.5	0.4		
26	A	07.48	58.6									

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

83

Jun. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
26	A	18.01	31.7		1.4			+	21.4	9.6	4.2	4.0
	H	18.01	30.5		0.7			-	12.8	15.7		
	Z	18.01	31.6		1.5			-		4.6		
26	A	18.42	34.9		0.8			-	4.8	15.0	3.8	3.9
	H	18.42			0.7			+	25.0	31.4		
	Z	18.42	35.7		1.2			-		9.4		
26	A	18.57	25.3		0.8				1.7	5.0	3.8	2.7
	H	18.57	24.9		0.7				1.8	2.8		
	Z	18.57	25.7		1.0			-		1.2		
26	A	19.30	38.4		1.1				7.0	11.0	5.9	3.6
	H	19.30	38.1		0.9			-	10.6	8.8		
	Z	19.30	38.0		1.2					14.4		
26	A	20.46	28.8		1.4				4.0	2.0	2.4	3.3
	H	20.46	27.5		0.7			-	9.0	8.6		
	Z	20.46	28.7		1.4			-		0.9		
26	A	20.56	51.8		1.3			-	3.3	8.0	2.9	3.5
	H	20.56	50.6		0.6			+	9.4	13.2		
	Z	20.56	51.9		1.3					1.6		
26	A	21.01	58.2		1.2				7.1	5.1	5.5	3.3
	H	21.01	57.6		0.8			+	5.6	5.6		
	Z	21.01			1.3					4.0		
26	A	23.51	38.9		1.2				3.3	3.4	3.8	3.0
	H	23.51	37.6		0.6			-	7.0	5.6		
	Z	23.51	38.8		1.3			-		0.6		
27	A	00.30	39.9		0.7			-	7.0	15.0	3.2	3.3
	H	00.30	39.4		0.6			+	7.2	5.9		
	Z	00.30	40.0		0.9			-		1.4		
27	A	03.36	15.1		0.4			+	5.2	6.6	2.6	2.8
	H	03.36	15.9		0.9			+	2.8	3.6		
	Z	03.36	15.6		0.7			-		3.3		
27	A	04.05	34.3		0.7				40.4	36.8	3.3	4.3
	H	04.05	34.3		1.0			-	41.0	38.2		
	Z	04.05	34.2		0.6							
27	A	04.06	08.6		1.0			+	20.5	17.6	5.0	3.8
	H	04.06	08.6		1.0				10.2	9.6		
	Z	04.06	08.7		0.9					12.2		
27	A	04.06	44.1		0.9			-	9.3	12.4	3.6	3.5
	H	04.06	43.8		0.7				8.1	8.6		
	Z	04.06	44.0		0.9					9.6		
27	A	04.17	32.5		0.7			-	1.4	7.5	3.1	3.0
	H	04.17	32.1		0.6			-	4.6	4.6		
	Z	04.17	32.8		1.0			-		3.5		
27	A	05.03	15.8		0.7				2.3	2.3	3.4	2.5
	H	05.03	15.8		0.8			-	1.7	2.8		
	Z	05.03	15.5		0.8					1.8		
27	A	06.16	39.9		0.9			+	2.6	3.1	4.8	3.0
	H	06.16	39.8		0.8				5.1	6.4		
	Z	06.16	39.9		1.0			-		4.2		
27	A	06.43	12.1		1.0				1.4	3.8		
	H	06.43	12.5		1.4				2.8	3.6		
	Z	06.43	11.5		0.8			+				
27	A	08.42	34.9		1.1				1.7	2.5	5.3	3.0
	H	08.42	36.1		0.9				5.2	3.3		
	Z	08.42	35.0		1.0			+		10.2		
27	A	08.43	34.3		1.0				1.3	2.7	3.3	3.0
	H	08.43			0.7			-	5.4	6.5		
	Z	08.43	34.1		0.9			-		3.6		
27	A	09.33	43.6		0.8			+	13.0	12.4	2.4	3.2
	H	09.33	43.0		0.6				4.4	5.4		
	Z	09.33	43.4		0.8			-		3.6		
27	A	10.06			1.2			+	12.0	20.0	3.7	3.7
	H	10.06	01.7		0.6			+	12.1	11.8		
	Z	10.06	02.8		1.3			-		5.3		
27	A	10.20	33.0		0.5				2.8	7.5	3.2	2.7
	H	10.20	33.9		1.1				1.0	1.0		
	Z	10.20	33.0		0.7					5.4		
27	A	11.32	44.5		0.5				2.8	7.0	2.9	2.5
	H	11.32	45.3		1.2				0.8	0.9		
	Z	11.32	44.5		0.6			+	6.2	5.0		
27	A	14.19	28.6		1.2				3.0	4.0	3.6	3.2
	H	14.19	28.1		0.9				6.0	6.0		
	Z	14.19	28.8		1.0				5.1	1.8		
27	A	14.29	37.3		1.2				2.0	5.2	3.2	3.1
	H	14.29	36.2		0.6			+	6.0	6.6		
	Z	14.29	37.3		1.3			-	2.1	2.1		
27	A	15.56	02.7		0.7							
	H	15.56	03.4		1.3			-				
	Z	15.56	02.5		1.0			+				
27	A	17.05	20.8		0.6				6.6	4.4	3.6	2.8
	H	17.05	21.7		1.2				1.3	1.3		
	Z	17.05	20.9		0.9			+	0.8	1.6		
27	A	18.21	32.0		1.2			+	1.8	2.3	5.1	3.0
	H	18.21	31.5		1.0				4.4	3.0		
	Z	18.21	31.9		1.0			-	10.3	6.6		
27	A	18.22	45.7		1.0				3.8	2.5	4.1	3.2
	H	18.22	45.0		1.0			-	6.8	4.6		
	Z	18.22	45.3		0.8			+				
27	A	18.34	08.9		0.5			+	7.3	14.6	2.1	3.4
	H	18.34	09.3		1.0				7.1	6.2		
	Z	18.34	07.9		0.4			-				
27	A	19.12	17.5		0.6			+	4.8	5.6	3.7	2.9
	H	19.12	17.7		0.9			+	4.0	3.9		
	Z	19.12	17.9		0.9			-				
27	A	19.58	28.8		1.0				4.0	6.6	3.0	3.1
	H	19.58	28.2		0.6			+	4.0	5.2		
	Z	19.58	28.8		1.0			+				
27	A	21.17	05.2		0.6			+	5.1	7.8	3.0	3.0
	H	21.17	05.4		1.0			-	3.8	2.8		
	Z	21.17	04.7		0.6			-				
27	A	23.03	22.3		0.5				7.9	7.6	3.2	3.3
	H	23.03	22.8		1.1			+	5.9	8.6		
	Z	23.03	22.3		0.7							
27	A	23.35	53.7		1.5				9.0	11.0		3.6
	H	23.35	52.5		0.8			+	12.8	9.8		
	Z	23.35	53.6		1.2			-				
27	A	23.57	32.6		1.2				4.4	8.0	3.7	3.4
	H	23.57	31.1		0.6			+	11.4	10.2		
	Z	23.57	32.5		1.3			-				
28	A	00.48	39.3		0.9				0.8	3.4	4.6	2.8
	H	00.48	39.6		1.4			-	1.2	1.6		
	Z	00.48	38.5		0.7							
28	A	00.48	52.8		0.7			-	3.0	4.8	2.9	2.6
	H	00.48	53.2		1.4				0.7	0.6		
	Z	00.48	52.1		0.7							
28	A	01.14	56.7		0.9				1.0	4.0	3.9	2.8
	H	01.14	57.1		1.5				1.0	0.9		
	Z	01.14	56.0		0.7							
28	A	03.25	05.9		1.2				1.0	4.6		2.8
	H	03.25	04.8						1.4	2.0		
	Z	03.25	05.9		1.0							
28	A	05.19	11.6		1.0				2.4	2.3	5.2	2.8
	H	05.19	11.2		1.0				2.6	2.1		
	Z	05.19	11.1		0.9							
28	A	05.59	05.9		1.1				1.0	2.3	6.4	3.0
	H	05.59	05.4		1.0			-	3.0	5.0		
	Z	05.59	05.6		1.2							
28	A	08.55	03.6		0.8				6.2	9.4		3.1
	H	08.55	04.0		1.1			+	1.6	2.6		
	Z	08.55	04.1									
28	A	09.00	43.5		0.9				1.1	3.3	5.9	2.7
	H	09.00	44.3		1.4				1.1	1.0		
	Z	09.00	43.3		0.9			+				
28	A	13.39	18.9		1.4				1.4	2.4	8.4	2.9
	H	13.39	19.3		1.8			+	0.9	1.2		
	Z	13.39	18.3		1.2			+	4.8	4.0		
28	A	14.17	51.4		1.1			+	1.0	2.4	5.6	2.9
	H	14.17	50.7		0.9				3.4	4.8		
	Z	14.17	51.1		1.1			-	4.6	3.1		
28	A	15.37	18.3		0.5				2.8	7.2	3.0	3.2
	H	15.37	18.4		1.0			+	6.4	7.0		
	Z	15.37			0.6			-	18.5	10.8		
28	A	16.18	40.9		1.3			+	2.3	8.5	5.9	3.5
	H	16.18	40.1		0.9			+	7.0	4.6		
	Z	16.18	40.7		1.3			+		1.2		
28	A	17.32	22.3		0.8				36.4	43.0	4.4	4.3
	H	17.32	21.9		0.7			+	37.4	4.0		
	Z	17.32	22.5		1.1					14.2		
28	A	17.32	43.5		0.7				13.2	26.1	3.6	3.7
	H	17.32	43.0		0.7			-	16.6	15.4		
	Z	17.32	43.7		1.1			-		3.6		

Seismological Data of Matsushiro Earthquake Swarm (Report II)

Jun. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
28	A	17.33	50.3		0.8			+	14.3	23.8	3.6	3.3
	H	17.33			0.6			+	3.3	3.3		
	Z	17.33	50.5		1.0			-		6.3		
28	A	17.34	21.2		0.8				1.4	3.8	3.6	2.6
	H	17.34	20.6		0.7				1.6	2.2		
	Z	17.34	21.4		1.1		-			1.0		
28	A	18.10	31.7		1.0				59.0	28.0	5.3	4.6
	H	18.10	31.0		0.9		+	40.0	49.0			
	Z	18.10	31.7		1.4					12.0		
28	A	18.11	21.2		1.3			-	5.2	7.4	3.8	3.3
	H	18.11	20.0		0.6		+	5.8	4.1			
	Z	18.11	21.2		1.4		-			0.8		
28	A	18.28	46.9		0.6				2.4	4.2	2.5	2.8
	H	18.28			0.7		+	4.4	5.2			
	Z	18.28	47.0		0.7		-			6.2		
28	A	18.31	08.9		0.8				2.5	1.6	3.5	2.6
	H	18.31	08.4		0.7				1.6	3.2		
	Z	18.31	08.8		0.9		+					
28	A	18.59	25.9		0.7				0.8	4.5	3.0	2.7
	H	18.59	25.6		1.0		-	1.6	1.0			
	Z	18.59	25.3		0.5		+					
28	A	19.07	17.9		1.4				0.5	4.6		3.2
	H	19.07			0.8		+	3.7	4.3			
	Z	19.07	17.5		1.0							
28	A	20.26	45.0		0.8			-	5.5	9.1	4.5	3.4
	H	20.26	45.3		1.2				4.6	5.4		
	Z	20.26	44.2		0.7							
28	A	21.20	25.3		0.6				0.4	1.5		2.3
	H	21.20	24.0		0.7		-	3.0	4.6			
	Z	21.20	25.3		1.0							
28	A	22.29	08.2		1.1				1.0	4.8	4.8	3.1
	H	22.29	07.6		0.7					4.7		
	Z	22.29	08.0		1.2							
29	A	03.59			0.6			+	19.1	20.1	3.8	3.1
	H	03.59	51.3		0.9				1.2	2.1		
	Z	03.59	51.1		0.8							
29	A	05.29	14.4		0.9				12.4	9.0	5.0	3.7
	H	05.29	13.9		0.8				7.8	14.2		
	Z	05.29	14.1		1.1		-					
29	A	06.25	42.9		0.7				3.7	5.7	3.7	2.9
	H	06.25	42.9		0.7		-	2.7	3.4			
	Z	06.25	43.4		0.9		-					
29	A	06.51	01.3		0.7				3.8	4.2	3.0	2.6
	H	06.51	01.7		1.0				0.8	1.6		
	Z	06.51	00.7		0.5							
29	A	10.19	48.0		1.0				0.7	1.6		2.1
	H	10.19	47.5		0.6		-	1.0	0.8			
	Z	10.19										
29	A	10.23	34.2		0.7				5.2	6.9	4.0	2.5
	H	10.23	34.5		0.8				0.5	0.8		
	Z	10.23	34.6		1.0		-					
29	A	13.54	51.8		0.4				11.2	17.4	3.1	3.2
	H	13.54	52.1		1.0		+	3.8	3.8			
	Z	13.54	52.5		0.9		-	6.4	5.7			
29	A	13.55	00.5		0.4				19.3	18.4	1.8	3.2
	H	13.55	01.0		0.8		+	3.9	6.0			
	Z	13.55	00.8		1.0		-	4.6	5.6			
29	A	13.55	29.7		0.6			+	23.8	75.2	3.4	3.7
	H	13.55	29.9		0.9		+	3.5	3.8			
	Z	13.55	30.0		0.7		-	5.8	7.4			
29	A	15.17	44.4		0.4				4.5	6.3	2.6	1.9
	H	15.17	45.0		0.8				0.2	0.2		
	Z	15.17	44.8		0.8				0.6			
29	A	15.26	56.1		0.8				10.3	17.3	2.7	3.5
	H	15.26	56.2		0.9				6.5	4.3		
	Z	15.26	55.6		0.5		+			13.2		
29	A	16.31	25.2		1.0				2.1	3.0	4.0	2.9
	H	16.31	25.2		1.1		-	1.4	0.9			
	Z	16.31	24.6		0.6		+			6.9		
29	A	16.42	29.2		1.0			+	1.0	2.5	4.2	2.9
	H	16.42	29.3		0.8		-	3.7	3.8			
	Z	16.42	29.5		0.9		-			1.7		
29	A	17.11	37.8		1.0			+	0.6	1.9	5.2	2.5
	H	17.11	37.9		1.4		+	0.9	0.8			
	Z	17.11	37.2		0.8		+			4.9		
29	A	19.20	34.1		0.7			+				2.7
	H	19.20	34.8		1.1		+		3.7	2.6		
	Z	19.20	34.1		0.6		+		1.4	2.0		
29	A	19.49	41.6		0.6			+			1.7	2.8
	H	19.49	41.0		0.6		-		2.1	4.7		
	Z	19.49	42.0		0.7		-		4.0	5.0		
29	A	20.46	19.9		1.1			-			5.8	3.2
	H	20.46	19.4		0.9		-		2.1	4.9		
	Z	20.46	19.8		1.3				3.3	5.1		
29	A	22.08	19.7		1.2			+	0.6	0.9	4.0	2.5
	H	22.08	18.9		0.9		-		2.9	2.2		
	Z	22.08	19.3		1.1		+					
29	A	23.43	21.2		0.8			+	1.1	2.4	3.4	2.7
	H	23.43	22.0		1.4		-		1.4	1.2		
	Z	23.43	20.8		0.6		+					
29	A	23.55	57.5		1.0			+	8.6	5.6	3.1	3.3
	H	23.55	57.3		0.9		+		4.2	5.2		
	Z	23.55			0.8		+					
29	A	23.57	12.8		1.2			+	1.3	1.8	5.5	2.6
	H	23.57	12.4		0.9		+		1.3	1.7		
	Z	23.57	12.5		1.1		+					
30	A	00.50	49.2		0.9							2.8
	H	00.50	48.4				+		2.9	7.6		
	Z	00.50	49.2				+		2.7	2.1		
30	A	01.05	31.9		1.0				0.9	1.2	2.8	2.4
	H	01.05	31.4		0.8		-		1.7	1.3		
	Z	01.05	31.7		0.8		-					
30	A	01.26	23.3		0.9							2.7
	H	01.26	24.5		1.4				4.8	2.4		
	Z	01.26	23.7						0.7	0.8		
30	A	01.42	55.7		1.2			+	1.5	1.7		2.6
	H	01.42	54.5				-		3.0	3.1		
	Z	01.42	55.8		1.1		-					
30	A	04.44	05.4		0.8			+	4.3	3.7	2.8	3.1
	H	04.44	05.4		0.8		-		5.4	7.2		
	Z	04.44	05.6		0.7							
30	A	05.30	18.3		0.9						3.3	2.7
	H	05.30			0.5		+		1.1	3.3		
	Z	05.30	18.5		1.1		-		4.2	3.4		
30	A	06.34	51.4		0.9			+	2.5	3.9	2.9	2.7
	H	06.34			0.5		-		4.0	3.5		
	Z	06.34	51.7		1.0							
30	A	08.20	07.0		1.0						6.0	3.5
	H	08.20			1.5				2.3	6.0		
	Z	08.20	07.2		1.1				8.6	4.9		
30	A	09.21	56.5		0.7			+	5.4	7.2		2.9
	H	09.21	56.5		0.7		-		1.9	2.9		
	Z	09.21					-					
30	A	10.07	48.9		0.5			+			3.5	3.2
	H	10.07	49.7		1.0		+		12.6	4.7		
	Z	10.07	49.6		0.8		-		2.6	4.8		
30	A	12.05	48.3		0.7						3.1	2.5
	H	12.05	48.8		1.2				1.7	2.6		
	Z	12.05	47.7		0.5		+		1.6	1.2		
30	A	12.26	36.7		1.1				53.8	14.0	5.5	3.0
	H	12.26	36.4		0.8		+		1.7	3.5		
	Z	12.26	36.9		1.2		+		4.2	4.0		
30	A	12.50	23.2		0.5				1.3	0.8	3.5	2.7
	H	12.50	23.8		1.0		+		12.0	10.8		
	Z	12.50	23.7		0.9		+		0.8	0.5		
30	A	13.01	31.0		0.6				2.0	2.9	4.2	3.4
	H	13.01	30.9		0.6		-		1.9	8.2		
	Z	13.01	31.7		0.9		-		4.4	4.2		
30	A	13.13	29.3		0.8				2.9	2.4	3.8	3.4
	H	13.13	29.5		0.9				10.0	5.3		
	Z	13.13	29.7		0.7		-		9.7	9.4		
30	A	13.22	58.1		0.8				8.2	10.5	4.2	3.4
	H	13.22	58.2		0.7		+		6.3	8.8		
	Z	13.22	58.6		1.2		+		14.6	9.2		
30	A	14.07	20.9		0.5				10.5	5.6	2.4	3.3
	H	14.07	21.1		0.9		+		12.5	32.2		
	Z	14.07	21.7		1.1		-		1.8	2.6		
30	A	17.28	55.7		0.8			+			3.6	3.0
	H	17.28	55.5		0.6		+		5.8	5.3		
	Z	17.28	55.8		1.0		-		3.8	5.9		

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

85

Jun. 1966 - Jul. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
30	A	17.39	40.4		0.9			+	6.0	4.2		
	H	17.39	40.1		0.6				2.5	4.0	3.7	2.9
	Z	17.39	40.7		1.0				3.4	4.0		
30	A	18.58	22.0		0.9				1.8	3.6		
	H	18.58	22.2		1.1				2.7	3.6	6.0	3.0
	Z	18.58	22.6		1.2				4.0	3.6		
30	A	19.51	16.2		1.0			+	0.7	3.2		
	H	19.51	15.9		0.7				3.0	2.3	4.3	2.7
	Z	19.51	16.6		1.1			-	4.1	2.7		
30	A	21.44	42.7		0.7			+	64.2	58.8		
	H	21.44	43.4		0.9			+	14.2	22.6	4.0	4.3
	Z	21.44	43.3		0.8				11.3	6.6		
30	A	21.46	24.7		0.4			+	6.1	11.2		
	H	21.46	25.4		0.8				3.7	3.2	2.0	2.9
	Z	21.46	25.4		0.8			-	2.5	2.7		
30	A	22.33	55.7		0.4				5.1	6.3		
	H	22.33	56.5		0.9				0.8	1.2	2.7	2.4
	Z	22.33	56.2		0.7				2.2	3.8		
30	A	22.54	22.3		1.1				2.7	6.9		
	H	22.54	22.0		0.9			+	10.6	10.5	5.4	3.5
	Z	22.54	22.4		1.2			+	3.3	2.0		
30	A	22.55	08.1		0.4				5.2	5.3		
	H	22.55	08.9		0.9				1.2	1.8	2.4	2.5
	Z	22.55	08.6		0.8			-	2.5	3.1		
30	A	23.30	26.3		0.9			-	1.7	2.5		
	H	23.30			0.8				1.0	1.4	0.6	2.7
	Z	23.30	25.9		0.6			+	9.4	10.3		
1966 July												
01	A	00.26	53.2		0.4			+	36.6	17.3		
	H	00.26	54.1		0.8				3.1	4.7	2.4	3.4
	Z	00.26	53.8		0.7			-	10.5	8.0		
01	A	02.43	41.3		1.5			+	4.2	6.9		
	H	02.43	42.1		1.9			+	3.1	4.8	8.9	3.7
	Z	02.43	41.2		1.3				12.8	4.3		
01	A	03.19	07.8		1.1				1.7	2.1		
	H	03.19	07.7		1.0			-	3.3	3.0	5.8	2.8
	Z	03.19	07.8		1.1			+	8.5	7.1		
01	A	03.44	20.3		1.5				4.1	3.0		
	H	03.44	19.6		1.2			+	3.4	5.1	8.1	3.3
	Z	03.44	20.6		1.5			+	2.0	0.8		
01	A	04.21	23.6		0.8				3.7	9.0		
	H	04.21	24.9		1.4			-	5.0	6.4	4.3	3.5
	Z	04.21	23.6		0.7			+		12.7		
01	A	05.32	28.5		1.1			-	18.5	11.0		
	H	05.32	28.6		0.9				10.0	8.0	4.7	3.7
	Z	05.32	27.8		1.0				5.0	5.0		
01	A	05.44	23.3		1.1				1.1	2.4		
	H	05.44	23.6		1.4			-	1.7	2.0	5.4	2.9
	Z	05.44	22.9		0.8			+	14.8			
01	A	06.06	31.3		1.0				2.2	2.9		
	H	06.06	31.6		0.8				2.7	3.6	4.2	2.9
	Z	06.06	31.6		0.9							
01	A	06.13	47.6		1.2				4.0	3.5		
	H	06.13	47.9		1.3			-	1.6	3.0	5.0	3.2
	Z	06.13	47.0		0.8			+				
01	A	07.21	40.5		1.3			+	4.6	4.1		
	H	07.21	40.6		1.5			-	2.5	2.7	6.6	3.2
	Z	07.21	40.0		1.0			-				
01	A	08.08			0.9				4.9	5.5		
	H	08.08	29.1		1.2				3.6	2.3	3.9	3.1
	Z	08.08	29.5		1.5			-				
01	A	08.38	48.6		0.6			+	1.9	3.2		
	H	08.38	48.7		0.7				2.3	3.4	3.0	2.6
	Z	08.38	48.9		0.8			-				
01	A	09.03	17.2		0.7			+	2.2	3.4		
	H	09.03	17.1		0.7			-	3.0	2.9	3.4	2.6
	Z	09.03	17.3		0.8			-				
01	A	09.59			0.5				3.4	5.9		
	H	09.59			0.6				0.7	0.6	2.2	2.1
	Z	09.59			0.8				6.1	2.7		
01	A	11.32			1.2							
	H	11.32	38.4		1.4							
	Z	11.32	37.8		1.3			+				
01	A	13.05	41.3		0.7							
	H	13.05	40.9		1.0							
	Z	13.05	41.6		1.0			+				
01	A	13.35	12.4		1.3							
	H	13.35	11.3		0.7			+				
	Z	13.35	12.8		1.3			-				
01	A	13.57	02.3		0.8			-				
	H	13.57	03.2		1.5			-				
	Z	13.57	02.2		0.6			+				
01	A	13.57	52.6		1.2			+				
	H	13.57	51.9		0.9			-				
	Z	13.57	52.1		1.0			+				
01	A	17.07	49.3		1.0							
	H	17.07	49.3		1.0							
	Z	17.07	49.5		0.9							
01	A	18.54	49.6		0.5							
	H	18.54	50.3		0.8							
	Z	18.54	50.2		0.8							
01	A	19.03	26.7		0.4			+				
	H	19.03	27.2		0.8							
	Z	19.03	27.0		0.7			-				
01	A	20.21	28.7		1.0			+				
	H	20.21	28.6		0.9			-				
	Z	20.21	29.0		1.0			+				
01	A	21.01	37.1		1.0			+				
	H	21.01	37.2		1.0			-				
	Z	21.01	37.3		1.0			-				
01	A	21.30	30.1		0.6			+				
	H	21.30	30.6		1.1			+				
	Z	21.30	30.2		0.8			-				
01	A	21.48	22.5		1.0			+				
	H	21.48	21.7		0.8							
	Z	21.48	22.2		1.0							
01	A	21.53	20.7		1.0			+				
	H	21.53	19.9		0.9							
	Z	21.53	20.4		1.0							
01	A	22.35	13.4		0.6							
	H	22.35	13.8		1.1			-				
	Z	22.35	12.8		0.5			-				
01	A	23.19	03.1		1.0			+				
	H	23.19	03.1		0.9			-				
	Z	23.19	03.2		0.8							
01	A	23.50	41.0		0.4			-				
	H	23.50	41.5		1.0							
	Z	23.50	41.2		0.7							
02	A	00.25	27.7		1.3			+				
	H	00.25	26.6		0.7			+				
	Z	00.25	27.9		1.3			-				
02	A	01.55	33.8		0.9			-				
	H	01.55	34.7		1.4			+				
	Z	01.55	33.9		0.7			+				
02	A	02.40	45.4		0.9			-				
	H	02.40	45.1		0.8			+				
	Z	02.40	46.4		1.3			-				
02	A	03.28	43.7		0.7							
	H	03.28	44.1		1.1							
	Z	03.28	44.1		1.1			-				
02	A	03.50	23.5		0.6							
	H	03.50	23.8		1.0							
	Z	03.50	24.2		1.1			-				
02	A	04.17	10.3		0.9							
	H	04.17	09.8		0.8			+				
	Z	04.17			0.7							
02	A	05.49	40.5		0.4			-				
	H	05.49	41.4		0.8							
	Z	05.49	41.4		0.7							
02	A	08.01	28.0		1.5							
	H	08.01	28.8		2.0							
	Z	08.01	27.9		1.3			+				
02	A	08.05	05.9		1.7							
	H	08.05			1.7							
	Z	08.05	05.4		1.7							

Jul. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
02	A H Z	08.22	18.5		0.4				4.8	6.9	2.4	2.3
		08.22	19.6		0.8				0.8	0.7		
		08.22	19.1		0.7			-				
02	A H Z	09.05	18.0		1.1				2.6	4.4		
		09.05			1.1			+	11.4	15.5	6.6	3.6
		09.05	17.9		1.1							
02	A H Z	09.27	04.8		1.2				10.4	5.3		
		09.27	04.3		0.9			-	13.0	12.5	3.6	3.7
		09.27	04.9		1.0			+				
02	A H Z	09.36	05.0		0.7				32.0	15.2		
		09.36	04.8		0.7			-	10.6	12.6	3.4	3.7
		09.36	05.3		0.9			-				
02	A H Z	11.49	15.1		1.2				1.9	2.7		
		11.49	15.8		1.9				1.2	1.0	6.2	2.9
		11.49	14.9		1.0				9.6	6.5		
02	A H Z	12.53	57.6		0.7			-	1.6	5.4		
		12.53	57.3		0.7			+	6.7	10.4	3.7	3.2
		12.53			1.0				1.7	1.6		
02	A H Z	13.00	15.0		0.6			-	3.3	5.3		
		13.00	15.4		0.8				0.6	1.0	0.8	2.5
		13.00	15.2		0.4				0.8	0.2		
02	A H Z	14.06	31.7		1.0				26.8	37.8		
		14.06	31.2		0.7			+	10.8	15.4	3.9	4.0
		14.06			1.0			-	19.2	13.0		
02	A H Z	15.09	54.3		0.8				7.5	15.8		
		15.09			0.7				9.4	5.7	4.2	3.5
		15.09	54.9		1.0			-	21.3	9.7		
02	A H Z	15.37	41.7		0.6			+	2.1	3.6		
		15.37	42.6		1.2				1.0	0.8	3.9	2.5
		15.37	42.0		0.7				2.6	1.8		
02	A H Z	17.00	48.4						4.3	5.8		
		17.00	48.1		1.8			+	2.6	3.2		3.1
		17.00	47.7		1.3				24.8	9.8		
02	A H Z	17.01	04.3		0.5			+	5.4	8.0		
		17.01	05.0		0.8				1.6	2.0	2.5	2.7
		17.01	04.8		0.7			-	3.5	2.2		
02	A H Z	17.02	01.7		0.6			-	2.2	6.5		
		17.02	01.5		0.6				4.6	4.4	2.8	2.9
		17.02	02.2		0.9				2.6	3.3		
02	A H Z	18.26	51.3		1.0				4.4	2.4		
		18.26	50.7		0.7			+	4.6	5.2	4.8	3.1
		18.26	51.7		1.2			+	8.5	5.8		
02	A H Z	20.37	16.8		1.3				8.5	10.0		
		20.37	15.7		0.7			+	10.8	12.5	4.3	3.6
		20.37	17.0		1.3			-	2.8	3.2		
03	A H Z	00.31	41.4		1.0				2.7	7.7		
		00.31	41.2		0.5			+	1.9	2.9	2.6	2.9
		00.31	41.9		1.0			-	4.7	1.8		
03	A H Z	01.40	12.8		0.9				2.0	3.3		
		01.40	12.5		0.7				3.0	3.3	4.0	2.7
		01.40	13.3		1.0				2.0	2.4		
03	A H Z	02.04	29.6		0.5				19.2	13.1		
		02.04	30.5		1.0			+	2.0	1.9	3.3	3.0
		02.04	30.2		0.7				5.6	5.1		
03	A H Z	02.04			0.4				7.5	5.2		
		02.04	44.8		0.7				0.3	0.2	1.3	1.9
		02.04	44.5		0.6				1.4	0.8		
03	A H Z	02.49	49.6						5.9	6.4		
		02.49	50.2						0.3	0.4		2.4
		02.49	50.3		0.6				2.2	2.3		
03	A H Z	02.51	59.9		1.2				2.8	6.3		
		02.51	59.1		1.0			+	4.7	5.0	6.6	3.3
		02.51	59.8		1.3				4.6	2.2		
03	A H Z	04.05	19.8		0.8				1.2	2.2		
		04.05	19.7		0.6			+	1.3	2.0	3.2	2.4
		04.05	20.6		0.9				1.1	0.7		
03	A H Z	05.03	59.8		0.9				9.7	11.1		
		05.03	59.2		0.6			-	8.7	8.7	3.7	3.4
		05.03	59.9		1.0				11.2	12.4		
03	A H Z	05.40	10.4		1.0				1.0	2.0		
		05.40	10.2		1.2			-	3.7	5.2	5.2	3.0
		05.40	10.0		0.8				6.9	2.2		
03	A H Z	06.25	42.6		1.0				5.9	4.4		
		06.25	42.2		0.8			-	5.0	5.6	4.1	3.2
		06.25	42.7		0.9				6.5	3.7		
03	A H Z	10.21	26.2		0.8							
		10.21	25.9		0.6				2.0	7.2		
		10.21	27.0		1.3			-	4.5	4.4	2.2	2.9
03	A H Z	12.03	55.1		0.9				4.0	10.0		
		12.03	54.3		0.5			+	3.7	3.0	3.3	3.0
		12.03	55.4		1.1			-	3.2	4.3		
03	A H Z	12.30	11.6		1.0				4.0	3.2		
		12.30	11.2		0.7				4.6	5.0	4.5	3.0
		12.30	12.0		1.1			-	3.2	2.4		
03	A H Z	14.03	01.7		0.9				1.9	5.5		
		14.03	01.3		0.6				4.6	6.7	4.2	3.1
		14.03	02.0		1.1			+	6.8	5.0		
03	A H Z	14.49	06.6		1.5				2.1	4.6		
		14.49	07.0		1.9			+	4.8	4.5	8.8	3.5
		14.49	06.3		1.3			+	6.6	5.8		
03	A H Z	16.18	51.2		0.6			+	6.5	11.3		
		16.18	51.6		1.0			-	1.3	2.2	3.8	3.0
		16.18	51.9		1.0			-	4.2	2.3		
03	A H Z	16.29	14.0		0.6			+	13.9	51.4		
		16.29	14.2		1.0			-	4.9	9.0	3.7	3.8
		16.29	14.5		1.0			-	5.2	11.0		
03	A H Z	16.29	39.8		0.6			+	1.7	4.7		
		16.29	39.8		0.9			+	0.9	1.9	4.0	2.6
		16.29	39.9		1.0			-	0.4	2.1		
03	A H Z	16.41	47.2		1.0			+	7.5	4.5		
		16.41	46.7		1.0				8.0	4.1	5.0	3.4
		16.41	47.2		0.9				4.0	15.9		
03	A H Z	17.11	57.6		0.8				0.6	3.0		
		17.11	57.4		0.9			+	1.2	3.0	4.8	2.8
		17.11			0.9				0.8	1.2		
03	A H Z	17.33	42.2		0.6				7.6	10.4		
		17.33	42.5		0.9				0.8	0.9	3.5	2.6
		17.33	42.9		1.0			-	1.5	1.8		
03	A H Z	17.42	07.6		1.0				0.5	2.6		
		17.42	07.2		0.6				1.1	1.0	3.4	2.3
		17.42	08.0		1.0				1.0	0.9		
03	A H Z	17.58	10.6		0.9			+	0.6	1.2		
		17.58	10.4		0.8			-	3.2	4.3	3.8	2.6
		17.58	10.5		0.9				1.8	7.9		
03	A H Z	20.22	37.3		0.9			-	0.5	1.0		
		20.22	37.0		0.7			-	2.2	2.8	3.2	2.4
		20.22	37.4		0.9			-	2.6	3.6		
03	A H Z	21.41	05.1		0.8			+	8.5	5.1		
		21.41	04.9		0.8			-	5.2	5.0	3.9	3.2
		21.41	05.0		0.8			-		22.5		
03	A H Z	21.41	54.8		1.1				0.7	1.8		
		21.41	54.8		1.3			-	1.3	1.7	5.0	2.7
		21.41	54.1		0.8			+		13.7		
03	A H Z	21.44	08.7		0.4			+	16.5	9.5		
		21.44	09.7		1.1				0.3	0.2	2.5	2.4
		21.44	09.3		0.7			+	1.3	2.0		
03	A H Z	22.49	46.9		1.2			+	2.3	3.5		
		22.49	46.4		0.9			+	7.9	7.5	4.4	3.2
		22.49	47.1		1.1			+	2.8	2.7		
04	A H Z	02.19	50.0		0.7				1.3	2.3		
		02.19	50.0		0.7				5.9	4.9	3.5	2.7
		02.19	50.6		0.9							
04	A H Z	02.57	16.9		1.0			+	1.1	3.5		
		02.57	16.7		0.7			-	3.5	4.6	4.5	2.9
		02.57	17.2		1.1			-				
04	A H Z	02.59	56.0		0.9			+	0.3	1.7		
		02.59	55.8		0.7			-	1.4	1.6	3.3	2.4
		02.59	56.2		0.9							
04	A H Z	03.01	33.0		0.7				1.2	2.9		
		03.01	33.9		1.0				1.4	1.5		

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

87

Jul. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude		Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude		
		h	m	s		E	N	U	E-W	N-S						E	N	U		E-W	N-S							
04	A H Z	06.09 06.09 06.09	24.1 24.3 24.8		0.7 1.0 1.0			+		1.6 0.4	4.5 0.5	4.5	2.3	05	A H Z	05.38 05.38 05.38	01.7 01.5 01.7		1.1 0.9			+		6.0 9.0 12.0	8.0 12.1 8.2			3.6
04	A H Z	06.16 06.16 06.16	01.2 00.9 01.1		0.7 0.9 0.8			+		0.8 1.6	1.6 3.0	3.8	2.5	05	A H Z	07.26 07.26 07.26	53.4 52.8 52.7		0.9 1.0 0.7			-		0.8 1.6 2.0	2.3 2.0	4.0	2.6	
04	A H Z	11.47 11.47 11.47	27.4 27.2 27.8		0.8 0.8 0.7			-		24.1 17.9 17.1	14.9 16.4 8.2	3.1	3.9	05	A H Z	08.51 08.51 08.51	14.4 14.8 14.6		0.4 0.9 0.7					3.1 1.5 0.5	3.2 0.5	2.3	2.3	
04	A H Z	11.51 11.51 11.51	30.1 30.3 30.5		0.9 0.8 0.9			-		30.6 14.9 19.5	26.9 11.5	4.1	3.9	05	A H Z	08.53 08.53 08.53	39.3 39.1 39.6		0.7 0.9 0.7	+				1.6 3.3	3.2 4.0	3.8	2.8	
04	A H Z	11.53 11.53 11.53	28.9 28.6 29.4		1.0 0.7 0.8			+		3.2 5.2 4.4	5.6 8.0	1.3	3.2	05	A H Z	09.31 09.31 09.31	47.0 46.6 47.3		0.9 1.1 1.4			-		1.7 4.2	4.2 3.4	5.0	3.0	
04	A H Z	11.54 11.54 11.54	44.2 43.7 44.3		0.8 0.8 0.9			+		0.7 3.7 3.1	3.1	3.8	2.8	05	A H Z	14.15 14.15 14.15	04.9 05.2 05.3		0.5 0.9 0.7					5.0 0.5 1.6	4.5 0.2 1.1	3.0	2.1	
04	A H Z	13.48 13.48 13.48	06.4 05.9 06.5		1.0 0.8 0.9			+		0.5 3.2 5.2	1.5 3.4	3.8	2.7	06	A H Z	16.26 16.26 16.26	56.0 55.1 55.8		1.3 1.0 1.2		+			0.6 3.1 3.0	1.9 3.1 1.7	5.1	2.9	
04	A H Z	15.54 15.54 15.54	50.7 50.7 50.7		1.0 1.2 1.0			-		2.4 2.2 1.8	3.3 2.6	6.2	2.9	05	A H Z	17.26 17.26 17.26	05.8 04.6 05.8		1.3 0.8 1.3		+			7.2 10.0 7.0	12.0 11.0 4.0	4.6	3.7	
04	A H Z	16.29 16.29 16.29	57.6 57.4 57.6		1.1 1.0 1.0			-		2.0 4.0 8.0	2.0 3.7	5.3	2.8	05	A H Z	17.30 17.30 17.30	08.8 07.6 07.6		0.6 0.5		+			0.5 1.8 2.4	2.8 2.3 2.2		2.4	
04	A H Z	17.02 17.02 17.02	46.7 46.5 46.7		0.6 0.7 0.9					6.4 5.0 5.0	9.4 7.0	3.1	3.1	05	A H Z	17.36 17.36 17.36	52.8 53.9 53.1		0.9 1.0 0.9					9.0 3.4 6.4	7.4 4.2 5.2	5.2	3.3	
04	A H Z	18.57 18.57 18.57	06.2 06.0 06.5		0.6 0.7 0.9			-		1.8 2.0 6.3	3.8 3.8	3.2	2.7	05	A H Z	17.47 17.47 17.47	45.0 45.3 45.0		0.5 0.9 0.7					2.6 0.6 5.2	8.0 0.4 2.9	3.1	2.4	
04	A H Z	20.10 20.10 20.10	44.8 43.8 44.9		1.2 0.8 1.3			+		1.1 4.4 4.2	3.6 2.8	5.4	3.0	05	A H Z	18.41 18.41 18.41	30.2 30.7 29.8		0.6 1.1 0.6			-		0.7 1.6 5.0	2.2 1.5 7.0	3.3	2.5	
04	A H Z	20.57 20.57 20.57	07.1 06.5 07.5		0.8 0.6 1.0			+		3.3 6.0 4.5	2.6 6.3	3.3	2.8	05	A H Z	21.23 21.23 21.23	36.9 36.1 36.9		0.9 0.5 0.8			-		10.1 6.6 5.4	13.2 4.4 3.4	0.9	3.2	
04	A H Z	21.14 21.14 21.14	31.7 31.8 31.6		0.9 1.1 0.9			-		1.2 2.0 5.7	1.8 2.8	5.5	2.7	05	A H Z	21.31 21.31 21.31	49.5 49.3 49.2		1.0 1.0 0.9					1.4 3.7 7.3	2.9 4.9 4.3	5.0	3.0	
04	A H Z	22.42 22.42 22.42	15.2 15.0 15.5		0.7 0.7 0.9			+		2.3 4.2 11.6	5.5 5.6	3.4	3.0	05	A H Z	21.37 21.37 21.37	26.5 25.8 26.7		0.9 0.7 1.0					1.2 1.8 1.9	3.0 1.5 0.9	3.9	2.5	
04	A H Z	23.24 23.24 23.24	43.2 42.8 42.8		1.1 1.0 0.9			+		0.6 2.3 9.2	1.6 2.2	4.6	2.7	05	A H Z	22.38 22.38 22.38	45.6 44.8 45.9		0.9 0.7 1.1					1.5 3.2 2.9	6.4 7.0 1.2	4.4	3.2	
05	A H Z	00.11 00.11 00.11	13.0 12.7 12.9		1.3 1.0 1.0			+		0.5 5.6 1.9	2.8 3.2	1.4	3.1	05	A H Z	23.38 23.39 23.39	59.7 00.1 00.2		0.6 0.9 1.1		+			30.6 6.9 13.1	49.0 11.2 4.3	3.8	3.9	
05	A H Z	00.31 00.31 00.31	31.0 30.6 31.1		0.9 0.6 1.2			-		0.6 1.4 2.2	3.9 1.4	4.0	2.5	06	A H Z	00.00 00.00 00.00	17.6 17.9 18.0		0.4 0.8 0.9					3.1 1.2 3.6	2.8 0.8 2.5	2.5	2.2	
05	A H Z	01.06 01.06 01.06	45.3 46.5 45.5		0.5 0.9 0.5					1.0 0.4 1.3	6.7 0.3	1.8	3.1	06	A H Z	00.06 00.06 00.06	07.7 08.3 08.1		0.5 0.9 0.8		+			12.8 6.2 10.8	7.1 5.8 7.3	3.4	3.2	
05	A H Z	01.57 01.57 01.57	13.0 13.5 13.4		0.5 1.0 0.8					2.6 1.4 2.4	5.8 1.8	3.2	2.6	06	A H Z	00.08 00.08 00.08	00.6 00.8 00.9		0.6 0.9 1.1		-			7.7 1.2 4.8	14.6 1.5 1.2	3.6	2.9	
05	A H Z	02.34 02.34 02.34	23.7 22.6 24.0		1.3 0.7 1.5			+		0.6 4.5 1.1	4.0 2.8	4.5	3.0	06	A H Z	00.15 00.15 00.15	20.8 21.3 21.3		0.4 0.9 1.0		+			7.3 0.6 1.2	9.2 9.9	2.2	2.5	
05	A H Z	02.42 02.42 02.42	46.3 46.1 46.9		0.8 0.7 1.0			+		3.4 5.7	8.2 6.5	4.0	3.2	06	A H Z	01.49 01.49 01.49	31.3 30.8 31.4		0.9 0.6 0.9					0.8 5.8 4.2	5.7 4.1 2.6	2.8	3.0	
05	A H Z	03.36 03.36 03.36	33.6 33.2 33.7		1.0 0.6 1.1			+		1.0 6.2	3.5 6.0	3.7	2.9	06	A H Z	03.29 03.29 03.29	40.6 39.9 40.3		1.1 1.0 1.1			-		0.5 2.6 2.5	1.3 1.4 1.5	5.8	2.6	
05	A H Z	04.14 04.14 04.14	48.0 48.0 47.4		1.1 1.4 0.9			-		3.8 7.0 12.6	4.4 9.6	5.9	3.4	06	A H Z	03.51 03.51 03.51	35.3 35.3 35.6		0.6 0.8 0.9		+			2.1 1.1 0.9	4.0 0.8 0.8	3.7	2.4	
05	A H Z	05.37 05.37 05.37	52.9 52.3 53.3		0.8 0.6 1.3			-		0.8 6.0	5.8 5.3	2.8	3.0	06	A H Z	04.35 04.35 04.35	33.7 33.2 33.7		0.7 0.7 0.9			-		19.7 16.2 10.2	19.1 14.0 6.0	3.5	3.7	

Jul. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
06	A	05.39	15.6		0.6				1.6	7.4		
	H	05.39	15.4		0.6				4.0	3.6	2.8	2.9
	Z	05.39	15.7		0.9		-		1.5	1.2		
06	A	05.49	55.4		0.6				9.2	18.4		
	H	05.49	55.7		1.0		+		0.8	1.8	4.0	3.7
	Z	05.49	55.8		1.0		-		2.7	1.1		
06	A	08.50	40.4		1.4				1.9	1.4		
	H	08.50	39.5		1.0				2.2	3.6	6.3	3.0
	Z	08.50	40.3		0.4							
06	A	09.01	06.1		0.4				12.3	11.4		
	H	09.01	06.7		0.9		-		3.4	3.8	0.6	3.0
	Z	09.01	06.0		0.3		-					
06	A	09.34	44.7		1.0				2.4	3.0		
	H	09.34	44.3		1.0		-		5.7	5.0	5.7	3.1
	Z	09.34	44.5		1.0		+					
06	A	11.41	02.0		0.9				1.8	4.4		
	H	11.41	01.4		0.6				4.2	3.8	3.1	2.9
	Z	11.41	01.9		1.0		-		6.2	3.0		
06	A	13.24	38.0		0.9				0.5	1.6		
	H	13.24	37.7		0.7		-		1.6	1.2	2.8	2.3
	Z	13.24			0.9				3.0	1.6		
06	A	14.55	34.6		0.6				1.2	2.6		
	H	14.55	35.4		1.1				0.5	0.5	3.7	2.1
	Z	14.55			0.8		+		2.2	1.4		
06	A	15.22	29.6		0.7				0.8	2.1		
	H	15.22	29.0		0.6				2.6	2.0	2.9	2.4
	Z	15.22			0.9				2.2	1.8		
06	A	15.28	28.4		0.9				1.4	4.8		
	H	15.28	27.8		0.6				2.6	2.0	3.9	2.7
	Z	15.28			1.0				2.7	1.6		
06	A	15.37	08.3		0.5				4.8	6.6		
	H	15.37	09.2		1.2		-		3.4	3.5	3.2	3.0
	Z	15.37			0.9		+		4.9	3.8		
06	A	15.39	28.3		1.0		+		0.8	2.5		
	H	15.39	27.7		0.8		+		5.6	4.0	4.3	2.9
	Z	15.39			1.0				1.4	6.8		
06	A	15.59	15.8		0.3		+		3.2	5.4		
	H	15.59	16.6		0.9		-		1.7	2.7	2.0	2.6
	Z	15.59			0.8		-		3.5	2.8		
06	A	16.29	35.8		1.0		+		0.7	2.5		
	H	16.29	35.3		0.6				2.4	3.0	2.5	2.6
	Z	16.29			0.9		-		3.5	1.7		
06	A	16.39	50.8		0.8				0.6	4.2		
	H	16.39	50.4		0.7		-		2.2	2.8	3.7	2.7
	Z	16.39			0.9		-		5.4	1.6		
06	A	16.54	31.1		0.9		+		0.6	1.6		
	H	16.54	30.9		0.7				3.2	3.2	3.1	2.6
	Z	16.54			0.8				7.6	1.8		
06	A	17.00	51.8		0.4		-		2.6	6.5		
	H	17.00	52.1		1.0		-		4.6	5.2	2.7	3.0
	Z	17.00			0.7		+		30.6			
06	A	17.02	53.8		0.9		+		3.3	8.9		
	H	17.02	53.1		0.5		-		6.6	6.7	2.8	3.2
	Z	17.02			1.0		-		8.3	7.8		
06	A	19.00	28.1		1.4		-		17.6	13.2		
	H	19.00	27.1		1.0		-		21.5	18.9	7.0	4.2
	Z	19.00			1.6		-		5.5	5.9		
06	A	20.01	00.6		0.5				23.9	16.0		
	H	20.01	01.7		1.0				0.7	0.4	2.8	2.8
	Z	20.01			0.6				2.6	1.0		
06	A	20.21	35.4		0.9				1.6	3.1		
	H	20.21	35.1		0.7		+		3.2	5.0	4.3	2.8
	Z	20.21			1.0				2.9	0.8		
06	A	23.33	42.4		0.9		+		1.4	3.5		
	H	23.33	43.1		1.2				0.9	1.3	4.8	2.7
	Z	23.33			0.7				7.8	2.3		
07	A	00.03	54.0		0.6				1.2	4.0		
	H	00.03	54.9		1.1				2.6	2.8	2.8	2.8
	Z	00.03			0.5		+		16.8	10.2		
07	A	00.17	42.2		0.6				4.9	8.8		
	H	00.17	42.7		1.0		+		2.8	4.3	3.6	3.1
	Z	00.17			0.7				37.0	4.6		
07	A	01.43	32.3		0.5				3.6	3.4		
	H	01.43	33.1		1.0		+		4.8	8.6	3.5	2.0
	Z	01.43			0.8		-		13.4	5.8		
07	A	04.02	22.6		0.9							
	H	04.02	22.0		0.5							
	Z	04.02			1.0							
07	A	05.16	04.5		0.8		+		1.6	3.4		
	H	05.16	04.0		0.6		-		3.4	3.6	2.9	2.7
	Z	05.16			0.9							
07	A	05.21	44.7		1.5				1.0	1.3		
	H	05.21	45.3		2.0		+		1.7	2.2	8.6	3.0
	Z	05.21			1.3		+					
07	A	09.24	09.9		1.3				0.8	4.1		
	H	09.24	09.6		0.9		-		6.2	9.4	5.1	3.4
	Z	09.24			1.2		+					
07	A	11.10	49.9		0.8				0.5	4.0		
	H	11.10	49.6		0.7				3.3	3.7	3.6	2.8
	Z	11.10			0.9		-		4.2	2.7		
07	A	14.06	57.3		0.5				2.6	3.7		
	H	14.06	57.5		0.7		+		0.9	0.4	2.6	2.2
	Z	14.06	58.2		0.8		-		1.2	0.6		
07	A	14.33	49.5		0.8		-		6.2	12.1		
	H	14.33	49.2		0.7				7.4	8.0	4.2	3.4
	Z	14.33	50.0		1.1		-		8.0	4.8		
07	A	14.34	07.8		0.8				10.2	16.2		
	H	14.34	07.5		0.7				16.6	16.6	3.9	3.6
	Z	14.34			1.0		-		8.6	8.4		
07	A	15.38	44.9		1.1				8.6	7.1		
	H	15.38	44.6		1.0		+		17.3	16.1	5.7	3.7
	Z	15.38	45.0		1.0				25.4	5.7		
07	A	15.45	23.3		0.8				10.2	13.7		
	H	15.45	22.8		0.5				11.3	8.0	3.1	3.4
	Z	15.45	23.6		1.0		-		6.2	3.0		
07	A	15.45	26.1		0.7		+		13.4	15.8		
	H	15.45	25.6		0.4				10.6	7.9	1.5	2.9
	Z	15.45	26.2		0.9		-		16.8	6.0		
07	A	15.56	02.1		1.0				1.6	2.6		
	H	15.56	01.6		0.9				3.0	5.0	5.3	3.0
	Z	15.56	02.0		1.1		+		2.0	2.4		
07	A	17.19	13.5		0.9				4.4	5.6		
	H	17.19	13.6		1.2				3.8	3.8	4.2	3.2
	Z	17.19	12.7		0.6		+		20.0			
07	A	18.13	01.7		0.8				3.1	3.8		
	H	18.13	01.1		0.8				4.0	6.4	4.3	3.0
	Z	18.13	01.7		0.9				5.3	5.6		
07	A	18.57			0.8				1.9	1.9		
	H	18.57	01.1		1.2				1.6	1.9	5.1	2.6
	Z	18.57	00.6		0.8		+		16.6	12.0		
07	A	19.04	48.5		0.9				2.6	2.1		
	H	19.04	47.8		0.6				2.8	2.9	2.6	2.6
	Z	19.04	48.7		0.9		-		4.7	4.4		
07	A	19.09	12.2		0.6				4.8	4.8		
	H	19.09	12.9		1.2				1.0	0.7	4.1	2.6
	Z	19.09	12.7		0.8		+		4.4	5.6		
07	A	19.33	35.2		0.6		+		6.2	5.8		
	H	19.33	35.5		1.0		-		2.0	1.6	2.6	2.8
	Z	19.33	34.6		0.5				54.2			
07	A	20.09	50.8		1.0		-		1.6	2.3		
	H	20.09	50.6		1.2		+		2.1	2.1	5.6	2.8
	Z	20.09	51.3		1.5		-		1.0	1.9		
07	A	20.34	34.9		0.6				4.1	5.1		
	H	20.34	34.9		0.7				0.7	1.6	3.3	2.6
	Z	20.34	35.3		0.8				0.7	0.6		
07	A	22.24	43.0		1.1		+		22.6	18.0		
	H	22.24	42.6		1.0		-		25.4		4.7	4.2
	Z	22.24	43.1		0.9				66.3	15.4		
07	A	22.28	10.7		0.5		+		3.6	6.8		
	H	22.28	11.2		1.0		+		0.6	0.4	3.1	2.3
	Z	22.28	11.1		0.8		-		1.4	1.4		
07	A	22.50	44.7		1.2		+		11.5	6.2		
	H	22.50	44.0		1.0		-					

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

89

Jul. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
Date	Station	h	m	s	S-P (sec)	E	N	U	E-W	N-S	Depth (km)	Magnitude
08	A	02.09	50.4		1.5				3.8	5.2		
	H	02.09	50.6		1.9			+	2.6	3.0	9.0	3.5
	Z	02.09	50.0		1.3				9.4	6.2		
08	A	02.40	29.6		1.3				1.3	2.0		
	H	02.40	28.6		0.9			+	4.0	3.4	4.7	2.9
	Z	02.40	29.6		1.2				1.4	0.4		
08	A	04.37	56.5		0.8				4.2	6.5		
	H	04.37	56.2		0.6				2.0	3.3	3.6	2.9
	Z	04.37	56.7		1.0			-	4.3	2.0		
08	A	05.16	13.9		1.0				1.4	2.0		
	H	05.16	13.9		1.3			-	0.7	0.7	4.5	2.4
	Z	05.16	13.1		0.7			+	11.2	10.6		
08	A	05.17			1.4				2.6	3.0		
	H	05.17	52.4		1.0			+	2.3	3.6	6.7	3.1
	Z	05.17	53.4		1.5				2.3	1.3		
08	A	06.00	07.2		1.0				5.6	4.1		
	H	06.00	06.7		1.0			-	6.6	5.0	5.9	3.3
	Z	06.00	07.2		1.1				12.4	5.8		
08	A	06.24	53.4		1.3				4.5	7.0		
	H	06.24	52.3		0.7			+	4.4	4.6	4.0	3.2
	Z	06.24	53.7		1.4				4.2	3.9		
08	A	07.49	17.3		0.7				23.2	18.6		
	H	07.49	17.1		1.0			-	4.6	3.4	3.0	3.5
	Z	07.49			0.5				59.8			
08	A	07.59	59.9		1.3				4.8	5.8		
	H	07.59	58.8		1.0			-	8.7	12.2	4.7	3.6
	Z	07.59	59.5		1.2				3.2	4.0		
08	A	08.06	39.3		1.1			+	2.2	2.2		
	H	08.06	38.7		0.9			+	4.0	3.6	4.2	2.9
	Z	08.06	39.2		1.0			-	6.2	2.6		
08	A	08.10	13.5		0.7			+	5.4	7.4		
	H	08.10	13.5		0.8				0.4	0.7	4.2	2.5
	Z	08.10	13.9		1.0				2.7	0.8		
08	A	08.10	18.0		0.7			+	12.6	34.4		
	H	08.10	18.1		1.0			+	2.7	5.9	4.8	3.7
	Z	08.10	18.4		1.0			-	10.2	4.2		
08	A	08.10	53.5		0.6				4.4	5.6		
	H	08.10	53.6		0.8				0.3	0.6	3.6	2.3
	Z	08.10	54.0		1.0			-	2.6	0.6		
08	A	09.04	46.2		1.3				1.0	0.8		
	H	09.04	45.9		1.1			-	1.6	1.8	2.4	2.6
	Z	09.04	46.0		0.9				5.5	1.8		
08	A	09.27	40.3		0.6				1.2	1.4		
	H	09.27	40.4		1.0			-	1.7	2.0	2.2	2.3
	Z	09.27	39.8		0.4			+	5.9	3.2		
08	A	09.43	37.4		0.7			+	1.2	2.6		
	H	09.43	37.0		0.6			-	2.6	2.4	3.2	2.5
	Z	09.43			0.9			+	0.9	2.6		
08	A	10.53	41.2		1.1				1.8	3.5		
	H	10.53	40.8		0.9			+	6.6	6.9	5.1	3.2
	Z	10.53	41.7		1.0			+	1.9	1.3		
08	A	11.20	32.0		0.5				2.3	4.3		
	H	11.20	31.9		0.7			+	0.6	2.1	2.8	2.5
	Z	11.20	32.4		0.8			-	0.8	0.6		
08	A	11.36	14.0		1.3				1.4	1.4		
	H	11.36	13.3		1.0				2.3	1.8	6.9	2.7
	Z	11.36	14.1		1.6				0.9	0.7		
08	A	12.21	42.1		1.1				2.7	3.4		
	H	12.21	41.4		0.8			+	1.8	2.0	4.7	2.7
	Z	12.21	42.5		1.2			-	5.8	4.7		
08	A	13.33	48.4		1.3				1.1	2.7		
	H	13.33	47.7		0.9			+	2.0	2.1	3.2	2.8
	Z	13.33	48.6		1.1			+	1.0	0.6		
08	A	14.58	44.3		1.1				2.5	6.0		
	H	14.58	44.0		1.0			-	3.7	6.3	5.4	3.3
	Z	14.58	44.3		1.0				9.5	4.5		
08	A	15.15	00.8		1.2				17.8	16.2		
	H	15.14	59.8		0.9			-	19.9	27.3	5.9	4.1
	Z	15.15	01.1		1.4			-	11.8	6.3		
08	A	15.17	25.5		0.8				5.8	7.2		
	H	15.17	25.2		0.7			+	3.8	4.6	1.7	3.0
	Z	15.17			0.7			-	3.6	2.5		
08	A	15.55	57.0		1.0			+	1.9	1.6		
	H	15.55	56.9		1.0			-	2.5	3.5	4.9	2.8
	Z	15.55	57.0		0.9				9.8	3.4		
08	A	16.33	48.2		0.9				16.33	48.2		
	H	16.33	48.2		0.8			+	2.1	4.4	3.7	2.9
	Z	16.33			1.3				2.9	2.5		
08	A	16.58	36.2		0.9				1.4	1.4		
	H	16.58	35.6		0.7			+	2.2	2.2	4.1	2.4
	Z	16.58	37.1		1.0				1.1	0.7		
08	A	17.56	38.8		0.9			-	1.2	3.6		
	H	17.56	38.3		0.6				1.4	2.0	3.6	2.6
	Z	17.56	39.5		1.1				1.3	0.5		
08	A	19.59	03.9		1.0				4.7	7.7		
	H	19.59	03.6		1.1			-	8.4	14.4	5.8	3.7
	Z	19.59	03.4		1.0			+	27.6			
08	A	20.09	39.9		1.0				1.5	1.1		
	H	20.09	40.3		1.5			-	0.9	1.1	3.2	2.5
	Z	20.09	39.6		0.5			-	18.3			
08	A	23.04	25.5		0.6				2.3	3.9		
	H	23.04	25.6		1.0			-	0.7	0.8	3.1	2.4
	Z	23.04	25.7		1.1			-	3.7	0.7		
09	A	00.00	25.2		1.1			+	1.1	1.0		
	H	00.00	24.6		0.8			-	3.2	2.7	1.5	2.6
	Z	00.00	25.1		0.8			+	4.4	2.4		
09	A	00.15	56.0		1.3			+	2.9	2.1		
	H	00.15	55.5		0.9			+	1.4	1.6	4.7	2.8
	Z	00.15	56.0		1.1			+	4.3	1.7		
09	A	00.29	09.4		1.1			+	2.0	3.6		
	H	00.29	08.8		0.7			-	4.0	2.8	1.1	2.9
	Z	00.29	09.7		0.9			-	3.6	2.5		
09	A	01.03	21.7		0.7				1.3	3.6		
	H	01.03	21.5		0.7			-	3.0	4.1	2.7	2.7
	Z	01.03	21.9		0.7			-	3.2	2.5		
09	A	01.07	16.0		1.0			+	1.9	4.1		
	H	01.07	15.6		0.9			-	1.7	2.6	4.9	2.9
	Z	01.07	16.2		1.0			-	8.6	2.3		
09	A	02.20	43.6		0.8				1.3	5.6		
	H	02.20	43.3		0.7			-	1.9	2.0	3.8	2.7
	Z	02.20	43.7		1.0			-	3.2	1.1		
09	A	02.22	54.2		0.8				1.8	4.0		
	H	02.22	54.8		1.3			-	1.4	1.4	4.4	2.7
	Z	02.22	53.7		0.7				31.9			
09	A	02.35	37.5		1.4				8.8	13.1		
	H	02.35	36.8		0.8			+	10.0	10.5		3.7
	Z	02.35	37.7		1.0				9.2	5.1		
09	A	02.35	40.7		0.7				8.2	6.3		
	H	02.35	39.4		0.6				6.4	7.8		3.0
	Z	02.35	40.9		0.5				4.8	4.3		
09	A	03.04	55.9		0.7			-	7.4	7.0		
	H	03.04	56.2		1.2			-	2.6	4.3	2.9	3.2
	Z	03.04	55.6		0.5			+				

Jul. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
09	A	14.19			0.9				1.3	3.4	5.8	2.6
	H	14.19			1.0			1.4	1.0			
	Z	14.19			1.1			1.0	0.5			
09	A	14.37 48.2			1.0				5.0	12.7	4.1	3.4
	H	14.37 47.5			0.7			6.6	7.2			
	Z	14.37 48.4			1.1		-	8.7	3.0			
09	A	15.18 49.7			1.3				2.8	3.6	6.3	2.8
	H	15.18 49.2			1.0			1.3	1.6			
	Z	15.18 49.9			1.3		+	7.1	3.4			
09	A	16.06 14.1			1.2		+		27.0	30.0	3.2	4.4
	H	16.06 13.6			1.0		-	20.6	38.8			
	Z	16.06 14.1			0.9			37.3	14.0			
09	A	16.52 52.6			1.1		+		4.9	5.1	6.3	3.5
	H	16.52 52.0			1.1		-	12.4	11.2			
	Z	16.52 52.7			1.1		+	4.8	3.0			
09	A	17.32 12.6			1.1				2.1	2.2	2.9	2.8
	H	17.32			0.7		-	3.0	4.3			
	Z	17.32 12.7			1.0			6.3	2.9			
09	A	18.04 42.8			0.4				2.8	3.7	2.3	2.2
	H	18.04 43.3			0.9		+	0.8	1.0			
	Z	18.04			0.7			1.5	1.1			
09	A	19.48 13.9			1.0				5.0	3.8	4.6	3.1
	H	19.48 13.6			0.9		-	2.8	5.4			
	Z	19.48 14.1			1.0			10.2	5.6			
09	A	20.21 56.3			0.4				11.2	11.4	2.5	3.0
	H	20.21 56.9			0.8		+	4.6	4.8			
	Z	20.21 56.6			0.7		-	5.0	5.3			
09	A	20.39 30.0			1.1				0.9	2.4	3.3	2.5
	H	20.39 29.2			0.5		+	2.2	2.0			
	Z	20.39 30.0			1.2			2.5	2.6			
09	A	22.02 39.2			1.0				4.7	2.8	5.0	3.1
	H	22.02 38.7			0.9		-	5.6	4.8			
	Z	22.02 39.2			1.0			7.3	2.0			
09	A	22.39 11.3			0.9				2.4	3.8	2.8	2.6
	H	22.39 10.8			0.6		-	3.0	2.7			
	Z	22.39 11.6			0.9		-	2.4	0.6			
09	A	22.48 09.8			0.4		+		2.8	2.4	0.9	1.8
	H	22.48 10.8			0.7			0.6	0.6			
	Z	22.48 10.2			0.6		-	2.2	2.0			
09	A	23.13 11.2			0.4				3.9	3.5	2.2	2.3
	H	23.13 11.9			1.2			0.7	0.7			
	Z	23.13 11.3			0.6		+	3.0	3.4			
10	A	01.49 04.4			0.4		+		2.1	2.9	1.7	1.9
	H	01.49 05.1			0.8			0.8	0.6			
	Z	01.49 04.9			0.6		-	2.3	1.6			
10	A	02.32 30.1			1.0				2.4	3.4	4.5	2.8
	H	02.32 30.7			1.4		-	1.2	1.2			
	Z	02.32 29.8			0.7		-	37.0	8.2			
10	A	02.34 22.8			1.1				4.5	6.4	5.8	3.3
	H	02.34 22.4			0.9		-	6.0	6.4			
	Z	02.34 22.7			1.2			5.8	5.0			
10	A	02.40 41.4			1.1				7.3	9.5	6.0	3.7
	H	02.40 40.9			1.0			13.0	11.2			
	Z	02.40 41.3			1.0		+	10.0	6.9			
10	A	02.49 30.8			1.3				1.2	2.0	4.7	2.8
	H	02.49 29.9			0.7		-	3.6	2.8			
	Z	02.49 31.0			1.4		-	0.8	0.6			
10	A	02.49 57.0			1.3				5.6	10.8	8.5	3.9
	H	02.49 57.0			1.3		+	11.8	11.0			
	Z	02.49 57.2			1.5		-	15.2	8.4			
10	A	03.12 41.5			1.1				5.6	8.0	5.2	3.4
	H	03.12 41.0			0.9		-	6.8	7.6			
	Z	03.12 41.3			1.0		+	7.2	6.0			
10	A	04.48 09.6			1.4				6.4	3.5	1.9	3.6
	H	04.48 08.8			1.0		+	10.8	6.8			
	Z	04.48			1.2			3.8	1.5			
10	A	05.22 45.1			1.1				3.5	3.8	4.8	3.1
	H	05.22 45.4			1.5		-	1.7	2.5			
	Z	05.22			0.7			11.8	9.0			
10	A	09.00 23.4			0.6				19.1	20.5	3.5	3.5
	H	09.00 23.6			0.8		+	9.2	10.4			
	Z	09.00			1.0			8.4	6.4			
10	A	11.16 31.4			1.0		+		4.2	6.9	3.9	3.3
	H	11.16 31.0			0.8			5.6	6.6			
	Z	11.16 31.3			0.9		-	8.4	8.2			
10	A	11.46 53.5			1.2				11.46		4.6	3.2
	H	11.46			0.7							
	Z	11.46 53.0			1.3		-					
10	A	11.47 27.6			1.0				11.47	27.6	5.7	2.9
	H	11.47 27.3			1.0		+					
	Z	11.47 27.4			1.0		+					
10	A	13.25 54.3			0.4				13.25	54.3	1.8	2.2
	H	13.25 54.8			0.8							
	Z	13.25 54.4			0.6		-					
10	A	13.47 07.6			0.8				13.47	07.6	4.5	2.3
	H	13.47 08.3			1.2							
	Z	13.47 07.8			0.7							
10	A	13.50 58.4			1.0				13.50	58.4	3.0	3.1
	H	13.50 57.9			0.6		+					
	Z	13.50 58.8			1.0							
10	A	13.54 35.4			1.0				13.54	35.4	4.7	2.8
	H	13.54 34.9			0.7		+					
	Z	13.54 35.9			1.3							
10	A	14.06 42.5			0.7						2.6	2.9
	H	14.06 42.4			0.9		-					
	Z	14.06 41.9			0.5		-					
10	A	15.44 55.3			1.0				15.44	55.3	4.8	4.4
	H	15.44 55.7			0.8		-					
	Z	15.44 56.0			1.1							
10	A	15.50 20.5			0.9						2.3	2.7
	H	15.50 19.9			0.7		+					
	Z	15.50 20.3			0.8							
10	A	16.15 09.0			1.0				16.15	09.0	4.3	4.0
	H	16.15 08.3			0.8		-					
	Z	16.15 09.1			1.0		-					
10	A	17.18 27.0			0.7						4.0	2.9
	H	17.18 27.9			1.3		+					
	Z	17.18 27.1			0.7							
10	A	17.25 34.0			0.7						4.2	2.8
	H	17.25 34.7			1.3							
	Z	17.25 34.2			0.7							
10	A	17.58 15.3			1.0						5.6	3.5
	H	17.58 14.9			0.9		+					
	Z	17.58 15.3			1.1		-					
10	A	19.06 37.6			0.7						3.4	2.9
	H	19.06 37.5			0.9		+					
	Z	19.06 37.9			1.3							
10	A	19.17 55.9			0.8						4.7	3.8
	H	19.17 56.4			1.3		+					
	Z	19.17 56.1			0.7		-					
10	A	20.00 21.8			0.4						2.5	3.1
	H	20.00 22.4			0.8		-					
	Z	20.00 22.5			0.8							
10	A	20.13 25.0			1.1						5.3	3.9
	H	20.13 24.6			1.0							
	Z	20.13 24.9			1.0							
10	A	20.30 34.4			0.4						2.4	2.8
	H	20.30 34.9			0.8		-					
	Z	20.30 34.9			0.7							
10	A	22.07 52.8			0.8						4.7	2.8
	H	22.07 52.9			0.9		+					
	Z	22.07 53.4			1.1		-					
10	A	22.26 58.9			0.8						5.0	3.0
	H	22.26 59.4			1.0		-					
	Z	22.26 59.6			1.2							
10	A	22.30 57.5			0.8						5.1	3.1
	H	22.30 57.8			1.0		+					
	Z	22.30 58.2			1.1		-					
10	A	22.33 27.9			0.6						4.0	2.5
	H	22.33 28.1			0.9							
	Z	22.33 28.5			1.0		-					
10	A	22.58 46.5			0.5						3.4	2.6
	H	22.58 47.3			1.0		+					
	Z	22.58 46.9			0.7		-					
11	A	00.58 40.0			1.3						5.5	3.3
	H	00.58 38.9			0.8		+					
	Z	00.58 40.2			1.5		-					
11	A	07.06 21.7			1.1						4.4	3.4
	H	07.06 21.2			0.8							
	Z	07.06 21.8			1.0		-					

**Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966**

91

Jul. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude		
		h	m	s		E	N	U	E-W	N-S				
11	A	07.23	34.0		0.6				7.0	9.4				
	H	07.23	34.5		1.0			+	1.3	2.0	3.8	2.9		
	Z	07.23	34.5		0.9					0.6				
11	A	09.58	43.5		1.2									
	H	09.58	43.6		1.0				3.6	5.2	6.1	3.2		
	Z	09.58	43.6		1.2				6.5	3.0				
11	A	10.03	46.1		0.6									
	H	10.03	46.8		0.8				0.7	0.5	3.2	1.8		
	Z	10.03	47.0		1.0				1.6	1.1				
11	A	11.08	17.9		0.6									
	H	11.08	18.7		0.9				0.8	0.9	3.7	2.1		
	Z	11.08	18.7		1.0			-	3.0	2.9				
11	A	11.26	16.3		1.0			+						
	H	11.26	16.8		1.1			+	17.8	31.4	6.6	4.4		
	Z	11.26	17.0		1.2			-		10.8				
11	A	11.40	27.5		0.6									
	H	11.40	28.4		1.0				5.1	6.0	3.2	3.3		
	Z	11.40	28.5		1.0			-	3.3	1.3				
11	A	11.42	33.6		0.6									
	H	11.42	34.2		1.0			+	2.0	3.0	3.8	2.9		
	Z	11.42	34.4		1.2			-	4.5	2.6				
11	A	12.25	39.2		1.4			+	5.4	3.6				
	H	12.25	38.4		0.9			+	2.0	3.4	4.3	3.2		
	Z	12.25	39.2		1.3				1.4	0.6				
11	A	12.42	59.6		0.8				13.3	17.9				
	H	12.43	00.4		0.8				4.7	5.0	3.6	3.4		
	Z	12.42	59.4		0.8					7.1				
11	A	13.35	22.6		0.5			-	2.7	2.4				
	H	13.35	23.3		1.0				0.7	0.8	3.4	2.2		
	Z	13.35	22.9		0.7			+	1.8	1.2				
11	A	13.56	18.4		0.6			-	9.2	7.7				
	H	13.56	18.3		0.9				0.6	1.0	3.7	2.7		
	Z	13.56	18.7		0.9				1.5	2.8				
11	A	14.49	26.6		1.0				1.6	1.8				
	H	14.49	26.4		1.0				3.0	2.8	5.5	2.7		
	Z	14.49	26.7		1.0			+	3.2	1.5				
11	A	15.49	13.6		1.2				1.4	2.7				
	H	15.49	12.5		0.6			+	1.8	1.2	2.6			
	Z	15.49							0.6	0.3				
11	A	16.31	39.3		0.9				0.9	0.8				
	H	16.31	39.1		1.0			+	0.5	0.6	5.2	2.2		
	Z	16.31	39.9		1.2			-	1.0	0.6				
11	A	16.41	43.9		1.1				1.3	1.4				
	H	16.41	43.5		0.8				3.8	2.0	4.4	2.6		
	Z	16.41	43.9		1.0			+	4.4	1.7				
11	A	17.05	40.9		1.1				1.5	2.0				
	H	17.05	40.4		1.0			+	3.0	2.6	6.2	2.7		
	Z	17.05	40.9		1.2			-	3.4	0.9				
11	A	17.07	14.1		0.6			+	3.3	3.4				
	H	17.07	14.1		0.7				2.0	3.0	3.0	2.6		
	Z	17.07	14.5		0.8			-	7.0	3.2				
11	A	17.07	54.7		0.7			+	4.3	6.3				
	H	17.07	54.5		0.8			-	2.6	3.4	3.7	2.9		
	Z	17.07	54.8		0.8			-	7.2	3.6				
11	A	18.52	12.3		1.4			-	1.6	2.0				
	H	18.52	12.6		1.9				2.8	2.8	5.9	3.2		
	Z	18.52	12.1		1.0			-	2.9	4.3				
11	A	18.52	23.7		1.1				1.4	2.1				
	H	18.52	24.0		1.9			+	1.4	1.3	3.5	2.3		
	Z	18.52	23.4		1.0			+	3.6	3.0				
11	A	20.22	25.2		1.0			+	2.7	1.7				
	H	20.22	25.1		0.8				3.0	4.4	4.2	2.9		
	Z	20.22	25.3		1.0			-	4.4	1.6				
11	A	20.54	57.9		1.5				2.8	2.3				
	H	20.54	56.9		0.8				2.3	2.0	2.9	3.1		
	Z	20.54	58.0		1.5				2.2	0.9				
11	A	21.45	59.0		0.7				2.9	3.4				
	H	21.45	59.6		1.0				3.0	3.4	3.1	2.8		
	Z	21.45	58.6		0.5				38.6					
11	A	22.00	38.3		1.1				3.3	3.9				
	H	22.00	37.6		0.5				6.4	3.7	2.5	3.0		
	Z	22.00	38.4		1.2				1.0	0.9				
12	A	00.02	23.1		0.9			+	5.0	6.2				
	H	00.02	23.0		0.7			-	8.4	7.2	3.7	3.2		
	Z	00.02	23.3		0.9			-	9.8	5.6				
12	A	01.57	43.6		1.0									
	H	01.57	44.1		1.1			+						
	Z	01.57			1.3									
12	A	02.06	20.0		0.8									
	H	02.06	20.0		0.8			-						
	Z	02.06	20.0		0.8			-						
12	A	03.38	44.5		0.5			+						
	H	03.38	45.6		1.0				0.6	0.6	3.4	2.3		
	Z	03.38	45.3		0.8				6.4	2.8				
12	A	05.31	33.3		0.8									
	H	05.31	32.6		0.7			+						
	Z	05.31	33.3		1.0			-						
12	A	05.32	09.4		1.1									
	H	05.32	09.0		0.8			+						
	Z	05.32	09.8		1.1			-						
12	A	05.34	46.2		1.1			+						
	H	05.34	46.0		1.1			-						
	Z	05.34	45.7		0.8			-						
12	A	06.51	41.0		1.0									
	H	06.51	40.8		0.8									
	Z	06.51	41.3		1.0									
12	A	07.27	57.3		0.7									
	H	07.27	57.9		0.9									
	Z	07.27	58.0		1.0									
12	A	07.55	16.0		1.1			+						
	H	07.55	15.3		0.8									
	Z	07.55	15.5		1.0									
12	A	08.18	26.0		1.3									
	H	08.18			0.8									
	Z	08.18	26.5		1.3									
12	A	08.38	17.4		0.8			+						
	H	08.38	17.1		0.7			-						
	Z	08.38	17.6		0.8									
12	A	12.31	06.4		1.4			+						
	H	12.31	05.7		0.8			+						
	Z	12.31	06.6		1.4			+						
12	A	14.09	01.0		1.1									
	H	14.09	00.6		1.0			-						
	Z	14.09	01.2		1.1									
12	A	14.10	08.0		1.1			-						
	H	14.10	07.7		1.0			-						
	Z	14.10	08.5		0.7									
12														

Seismological Data of Matsushiro Earthquake Swarm (Report II)

Jul. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
13	A	01.41	52.3		0.7				6.2	8.0		
	H	01.41	52.6		1.0		+		2.6	3.8	4.7	3.1
	Z	01.41	52.9		1.1		-		3.1	0.9		
13	A	01.57	51.5		0.5				1.8	1.8		
	H	01.57	52.6		1.2				0.4	0.4	3.2	1.9
	Z	01.57	52.0		0.7		+		1.4	1.0		
13	A	02.19	51.4		1.1				3.0	4.3		
	H	02.19	51.0		0.7		+		2.2	2.4	4.6	2.8
	Z	02.19			1.2				10.6	2.8		
13	A	02.21	35.0		1.2		+		8.4	12.1		
	H	02.21	34.4		0.8		+		8.4	8.0	4.9	3.6
	Z	02.21	35.2		1.3		-		17.1	6.2		
13	A	04.11	12.7		0.7		-		6.4	8.9		
	H	04.11	13.2		1.0		+		2.8	3.8	4.8	3.1
	Z	04.11	13.4		1.0		-		3.8	1.4		
13	A	06.23	09.9		0.5				2.1	4.0		
	H	06.23	10.2		0.9		+		0.7	1.6	3.0	2.5
	Z	06.23	10.4		1.0		-		1.4	1.0		
13	A	07.27	58.0		0.5				8.2	8.0		
	H	07.27	58.8		1.2		-		2.0	1.5	2.2	2.9
	Z	07.27	58.2		0.5		-		19.8	9.6		
13	A	07.28	10.1		0.7				2.3	2.3		
	H	07.28	10.8		0.5				0.4	1.2	1.2	2.1
	Z	07.28	10.5		1.2		-		1.0	0.6		
13	A	08.44	44.3		1.3				2.3	2.8		
	H	08.44	43.7		1.0		+		2.3	2.8	5.5	3.0
	Z	08.44			1.2				2.9	1.0		
13	A	09.05	16.9		1.2				4.6	6.2		
	H	09.05	16.7		1.0		+		5.4	5.8	6.0	3.4
	Z	09.05	17.1		1.2		+		7.3	1.8		
13	A	09.18	44.6		9.7				3.2	4.0		
	H	09.18	44.4		0.8		+		4.7	6.0	4.0	2.9
	Z	09.18			1.0				1.1	0.6		
13	A	10.26	02.7		0.9				1.6	3.4		
	H	10.26	03.2		1.3		-		1.3	0.8	4.3	2.7
	Z	10.26	02.3		0.6				3.6	2.6		
13	A	10.43	23.1		0.6				0.8	2.6		
	H	10.43	24.0		1.2				0.6	0.4	3.6	2.2
	Z	10.43	23.4		0.8				1.4	1.1		
13	A	11.00	04.6		0.5				1.8	2.2		
	H	11.00	05.7		1.1				0.9	0.7	3.0	2.1
	Z	11.00	05.0		0.7				2.2	2.0		
13	A	11.46	07.9		1.2		+		4.0	7.8		
	H	11.46	07.4		0.8		+		5.3	3.8	4.8	3.3
	Z	11.46	07.0		1.2		-			4.6		
13	A	12.56	20.0		0.9				3.4	6.8		
	H	12.56	19.7		0.8				8.3	9.4	4.7	3.3
	Z	12.56	20.2		1.0				7.6	2.0		
13	A	13.32	35.5		0.9				6.9	12.5		
	H	13.32	35.1		0.9				8.8	9.0	5.0	3.5
	Z	13.32	35.7		1.0		+		30.0	4.0		
13	A	14.37	40.0		0.5				2.7	4.6		
	H	14.37	40.6		0.7				0.4	0.2	2.5	2.0
	Z	14.37	40.7		0.9		-		2.1			
13	A	15.20	57.1		0.8				2.9	4.4		
	H	15.20	57.8		1.4		-		2.9	4.0	4.5	3.1
	Z	15.20	57.2		0.7				19.0	15.0		
13	A	17.41	40.3		1.3					9.2		
	H	17.41	39.7		0.8						5.0	3.7
	Z	17.41	40.2		1.3							
13	A	19.29	50.2		0.9		+		2.0	2.0		
	H	19.29	49.7		0.8		-		1.8	1.6	3.2	2.5
	Z	19.29	50.1		0.8		-		2.4	0.6		
13	A	19.30	47.7		0.5		+		6.8	8.2		
	H	19.30	48.6		1.0				0.7	0.6	3.1	2.4
	Z	19.30	48.2		0.8		+		5.6	3.5		
13	A	19.32	50.3		0.9				1.0	2.3		
	H	19.32	50.0		0.6		-		2.3	2.0	3.6	2.5
	Z	19.32	50.8		1.0		-		4.8			
13	A	20.03	31.3		0.7				3.2	3.3		
	H	20.03	31.6		1.0				0.9	1.0	4.0	2.5
	Z	20.03	31.9		1.1				1.1	0.3		
13	A	21.58	44.4		1.0				1.0	1.5		
	H	21.58	43.9		0.8		-		2.6	5.3	4.3	2.7
	Z	21.58	44.3		1.0				3.3	0.8		

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
13	A	22.00	12.0		1.5			+	2.0	1.6		
	H	22.00	12.7		1.9			+	1.2	1.6	8.0	3.0
	Z	22.00	11.7		1.2			+	11.6	2.7		
13	A	22.21	04.9		0.8			-	4.4	7.1		
	H	22.21	04.3		0.5				6.2	6.3	3.1	3.0
	Z	22.21	05.2		1.0				2.6			
13	A	23.47	58.0		0.5				1.2	4.0		
	H	23.47	58.0		0.8		+		1.0	1.0	3.0	2.3
	Z	23.47	58.5		0.9				1.4			
14	A	00.36	28.7		0.8				2.4	3.2		
	H	00.36	28.7		0.6		-		2.6	2.8	2.7	2.6
	Z	00.36	28.8		0.8		-		3.4			
14	A	00.37	03.3		1.4				4.4	3.6		
	H	00.37	02.4				+		3.9	3.2		3.0
	Z	00.37	03.7		1.1		-		0.9			
14	A	00.55	08.5		0.9				1.2	1.6		
	H	00.55	08.4		0.9		-		5.8	8.0	3.5	2.9
	Z	00.55	08.5		0.7				7.2	1.6		
14	A	01.12	05.8		1.0		+		4.6	4.3		
	H	01.12	05.7		0.8				3.0	3.8	2.8	3.0
	Z	01.12	05.9		0.8				14.0			
14	A	01.27	31.0		1.2				1.7	3.1		
	H	01.27	31.1		1.2		-		4.0	8.0	6.1	3.3
	Z	01.27	30.9		1.0		-		8.0			
14	A	02.17	34.6		1.0		+		1.3	1.8		
	H	02.17	34.5		0.8				1.6	2.2	2.7	2.5
	Z	02.17	34.5		0.8		-					
14	A	02.26	21.9		1.2		+		1.5	3.2		
	H	02.26	21.3		0.8		+		4.3	4.5	4.2	3.0
	Z	02.26	21.9		1.2				2.4			
14	A	02.41	20.8		1.5				1.5	1.4		
	H	02.41	21.6		1.9		+		0.7	0.9	7.3	2.8
	Z	02.41	20.5		1.2				8.6			
14	A	02.48	53.3		0.8		+		7.5	10.8		
	H	02.48	53.0		0.6				8.0	8.2	3.6	3.3
	Z	02.48	53.9		1.0		-		14.0	4.0		
14	A	03.13	38.5		1.0				2.2	3.2		
	H	03.13	38.7		1.2		-		1.6	2.2	5.2	2.9
	Z	03.13	38.0		0.8							
14	A	03.15	13.0		1.2				1.5	2.5		
	H	03.15	12.7		0.8		+		3.2	3.3	0	2.9
	Z	03.15	13.0		1.0				4.1			
14	A	03.32	33.0		1.1		+		2.8	3.8		
	H	03.32	33.3		1.3				2.0	1.6	4.5	2.9
	Z	03.32	32.1		0.7							
14	A	03.38	08.4		1.1				0.5	0.9		
	H	03.38	08.2		1.0		-		1.3	2.1	5.4	2.4
	Z	03.38			1.0				2.9	1.0		

**Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966**

93

Jul. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude		Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude	
		h	m	s		E	N	U	E-W	N-S						E	N	U		E-W	N-S						
14	A	14.30	05.4	0.7					2.0	3.4					A	18.25	41.0	0.6			-	1.6	4.5				
	H	14.30	06.0	1.1					0.6	0.4	3.3	2.4			H	18.25	40.4				-	1.7	2.4				2.9
	Z	14.30	05.1	0.5			+		14.4	1.8					Z	18.25	41.7	0.9				1.0	0.9				
14	A	14.30	56.5	1.3					0.6	2.0					A	19.53	12.2	0.5			-	3.4	5.9				
	H	14.30	55.8	0.7					5.0	3.4	5.3	2.9			H	19.53	12.8	0.9			+	0.6	1.3	3.0	2.6		
	Z	14.30		1.4					1.4	0.8					Z	19.53	12.6	0.7				2.1	2.2				
14	A	17.03	20.4	0.8			-		1.1	4.6					A	19.55	28.0	0.5				4.3	9.2				
	H	17.03	20.0	0.7			+		1.6	3.2	3.8	2.8			H	19.55	28.6	1.0			+	2.0	2.2	3.0	2.8		
	Z	17.03	20.9	1.0			-		2.4	0.6					Z	19.55	28.4	0.7			-	2.9	2.8				
14	A	20.58	16.3	0.6					2.5	11.4					A	21.12	57.2	0.8				2.0	4.5				
	H	20.58	17.1	1.1			+		1.8	2.9	4.2	3.2			H	21.12	57.0	0.8				3.0	3.3	3.0	2.8		
	Z	20.58	16.6	0.9					8.3	4.2					Z	21.12	57.5	0.7			+	3.6	4.0				
14	A	21.00	13.9	0.6					1.1	4.0					A	21.19	25.8	1.1			-	0.8	2.0				
	H	21.00	14.8	1.0					1.2	1.0	3.8	2.5			H	21.19	25.2	0.9			+	5.6	4.0	6.0	3.0		
	Z	21.00	14.3	0.7					3.4	3.4					Z	21.19	25.7	1.2				3.7	1.1				
14	A	21.13	55.4	0.7			-		2.6	7.9					A	22.23	26.3	0.6				4.0	8.2				
	H	21.13	56.3	1.1					2.0	2.3	3.7	3.0			H	22.23	26.9	0.8				0.3	0.4	3.6	2.3		
	Z	21.13	55.0	0.6			+		5.4	3.6					Z	22.23	26.4	0.8			-	4.2	1.2				
14	A	22.51	15.4	0.7					2.1	4.6					A	22.23	52.5	0.6				9.2	16.3				
	H	22.51	16.2	0.8					0.3	0.4	3.7	2.2			H	22.23	53.1	1.0			+	1.0	1.6	4.1	3.0		
	Z	22.51	16.0	0.8					3.8	1.0					Z	22.23	52.8	0.9			-	10.6	2.7				
14	A	22.57	13.7	0.8			-		1.1	4.4					A	22.33	13.8	1.0				4.0	2.6				
	H	22.57	14.2	1.2			-		2.8	3.0	3.7	2.9			H	22.33	13.4	0.9				3.4	3.8	5.8	3.0		
	Z	22.57	13.2	0.6					14.0						Z	22.33	13.8	1.2				2.6	1.1				
14	A	23.28	54.2	1.1					1.0	1.9					A	00.18	33.2	0.5			-	0.6	3.1				
	H	23.28	53.5	0.8			+		1.0	0.9	5.2	2.4			H	00.18	34.2	1.1				0.4		3.5	2.1		
	Z	23.28	54.5	1.2					3.6	2.4					Z	00.18	33.2	0.8				0.8	0.7				
14	A	23.47	56.6	1.2					0.4	1.7					A	00.22	47.1	0.9			+	0.7	6.4				
	H	23.47	56.1	0.9			+		1.8	2.4	5.3	2.7			H	00.22	46.9	0.6			-	2.5	2.4	3.6	2.8		
	Z	23.47	56.8	1.2					3.5	1.0					Z	00.22	47.5	1.0			-	3.1	0.8				
15	A	01.29	34.4	1.1					1.1	2.0					A	00.27	40.1	0.6				1.0	2.8				
	H	01.29	34.1	0.8			-		3.2	3.9	3.4	2.8			H	00.27	40.7	1.1			+	1.3	1.4	3.5	2.9		
	Z	01.29	34.4	0.9					4.8	1.2					Z	00.27	39.8	0.6				11.4	6.3				
15	A	03.06	10.7	0.9					1.0	1.6					A	01.42	46.7	1.0			-	0.7	2.1				
	H	03.06	11.1	1.2					4.0	5.2	5.3	2.9			H	01.42	46.8	0.8				6.0	4.6	3.8	2.9		
	Z	03.06	10.3	0.8					3.9	5.4					Z	01.42	46.6	0.9			-	16.4	6.7				
15	A	03.21	26.2	0.8			-		1.2	6.7					A	03.15	37.0	0.5				8.8	7.0				
	H	03.21	26.2	0.7					2.7	3.1	4.2	2.9			H	03.15	37.7	1.0			+	1.4	2.8	3.3	3.0		
	Z	03.21	26.9	1.0					2.6	1.7					Z	03.15	37.6	0.7			-	1.2	1.2				
15	A	04.20	33.0	1.0					3.0	7.0					A	04.28	37.5	0.7			-	4.4	7.0				
	H	04.20	33.5	1.0					3.8	5.9	5.4	3.3			H	04.28	37.8	1.0			-	4.4	4.5	3.7	3.2		
	Z	04.20	32.9	0.9					10.6						Z	04.28	36.9	0.6			-	20.0	5.6				
15	A	06.13	36.7	1.1					1.4	5.2					A	04.28	58.6	1.1			+	2.0	4.3				
	H	06.13	36.4	0.9			-		6.2	8.7	1.6	3.4			H	04.28		1.0			+	11.0	10.6	6.1	3.4		
	Z	06.13	36.8	0.8					16.3	4.5					Z	04.28	58.7	1.1				5.0	2.4				
15	A	06.28	58.2	1.0					2.2	5.9					A	05.36	56.7	0.9				4.0	4.5				
	H	06.28	58.0	1.0			-		3.2	4.4	5.9	3.2			H	05.36	56.3	0.7				4.4	2.8	3.3	2.9		
	Z	06.28	57.9	1.0					12.0	4.2					Z	05.36	56.9	0.9				26.2	4.2				
15	A	07.30	07.3	0.8					0.4	2.0					A	05.42	49.4	1.1				0.4	7.5				
	H	07.30	07.0	0.7			+		3.8	3.8	4.4	2.6			H	05.42	49.1	0.6				2.0	3.1	3.5	3.0		
	Z	07.30	07.8	1.0					1.6	1.2					Z	05.42	49.9	1.2				1.3	1.1				
15	A	09.02	05.4	1.2					0.2	2.4					A	06.42	39.5	0.9				1.3	1.9				
	H	09.02	04.4	0.5					2.6	2.4	2.8	2.6			H	06.42	39.6	1.2			-	2.9	4.7	5.4	2.9		
	Z	09.02	05.6	1.3					1.1	0.4					Z	06.42	38.8	0.8				4.6	4.8				
15	A	11.53	12.5	0.7					1.2	2.0					A	08.18	33.6	0.4				3.8	7.8				
	H	11.53	13.1	1.1			-		0.5	0.4	3.1	2.1			H	08.18	34.3	0.9				1.8	1.8	2.3	2.6		
	Z	11.53	11.8	0.5					5.4	12.6					Z	08.18	33.8	0.7				1.8	0.8				
15	A	13.03	15.2	0.5					2.6	2.9					A	09.04	10.9	0.8				1.8	3.4				
	H	13.03	15.6	0.9					0.2	0.3	3.0	1.9			H	09.04	10.7	0.9			-	8.7	10.0	4.5</			

Jul. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
16	A	12.50	25.8		0.5			-	6.0	15.4		
	H	12.50	26.4		0.7			+	2.5	2.8	2.5	2.9
	Z	12.50	26.3		0.9				2.8	2.4		
16	A	13.02	26.7		1.0			-	0.5	2.0		
	H	13.02	26.4		0.8			+	1.5	3.0	4.6	2.7
	Z	13.02	26.7		1.0				2.2	0.8		
16	A	15.29	07.9		0.9			-	0.5	1.6		
	H	15.29	07.9		0.9			+	1.4	1.4	5.2	2.4
	Z	15.29	08.3		1.3			-	0.8	0.2		
16	A	15.30	03.3		0.8			+	2.3	1.4		
	H	15.30	04.4		1.4				0.6	0.6	5.2	2.4
	Z	15.30	03.3		0.9			+	2.6	1.2		
16	A	16.33	11.0		0.9			+	0.5	2.1		
	H	16.33	10.7						1.2	0.9	2.2	
	Z	16.33	10.9		0.9				2.0	1.6		
16	A	17.28	48.2		0.9				0.4	1.2		
	H	17.28	48.1		0.8				1.7	2.0	3.0	2.4
	Z	17.28	48.2		0.7				3.9	1.1		
16	A	17.58	51.9		0.7			-	0.5	3.3		
	H	17.58	51.7		0.6				1.6	2.2	3.2	2.5
	Z	17.58	52.2		0.9				1.6	0.6		
16	A	18.08	03.4		0.7			-	0.6	6.3		
	H	18.08	02.8		0.7				5.3	4.3	2.2	3.0
	Z	18.08	03.8		1.2				1.2	0.8		
16	A	19.10	07.8		0.8			+	2.3	5.2		
	H	19.10			0.8				2.4	2.4	1.5	2.8
	Z	19.10	07.1		0.6				18.8	11.0		
16	A	19.19	03.9		0.9			+	2.2	5.7		
	H	19.19	04.3		1.2			-	4.0	5.2	4.5	3.4
	Z	19.19	03.2		0.7			+	31.4	23.4		
16	A	20.17	37.7		1.0			+	2.4	7.8		
	H	20.17	37.2		0.7			-	7.2	9.3	4.2	3.4
	Z	20.17	37.7		1.1				7.0	2.3		
16	A	22.25	54.4		0.5			+	0.9	2.4		
	H	22.25	55.0		0.8			-	2.8	4.1	2.5	2.5
	Z	22.25	54.9		0.7				2.1	2.3		
16	A	22.39	28.1		0.9			+	0.8	3.2		
	H	22.39	27.3		0.5			-	1.8	2.5	2.7	2.5
	Z	22.39	28.2		1.0				3.6	2.6		
17	A	00.09	34.9		0.6				2.1	3.1		
	H	00.09	35.6		1.2				1.4	1.5	3.2	2.5
	Z	00.09	35.0		0.6				4.1	2.1		
17	A	01.34	37.9		0.4				1.7	8.2		
	H	01.34	38.4		1.1				1.1	1.0	2.7	2.6
	Z	01.34	38.1		0.7				3.0	2.1		
17	A	01.59	01.8		1.2			+	0.5	2.1		
	H	01.59	01.0		0.9				3.6	3.9	5.5	2.9
	Z	01.59	01.8		1.2				5.6	1.5		
17	A	02.20	23.9		0.7			+	1.4	3.4		
	H	02.20	24.5		1.0				2.0	1.9	3.5	2.6
	Z	02.20	23.8		0.6			-	12.4	8.6		
17	A	03.26	06.7		0.9				0.4	2.6		
	H	03.26	06.0		0.6			+	0.6	1.1	3.6	2.2
	Z	03.26	06.9		1.1				0.5	0.8		
17	A	05.17	41.5		0.6			+	1.6	3.4		
	H	05.17	41.8		0.9			+	1.2	0.6	3.5	2.4
	Z	05.17	41.8		0.7				7.3	3.1		
17	A	07.13	45.7		1.3				0.3	2.0		
	H	07.13	44.8		0.9				0.8	1.2	4.6	2.6
	Z	07.13	45.6		1.2				1.3	0.7		
17	A	07.54	13.5		0.7			+	0.8	3.1		
	H	07.54	13.6		0.9				2.0	2.4	4.1	2.6
	Z	07.54	14.0		1.0				1.6	1.0		
17	A	09.23	37.3		0.6				0.9	3.0		
	H	09.23	37.9		0.9				1.0	0.6	3.5	2.3
	Z	09.23	37.6		0.8				6.2	2.7		
17	A	10.56	39.7		0.8				0.6	3.4		
	H	10.56	39.4		0.5				1.9	1.8	2.1	2.4
	Z	10.56			1.3				0.7	0.3		
17	A	12.27	03.2		1.2				1.0	1.8		
	H	12.27	03.0		1.0				3.2	3.7	3.4	2.9
	Z	12.27	03.1		0.9			+	14.2	3.8		
17	A	13.18	39.0		1.0			+	2.6	5.6		
	H	13.18	38.9		0.9			-	10.6	12.4	2.4	3.4
	Z	13.18	38.8		0.7				17.1	4.6		
17	A	13.22	10.8		1.0							
	H	13.22	10.5		0.8			-				
	Z	13.22	10.7					-				
17	A	13.24	08.0		1.1							
	H	13.24			0.9							
	Z	13.24	08.1		1.1							
17	A	13.31	08.8		1.0			+				
	H	13.31	08.5		0.8			-				
	Z	13.31	08.8		0.8							
17	A	14.59	56.7		0.9			+				
	H	14.59	56.3		0.6							
	Z	14.59	57.2		0.9							
17	A	15.35	42.4		1.5							
	H	15.35	43.0		2.0							
	Z	15.35			1.3			+				
17	A	18.23	59.4		1.4							
	H	18.23	58.8		0.8			+				
	Z	18.23	59.8		1.2							
17	A	18.25	03.3		0.8							
	H	18.25	03.6		1.0							
	Z	18.25	03.9		1.2			-				
17	A	19.38	34.9		1.0							
	H	19.38	35.1		0.5							
	Z	19.38			1.2							
17	A	19.44	54.5		0.7			+				
	H	19.44	54.7		1.0							
	Z	19.44	55.0		1.1							
17	A	19.50	29.7		0.7			+				
	H	19.50	30.0		1.0			+				
	Z	19.50	30.2		1.1							
17	A	19.52	38.9		0.6			+				
	H	19.52	38.9		1.0							
	Z	19.52	39.1		1.0							
17	A	20.59	45.4		0.4			+				
	H	20.59										
	Z	20.59			0.5							
17	A	22.06	46.4		0.9			+				
	H	22.06	45.8		0.7			+				
	Z	22.06	46.7		1.2			-				
17	A	22.53	19.4		0.4			+				
	H	22.53	19.4		0.7							
	Z	22.53	19.7		0.9							
17	A	23.31	01.4		0.7							
	H	23.31	01.9		1.0							
	Z	23.31	01.8		1.2			-				
17	A	23.40	35.9		1.0							
	H	23.40	35.2		0.7							
	Z	23.40	35.7		0.9							
17	A	23.51	15.0		0.8							
	H	23.51	14.5		0.6			-				
	Z	23.51	15.1		0.7			-				
18	A	01.21	33.3		0.5							
	H	01.21	33.3		0.7							
	Z	01.21	33.8		1.0							
18	A	03.50	15.5		1.0							
	H	03.50	15.0		0.5							
	Z	03.50	15.8		1.2							
18	A	05.40	09.4		0.8			-				
	H	05.40	09.0		0.8			-				
	Z	05.40	09.9		1.3							
18	A	05.40	57.6		0.9			+				
	H	05.40	57.1		0.7							
	Z	05.40	58.1		1.2							
18	A	05.52	58.4		0.8							
	H	05.52	57.0		0.6							
	Z	05.52	58.7		0.9							
18	A	07.58	18.8		1.1			-				
	H	07.58	19.0		1.3			+				
	Z	07.58	18.0		0.7							
18	A	08.30	14.2		1.0			+				
	H	08.30	13.4		0.6							
	Z	08.30	14.7		0.9							
18	A	11.03	46.7		1.2			+				
	H	11.03	45.8		0.8							
	Z	11.03	46.9		1.3							

**Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966**

95

Jul. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude			Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude	
		h	m	s		E	N	U	E-W	N-S							E	N	U		E-W	N-S						
18	A	12.05	35.6		0.9			+	18.0	23.5					19	A	08.34	55.4	0.9				0.6	1.6				
	H	12.05			1.0				18.2	22.6	5.8	4.1				H	08.34		1.0			-	2.4	3.7	5.2	2.7		
	Z	12.05	35.5		1.2					9.5						Z	08.34	55.3	0.9				5.1	3.0				
18	A	12.26	31.8		0.8			-	2.2	8.2					19	A	09.42	28.6	1.0			+	1.9	3.0				
	H	12.26	31.0		0.6				3.6	3.6	3.7	3.0				H	09.42	28.7	1.3			-	1.0	1.0	3.6	2.7		
	Z	12.26	32.1		1.0			-	5.6	1.6						Z	09.42	27.9	0.6				9.6	9.6				
18	A	12.32	11.7		1.1				0.7	1.2					19	A	11.12	21.4	0.8				1.2	2.6				
	H	12.32			0.8				2.3	2.2	4.5	2.5				H	11.12	21.4	0.8				4.0	4.8	3.9	2.8		
	Z	12.32	11.8		1.1				1.4	0.9						Z	11.12	21.5	0.8				6.2	3.2				
18	A	14.10	50.1		1.1				2.5	3.0					19	A	11.20	38.4	0.9			+	0.9	2.8				
	H	14.10	49.4		0.7			+	7.6	6.2	5.0	3.1				H	11.20	38.1	0.5				1.4	1.0	2.3	2.3		
	Z	14.10	50.3		1.2				7.0	3.0						Z	11.20	37.8	0.9				1.8	1.7				
18	A	14.31	11.0		1.3				0.4	1.6					19	A	11.29	37.1	0.8				0.6	2.7				
	H	14.31			0.7				3.9	6.3	4.2	2.9				H	11.29	36.6	0.6				1.0	1.2	3.5	2.3		
	Z	14.31	11.3		1.3				1.7	1.0						Z	11.29	37.4	1.0				0.9	0.4				
18	A	15.07	28.1		0.9				1.8	2.0					19	A	12.00	49.1	1.0				0.6	1.9				
	H	15.07	27.8		0.9			-	3.3	3.6	4.3	2.7				H	12.00	48.5	0.7			-	0.8	0.8	3.4	2.2		
	Z	15.07	27.9		0.9			-	10.6	4.9						Z	12.00		0.9				1.0	0.8				
18	A	17.41	46.5		1.1				0.8	1.6					19	A	12.33	47.7	1.3				1.6	5.6				
	H	17.41	46.2		1.2			-	1.8	2.6	6.6	2.8				H	12.33	46.8	0.8			+	4.6	4.2	5.5	3.2		
	Z	17.41	46.0		1.0				5.1	4.3						Z	12.33	47.9	1.5				1.6	0.8				
18	A	18.25	09.9		0.9				0.5	1.6					19	A	12.48	09.7	0.7				0.6	3.6				
	H	18.25	11.0		1.5				1.4	1.4	5.2	2.6				H	12.48	09.0	0.5			-	3.3	2.6	2.4	2.5		
	Z	18.25	10.1		0.9				2.0	1.6						Z	12.48	10.0	1.0				1.5	0.6				
18	A	19.06	07.3		0.8				2.2	2.9					19	A	13.54	47.9	0.9			+	1.1	5.1				
	H	19.06	07.1		0.8				5.6	6.6	3.6	2.9				H	13.54	47.3	0.6				1.2	1.0	3.6	2.5		
	Z	19.06	07.5		0.7				5.7	4.5						Z	13.54	48.7	1.0				2.5	1.0				
18	A	19.26	32.9		1.2			+	0.7	2.6					19	A	13.56	59.7	0.8			-	0.4	2.3				
	H	19.26	32.0		0.8				2.0	2.6	4.4	2.8				H	13.57	00.1	0.7			+	1.4	1.6	3.7	2.3		
	Z	19.26	33.1		1.2				5.3	3.0						Z	13.57	01.0	1.1				1.0	0.4				
18	A	21.24	13.3		1.0				0.4	2.4					19	A	14.12	26.6	0.9			+	1.8	3.4				
	H	21.24	12.8		0.7				2.2	3.0	4.2	2.7				H	14.12	25.8	0.5			-	2.8	2.9		2.6		
	Z	21.24	13.5		1.0				2.0	1.3						Z	14.12	27.0	0.8			-	11.5	2.5				
18	A	22.06	43.8		0.5				0.8	2.4					19	A	14.12	33.7	0.8			+	2.0	2.6				
	H	22.06	44.8		1.0				0.5	0.6	3.0	2.1				H	14.12	34.3	1.4			-	2.0	2.4	4.5	2.9		
	Z	22.06	44.1		0.6			+	2.3	1.9						Z	14.12	33.8	0.8			+	4.5	3.3				
18	A	22.53	06.4		0.8			+	1.4	5.2					19	A	15.04	07.3	0.8			-	2.2	7.4				
	H	22.53	06.0		0.5				2.4	2.4	1.9	2.6				H	15.04	07.4	0.9				1.0	0.8	5.0	3.4		
	Z	22.53			0.8				5.6	2.1						Z	15.04	08.2	1.1			-	3.0	1.4				
18	A	22.54	05.6		1.3				0.2	2.1					19	A	15.46	11.9	0.3			-	2.1	2.5				
	H	22.54	04.9		0.9			+	2.2	2.4	4.7	2.7				H	15.46	12.5	0.9				0.3	0.4	1.3	1.7		
	Z	22.54	05.8		1.2				0.7	0.5						Z	15.46	12.6	0.5				1.0	0.7				
18	A	23.49	28.9		1.4				1.6	1.8					19	A	16.01	40.5	0.9				1.3	3.9				
	H	23.49	28.9		1.9			+	0.9	1.2	8.1	2.9				H	16.01	41.3	1.3				1.1	1.2	4.5	2.7		
	Z	23.49	28.4		1.2				3.6	1.8						Z	16.01	40.4	0.7				7.7					
19	A	00.46	48.5		0.8				0.4	1.0					19	A	16.02	54.7	0.5				1.4	2.8				
	H	00.46	49.8		1.5				0.6	0.4	4.5	2.2				H	16.02		1.0				2.7	4.5	2.4	2.7		
	Z	00.46	48.8		0.9			+	4.0	2.3						Z	16.02	55.0	0.5				1.8	1.2				
19	A	02.52	44.9		1.1				1.0	1.2					19	A	16.13	41.5	0.5				1.6	2.1				
	H	02.52	44.3		0.8				2.8	2.6	4.9	2.5				H	16.13	42.1	0.7				0.4	0.8	2.8	2.0		
	Z	02.52	45.3		1.2				2.0	1.0						Z	16.13	42.3	0.9			-	1.0	0.4				
19	A	03.10	10.9		0.6			+	0.5	2.2					19	A	17.12	39.2	0.6				1.6	2.6				
	H	03.10	10.6		0.6				2.0	2.6	2.7	2.4				H	17.12		0.7			+	3.1	2.8	3.3	1.5		
	Z	03.10	11.4		0.8				2.0	1.4						Z	17.12	39.0	0.9			-	4.0	1.4				
19	A	03.31	56.6		0.7				4.4	10.8					19	A	17.56	56.4	1.2				0.6	2.8				
	H	03.31	56.4		0.7				7.3	8.1	3.3	3.3				H	17.56	55.7	0.8			-	2.0	2.0	5.1	2.7		
	Z	03.31	57.1		0.9				7.5	5.2						Z	17.56	56.6	1.2				0.7	0.6				
19	A	04.32	18.9		0.7				0.2	1.8					19	A	18.47	38.4	0.4				2.9	5.2				
	H	04.32	18.6		0.6																							

Jul. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
20	A	02.31	43.6		0.8				0.8	2.1		
	H	02.31	43.2		0.7			+	2.6	2.8	4.0	2.5
	Z	02.31	44.2		1.1				2.1	1.0		
20	A	02.32	12.1		0.4			-	1.4	2.6		
	H	02.32	12.6		1.0				0.4		2.4	1.8
	Z	02.32	12.6		0.8			-	1.4	1.2		
20	A	03.37	00.0		0.7			+	3.6	12.0		
	H	03.37	00.5		0.8				2.9	5.2	4.0	3.2
	Z	03.37	00.8		0.9				3.7	1.6		
20	A	04.31	21.0		1.2			+	1.8	4.8		
	H	04.31	20.8		0.9			+	5.7	5.8	5.2	3.3
	Z	04.31	21.3		1.2				2.0	0.9		
20	A	05.53	36.6		0.8				1.2	4.1		
	H	05.53	36.0		0.5				3.3	2.5	2.8	2.6
	Z	05.53	37.0		1.1				0.8	2.0		
20	A	11.47	16.5		0.5				6.4	16.2		
	H	11.47	16.9		0.9			+	2.6	3.1	3.1	3.1
	Z	11.47	17.1		0.8			-	5.6	2.7		
20	A	11.50	12.8		0.5				3.1	7.6		
	H	11.50	13.4		1.0				0.3	0.2	3.5	2.2
	Z	11.50	13.5		0.8			-	0.9	0.8		
20	A	13.15	50.8		0.8				2.6	9.0		
	H	13.15	51.7		1.2			-	1.6	2.4	4.3	3.1
	Z	13.15	50.9		0.7				8.6	5.4		
20	A	14.45	02.8		0.6			-	5.8	17.4		
	H	14.45	03.1		0.8				3.2	4.8	3.7	3.3
	Z	14.45	03.6		0.9				3.4	2.0		
20	A	15.17	45.0		0.6				1.2	1.8		
	H	15.17	45.8		1.3				1.0	0.8	3.7	2.3
	Z	15.17	45.3		0.8					2.4		
20	A	16.30	19.3		1.0			+	1.6	9.2		
	H	16.30	19.1		0.5			-	1.7	1.9	3.0	2.8
	Z	16.30	20.0		1.1					1.4		
20	A	17.10	28.2		0.6			-	0.8	4.3		
	H	17.10	28.5		0.8			+	0.8	2.0	2.1	2.6
	Z	17.10	28.9		1.2					0.2		
20	A	17.10	41.6		0.5			+	0.7	2.5		
	H	17.10	42.1		0.8				0.6	0.7	2.9	2.0
	Z	17.10	42.4		0.9					0.2		
20	A	18.11	03.9		0.5			+	6.2	14.1		
	H	18.11	04.6		1.0			+	3.4	5.1	3.1	3.2
	Z	18.11	04.7		0.9					4.4		
20	A	19.21	34.3		0.7			-	1.9	14.3		
	H	19.21	34.1		0.6				5.5	4.0	3.1	3.2
	Z	19.21	34.7		1.0			-		5.7		
20	A	19.24	05.5		0.6				0.8	4.0		
	H	19.24	05.5		0.5				1.3	1.4	1.9	2.2
	Z	19.24	06.0		1.0					1.9		
20	A	21.31	32.8		0.8				0.7	3.8		
	H	21.31	32.6		0.7				1.6	2.0	3.8	2.6
	Z	21.31	33.0		0.9					1.4		
20	A	21.34	46.1		0.8				3.2	17.8		
	H	21.34	45.8		0.8				8.2	8.0	4.4	3.5
	Z	21.34	46.5		1.0			-		3.8		
20	A	22.01	27.1		0.8			+	0.8	4.5		
	H	22.01	26.9		0.8				3.8	3.8	3.9	2.9
	Z	22.01	27.4		0.9			-		2.0		
20	A	22.09	24.2		1.1			-	1.8	5.3		
	H	22.09	24.2		1.3				3.1	4.0	7.0	3.3
	Z	22.09	25.3		1.5			-		1.9		
20	A	22.52	17.5		1.0			+	1.0	4.0		
	H	22.52	17.1		0.8				6.2	5.0	3.9	3.1
	Z	22.52	17.7		1.0					1.2		
20	A	23.29	53.7		1.0				2.0	2.4		
	H	23.29	53.5		1.0			+	2.8	2.6	5.7	2.8
	Z	23.29	53.7		1.0					4.0		
21	A	00.48	53.9		0.7			-	1.9	5.9		
	H	00.48	53.7		0.6			+	6.0	6.0	2.8	2.9
	Z	00.48			0.9					1.0		
21	A	01.21	55.9		0.7				3.4	12.7		
	H	01.21	56.6		1.1				3.6	3.6	4.7	3.2
	Z	01.21	56.7		1.1					1.6		
21	A	02.13	38.6		1.1				1.0	2.3		
	H	02.13	38.1		1.9			-	2.6	3.8	2.9	
	Z	02.13	38.4							3.1		
21	A	02.17			0.7							
	H	02.17	46.3		1.0			-				
	Z	02.17	46.8		1.2							
21	A	04.17	41.2		0.8			-				
	H	04.17	41.9		1.3				1.4	1.6	3.9	2.6
	Z	04.17	41.2		0.6					3.4		
21	A	04.44	19.3		0.8			-	1.4	2.1		
	H	04.44	19.5		0.7				4.6	3.5	3.8	2.6
	Z	04.44	20.4		1.0					1.1		
21	A	05.45	20.2		1.1			-		35.6		
	H	05.45	21.3		1.5				8.2	10.8	3.9	4.2
	Z	05.45	20.2		0.6			+		11.0		
21	A	06.07	27.1		0.9				0.8	3.8		
	H	06.07	26.6		0.6			-	5.0	3.6	2.4	2.8
	Z	06.07	27.5		0.9					1.8		
21	A	08.17	36.7		0.9				3.2	5.2		
	H	08.17	36.4		0.8			+	8.8	7.1	4.9	3.2
	Z	08.17	36.7		1.1					1.8		
21	A	08.32	40.5		0.9				0.8	2.2		
	H	08.32	40.2		0.7				4.2	3.6	3.3	2.7
	Z	08.32	40.4		0.9			-		4.2		
21	A	08.36	14.0		0.9				0.6	1.7		
	H	08.36	14.0		0.7			-	1.3	1.5		2.3
	Z	08.36	14.8							1.4		
21	A	09.49	51.3		0.9				1.3	3.6		
	H	09.49	52.1		1.4				1.9	2.0	5.1	2.9
	Z	09.49	51.1		0.8			+		5.6		
21	A	11.31	18.0		1.5				0.9	1.4		
	H	11.31	17.7		1.0			+	3.0	3.1	3.8	2.8
	Z	11.31	18.4		1.3				1.8	1.0		
21	A	11.57	01.3		1.1				0.8	1.6		
	H	11.57	00.5					-	2.8	2.6		2.7
	Z	11.57	01.4		0.7				3.2	1.5		
21	A	14.00	26.4		0.7				0.5	1.8		
	H	14.00	26.5		0.7			-	2.0	2.0	3.1	2.3
	Z	14.00	27.1		0.8			-	4.4	1.8		
21	A	15.09	55.9		0.8			+	0.8	2.4		
	H	15.09	55.7		0.7				2.8	5.1	4.2	2.8
	Z	15.09	56.7		1.1					0.8		
21	A	15.15	33.1		0.4					11.6		
	H	15.15	34.2		1.0			-	0.4	0.6	2.3	2.5
	Z	15.15	34.2		0.7			+		1.6		
21	A	15.30	45.1		1.0					3.2		
	H	15.30	44.9		0.8			-	3.4	6.7	4.3	3.0
	Z	15.30	45.4		1.0					2.3		
21	A	16.07	27.9		0.9					8.0		
	H	16.07	27.3		0.5			+	5.0	5.0	3.3	3.0
	Z	16.07	28.5		1.1			-		2.4		
21	A	16.32	52.2		1.0					1.5		
	H	16.32	51.6		0.8			+	2.5	3.3		2.6
	Z	16.32	53.0							1.0		
21	A	17.46	05.0		0.8					1.2		
	H	17.46	04.7		0.7				1.1	1.0	3.4	2.0
	Z	17.46	05.3		0.9					2.0		
21	A	18.33	22.7		0.9					1.2		
	H	18.33	22.5		0.9				1.6	1.8	3.5	2.4
	Z	18.33			0.7					2.4		
21	A	18.51	05.1		0.8			-		3.8		
	H	18.51	04.6		0.6				5.1	4.6	2.9	2.8
	Z	18.51	05.5		0.9			-		2.6		
21	A	19.11	36.0		0.7					3.0		
	H	19.11	36.4		0.5				0.8		2.2	2.0
	Z	19.11	36.7		1.0					0.6		
21	A	19.22	42.7		0.8					0.8		
	H	19.22	42.1		0.7			-	0.8	1.6	3.3	2.1
	Z	19.22			0.8					1.2		
21	A	19.27	01.1		1.1			+		4.0		
	H	19.27	00.8		1.0				5.0	6.9	5.7	3.3
	Z	19.27	01.4		1.0					4.		

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

97

Jul. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
Date	Station	h	m	s	S-P (sec)	E	N	U	E-W	N-S	Depth (km)	Magnitude
21	A	22.29	23.8		0.4			-		1.4		
	H	22.29	24.6		1.0				1.9	3.6	2.8	2.3
	Z	22.29	24.3		0.6					5.2		
22	A	01.33	43.0		0.9					2.1		
	H	01.33	42.8		1.0				0.8	1.6	5.1	2.5
	Z	01.33	43.4		1.3					0.7		
22	A	01.39	07.8		1.0			-	1.8	1.8	5.7	2.7
	H	01.39	07.4		1.0				1.8	1.8		
	Z	01.39	07.7		1.0					2.6		
22	A	04.18	57.3		0.9			-		3.0		
	H	04.18	58.0		1.5				1.4	2.5	3.7	2.9
	Z	04.18	57.1		0.6					2.2		
22	A	05.36	25.2		1.4				1.2	3.3		
	H	05.36	24.3		0.9				2.4	2.8	4.1	3.0
	Z	05.36	25.6		1.6					0.8		
22	A	06.04	42.5		0.5				11.1	7.6		
	H	06.04	43.4		1.0				1.0	1.2	3.5	2.8
	Z	06.04	43.1		0.8					2.6		
22	A	06.22	26.2		1.4				1.6	3.8		
	H	06.22	25.5		0.9			+	4.2	2.6	5.5	3.1
	Z	06.22	26.3		1.4					0.6		
22	A	08.28	16.3		0.8				1.0	6.2		
	H	08.28	15.3		0.5				4.4	3.4	3.1	2.9
	Z	08.28	16.4		1.0					1.0		
22	A	08.53	13.8		0.6				3.4	6.4		
	H	08.53	14.1		1.1			+	2.9	4.8	3.9	3.1
	Z	08.53	13.7		0.7					9.5		
22	A	09.14	24.8		0.7				1.0	4.6		
	H	09.14	24.6		0.7				3.4	4.9	3.3	2.9
	Z	09.14	25.1		0.9					1.9		
22	A	09.22	14.7		1.1				0.7	1.4		
	H	09.22			0.7				1.2	1.2	4.1	2.3
	Z	09.22	14.9		1.1					3.0		
22	A	12.21	32.5		1.0			-	2.7	4.8		
	H	12.21	32.0		1.0				7.6	8.2	5.7	3.3
	Z	12.21	32.2		1.0			-	10.5	3.6		
22	A	12.34	11.5		0.9				1.9	4.1		
	H	12.34	11.2		1.0				2.2	2.7	5.2	2.9
	Z	12.34	11.2		0.9				6.6	6.9		
22	A	14.16	40.4		1.5				6.6	14.8		
	H	14.16	40.3		2.0			+	7.7	11.9	7.5	4.2
	Z	14.16	40.2		1.2							
22	A	14.45	12.2		1.3				1.2	1.7		
	H	14.45	12.5		1.9			+	1.8	1.8	8.3	2.9
	Z	14.45	11.8		1.4				3.2	3.0		
22	A	15.41	53.7		0.6				7.1	28.2		
	H	15.41	53.6		1.0			+	2.3	5.0	4.1	3.5
	Z	15.41	54.2		1.0			-	6.8	2.0		
22	A	15.45	26.8		0.8				0.5	2.5		
	H	15.45	27.0		1.3			-	1.0	0.8	4.5	2.5
	Z	15.45	26.3		0.7				2.0	2.2		
22	A	16.23	27.5		0.6				0.6	2.2		
	H	16.23			0.5				2.2	2.3	2.0	2.2
	Z	16.23	28.1		0.9					0.4		
22	A	16.51	05.1		1.0			+	1.1	2.4		
	H	16.51	04.5		0.4				5.3	3.6	4.8	2.9
	Z	16.51	05.1		1.0				5.1	3.1		
22	A	17.41	27.0		0.6				1.0	3.0		
	H	17.41	26.5		0.6				1.3	1.6	1.7	2.3
	Z	17.41	27.4		0.7				1.4	0.6		
22	A	18.21	27.9		0.6			-	0.4	2.5		
	H	18.21	27.3		0.6				1.9	2.2	2.8	2.4
	Z	18.21	28.2		0.9				0.7	0.2		
22	A	18.50	32.8		1.0			-	1.4	4.8		
	H	18.50	32.0		0.7				3.4	2.9	4.1	2.9
	Z	18.50	32.7		1.1				4.2	3.0		
22	A	19.40	59.8		0.5			-	2.4	5.2		
	H	19.41	00.7		1.1				1.1	1.0	3.3	2.6
	Z	19.41	00.1		0.7				1.8	1.6		
22	A	20.39	05.2		0.7				0.6	1.6		
	H	20.39	05.4		1.0			-	0.9	1.0	2.7	2.2
	Z	20.39	05.0		0.5					3.4		
22	A	21.06	56.9		1.0				0.6	1.4		
	H	21.06	56.3		1.0				1.8	2.0	5.2	2.5
	Z	21.06	56.7		0.9				3.4	2.9		
22	A	21.29	50.3		0.6			+		14.6		
	H	21.29	50.8		0.8					2.2	3.6	3.0
	Z	21.29	50.8		0.8					3.6		
22	A	21.31	20.5		0.8					1.1		
	H	21.31	19.7		0.6					1.5	2.4	2.0
	Z	21.31	20.5		0.8					0.6		
22	A	21.45	55.1		0.7					2.1		
	H	21.45	54.8		0.7			-		1.9	3.1	2.4
	Z	21.45	55.2		0.8					0.6		
22	A	22.02	10.1		1.0			-		1.6		
	H	22.02	09.6		1.0					3.8	5.7	2.8
	Z	22.02	10.1		1.1					6.0		
22	A	22.11	13.7		0.8					1.4		
	H	22.11	13.3		0.7					2.0	3.3	2.4
	Z	22.11	14.0		0.8					2.4		
23	A	00.32	20.7		0.9			+		2.4		
	H	00.32	20.0		0.6					0.6	3.6	2.1
	Z	00.32	21.0		1.0					0.4		
23	A	01.22	45.4		0.8					3.3		
	H	01.22	44.8		0.6					1.1	3.3	2.6
	Z	01.22	45.5		0.9					0.6		
23	A	01.30	39.6		0.9					7.1		
	H	01.30	38.9		0.5					3.8	2.7	2.9
	Z	01.30	39.6		1.0					3.2		
23	A	02.58	17.3		1.0					2.2		
	H	02.58	16.7		0.8			-		16.0	4.9	3.2
	Z	02.58	17.4		1.1					5.4		
23	A	03.51	58.9		0.6					2.0		
	H	03.51	59.8		1.2					1.0	3.8	2.4
	Z	03.51	58.8		0.7					2.0		
23	A	03.53	15.7		1.5					2.0		
	H	03.53	14.7		1.0					3.8	3.1	3.0
	Z	03.53	15.9		1.3					1.0	1.0	
23	A	04.34	02.3		1.0					2.2		
	H	04.34	02.8		1.8					2.2	3.7	3.0
	Z	04.34	01.9		1.3					4.7		
23	A	05.00	33.4		0.9			+		8.6		
	H	05.00	32.7		0.5					2.2	3.3	2.8
	Z	05.00	33.6		1.1					3.9		
23	A	07.06	41.7		1.2					2.0		
	H	07.06	41.7		1.4					1.6	5.4	2.8
	Z	07.06	41.1		0.8					2.6		
23	A	11.15	27.5		0.8					5.4		
	H	11.15	26.8		0.5			+		2.9	3.0	2.7
	Z	11.15	27.6		1.0					1.4		
23	A	12.20	26.1		1.4					14.9		
	H	12.20	25.4		0.9			+		6.2	5.4	3.8
	Z	12.20	26.5		1.4			+		7.4		
23	A	15.10	15.0		1.1					2.3		
	H	15.10	14.8		1.0					5.3	6.1	3.1
	Z	15.10	15.5		1.1					6.0		
23	A	17.50	06.4									

Jul. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
24	A	02.56	16.5		1.0			+	3.8	3.4	5.1	3.1
	H	02.56	16.1		0.9				3.6	6.8		
	Z	02.56	16.8		1.0				2.2	1.3		
24	A	05.04	36.9		1.0			+	12.2	11.6		
	H	05.04	36.2		0.7				11.1	10.2	3.5	3.5
	Z	05.04	37.1		1.0			+	8.4	6.4		
24	A	05.12	03.6		0.6				1.3	3.8		
	H	05.12	03.3		0.6				2.4	2.4	2.8	2.5
	Z	05.12	04.1		0.9			+	1.2	1.5		
24	A	09.53	43.9		1.2			-	0.6	2.1		
	H	09.53	43.4		0.9				1.6	2.3	5.6	2.7
	Z	09.53	43.9		1.2			+	0.5	0.3		
24	A	10.03			0.5				3.0	3.0		
	H	10.03	06.7		0.6				1.0	0.8	2.3	2.1
	Z	10.03	07.2		0.9			-	1.0	0.7		
24	A	10.44	38.8		1.2				13.0	18.2		
	H	10.44	37.9		1.0				13.3	19.6	6.2	4.1
	Z	10.44	38.8		1.2				5.2	4.2		
24	A	10.45	25.6		1.2				1.2	2.0		
	H	10.45	25.2		0.9			+	1.8	4.6	4.8	2.9
	Z	10.45	25.8		1.1				2.4	2.6		
24	A	10.49	15.6		1.2				1.2	2.2		
	H	10.49	15.2		0.8				3.2	3.9	4.8	2.9
	Z	10.49	15.4		1.2				1.4	1.2		
24	A	10.52	13.4		1.1				1.0	2.2		
	H	10.52	12.7		0.9			-	2.6	3.6	5.3	2.9
	Z	10.52	13.1		1.2			+	0.9	0.9		
24	A	12.23	18.3		1.1				2.6	1.8		
	H	12.23	18.0		0.8			-	5.0	5.6	4.4	3.0
	Z	12.23	18.5		1.0				6.2	2.2		
24	A	16.07	45.6		1.2			-	1.3	2.4		
	H	16.07	45.1		0.8				3.8	3.6	4.3	2.8
	Z	16.07	45.9		1.1			+	3.3	2.0		
24	A	17.19	39.3		0.5					24.2		
	H	17.19	39.7		1.0			-	1.8	2.9	3.4	3.3
	Z	17.19	40.1		0.7			+	2.0	3.4		
24	A	18.17	34.0		1.0					4.1		
	H	18.17	33.8		1.0			+	3.6	4.0	5.2	3.1
	Z	18.17	36.9		0.9				15.0	7.9		
24	A	18.41	02.7		1.2				3.6	10.0		
	H	18.41	01.9		0.9				12.5	12.2	5.8	3.7
	Z	18.41	02.7		1.2				14.0			
24	A	20.07	11.1		0.5				2.1	3.6		
	H	20.07	12.0		1.3				0.8	0.6	2.4	2.4
	Z	20.07	11.4		0.7				3.6	1.7		
24	A	23.40	48.1		1.4			-	7.0	3.5		
	H	23.40	46.5		0.9			+	8.4	10.8	6.0	3.6
	Z	23.40	48.0		1.5				2.0	1.6		
25	A	00.06	33.2		1.4				2.6	2.2		
	H	00.06	32.5		0.8				3.1	3.1	4.6	2.9
	Z	00.06	33.6		1.5				1.0	0.8		
25	A	00.33	01.3		1.2				5.9	13.7		
	H	00.33	00.5		0.8				8.2	12.1	4.0	3.7
	Z	00.33	01.7		1.1				9.0	5.9		
25	A	00.34	28.2		1.4				1.4	4.0		
	H	00.34	27.0		0.7				3.6	4.0	2.1	3.1
	Z	00.34	28.4		1.4				0.8	1.0		
25	A	00.36	16.5		1.1				1.2	2.2		
	H	00.36	16.1		0.8				1.2	2.0	5.0	2.6
	Z	00.36	17.1		1.2			-	4.0	2.0		
25	A	00.39	43.8		1.1				6.8	10.6		
	H	00.39	42.7		0.8				6.7	4.6	5.1	3.5
	Z	00.39	44.1		1.2				6.2	6.7		
25	A	00.39	50.7		1.1			+	6.2	15.6		
	H	00.39	49.9		1.0				14.2	11.3	6.1	3.9
	Z	00.39	51.3		1.1				8.2	4.0		
25	A	00.42	46.1		1.1				1.8	5.8		
	H	00.42	45.3		0.6				2.8	3.4	3.9	3.0
	Z	00.42	46.7		1.1				3.0	2.0		
25	A	02.53	22.6		0.8				1.8	4.6		
	H	02.53	22.4		0.6				4.4	3.9	3.5	2.8
	Z	02.53	23.6		1.1				1.3	1.1		
25	A	03.49	28.0		0.7				5.4	7.9		
	H	03.49	28.0		1.0				2.0	3.4	4.4	2.9
	Z	03.49	28.5		1.1				3.5	1.8		
25	A	06.12	34.5		1.0							
	H	06.12	33.8		0.6			+	4.5	8.0		
	Z	06.12	34.8		1.2				2.0	3.5	4.1	3.0
25	A	09.47	38.4		0.8				4.2	2.6		
	H	09.47	37.7		0.5			-	3.1	5.7		
	Z	09.47	38.9		0.9				4.4	3.6	2.6	2.9
25	A	14.10	17.8		1.2			+	1.3	0.4		
	H	14.10	17.2		1.0			+	1.4	2.6		
	Z	14.10	18.2		1.1				4.1	4.2	5.6	3.0
25	A	15.42	10.2		1.0				2.8	1.3		
	H	15.42	09.9		0.9			-	1.3	3.4		
	Z	15.42	10.1		1.1				3.3	5.8	5.5	3.1
25	A	18.12	50.5		1.1				5.6	6.0		
	H	18.12	49.9		0.8			+	4.1	4.2		
	Z	18.12	50.9		1.2				5.4	7.4	5.3	3.2
25	A	19.03	56.0		0.9				6.0	4.9		
	H	19.03	55.2		0.7				3.8	5.6		
	Z	19.03	56.6		1.0			-	3.4	3.4	4.0	2.9
25	A	19.23	59.3		1.3				3.6	2.3		
	H	19.23	59.1		1.5			-	1.2	1.7		
	Z	19.23	58.9		1.0			+	1.8	2.2	6.7	2.9
25	A	20.29	09.4		0.6				3.0	4.0		
	H	20.29	09.8		1.0			-	9.3	15.4		
	Z	20.29	10.2		1.0				1.4	3.1	4.1	3.2
25	A	20.45	03.5		0.6			+	4.6	2.0		
	H	20.45	03.9		1.0			-	21.6	36.0		
	Z	20.45	04.2		1.0				4.4	7.8	4.1	3.7
25	A	21.01	44.9		1.0			+	14.6	4.0		
	H	21.01	45.6		1.8				2.5	2.1		
	Z	21.01	44.5		0.9				2.4	2.1	3.6	3.0
25	A	21.21	13.4		0.5				2.6	5.8		
	H	21.21	14.0		1.0			+	5.4	6.2		
	Z	21.21			0.8				0.6	0.4	3.5	2.4
25	A	21.33	15.4		1.3				1.6	1.4		
	H	21.33	14.7		1.0			+	4.1	3.0		
	Z	21.33	15.7		1.1				3.4	3.3	5.0	3.1
25	A	22.08	15.0		0.6				2.9	1.4		
	H	22.08	15.3		0.9				3.1	4.0		
	Z	22.08	15.6		1.0			+	0.3	0.3	4.0	2.0
25	A	22.16	41.0		0.9				1.9	0.8		
	H	22.16	40.1		1.3			+	18.0	9.8		
	Z	22.16	41.3		1.5			+	9.8	9.4	3.3	3.8
25	A	23.39	27.1		1.4				8.8	4.2		
	H	23.39	26.4		1.0			+	6.8	3.2		
	Z	23.39	27.5		1.5				2.3	3.7	6.8	3.3
26	A	05.43	55.5		1.2				2.2	1.7		
	H	05.43	54.8		0.8			+	1.5	2.3		
	Z	05.43	55.8		1.2				1.0	1.6	4.9	2.6
26	A	06.55	32.5		0.9				4.2	2.0		
	H	06.55	32.0		0.7			-	11.6	12.6		
	Z	06.55	32.5		1.0				10.0	7.1	4.5	3.5
26	A	07.26	22.3		0.8			+	16.4	5.8		
	H	07.26	21.8		0.7				51.6	30.4		
	Z	07.26	22.5		0.9				19.4	14.5	3.9	4.1
26	A	07.32	22.9		0.8				25.6			
	H	07.32	22.4		0.6				9.4	5.6		
	Z	07.32	23.2		0.8			+	2.2	2.9	2.3	2.9
26	A	08.32	09.4		1.0				0.8	1.0		
	H	08.32	07.9		0.8			+	3.2	3.2		
	Z	08.32	09.5		0.7				2.5	2.6	0.9	2.7
26	A	09.28	18.1		0.9			-	11.1	6.0		
	H	09.28	17.6		1.0				11.8	7.7		
	Z	09.28	18.2		1.0				12.3	10.5	5.6	3.6
26	A	15.37	31.4		0.9				35.7	10.6		

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

99

Jul. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
26	A H Z	20.36	06.1	0.8					5.8	4.1		
	A H Z	20.36	06.4	1.1					5.6	5.4	3.5	3.2
	A H Z	20.36	05.8	0.6			-		42.6	9.0		
26	A H Z	22.26	07.0	1.2					1.6	1.8		
	A H Z	22.26	06.5	0.8					2.1	2.1	5.1	2.6
	A H Z	22.26	07.2	1.3					1.6	0.5		
26	A H Z	23.52	14.9	0.8			+		1.6	1.8		
	A H Z	23.52	14.6	0.5					3.0	3.4	3.0	2.5
	A H Z	23.52	15.6	1.0			-		1.0	0.6		
27	A H Z	02.32	20.7	0.9					1.5	4.0		
	A H Z	02.32	21.6	1.2					0.6	0.6	3.4	2.5
	A H Z	02.32	20.5	0.5			+		4.4	3.3		
27	A H Z	02.39	53.2	0.9			-		2.3	3.1		
	A H Z	02.39	53.4	1.0					0.4	1.0	5.5	2.6
	A H Z	02.39	54.1	1.3			-		1.3	1.4		
27	A H Z	03.21	47.1	0.5					1.8	5.8		
	A H Z	03.21	29.5	0.8					0.8	0.7	2.4	2.3
	A H Z	03.21	48.8	1.0					1.2	0.8		
27	A H Z	08.24	29.7	0.9			+		1.8	2.6		
	A H Z	08.24	29.4	0.9					1.2	2.0	5.9	2.7
	A H Z	08.24	30.2	1.3			-		1.6	1.0		
27	A H Z	10.19	47.5	1.1			-		1.2	1.8		
	A H Z	10.19	47.0	0.8					2.1	4.0	3.5	2.8
	A H Z	10.19	47.6	1.0					3.8	1.7		
27	A H Z	10.51	57.7	1.4			+		5.4	9.7		
	A H Z	10.51	56.6	0.8					9.0	5.0	2.8	3.6
	A H Z	10.51	57.6	1.4					2.9	3.2		
27	A H Z	11.51	59.5	1.2					2.6	4.4		
	A H Z	11.51	59.5	1.2					0.7	0.6		2.2
	A H Z	11.51	59.3	1.2			-		1.0	0.8		
27	A H Z	16.20	37.5	0.8			-		3.8	4.9		
	A H Z	16.20	36.9	0.6					2.7	2.4	3.6	2.7
	A H Z	16.20	37.9	1.0			-		2.1	1.7		
27	A H Z	16.56	20.7	0.8			-		3.7	2.4		
	A H Z	16.56	20.4	0.7					7.8	7.2	3.3	3.0
	A H Z	16.56	20.6	0.8			-		5.3	1.9		
27	A H Z	17.59	59.0	1.2			+		3.8	3.2	8.0	3.1
	A H Z	17.59	59.2	1.7					0.8	2.5		
	A H Z	17.59	58.7	1.2					5.6	3.8		
27	A H Z	18.23	39.8	1.0			-		3.9	2.1		
	A H Z	18.23	39.4	1.0					4.7	4.5	5.2	3.1
	A H Z	18.23	39.7	0.9			-		8.0	5.6		
27	A H Z	19.57	53.8	1.4			+		7.6	8.4		
	A H Z	19.57	52.7	0.9					12.2	9.2	5.7	3.7
	A H Z	19.57	53.8	1.5			-		7.0	8.0		
27	A H Z	23.05	08.3	0.7					10.9	20.1		
	A H Z	23.05	08.0	0.7			-		16.0	15.8	3.5	3.7
	A H Z	23.05	08.8	1.1			-		2.3	1.8		
27	A H Z	23.08	01.0	0.6					3.6	1.5		
	A H Z	23.08	01.0	0.8					1.6	3.4	3.1	2.7
	A H Z	23.08	01.0	0.7					6.7	3.6		
27	A H Z	23.08	15.9	0.8					5.0	7.3		
	A H Z	23.08	15.4	0.7					7.6	5.9	4.0	3.2
	A H Z	23.08	16.4	1.0					2.0	2.2		
28	A H Z	00.04	03.0	1.2					11.2	10.0		
	A H Z	00.04	01.8	0.7					18.0	11.2	4.9	3.7
	A H Z	00.04	03.0	1.4			-		3.3	3.0		
28	A H Z	01.02	32.8	1.2					13.8	32.8		
	A H Z	01.02	34.4	1.1					0.7	0.6	4.2	3.2
	A H Z	01.02	33.6	0.9					6.8	3.2		
28	A H Z	01.06	33.8	0.4					6.4	18.4		
	A H Z	01.06	34.5	1.0					0.7	0.3	2.8	2.7
	A H Z	01.06	34.3	0.7					3.6	1.9		
28	A H Z	03.12	28.0	0.8			-		1.6	1.6		
	A H Z	03.12	28.4	1.2					0.6	0.8	4.1	2.3
	A H Z	03.12	27.3	0.6					24.4			
28	A H Z	03.16	39.1	0.8					3.2	7.4		
	A H Z	03.16	38.3	0.6					5.0	5.9	3.6	3.1
	A H Z	03.16	39.2	1.0			-		1.0	1.0		
28	A H Z	03.30	35.8	0.7					3.1	3.6		
	A H Z	03.30	35.6	0.7			-		2.6	4.6	3.3	2.8
	A H Z	03.30	35.9	0.8					3.2	1.9		
28	A H Z	04.05	19.2	0.4					3.8	7.6		
	A H Z	04.05	20.3	1.0					0.6	0.3	2.7	2.4
	A H Z	04.05	19.9	0.9			+		3.9	2.4		
28	A H Z	04.30	42.9	0.9			+					
	A H Z	04.30	42.6	0.6			-					
	A H Z	04.30	43.1	0.8			-					
28	A H Z	05.08	42.0	1.2			+					
	A H Z	05.08	41.1	1.1			+					
	A H Z	05.08	42.1	1.5			+					
28	A H Z	06.33	09.6	1.0			-					
	A H Z	06.33	09.5	1.0			-					
	A H Z	06.33	09.6	0.9			-					
28	A H Z	07.29	00.6	1.3								
	A H Z	07.28	59.3	1.2								
	A H Z	07.29	01.1	1.3								
28	A H Z	07.43	30.9	0.6			+					
	A H Z	07.43	31.5	1.1			+					
	A H Z	07.43	30.8	0.6			-					
28	A H Z	08.01	48.0	0.8			-					
	A H Z	08.01	47.6	1.0			-					
	A H Z	08.01	46.6	0.8			-					
28	A H Z	08.46	37.0	0.4								
	A H Z	08.46	37.6	0.7			-					
	A H Z	08.46	36.6	0.9			-					
28	A H Z	14.33	32.7	0.9			-					
	A H Z	14.33	32.4	0.8			-					
	A H Z	14.33	33.0	1.0			-					
28	A H Z	14.40	16.4	0.9			+					
	A H Z	14.40	16.0	0.7			+					
	A H Z	14.40	17.2	1.0			+					
28	A H Z	15.01	10.8	1.0			-					
	A H Z	15.01	10.6	0.6			-					
	A H Z	15.01	11.1	1.0			-					
28	A H Z	15.06	55.2	1.5			+					
	A H Z	15.06	54.9	1.0			+					
	A H Z	15.06	55.1	1.3			-					
28	A H Z	15.12	27.1	0.8			-					
	A H Z	15.12	26.6	0.6			-					
	A H Z	15.12	27.5	1.0			-					
28	A H Z	16.50	36.7	0.8			-					
	A H Z	16.50	36.6	0.7			-					
	A H Z	16.50	37.3	1.0			-					
28	A H Z	17.15	23.7	1.0			-					
	A H Z	17.15	23.6	1.0			-					
	A H Z	17.15	23.6	0.9			-					
28	A H Z	18.33	19.5	0.5			-					
	A H Z	18.33	20.3	1.3			-					
	A H Z	18.33	20.0	0.8			-					
29	A H Z	01.07	46.5	1.0			-					
	A H Z	01.07	46.2	1.0			-					
	A H Z	01.07	46.7	1.0			-					
29	A H Z	02.11	27.6	0.8								
	A H Z	02.11	2									

Jul. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
29	A	11.00	05.7		0.9			+	1.7	3.8		
	H	11.00	05.2		0.6			-	1.4	1.4		
	Z	11.00	06.0		1.1			-	1.7	1.2	3.5	2.5
29	A	12.35	43.5		1.0				1.3	1.9		
	H	12.35	43.2		0.6				2.3	3.2	1.7	2.6
	Z	12.35	43.7		0.9				3.4	1.2		
29	A	13.51	46.7		0.8			-	3.0	8.3		
	H	13.51	46.5		0.6			+	3.7	4.6	3.5	3.0
	Z	13.51	47.2		1.0			-	1.1	0.7		
29	A	13.51	55.7		0.8			-	2.2	7.0		
	H	13.51	55.3		0.7			+	2.7	2.2	3.9	2.9
	Z	13.51	56.0		1.0			-	1.2	0.8		
29	A	13.57	40.8		0.9				3.0	2.4		
	H	13.57	40.8		0.7			+	4.1	3.4	3.4	2.9
	Z	13.57	41.5		0.9				5.8	4.1		
29	A	14.58	06.3		0.9				2.4	5.4		
	H	14.58	05.9		0.6			+	2.7	2.4	3.7	2.8
	Z	14.58	06.6		1.0			-	2.2	2.4		
29	A	16.30	44.0		0.9			+	2.0	3.4		
	H	16.30	43.0		1.2				2.0	1.3	6.2	2.8
	Z	16.30	44.8		1.1				1.6	0.9		
29	A	16.58	19.7		1.2				3.4	3.1		
	H	16.58	19.4						4.7	4.5		
	Z	16.58	19.8		0.9				3.2	2.5	3.0	
29	A	17.10	08.7		1.3				9.0	5.1		
	H	17.10	08.3		1.0			+	12.2	8.9	1.6	3.7
	Z	17.10	08.8		1.0			+	5.3	6.8		
29	A	17.55	38.8		0.6			+	1.8	2.3		
	H	17.55	38.8		0.7			+	2.2	3.1	3.2	2.5
	Z	17.55	39.0		0.8				2.6	1.2		
29	A	18.56	55.3		1.0				3.2	2.9		
	H	18.56	55.1		1.1			-	2.2	2.7	5.8	2.9
	Z	18.56	55.9		1.5			-	2.3	0.9		
29	A	22.03	55.4		0.7				2.8	3.4		
	H	22.03	55.4		0.8				1.7	2.0	2.5	2.6
	Z	22.03	55.9		1.2				1.4	1.1		
30	A	00.58	36.8		0.9			-	2.4	4.2		
	H	00.58	36.3		0.4				1.4	1.9	2.9	2.5
	Z	00.58	37.4		1.1				1.5	1.5		
30	A	01.31	12.7		0.8				2.6	2.9		
	H	01.31	13.3		1.4				1.8	2.8	4.4	2.9
	Z	01.31	12.6		0.8			+	2.7	2.7		
30	A	01.35	37.6		1.3				1.8	2.8		
	H	01.35	38.6		1.2				2.1	2.2	6.9	2.9
	Z	01.35	37.4		1.2			+	3.9	2.4		
30	A	01.46	09.4		0.9			-	2.6	3.2		
	H	01.46	09.6		1.2			+	2.6	2.6	4.7	2.9
	Z	01.46	08.9		0.7				7.4	11.3		
20	A	04.08	58.0		1.1				3.8	2.4		
	H	04.08	57.7		0.8				4.9	3.1	4.7	3.0
	Z	04.08	58.6		1.1				3.0	1.1		
30	A	06.32	41.5		0.8			+	2.3	4.5		
	H	06.32	42.1		1.1			+	1.4	1.7	3.9	2.8
	Z	06.32	41.0		0.6			+	10.7	2.5		
20	A	07.08	12.6		1.1				2.3	3.6		
	H	07.08	12.3		1.0			+	2.7	4.1	5.9	3.1
	Z	07.08	12.6		1.1			+		6.2		
30	A	08.08	02.2		1.0				24.2	14.4		
	H	08.08	01.7		1.0			+	17.1	18.2	6.0	4.1
	Z	08.08	02.2		1.1			+	73.7	21.7		
30	A	08.34	42.2		0.8				3.4	5.2		
	H	08.34	42.7		1.3			+	1.4	1.8	5.5	2.9
	Z	08.34	41.0		1.0			+	9.6	5.0		
20	A	08.51	40.0		1.0			-	0.9	2.5		
	H	08.51	39.7		0.9				3.2	5.5	5.4	3.0
	Z	08.51	39.4		1.0			-	2.1	1.4		
30	A	08.52	45.0		0.7				2.1	5.6		
	H	08.52	44.9		0.6				5.2	5.7	2.7	2.9
	Z	08.52	44.4		0.9				0.9	1.4		
30	A	09.18	11.4		0.9				4.3	10.9		
	H	09.18	12.2		1.3			+	7.1	5.8	5.2	3.6
	Z	09.18	11.1		0.8			+	34.0	5.3		
30	A	09.20	25.5		0.8			+	2.8	6.4		
	H	09.20	26.3		1.3				2.2	2.6	4.5	3.1
	Z	09.20	25.0		0.7			+	12.6	9.6		
30	A	10.22	35.7		0.7			+	2.6	3.0		
	H	10.22	36.8		1.3			-	1.6	2.3	4.1	2.8
	Z	10.22	36.0		0.7			-	2.6	2.5		
30	A	13.12	46.3		0.9				4.6	3.2		
	H	13.12	46.8		1.4			-	0.6	0.8	4.4	3.0
	Z	13.12	46.1		0.7					8.3		
30	A	14.25	50.9		0.6			-	5.4	7.1		
	H	14.25	52.0		1.3			-	3.3	2.4	3.1	3.0
	Z	14.25	51.3		0.9			+	4.6	2.8		
30	A	16.26	01.7		0.9				1.2	2.7		
	H	16.26	02.3		1.2			+	1.4	1.7	4.2	2.7
	Z	16.26	01.4		0.6				12.4	10.6		
30	A	17.12	17.3		0.9				4.2	7.9		
	H	17.12	17.1		0.4				1.9	2.9	2.7	2.7
	Z	17.12	17.9		1.1			-	3.4	2.2		
30	A	19.14	39.7		0.7				7.2	7.1		
	H	19.14	39.9		0.9				7.1	7.0	4.4	3.2
	Z	19.14	40.4		1.0				3.6	2.2		
30	A	20.15	16.7		1.2				1.6	1.9		
	H	20.15	17.1		1.1				1.8	4.0	6.1	2.9
	Z	20.15	16.5		1.1			+	12.6	4.1		
30	A	20.21	56.4		0.5			-	2.4	2.9		
	H	20.21	57.1		1.2			+	1.0	1.4	2.4	2.5
	Z	20.21	56.6		0.5				4.0	2.4		
30	A	21.12	52.7		0.8				4.2	5.9		
	H	21.12	52.4		0.4			-	3.8	2.6	1.9	2.7
	Z	21.12	52.4		0.9				0.8	0.6		
30	A	23.07	36.0		1.3				1.8	2.4		
	H	23.07	35.6		1.0			-	2.3	3.2	6.3	3.0
	Z	23.07	36.5		1.3				2.4	1.0		
31	A	01.15	30.4		0.5				3.6	4.1		
	H	01.15	30.8						1.6	1.8		2.8
	Z	01.15	31.1		0.7				5.6	4.8		
31	A	02.07	53.0		1.0				8.6	7.6		
	H	02.07			0.7			-	7.3	6.6	4.8	3.3
	Z	02.07	53.7		1.2			+	4.9	4.0		
31	A	02.08	18.2		1.0				2.6	4.5		
	H	02.08	18.0		0.6			-	2.1	2.0	3.5	2.7
	Z	02.08	18.8		1.1			+	1.6	0.8		
31	A	02.08	37.2		1.0				15.2	12.5		
	H	02.08	36.8		0.8			+	8.3	5.8	5.4	3.6
	Z	02.08	37.6		1.2			-	6.1	4.6		
31	A	02.09	47.4		0.9				1.6	3.2		
	H	02.09	47.2		0.6				1.2	1.0	1.9	2.3
	Z	02.09	48.3		0.9				2.1	0.7		
31	A	03.20	35.8		0.5				13.6	14.1		
	H	03.20	36.5		1.0			+	0.8	1.4	3.5	2.9
	Z	03.20	36.6		0.8			-	1.5	1.1		
31	A	03.47	33.2		0.8				3.6	4.2		
	H	03.47	34.2		1.3			-	2.6	2.9	4.1	3.0
	Z	03.47	33.2		0.6				18.0	6.7		
31	A	03.55	04.7		0.4				17.0	13.7		
	H	03.55	05.4		1.0			+	1.8	1.6	2.8	2.9
	Z	03.55	05.4		0.7			-	4.0	2.8		
31	A	04.11	23.7		0.4				11.6	6.6		
	H	04.11	24.6		0.8				2.4	3.3	1.5	2.9
	Z	04.11	24.3		0.5			-	3.4	3.4		
31	A	05.35	49.8		0.8				1.5	2.6		
	H	05.35	50.6		1.2				0.9	1.2	3.8	2.6
	Z	05.35	49.6		0.6				5.2	5.4		
31	A	08.07	38.3		0.8				2.6	3.7		
	H	08.07	38.3		0.7				2.1	2.8	3.3	2.7
	Z	08.07	39.2		0.8			-	2.0	0.7		
31	A	08.08	30.4		0.8				3.0	4.9	</	

**Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966**

101

Jul. 1966 - Aug. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
31	A	12.46	20.5		0.4				8.0	5.6	2.1	2.3
	H	12.46	21.6		1.2			0.4	0.4			
	Z	12.46	21.1		0.7			2.4	2.5			
31	A	15.16	57.9		1.0				1.2	1.4	4.8	2.5
	H	15.16	58.1		0.9			2.2	2.0			
	Z	15.16	58.1		0.9			13.7	3.3			
31	A	16.53	54.1		0.9				1.1	1.2	4.1	2.3
	H	16.53	54.0		0.8		+	1.6	1.4			
	Z	16.53	54.4		0.9			4.5	2.6			
31	A	18.57	06.4		0.3				2.9	3.5	2.0	1.7
	H	18.57	07.3		1.0			0.2	0.2			
	Z	18.57	07.1		0.7			2.4	0.9			
31	A	19.45	12.0		1.0				1.9	4.5	4.8	2.8
	H	19.45	12.0		0.7		+	1.6	2.7			
	Z	19.45			1.2			1.8	1.4			
1966 August												
01	A	00.26	50.2		1.0			-	4.4	10.2	4.7	3.0
	H	00.26	50.1		0.7			1.4	2.0			
	Z	00.26			1.2			3.0	2.5			
01	A	00.36	55.7		1.0			-	3.2	6.4	3.4	2.6
	H	00.36	55.8		0.6			0.8	1.0			
	Z	00.36			1.0			2.7	1.4			
01	A	01.48	12.3		1.1			-	1.2	2.1	4.1	2.9
	H	01.48	12.6		1.0			4.2	2.6			
	Z	01.48	12.9		0.8		+	5.2	3.6			
01	A	04.58	22.8		0.8				19.8	10.2	4.8	3.6
	H	04.58	22.8		1.0			7.0	7.6			
	Z	04.58	23.7		0.8			2.5	1.6			
01	A	05.32	05.8		1.1			-	3.1	3.0	5.8	3.1
	H	05.32	05.2		0.9			4.4	5.7			
	Z	05.32	06.2		1.2			4.0	2.3			
01	A	06.41	32.2		0.9			+	13.2	5.5	4.2	3.6
	H	06.41	31.9		0.9			7.4	9.6			
	Z	06.41	32.3		0.8			23.2	5.6			
01	A	06.56	30.1		0.8			-	2.5	4.2	4.1	3.1
	H	06.56	29.9		0.7			9.4	10.0			
	Z	06.56	30.8		1.1			4.3	3.0			
01	A	07.57	10.9		1.1				8.7	6.6	6.0	3.7
	H	07.57	10.2		0.9			12.1	18.2			
	Z	07.57	11.1		1.3			12.0	6.0			
01	A	08.36	56.7		0.9			+	7.7	4.3	1.8	3.1
	H	08.36	56.1		0.5			3.6	6.0			
	Z	08.36	56.9		0.9			3.0	4.6			
01	A	09.44	00.1		0.8				7.3	5.2	2.3	2.8
	H	09.44	00.2		0.5			3.6	4.0			
	Z	09.44	00.4		0.9			1.6	1.0			
01	A	09.44	34.5		1.0			-	61.6	26.8	1.7	4.3
	H	09.44	34.1		0.6			31.2	26.4			
	Z	09.44	34.8		0.9			8.1	4.7			
01	A	09.44	44.9		0.4			+	10.8	7.0	0.9	3.1
	H	09.44	43.8		0.7			7.4	7.8			
	Z	09.44	44.4		0.5			1.8	1.0			
01	A	10.01	30.4		0.8			-	4.0	5.1	2.5	2.8
	H	10.01	30.2		0.6			3.0	2.7			
	Z	10.01	30.6		0.8		+	2.9	3.8			
01	A	10.03	59.1		0.8				3.7	3.0	3.1	2.7
	H	10.03	59.2		0.5			3.5	4.6			
	Z	10.03	59.3		1.0			1.2	0.6			
01	A	10.10	43.0		0.8				2.5	2.3	2.2	2.4
	H	10.10	42.4		0.5			1.9	1.8			
	Z	10.10	42.6		0.9			2.0	2.0			
01	A	10.17	15.0		1.1			-	3.0	2.4	6.0	2.7
	H	10.17	14.6		0.9			1.4	1.4			
	Z	10.17	15.2		1.3		+	3.2	2.2			
01	A	10.29	45.8		0.8				3.1	2.2	1.9	2.6
	H	10.29	45.3		0.5			3.4	2.9			
	Z	10.29	45.9		0.8			3.0	0.8			
01	A	11.01	35.3		0.9			-	1.4	3.3	4.0	2.7
	H	11.01	35.1		0.6			3.0	3.3			
	Z	11.01	35.9		1.1			1.2	0.9			
01	A	12.04			1.5				1.2	1.6	6.4	3.1
	H	12.04	02.7		1.0			-	4.7	6.2		
	Z	12.04			1.7			-	0.8	0.7		
01	A	12.04			0.7				11.1	10.9	3.4	3.3
	H	12.04	36.4		0.7		+	9.6	8.6			
	Z	12.04	37.1		1.0		-	7.6	3.7			
01	A	12.37	02.1		1.2				1.6	2.1	6.2	2.6
	H	12.37	01.5		0.9			1.6	1.4			
	Z	12.37	02.2		1.4			2.5	1.7			
01	A	12.55	48.3		0.6				4.3	4.3	3.1	2.4
	H	12.55			0.7			1.2	0.9			
	Z	12.55	48.2		1.0		-	1.8	0.8			
01	A	14.48	45.8		0.9				3.9	4.2	5.2	3.0
	H	14.48	45.9		1.2		+	3.2	3.0			
	Z	14.48	46.5		1.4		-	1.4	0.5			
01	A	15.30	34.4		1.0			+	9.2	5.6	6.1	3.6
	H	15.30	34.2		1.1			-	9.4	9.7		
	Z	15.30	34.5		1.0			-	19.2	19.7		
01	A	15.30	54.1		1.0			-	12.6	16.2	5.7	3.9
	H	15.30	54.3		1.0				13.8	10.4		
	Z	15.30	54.1		1.0				14.0	13.7		
01	A	16.59	01.2		0.9			-	2.0	3.8	2.9	2.2
	H	16.59	00.4		0.5			0.8	0.4			
	Z	16.59	01.5		1.0			0.5	0.3			
01	A	17.13	53.9		1.1				7.9	10.6	2.8	3.6
	H	17.13	53.0		0.7		+	6.0	11.2			
	Z	17.13	53.9		1.0		-	9.1	5.2			
01	A	18.24	51.9		1.0				10.0	6.1	4.8	3.3
	H	18.24	51.7		0.9		-	5.2	5.2			
	Z	18.24	51.8		0.9			25.7	4.0			
01	A	18.32	31.7		1.4			+	6.5	2.4	8.1	3.3
	H	18.32			1.2			2.4	3.1			
	Z	18.32	31.6		1.4			2.0	1.1			
01	A	20.13	15.0		0.7				1.1	3.4	3.0	2.7
	H	20.13	15.0		0.6			2.8	3.7			
	Z	20.13	15.6		1.0			1.2	1.1			
01	A	20.24	22.7		1.0				8.8	6.6	4.6	3.4
	H	20.24	22.6		0.8			8.0	6.4			
	Z	20.24	22.8		1.0		-	20.5	4.0			
01	A	20.24	40.8		0.9				1.3	1.8	3.1	2.4
	H	20.24	40.5		0.7			1.0	1.7			
	Z	20.24	41.0		0.8			2.5	0.6			
01	A	20.31	21.0		0.8			-	1.3	2.0	4.1	2.4
	H	20.31	20.7		0.8			1.2	1.6			
	Z	20.31	21.2		0.9			2.5	1.0			
01	A	21.03	41.0		0.6			+	5.3	6.6	3.6	2.4
	H	21.03	41.4		0.8			0.6	0.8			
	Z	21.03	41.6		1.0			1.3	0.6			
01	A	21.57	21.4		0.7				2.8	3.2	4.2	2.4
	H	21.57	22.1		1.1			0.8	0.6			
	Z	21.57	21.8		0.8			1.9	1.8			
01	A	22.37	06.0		1.1			-	1.6	2.0	6.2	2.9
	H	22.37	06.0		1.4			2.5	2.4			
	Z	22.37	05.5		0.9			8.9	6.1			
01	A	23.24	24.1		0.8			-	1.6	4.2	4.0	2.6
	H	23.24	25.0		1.3			0.8	1.0			
	Z	23.24	24.3		0.6			1.6	1.5			
01	A	23.57	15.5		0.5				2.7	4.4	2.6	2.1
	H	23.57	15.9		0.8			0.6	0.3			
	Z	23.57	16.2		0.9			0.5	0.3			
02	A	00.35	16.3		0.7			-	4.6	6.0	3.0	2.8
	H	00.35	15.9		0.6			3.4	3.7			
	Z	00.35	16.5		0.9			1.8	1.0			
02	A	00.39	57.5		0.7				8.2	10.7	4.4	2.8
	H	00.39	57.8		1.0		+	0.4	1.0			
	Z	00.39	58.0		1.0		-	2.5	1.2			
02	A	01.19	52.0		1.4				5.4	3.6	6.4	3.4
	H	01.19	51.2		1.0		+	4.2	6.6			
	Z	01.19	52.1		1.4			1.7	1.3			
02	A	01.23	21.3		0.9				2.1	2.2	4.3	2.7
	H	01.23	21.0		0.9			2.8	3.5			
	Z	01.23	21.6		0.9			6.6	2.6			
02	A	01.27	10.2		0.6				5.4	5.8	3.9	2.5
	H	01.27	10.5		0.9			0.5	0.9			
	Z	01.27	10.7		1.0			2.4	1.2			

Aug. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
02	A	02.13	03.4		0.4				13.6	8.5		
	H	02.13	04.0		0.8			+	0.4	0.9	2.5	2.6
	Z	02.13	04.1		0.8				1.6	1.5		
	A	03.10	01.8		0.9			-	2.6	4.1		
02	H	03.10	01.8		1.1				1.2	2.0	5.1	2.8
	Z	03.10	02.5		1.4				2.0	0.9		
	A	06.55	12.8		0.5			-	5.0	1.4		
02	H	06.55			1.2				0.8	0.6	3.3	2.5
	Z	06.55	13.4		1.0			-	2.0	1.0		
	A	08.50	47.1		0.7				8.0	4.3		
02	H	08.50	46.9		0.6				5.5	6.6	2.5	3.1
	Z	08.50	47.1		0.8				10.0	8.0		
	A	11.16	13.7		1.0				10.4	8.4		
02	H	11.16	13.4		1.0			+	9.2	8.3	5.8	3.6
	Z	11.16	13.9		1.1			+	7.7	6.0		
	A	11.18	13.4		0.9				6.4	4.3		
02	H	11.18	13.1		0.6				3.7	3.8	3.6	2.9
	Z	11.18	13.9		1.0				2.7	1.6		
	A	13.26	51.1		0.5				1.6	2.6		
02	H	13.26	51.7		0.8				0.4	0.3	1.9	
	Z	13.26	52.0		0.2				1.6	1.3		
	A	13.55	50.1		0.7				6.0	8.8		
02	H	13.55	49.9		0.8				4.9	6.7	3.8	3.2
	Z	13.55			0.9			+	11.0	5.0		
	A	16.17	05.8		0.8				2.6	7.6		
02	H	16.17	05.4		0.5			-	3.4	2.8	2.2	2.8
	Z	16.17	06.2		0.9			+	2.4	0.9		
	A	19.18	49.0		1.3			+	6.8	7.0		
02	H	19.18	48.7		1.2			+	6.3	4.8	7.5	3.5
	Z	19.18	49.3		1.2				5.4	2.4		
	A	19.47	31.1		0.6				7.8	5.8		
02	H	19.47	31.7		1.1			-	4.0	4.8	3.3	3.2
	Z	19.47	31.1		0.6			-	19.8	9.3		
	A	19.47	41.2		0.7			+	4.2	3.8		
02	H	19.47	41.7		1.0			-	2.3	2.4	3.8	2.8
	Z	19.47	41.0		0.7				12.1	5.7		
	A	21.41	06.8		1.4				4.4	4.9		
02	H	21.41	06.2		1.0			+	3.1	6.4	4.3	3.4
	Z	21.41	07.1		1.1			+	2.0	3.1		
	A	22.28	57.8		0.9				4.8	7.3		
02	H	22.28	57.2		0.7			+	4.7	6.3	4.3	3.2
	Z	22.28	58.3		1.2			-	3.0	1.2		
	A	23.08	23.1		0.7			+	5.1	2.2		
02	H	23.08	23.2		0.8			+	2.6	4.4	3.6	2.9
	Z	23.08	23.6		0.8			-	4.6	1.9		
	A	23.17	10.0		1.3			+	15.6	9.8		
02	H	23.17	09.5		0.9			+	7.0	9.6	6.3	3.8
	Z	23.17	10.5		1.5			+	8.8	7.3		
	A	01.29	33.5		1.4				19.2	10.3		
03	H	01.29			1.3			-	7.0	8.0	6.2	4.0
	Z	01.29	33.3		1.1				22.4	14.0		
	A	01.44	26.2		1.3				1.7	1.9		
03	H	01.44	26.8		1.1			-	1.6	2.0	5.8	2.8
	Z	01.44	26.2		1.1			-	5.2	9.8		
	A	02.23	09.1		0.5				4.7	7.3		
03	H	02.23	09.7		0.9			-	2.7	3.1	2.8	2.8
	Z	02.23	09.7		0.7			-	13.1	6.0		
	A	03.47			0.6				14.9	7.7		
03	H	03.47	07.0		1.0			+	4.6	4.1	3.4	3.3
	Z	03.47	07.0		0.6			-	7.0	10.1		
	A	04.14								11.9		
03	H	04.14	47.7		0.7				1.0	1.1	3.5	2.7
	Z	04.14	46.7		1.0				4.6			
	A	04.14			0.4			+		7.3		
03	H	04.14	58.9		1.1				0.7	0.5	2.5	2.4
	Z	04.14	58.6		0.7				1.7			
	A	04.15	01.8		0.5			+		3.4		
03	H	04.15	02.6						1.4	1.6		
	Z	04.15	02.7		0.7				4.5		2.0	
	A	04.20	51.5		0.4			+	21.6	14.0		
03	H	04.20	52.3		0.8			+	0.9	0.9	2.7	2.8
	Z	04.20	52.4		0.8				1.6			
	A	04.37	58.5		0.6			+		4.0		
03	H	04.37	59.9		0.8			-	0.9	0.6	1.7	2.3
	Z	04.37	59.5		0.5				1.4			
	A	04.41	17.5		0.8			+				
03	H	04.41	17.5		0.7			-				
	Z	04.41	18.0		0.8						3.3	2.7
	A	04.54	26.7		0.8			-				
03	H	04.54	27.5		1.3			-				
	Z	04.54	26.8		0.8						4.9	3.9
	A	05.38	00.6		0.7							
03	H	05.38	02.5		1.0							
	Z	05.38	02.3		1.0						4.8	3.8
	A	06.43	55.5		0.6			-				
03	H	06.43	56.6		1.1			-				
	Z	06.43	56.5		0.7						3.8	3.2
	A	07.06	25.9		0.6			+				
03	H	07.06	27.2		1.2							
	Z	07.06	26.6		0.8						3.6	2.4
	A	07.54	21.9		0.6			+				
03	H	07.54	23.0		1.3							
	Z	07.54	22.5		0.8			+			3.4	2.9
	A	07.57	42.9		0.5			-				
03	H	07.57	43.0		0.9			+				
	Z	07.57			0.8						3.1	3.1
	A	08.24	47.5		0.6			-				
03	H	08.24	48.4		1.3							
	Z	08.24	47.8		0.7						3.9	2.9
	A	09.06	54.0		0.8			-				
03	H	09.06	54.5		0.8							
	Z	09.06	54.5		0.7			+				
	A	11.03	47.5		0.7							
03	H	11.03	48.3		1.2							
	Z	11.03	47.5		0.4						2.4	2.6
	A	12.43	41.2		0.9			+				
03	H	12.43	41.2		0.7			+				
	Z	12.43	41.9		0.9						3.2	2.5
	A	13.53	55.0		0.5			+				
03	H	13.53	56.2		1.2							
	Z	13.53	56.0		0.9			+			3.1	3.3
	A	14.17	13.0		1.0			+				
03	H	14.17	12.9		0.7			+				
	Z	14.17	13.9		1.0			-			4.1	3.1
	A	14.33	37.4		0.6			-				
03	H	14.33	36.6		0.9			-				
	Z	14.33			0.9						2.9	
	A	14.51	31.2		1.3			-				
03	H	14.51	30.7		0.6							
	Z	14.51			1.3						2.4	2.9
	A	15.30	20.0		1.4							
03	H	15.30	19.4		0.9							
	Z	15.30			1.4						5.9	3.3
	A	17.03	22.3		1.2			+				
03	H	17.03	21.7		0.8			+				
	Z	17.03	22.8		1.1						3.8	2.8
	A	20.14	48.2		0.6			-				
03	H	20.14	49.1		1.2			-				
	Z	20.14	48.3		0.6			+			3.1	3.2
	A	20.26	18.0		0.9			+				
03	H	20.26	17.7		0.5			-				
	Z	20.26	18.9		0.9						2.4	2.7
	A	21.48	14.8		1.5							
03	H	21.48	14.0		0.8			-				
	Z	21.48			1.4						3.4	
	A	22.36	42.1		1.0			+				
03	H	22.36	41.8		0.6			+				
	Z	22.36	42.9		1.1			-			3.4	3.3
	A	23.45	27.5		1.3							
03	H	23.45	28.3		1.8			+				
	Z	23.45	27.9		1.2			+			7.4	3.2
	A	01.43	59.5		0.9							
04	H	01.43	59.3		0.5			-				
	Z	01.44	00.2		1.1						2.6	2.6
	A	04.13	14.6		0.8			+				
04	H	04.13	14.7		0.7			-				
	Z	04.13			0.8			-				

**Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966**

103

Aug. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
04	A	05.24	44.3		0.8				1.5	3.0		
	H	05.24	44.0		0.5		-		1.3	1.3	2.1	2.3
	Z	05.24			0.9				0.8	0.5		
04	A	05.57	56.6		0.8		+		2.0	3.6		
	H	05.57	56.6		0.7				1.6	2.7	3.5	2.6
	Z	05.57			0.9		-		0.7	0.6		
04	A	06.49	59.3		0.5		+		3.4	4.0		
	H	06.49	59.9		1.0				0.6	0.5	3.2	2.2
	Z	06.50	00.1		0.7				2.1	1.5		
04	A	07.26	22.1		0.8				1.8	3.0		
	H	07.26	22.1		0.6				1.2	1.4	2.7	2.4
	Z	07.26			0.8				1.2	0.5		
04	A	08.48	44.2		0.9		+		3.4	2.5		
	H	08.48	44.1		0.6		-		8.6	7.6	2.7	2.9
	Z	08.48			0.9				7.0	3.7		
04	A	08.50	08.9		0.9				1.0	3.0		
	H	08.50	08.7		0.9		+		0.8	0.7	5.4	2.4
	Z	08.50			1.1		-		1.1	0.3		
04	A	08.57	31.0		0.7				9.5	6.0		
	H	08.57	30.7		0.5		-		6.6	7.3	2.7	3.1
	Z	08.57			1.0		-		1.7	0.9		
04	A	09.21			0.6		+		6.5	3.6		
	H	09.21	25.7		0.8				1.6	2.8	3.1	2.8
	Z	09.21	25.3		0.7		-		3.0	5.0		
04	A	09.34	01.3		0.8		+		12.4	8.4		
	H	09.34	01.0		0.7				15.0	13.7	4.0	3.5
	Z	09.34			1.0		-		3.9	2.3		
04	A	10.18	48.6		0.5				8.8	4.5		
	H	10.18	49.7		1.3				1.0	0.8	1.9	2.8
	Z	10.18	49.5		0.9		+		1.7	1.4		
04	A	11.33	52.6		1.0		-		3.4	4.8		
	H	11.33	52.6		0.9				16.9	15.6	5.4	3.5
	Z	11.33			1.1		-		15.2	6.0		
04	A	11.37	36.9		1.1		-		3.0	3.0		
	H	11.37	36.5		0.9		+		7.6	5.4	4.8	3.1
	Z	11.37			1.0		-		10.2	5.6		
04	A	11.59	48.7		0.8				4.8	3.8		
	H	11.59	49.6		1.2		+		1.6	2.2	4.1	2.9
	Z	11.59	49.1		0.6					5.0		
04	A	12.23	43.0		0.9				1.4	2.7		
	H	12.23	42.9		0.9		-		5.0	7.5	5.3	3.1
	Z	12.23	43.5		1.0					2.0		
04	A	15.34	52.4		1.0		+		1.1	5.9		
	H	15.34	52.3		0.7		+		1.4	2.2	4.4	2.8
	Z	15.34			1.2					1.6		
04	A	21.33	48.8		1.2				48.4	35.4		
	H	21.33	48.2		0.8		+		32.9	20.0	5.3	4.4
	Z	21.33			1.3					15.2		
04	A	21.36	44.4		1.0		+		15.7	7.0		
	H	21.36	44.0		1.0		+		11.9	10.8	5.7	3.8
	Z	21.36			1.0				12.4	5.8		
04	A	21.54	27.0		1.1				2.2	1.8		
	H	21.54	26.7		0.8		+		3.6	3.1	4.0	2.8
	Z	21.54			1.0				2.0	1.4		
04	A	23.06	20.2		1.0		+		1.8	1.1		
	H	23.06	19.6		0.8		+		2.4	2.4	5.3	2.6
	Z	23.06	20.5		1.2				2.6	1.0		
05	A	01.39	21.6		1.0				1.6	2.3		
	H	01.39	22.0		1.4		-		0.3	0.4	3.2	2.4
	Z	01.39	21.3		0.5				7.0	7.0		
05	A	02.17	08.6		1.3				7.7	5.0		
	H	02.17	07.8		1.0		+		9.0	12.4	6.1	3.7
	Z	02.17	08.8		1.3				6.0	3.6		
05	A	04.09	57.0		0.8				0.8	1.3		
	H	04.09	57.4		1.6		-		0.6	0.5	1.6	2.3
	Z	04.09	56.6		0.6		-		5.0	3.8		
05	A	04.13	50.5		0.6				1.2	2.6		
	H	04.13	50.4		0.6				2.1	2.7	2.7	2.4
	Z	04.13			0.8				1.4	1.0		
05	A	04.43	32.1		0.7				1.6	2.8		
	H	04.43	31.8		0.6				2.6	3.5	2.8	2.6
	Z	04.43	32.6		0.8				1.4			
05	A	05.05	30.0		1.2				1.5	1.2		
	H	05.05	28.9		1.0		+		0.9	1.4	6.6	2.5
	Z	05.05	30.0		1.3				2.4	0.6		
05	A	05.16	43.8		0.5				2.6	3.4		
	H	05.16	44.8		1.0				1.6	1.4	3.5	2.4
	Z	05.16	44.2		0.8				5.4	3.1		
05	A	06.32	21.8		0.4			-	9.4	10.2		
	H	06.32	22.6		1.1		-		4.4	4.6	2.6	3.1
	Z	06.32	22.4		0.7		+		8.4	14.0		
05	A	07.57	25.1		0.9				4.3	9.3		
	H	07.57	24.4		0.7		+		2.7	3.5	4.5	3.1
	Z	07.57	25.4		1.1				3.5	1.6		
05	A	10.26	33.5		1.0		+		22.8	14.0		
	H	10.26	33.2		1.0		-		11.6	10.6	4.5	3.8
	Z	10.26	33.3		0.8				26.7	7.8		
05	A	10.40	30.5		1.0				4.8	2.4		
	H	10.40	31.2		1.8				1.3	0.6	3.3	3.0
	Z	10.40	30.0		0.9				8.6	6.0		
05	A	14.16	18.5		0.7				6.0	7.6		
	H	14.16	19.1		1.1				1.0	2.1	4.3	3.0
	Z	14.16	18.4		0.8				11.4	3.5		
05	A	16.43	59.4		0.7		+		1.9	2.6		
	H	16.43	58.7		0.8				9.4	9.3	3.6	3.0
	Z	16.44	00.0		1.2				1.8	2.2		
05	A	17.40	51.7		1.5				0.6	0.6		
	H	17.40	52.0		1.8		+		0.7	0.9	8.6	2.5
	Z	17.40	51.4		1.2				3.9	3.2		
05	A	18.38	59.5		0.9				8.4	12.4		
	H	18.39	00.0		1.4		-		4.4	7.4	4.2	3.6
	Z	18.38	58.9		0.6		-					
05	A	20.12	18.4		0.6				1.4	5.5		
	H	20.12	18.0		0.6		-		5.0	4.2	2.8	2.8
	Z	20.12	19.0		1.0				3.6	1.9		
05	A	20.57	30.3		1.0				1.5	2.8		
	H	20.57	29.9		0.9				2.9	5.1	4.5	3.0
	Z	20.57	29.5		0.9				1.8	1.6		
05	A	21.48	41.3		1.0		+		2.3	2.4		
	H	21.48	41.8		1.5				1.3	2.3	6.5	2.9
	Z	21.48	41.9		1.0				4.8	3.7		
05	A	22.14	43.3		0.9		-		6.5	13.7		
	H	22.14	43.0		0.5		-		15.8	10.5	2.9	3.5
	Z	22.14	43.6		1.0		+		4.0	2.1		
05	A	22.24	38.5		1.0				2.0	3.3		
	H	22.24	38.7		1.1		+		1.4	1.0	5.9	2.7
	Z	22.24			1.4				0.8	0.3		
05	A	22.30	06.6		0.8		-		10.8	16.4		
	H	22.30	06.0		0.6				16.6	15.0	3.9	3.6
	Z	22.30			1.0		-		5.2	4.0		
05	A	22.32	45.4		0.8		-		2.0	4.4		
	H	22.32	44.5		0.6		-		4.5	3.3	2.9	2.8
	Z	22.32	45.4		0.9				1.6	1.0		
05	A	22.37	29.4		0.9				1.7	2.4		
	H	22.37	28.4		0.5		+		3.4	3.4	3.1	2.6
	Z	22.37	29.9		1.1				0.9	0.4		
05	A	22.40	23.9		0.9		-		4.7	8.4		
	H	22.40	23.3		0.5		-		5.7	4.0	2.5	3.0
	Z	22.40			1.0				2.2			
06	A	03.14	15.6		1.0		-		8.0	8.4		
	H	03.14	14.5		0.5		+		8.7	9.6	3.4	3.3
	Z	03.14			1.2		-		3.2	1.6		
06	A	03.47	44.8		1.0				22.2	18.0		
	H	03.47	43.9		0.7		+		17.4	13.1	4.4	3.9
	Z	03.47			1.2				9.6	5.7		
06	A	03.49	23.7		1.0		+		11.4	10.9		
	H	03.49	22.7		0.6				12.9	13.7	4.1	3.5
	Z	03.49	24									

Aug. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
06	A	11.07	19.5		1.2				1.1	3.8	6.0	2.8
	H	11.07	19.5		1.0			+	1.4	1.6		
	Z	11.07			1.2				1.6	0.9		
06	A	13.24	57.9		0.9				2.8	2.9	5.9	2.8
	H	13.24	58.9		1.3				1.7	1.6		
	Z	13.24			0.9				4.3	4.9		
06	A	14.32	07.5		0.9				2.1	4.0	1.9	2.9
	H	14.32	07.4		0.5			-	6.0	6.7		
	Z	14.32			0.9				1.5	1.4		
06	A	17.29			0.5				1.6	4.4	3.1	2.5
	H	17.29			0.9				0.4	1.4		
	Z	17.29			0.7				2.8	3.0		
06	A	18.44	42.3		1.0				3.2	1.6	4.1	3.2
	H	18.44	42.3		0.7			+	7.6	12.4		
	Z	18.44			1.0				3.8	2.4		
06	A	19.10	42.2		1.3				4.1	2.7	5.1	3.4
	H	19.10	41.4		0.8			-	14.8	9.4		
	Z	19.10	43.1		1.6				1.2	1.1		
06	A	19.40	13.7		0.8				1.4	2.6	3.9	2.9
	H	19.40	13.5		0.7			+	6.8	7.0		
	Z	19.40			1.0				3.0	1.1		
06	A	20.16	38.5		1.3				2.3	3.6	6.3	3.5
	H	20.16	38.3		1.0				15.0	10.4		
	Z	20.16	39.1		1.3				4.6	2.2		
06	A	20.38	51.3		1.0				1.6	1.5	5.1	2.7
	H	20.38	51.4		0.9				3.6	3.4		
	Z	20.38	51.5		1.0				6.4	5.7		
06	A	21.24	22.1		1.2				2.3	2.1	5.1	3.1
	H	21.24	22.3		1.0			+	7.3	5.4		
	Z	21.24	22.6		1.0			+	7.1	6.6		
06	A	22.31	06.1		0.7			+	2.1	2.7	3.6	2.7
	H	22.31	06.4		0.8				3.1	4.6		
	Z	22.31	06.9		0.8			-	2.1	1.0		
07	A	00.45	15.4		0.3			-	14.8	20.0	2.1	2.8
	H	00.45	16.3		0.9				1.7	1.6		
	Z	00.45			0.7			+	1.8	1.6		
07	A	00.53	33.7		0.9			+	2.1	5.8	4.6	3.1
	H	00.53	33.7		0.7				2.4	4.4		
	Z	00.53			1.2				2.3	1.0		
07	A	01.12	10.7		1.0			+	7.3	3.2	1.8	3.3
	H	01.12	10.8		0.6			-	8.0	6.1		
	Z	01.12			0.9			-	4.4	4.4		
07	A	03.12	49.2		0.4				7.8	3.0	2.8	2.6
	H	03.12	50.2		0.9				1.2	1.4		
	Z	03.12	50.1		0.8			-	2.2	2.4		
07	A	03.44	55.7		1.1				2.5	2.4	5.8	2.9
	H	03.44	55.5		0.9			+	3.9	3.1		
	Z	03.44			1.2				2.6	2.0		
07	A	04.03	13.8		0.9			+	5.3	5.0	2.5	2.9
	H	04.03	14.0		0.6				3.3	4.7		
	Z	04.03	14.5		0.9			-	7.4	5.4		
07	A	04.58	18.1		1.0			+	5.0	8.0	3.9	3.1
	H	04.58	18.1		0.7				4.4	3.0		
	Z	04.58			1.1			-	3.2	1.7		
07	A	05.53	37.4		1.4				1.5	2.8	8.1	2.8
	H	05.53	38.6		1.8				0.8	0.8		
	Z	05.53	37.8		1.2				3.2	4.6		
07	A	07.25	49.3		0.4			+	8.8	6.8	1.6	2.9
	H	07.25	49.8		1.2				1.6	2.2		
	Z	07.25			0.8				2.7	3.0		
07	A	11.09	45.0		0.8			+	7.3	7.2	3.3	3.2
	H	11.09	45.3		0.6			+	9.0	7.4		
	Z	11.09			1.0			-	3.1	1.4		
07	A	11.25	27.7		1.6				1.0	1.3	8.0	2.8
	H	11.25	28.9		2.0			+	1.0	0.5		
	Z	11.25			1.3				1.4	3.4		
07	A	14.53	06.0		0.8				8.3	14.2	3.4	3.1
	H	14.53	06.3		0.6			+	4.1	3.7		
	Z	14.53	06.7		1.1				4.0	1.3		
07	A	16.02	03.2		1.0				2.0	1.8	5.3	2.8
	H	16.02	03.5		0.9			-	2.9	4.0		
	Z	16.02	03.7		1.0				5.8	4.3		
07	A	17.11	25.4		1.1			-	3.9	8.0	6.3	3.6
	H	17.11	25.9		1.1			-	10.6	11.2		
	Z	17.11			1.1				8.6	12.6		
07	A	19.16	06.6		1.1				1.3	1.7	4.8	2.4
	H	19.16	08.1		1.8			-	0.3	0.4		
	Z	19.16	06.8		1.0				2.5	2.0		
07	A	19.40	43.5		0.9				1.4	3.6	3.5	2.7
	H	19.40	43.6		0.6			+	4.2	4.0		
	Z	19.40			1.1			+	1.6	1.6		
07	A	19.57	00.2		0.9			-	11.4	16.9	4.0	3.6
	H	19.56	59.9		0.6				13.8	7.8		
	Z	19.57	00.7		1.1			-	5.3	4.3		
07	A	21.28	53.4		0.7				1.9	3.4	2.8	2.6
	H	21.28	53.5		0.7				2.0	3.1		
	Z	21.28	53.7		0.7			-	3.4	2.7		
07	A	21.31	34.9		0.9				2.8	3.3	2.5	2.6
	H	21.31	35.0		0.6				2.2	2.8		
	Z	21.31			0.9			-	2.8	3.0		
07	A	23.15	51.2		0.8				4.2	7.4	3.5	3.1
	H	23.15	51.8		0.6				4.8	6.4		
	Z	23.15			0.9				1.7	1.0		
07	A	23.17	49.2		0.7				1.2	3.3	3.5	2.5
	H	23.17	49.8		0.7				1.5	1.8		
	Z	23.17	49.4		0.9			-	1.2	0.7		
08	A	00.48	08.9		1.1			-	2.4	1.8	7.1	2.8
	H	00.48	09.0		1.1				1.0	1.9		
	Z	00.48			1.3				0.8	0.6		
08	A	00.50	25.5		0.6				3.4	5.2	2.9	2.5
	H	00.50	26.3		1.0			+	2.0	2.2		
	Z	00.50	25.4		0.5			-	29.9	4.0		
08	A	01.25	39.8		0.9				1.2	3.2	4.2	2.3
	H	01.25	39.5		0.6				0.4	0.8		
	Z	01.25			1.2			-	1.4	0.6		
08	A	02.10	09.1		0.6				2.6	3.0	2.8	2.7
	H	02.10	09.9		1.0			+	2.6	3.2		
	Z	02.10	09.1		0.5				35.7	13.6		
08	A	02.11	56.7		0.6				3.6	5.5	3.1	2.9
	H	02.11	57.4		1.1				2.4	2.8		
	Z	02.11	56.6		0.5				21.7	8.6		
08	A	02.12	04.5		0.6				6.7	7.9	1.2	2.9
	H	02.12			0.7				3.4	4.0		
	Z	02.12	04.0		0.5				49.6			
08	A	02.24	49.2		0.8				2.5	2.8	2.8	2.3
	H	02.24	48.7		0.5			-	1.9	1.8		
	Z	02.24	49.8		1.0				1.7	1.0		
08	A	02.24	53.7		0.5				1.8	2.7	3.1	2.5
	H	02.24	54.7		0.9				1.3	2.1		
	Z	02.24	54.2		0.7				3.8	5.4		
08	A	04.07	32.0		1.3				1.0	1.8	2.7	2.4
	H	04.07	31.1		0.7			+	1.0	1.1		
	Z	04.07	32.6		1.3				0.4	0.6		
08	A	05.13	40.6		1.0				1.6	2.7	3.2	2.5
	H	05.13	39.4		0.5				1.4	1.8		
	Z	05.13	40.8		1.1				0.8	0.2		
08	A	05.17	09.0		1.0				2.4	4.0	2.7	2.8
	H	05.17	08.3		0.5			+	2.9	3.4		
	Z	05.17	09.5		1.1				2.0	1.2		
08	A	05.37	36.3		0.5				4.3	2.6	2.5	2.1
	H	05.37	36.9		0.7				0.6	0.6		
	Z	05.37	37.2		0.7				1.2	0.8		
08	A	05.52	24.6		0.8				4.1	3.4	2.7	2.9
	H	05.52	24.9		1.6				1.6	0.8		
	Z	05.52	24.3		0.5				6.3	10.0		
08	A	05.59	49.4		1.2				6.8	5.7	5.2	2.9
	H	05.59	49.5		1.1			-	6.4	10.0		
	Z	05.59	49.7		0.9				12.2	1.9		
08	A	06.00	27.2		0.9				1.0	1.9	3.2	2.3
	H	06.00	27.5		1.4			-	0.6	0.5		
	Z	06.00	26.8		0.5				2.5	4.2		
08	A	08.35	40.8		1.1				3.0	2.9	5.0	3.2
	H	08.35	40.4		0.8			+	7.4	10.6		
	Z	08.35	40.9		1.1				7.2	3.8		
08	A	08.38	40.7		0.9				12.8	11.1	3.4	3.3
	H	08.38	40.0		0.5			+	9.1	5.7		
	Z	08.38	40.7		1.1			-	6.3	3.6		
08	A	09.38	14.3		0.9				3.9	8.6	4.3	3.2
	H	09.38	14.1		0.7				5.4	5.6		
	Z	09.38	14.9		1.1					0.9		

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

105

Aug. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
08	A	09.39	29.8		0.8			+	11.5	7.6		
	H	09.39	29.1		0.7			-	6.2	10.6	4.2	3.5
	Z	09.39	30.2		1.0				4.1	5.0		
08	A	09.40	22.3		0.9				6.3	7.6	3.1	3.1
	H	09.40	21.8		0.5				6.9	6.7		
	Z	09.40	22.6		1.0				5.8	3.0		
08	A	09.42	44.3		0.9			+	4.6	7.0	3.0	2.8
	H	09.42	43.7		0.5				1.9	2.7		
	Z	09.42	44.3		1.1			-	4.2	1.8		
08	A	09.44	26.6		0.9				9.6	9.6	2.8	3.0
	H	09.44	26.1		0.5				3.2	3.4		
	Z	09.44	27.0		1.0			-	2.7	1.4		
08	A	09.56	51.3		0.8			+	4.9	3.8	3.1	2.9
	H	09.56	51.1		0.5			-	5.8	4.3		
	Z	09.56	51.7		1.0				3.2	2.0		
08	A	10.04	54.8		0.9			+	20.2	12.0	3.0	3.8
	H	10.04	54.3		0.6				22.0	10.5		
	Z	10.04	55.2		0.9			-	3.2	3.6		
08	A	10.32	34.1		0.6				2.0	3.7	2.9	2.1
	H	10.32	34.5		0.7				0.6	0.4		
	Z	10.32	34.8		1.0			-	0.4	0.4		
08	A	10.33	08.9		0.8			+	5.5	12.1	4.2	3.4
	H	10.33	08.5		0.7				3.8	7.6		
	Z	10.33	09.5		1.2				4.5	2.2		
08	A	11.16	52.9		0.9				1.6	1.3	3.9	2.6
	H	11.16	52.4		0.7			-	4.2	2.5		
	Z	11.16	53.2		0.9				2.1	2.2		
08	A	11.40	09.9		0.5				3.0	4.2	2.5	2.1
	H	11.40	10.3		0.7				0.7	0.5		
	Z	11.40	10.7		0.8			+	1.2	1.2		
08	A	11.41	42.4		0.8				1.8	1.2	3.1	2.5
	H	11.41	41.7		0.5			-	4.0	3.9		
	Z	11.41	42.8		1.0				0.4	0.6		
08	A	11.52	24.5		0.9			+	1.4	3.2	3.8	2.6
	H	11.52	23.6		0.6				1.3	2.6		
	Z	11.52			1.2				0.6	0.4		
08	A	12.03	43.9		0.8				2.2	1.0	3.1	2.6
	H	12.03	43.3		0.5			-	5.0	4.6		
	Z	12.03	44.2		1.0			+	0.8	0.9		
08	A	12.26	24.2		0.7				1.8	1.9	2.3	2.4
	H	12.26	23.7		0.5				3.6	3.6		
	Z	12.26	24.5		0.9				0.4	0.2		
08	A	12.50	42.3		0.8				8.9	7.2	3.2	
	H	12.50	41.9		0.7				6.8	6.0		
	Z	12.50	42.3					-	2.7	2.6		
08	A	12.51	13.0		0.7				5.6	3.8	3.1	2.8
	H	12.51	12.9		0.7				3.1	3.9		
	Z	12.51	13.1		0.8			-	3.2	3.7		
08	A	14.03	27.4		0.9				2.1	3.7	4.0	2.8
	H	14.03	26.9		0.8				3.0	3.1		
	Z	14.03	28.1		1.4				2.2	2.0		
08	A	18.30	27.1		0.8				2.7	1.6	3.6	2.9
	H	18.30	26.4		0.7				7.2	6.2		
	Z	18.30	27.6		0.9				0.9	1.5		
08	A	21.21	01.5		0.8				3.7	4.9	3.3	3.0
	H	21.21	01.1		0.6				8.7	5.3		
	Z	21.21	01.6		0.9			-	8.5	5.4		
08	A	22.16	47.2		1.2				0.6	2.0	5.9	2.7
	H	22.16	46.6		0.9			-	1.9	1.7		
	Z	22.16	47.5		1.3				0.8	0.6		
08	A	23.55	58.0		0.8			+	18.0	12.5	3.8	3.6
	H	23.55	58.1		0.7			-	13.6	9.3		
	Z	23.55	58.2		0.9			-	12.6	9.0		
09	A	00.11	16.0		0.4			+	8.5	7.1	2.4	3.0
	H	00.11	16.8		0.9			-	3.8	5.4		
	Z	00.11	16.4		0.6			-	3.7	3.5		
09	A	00.11	36.8		0.5				8.9	7.6	2.6	3.2
	H	00.11	37.0		1.1				3.8	4.8		
	Z	00.11	37.4		0.5			-	3.4	5.6		
09	A	00.14	53.4						2.9	1.6		
	H	00.14			1.0			+	2.3	3.2	3.0	
	Z	00.14	53.8		0.8				2.6	1.8		
09	A	00.59	09.3		0.7				1.8	2.8	4.7	2.6
	H	00.59	09.4		1.0			+	1.4	1.9		
	Z	00.59	09.6		1.0				3.9	1.0		
09	A	01.24	21.7		1.1				1.6	2.8		
	H	01.24	20.7		0.5			+	3.2	3.2	3.4	2.7
09	A	01.24	22.1		1.3				0.6	0.4		
	Z											
09	A	01.51	26.9		1.5				1.1	1.7	8.8	2.8
	H	01.51	27.2		1.9				0.9	0.7		
09	A	01.51	26.7		1.3			+	3.4	2.3		
	Z											
09	A	03.46	30.3		0.9			+	3.2	2.4	3.2	2.9
	H	03.46	30.4		0.7			-	3.9	5.5		
09	A	03.46	30.6		0.8				4.4	2.4		
	Z											
09	A	06.37	22.6		0.7				1.6	1.6	4.2	2.1
	H	06.37	23.0		1.1				0.5	0.6		
09	A	06.37	22.6		0.7				6.0	2.2		
	Z											
09	A	06.42	15.5		0.7				5.6	5.4	4.1	2.9
	H	06.42	15.9		1.1				1.6	2.4		
09	A	06.42	15.5		0.7			+	13.0	4.4		
	Z											
09	A	07.30	46.6		0.4				3.7	3.4	2.4	2.5
	H	07.30	47.2		0.9				2.0	2.4		
09	A	07.30	46.9		0.6				3.6	4.0		
	Z											
09	A	10.52	31.2		0.7			+	14.9	13.9	4.4	3.4
	H	10.52	31.9		1.1			-	5.8	5.0		
09	A	10.52	31.4		0.8			+	8.4			
	Z											
09	A	12.08	00.9		1.4				4.9	6.2	4.1	3.3
	H	12.08	00.1		0.8				6.0	5.3		
09	A	12.08	01.1		1.5			-	2.0			
	Z											
09	A	12.34	01.4		0.8				19.2	25.3	5.0	3.9
	H	12.34	01.9		1.1			+	8.3	13.2		
09	A	12.34			1.3				5.0			
	Z											
09	A	16.13	30.4		1.3				8.7	3.3	6.1	3.6
	H	16.13	29.2		1.0			+	6.6	9.1		
09	A	16.13	30.0		1.3				4.8			
	Z											
09	A	16.30	15.6		1.1			+	2.0	2.2	5.1	2.9
	H	16.30	15.3		0.9			-	4.8	3.9		
09	A	16.30	15.3		1.0			-	6.4			
	Z											
09	A	16.38	46.0		1.1				2.3	2.6	2.3	2.8
	H	16.38	46.3		1.2			-	1.3	2.0		
09	A	16.38			0.6				1.5			
	Z											
09	A	17.30	49.3		0.8			+	11.3	7.2	2.7	3.2
	H	17.30	49.0		0.6			-	5.6	6.9		
09	A	17.30	49.7		0.8			-	3.0			
	Z											
09	A	17.38	41.6		0.7				3.3	3.8	3.2	2.8
	H	17.38	41.4		0.6			-	3.1	5.2		
09	A	17.38	41.6		0.9			-	1.7			
	Z											
09	A	18.13	21.6		1.2			+	4.8	2.9	5.8	3.0
	H	18.13	21.1		0.9				2.4	2.4		

Aug. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
10	A	03.12	06.8		0.6				1.9	1.9		
	H	03.12	07.1		0.9			+	2.0	2.9	2.9	2.5
	Z	03.12	07.2		0.6			-		1.8		
10	A	03.54	30.6		0.9			-	23.5	60.6		
	H	03.54	30.6		1.2			+	9.3	12.0	5.9	4.2
	Z	03.54	31.1		1.0			-		9.8		
10	A	04.41	42.9		1.5				3.7	1.8		
	H	04.41	41.5		1.1				2.1	3.4	4.9	3.2
	Z	04.41	42.6		1.3					0.7		
10	A	05.54	28.1		1.2				4.6	7.9		
	H	05.54	27.1		0.6				7.2	8.0	2.8	3.3
	Z	05.54	28.4		1.2					2.4		
10	A	08.26	26.8		0.8			+	3.6	3.0		
	H	08.26	26.4		0.8			-	3.8	3.0	3.9	2.8
	Z	08.26	26.5		0.8			-		2.2		
10	A	12.09	05.7		1.3				6.4	4.5		
	H	12.09	05.1		1.0			+	5.6	7.2	6.0	3.5
	Z	12.09	05.5		1.2			+	8.0	3.8		
10	A	12.42	26.3		0.9				4.2	3.7		
	H	12.42	25.5		0.6			-	2.9	2.7	3.1	2.7
	Z	12.42	26.5		1.0				2.4	1.6		
10	A	14.23	24.9		0.7				3.3	4.1		
	H	14.23	25.3		1.0			-	3.0	2.4	2.9	2.9
	Z	14.23	24.5		0.5			-	21.2	6.3		
10	A	14.39	23.9		1.6				2.0	2.1		
	H	14.39	24.5		1.9			+	0.9	1.0	7.0	2.9
	Z	14.39	23.6		1.4			+	2.7	2.4		
10	A	15.45	57.0		1.1			+	16.1	12.9		
	H	15.45	56.0		0.9			+	18.4	28.9	6.0	4.1
	Z	15.45	57.4		1.3			-	4.7	4.6		
10	A	17.48	43.8		1.0			+	27.4	18.3		
	H	17.48			0.7			-	18.8	15.6	3.9	4.0
	Z	17.48	44.0		1.0				17.6	7.7		
10	A	17.48	54.0		1.0			+	2.4	2.0		
	H	17.48			0.6				2.2	1.5	1.6	2.5
	Z	17.48	54.1		0.9				3.9	1.4		
10	A	19.00	42.4		1.4			-	9.4	3.2		
	H	19.00	43.2		1.9			-	8.3	8.8	7.3	3.9
	Z	19.00	42.2		1.2			-	18.2	14.5		
10	A	19.08	19.9		0.5			+	12.4	8.2		
	H	19.08	20.9		1.2				0.9	0.8	2.9	2.8
	Z	19.08	20.4		0.9			+	2.4	2.0		
11	A	00.08	09.3		1.0			+	7.3	5.4		
	H	00.08	09.0		0.8			-	3.8	6.4	4.2	3.3
	Z	00.08	09.3		1.0			-	11.4	4.6		
11	A	00.23	21.0					+	2.1	1.8		
	H	00.23	20.6		1.0			-	4.6	3.8		3.0
	Z	00.23	21.0		1.0			+	12.0	6.8		
11	A	01.19	55.0		0.8				1.3	1.8		
	H	01.19	55.6		1.1				1.5	2.4	3.6	2.6
	Z	01.19	55.0		0.6			-	15.0			
11	A	01.20	07.3		0.8			+	12.5	12.5		
	H	01.20	07.8		1.2			+	4.7	8.6	4.7	3.6
	Z	01.20	07.1		0.8			-	61.5	10.5		
11	A	01.21	36.7		0.6			+	2.6	2.0		
	H	01.21	37.2		1.0			+	1.4	3.4	3.0	2.7
	Z	01.21	36.7		0.5			-	7.7	4.1		
11	A	03.51	16.1		1.1			+	2.1	3.7		
	H	03.51	15.5		0.7			-	2.4	1.6	3.7	2.7
	Z	03.51	16.5		1.0				1.0	1.0		
11	A	07.20	22.8		1.0			+	3.5	2.4		
	H	07.20	22.2		1.0			-	2.7	5.4	5.7	3.1
	Z	07.20	22.6		1.4				2.4	1.5		
11	A	10.00	26.4		0.4			+	3.1	3.8		
	H	10.00	27.1		0.8			+	0.5	0.6	2.1	2.0
	Z	10.00	27.0		0.6			-	0.5	0.8		
11	A	10.02	19.0		0.8				2.3	1.4		
	H	10.02	18.8		0.8			+	2.6	3.7	4.2	2.7
	Z	10.02	19.6		0.9			-	1.9	1.1		
11	A	10.33	33.1		0.7			-	2.4	4.0		
	H	10.33	33.2		0.9				0.8	1.5	4.4	2.6
	Z	10.33	33.4		0.9			-	1.4	1.4		
11	A	13.06	42.3		1.0			-	3.4	4.2		
	H	13.06			1.1			+	3.8	3.1	6.0	3.1
	Z	13.06	43.1		1.4			-	2.0	1.0		
11	A	14.14	07.1		1.6				1.9	2.8		
	H	14.14	07.8		1.9			+	1.3	1.5	9.0	3.1
	Z	14.14	07.0		1.3			+	2.6	3.1		
11	A	15.48	45.8		0.9			-	19.3	13.8		
	H	15.48			0.6			+	9.4	13.4	4.0	3.7
	Z	15.48	46.0		1.1			+	7.1	7.1		
11	A	16.01	44.8		1.1				1.0	1.6		
	H	16.01	44.3		1.5			-	4.3	5.9	6.1	3.1
	Z	16.01	44.4		0.9				7.9	7.2		
11	A	18.03	09.9		1.2				1.9	1.0		
	H	18.03	09.7		1.3			-	0.9	1.6	3.2	2.8
	Z	18.03	09.4		0.7				7.0	8.0		
11	A	18.17	10.2		0.9			-	15.4	14.4		
	H	18.17	09.9		0.8			+	17.0	30.9	4.7	4.0
	Z	18.17			1.3			-	3.3	4.4		
11	A	20.16	32.0		0.6				8.2	4.2		
	H	20.16	32.1		0.7			+	5.2	5.8	2.8	3.0
	Z	20.16	32.3		0.7			-	6.8	10.3		
11	A	20.16	45.6		0.6			+	4.4	2.6		
	H	20.16	45.5		0.7				3.4	4.4	3.0	2.8
	Z	20.16	45.9		0.8			-	4.6	5.2		
11	A	20.33	37.8		1.1			-	2.2	2.8		
	H	20.33	37.9		1.1			+	1.8	3.0	6.2	2.9
	Z	20.33	38.7		1.4				0.7	0.9		
11	A	21.24	52.0		1.4				18.4	14.9		
	H	21.24	51.1		0.7			+	16.9	18.2	3.4	4.0
	Z	21.24	52.4		1.4			-	8.6	4.2		
11	A	22.07	24.6		0.7				18.6	8.6		
	H	22.07	24.6		0.7			+	8.1	8.7	3.3	3.5
	Z	22.07			0.8			-	8.0	7.0		
11	A	22.41	16.0		0.9			-	2.5	1.7		
	H	22.41	15.5		0.6			-	1.4	2.7	3.1	2.5
	Z	22.41	16.4		0.9				1.1	1.0		
11	A	23.03	05.1		0.8			+	4.6	2.8		
	H	23.03	04.7		0.5			-	2.0	2.7	2.5	2.6
	Z	23.03	05.7		0.9			-	2.0	2.0		
11	A	23.45	27.3		0.9				2.8	2.6		
	H	23.45	26.6		0.5			-	3.8	3.3	1.9	2.6
	Z	23.45	27.8		0.9			-	0.7	0.6		
12	A	00.03	34.1		0.8				1.8	3.3		
	H	00.03	34.2		0.9			+	5.3	4.6	4.8	2.9
	Z	00.03	34.9		1.1				1.7	1.0		
12	A	02.19	55.9		0.5			+	4.2	5.2		
	H	02.19	56.4		1.0				0.4	0.3	1.8	2.1
	Z	02.19			0.4			-	1.4	1.0		
12	A	02.27	52.2		0.5				1.6	2.5		
	H	02.27	52.8		0.9				2.0	3.4	2.5	2.6
	Z	02.27	52.5		0.5			-	7.8	3.0		
12	A	02.50	02.7		0.6				3.3	3.4		
	H	02.50	02.3		0.7			-	3.2	3.4	2.8	2.6
	Z	02.50	03.0		0.8			-	3.1	0.8		
12	A	02.50	06.1		0.7			+	3.2	3.0		
	H	02.50	05.8		0.7			-	2.0	2.2	3.2	2.6
	Z	02.50	06.5		0.8			-	3.2	2.0		
12	A	02.51	01.0		0.8				37.9	20.8		
	H	02.51	01.8		0.8			-	10.7	17.3	4.2	4.0
	Z	02.51	01.4		0.9			-	36.1	5.5		
12	A	04.55	56.3		1.1				37.2	27.3		
	H	04.55	55.9		0.9			-	23.4	17.3	4.8	4.2
	Z	04.55			1.0			-	9.3	10.9		
12	A	04.56	40.9		1.0				2.6	1.0		
	H	04.56			0.7			+	5.8	5.2	4.6	2.9
	Z	04.56	41.3		1.1				3.2	1.4		
12	A	04.59	29.9		1.0				4.8	6.8		

**Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966**

107

Aug. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude		Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude		
		h	m	s		E	N	U	E-W	N-S						E	N	U		E-W	N-S							
12	A	09.33	39.3		0.7		+		2.8	1.8	2.8	2.5	12	A	21.42	46.4		1.8		+		4.5	4.2	3.5				
	H	09.33	39.5		0.7		-		1.5	2.0				12	H	21.42	45.9				+		5.2			6.6		
	Z	09.33	39.5		0.7		-		3.3	4.4				12	Z	21.42			1.7				3.1			1.7		
12	A	09.39	57.5		0.9		+		17.5	9.4	2.0	3.5	12	A	22.20	28.8		0.7		+		7.8	9.2	4.5	3.0			
	H	09.39	57.3		0.6		-		9.7	7.2				12	H	22.20	29.1		0.9		+		1.1			2.7		
	Z	09.39			0.9		-		8.5	4.2				12	Z	22.20	29.9		1.0		-		5.4			3.1		
12	A	09.41	57.5		0.7			+	4.0	4.4	3.9	2.7	12	A	22.29	36.5		0.6		+		5.6	5.7	3.9	2.7			
	H	09.41	57.3		0.9			+	1.0	2.1				12	H	22.29	37.1		0.8		+		0.9			2.1		
	Z	09.41			0.8				2.5	1.0				12	Z	22.29	37.6		0.9		-		2.4			10.2		
12	A	09.47	48.4		0.9			+	5.1	3.2	3.0	3.1	13	A	00.43	34.1		1.4		+		3.7	3.8	3.1				
	H	09.47			0.8			+	4.0	5.4				13	H	00.43	33.6				+		5.0			3.0		
	Z	09.47	48.9		0.7				2.2	3.3				13	Z	00.43	34.6		1.2				3.1			1.7		
12	A	09.50	43.9		0.9			+	6.9	4.7	2.9	3.1	13	A	00.45	47.0		1.2		+		4.6	3.0	3.7	3.2			
	H	09.50	43.6		0.7			-	4.9	5.4				13	H	00.45	46.6		0.9		-		5.0			4.7		
	Z	09.50	44.1		0.9			-	5.4	10.4				13	Z	00.45	47.3		1.0				5.8			2.8		
12	A	11.12	34.2		1.0			+	15.7	11.9	3.7	3.4	13	A	01.20	17.8		1.0				3.5	2.3	4.0	2.6			
	H	11.12	34.0		0.6				7.2	6.3				13	H	01.20			0.9		+		0.8			1.3		
	Z	11.12	34.9		1.1			-	7.9	5.9				13	Z	01.20	18.3		0.8		-		7.6			7.5		
12	A	11.15	09.4		1.1				5.7	3.7	3.2	3.2	13	A	03.30	48.6		1.7				5.9	2.4	7.4	3.6			
	H	11.15	09.0		0.6				9.0	5.9				13	H	03.30	49.4		2.2		+		2.7			3.8		
	Z	11.15	09.9						4.8	2.8				13	Z	03.30	48.4		1.3				7.6			3.8		
12	A	12.58	42.1		0.8				6.8	3.0	2.6	2.8	13	A	05.56	27.2		0.9		+		2.0	1.7	3.6	2.8			
	H	12.58	42.2		0.6			-	2.4	2.6				13	H	05.56	27.1		0.8		-		6.3			4.6		
	Z	12.58	42.5		0.8				2.8	1.7				13	Z	05.56	27.5		0.8		-		6.5			5.1		
12	A	12.58	53.6		1.1			+	5.0	5.7	3.2	3.0	13	A	06.12	55.6		1.0				1.9	2.1	5.2	2.8			
	H	12.58	53.2		0.5			+	3.8	4.3				13	H	06.12	55.6		1.0		-		1.7			3.4		
	Z	12.58			1.2				1.6	0.7				13	Z	06.12	55.8		1.0				7.4			4.4		
12	A	13.06	41.8		0.7			+	12.6	6.0	2.8	3.3	13	A	06.34	40.5		0.8				3.9	8.6	2.9	3.2			
	H	13.06	41.9		0.7			-	5.7	7.1				13	H	06.34	40.4		0.6		+		9.4			6.0		
	Z	13.06			0.7			-	5.1	2.7				13	Z	06.34	41.1		0.9		-		4.2			0.8		
12	A	14.37	10.2		0.7			+	6.8	3.4	3.4	3.0	13	A	07.38	42.8		0.4		-		1.8	2.5	2.7	2.0			
	H	14.37			0.7			-	3.8	5.0				13	H	07.38	43.5		1.0				0.7			0.5		
	Z	14.37	10.7		0.8			-	3.2	2.0				13	Z	07.38	43.6		0.7		-		1.4			0.8		
12	A	15.11	57.9		1.0			+	25.4	20.1	3.4	3.8	13	A	08.55	11.9		0.9				2.8	6.2	4.3	3.1			
	H	15.11	57.3		0.6			+	14.4	10.3				13	H	08.55	12.7		0.8				3.6			4.4		
	Z	15.11	58.4		1.0			-	9.5	8.4				13	Z	08.55	11.9		1.4		-		22.4			8.2		
12	A	15.20	47.6		0.9			+	11.0	9.6	3.3	3.1	13	A	08.59	13.1		0.7		-		9.4	17.4	3.8	3.8			
	H	15.20	47.3		0.6			+	5.0	3.1				13	H	08.59	13.9		1.2		-		8.8			15.2		
	Z	15.20	48.2		1.0			-	2.8	1.9				13	Z	08.59	13.2		0.6		+		25.4			33.6		
12	A	15.21	03.4		0.9			-	5.4	5.1	2.0	2.8	13	A	10.50	43.2		0.6		+		1.7	1.9	2.8	2.6			
	H	15.21	03.0		0.5			-	4.0	4.0				13	H	10.50	43.7		1.0		-		3.2			3.1		
	Z	15.21			0.9			-	3.2	3.7				13	Z	10.50	43.0		0.5		-		9.7			4.4		
12	A	17.31	57.7		1.0			+	1.4	1.2	3.8	2.7	13	A	11.41	17.6		0.6				3.5	3.1	2.1	2.8			
	H	17.31	57.7		1.0			-	2.7	3.3				13	H	11.41	18.2		1.0		-		3.6			4.0		
	Z	17.31	57.6		0.7			-	13.7	4.6				13	Z	11.41	17.6		0.4		-		9.2			2.7		
12	A	17.33	56.9		0.8			+	9.6	5.7	1.6	2.9	13	A	12.33	42.2		0.5		+		2.4	4.4	2.9	3.0			
	H	17.33	56.6		0.5			-	2.5	3.5				13	H	12.33	42.8		1.0		+		2.8			5.1		
	Z	17.33	57.2		0.8				1.6	1.2				13	Z	12.33	42.5		0.6		-		19.4			4.6		
12	A	20.30	08.9		0.9			+	61.3	51.2	5.4	4.3	13	A	12.44	01.7		0.6		+		2.9	1.5	3.4	2.7			
	H	20.30	09.2		0.9			-	15.5	20.8				13	H	12.44	02.6		1.0		+		1.7			2.8		
	Z	20.30			1.1			-	7.3	3.6				13	Z	12.44	02.0		0.6				6.8			3.1		
12	A	20.31	29.8		0.7			+	17.1	19.6	4.4	3.1	13	A	13.16	20.8		0.8				2.9	1.8	3.0	2.1			
	H	20.31	30.1		0.9			+	1.7	2.1				13	H	13.16	20.6		0.6				1.1			1.0		
	Z	20.31	30.4		1.0			-	3.3	1.7				13	Z	13.16	21.2		0.9		-		2.0			0.8		
12	A	20.31	32.9		0.7			+	36.8	32.8	4.8	3.1	13	A	14.19	01.1		0.6				7.4	6.6	2.8	3.0			
	H	20.31	33.2		1.0				9.3	20.6				13	H	14.19	01.9		1.0		-		4.0			3.7		
	Z	20.31	33.6		1.0			-	14.5	5.5				13	Z	14.19	01.1		0.5		-		13.0			13.1		
12	A	20.32	37.6		0.6			+	6.3	9.8	4.1	3.0	13	A	16.56	13.8		0.7		+		3.4	5.4	4.5	2.7			
	H	20.32	38.3		1.0				2.6	3.5				13	H	16.56	14.2		0.9		+		1.0			1.5		
	Z	20.32			0.9			-	10.6	3.2				13	Z	16.56	14.2		0.9		-		2.2			2.3		
12	A	20.42	21.9		0.6			+	4.7	5.3	4.1	2.7	13	A	17.13	07.5		0.7		+		9.6	7.0	3.8	3.4			
	H	20.42	22.7		1.0			+	1.6	1.9				13	H	17.13	08.3		1.1		+		5.1			8.0		
	Z	20.42	22.9		0.9			-	5.3	2.0				13	Z	17.13	07.7		0.6		-		15.4			7.8		
12	A	20.43	26.7		0.7			+	3.7	5.1	4.6	2.6	13	A	17.32	51.1		0.6		+		10.1	5.9	3.5	3.3			
	H	20.43	27.4		1.0			+	0.7	1.0				13	H	17.32	51.0		0.9				2.4			8.0		
	Z	20.43	27.7		1.0				2.8	0.9				13	Z	17.32	51.6		0.7		-		13.4			4.9		
12	A	21.03	32.6		0.7			+	14.3	13.8	4.4	3.2	13	A	19.00	47.3		1.3		-		16.4	42.0	6.2	4.2			
	H	21.03	33.0		0.9			+	3.7	3.0				13	H	19.00	46.7		0.9		+		12.8			15.9		
	Z	21.03			1.0			-	6.1	3.0				13	Z	19.00	47.6		1.4				7.8			6.2		
12	A	21.14	37.7		0.6			-	13.2	13.1	3.5	2.9	13	A	19.53	24.9		0.4				4.9	5.2	2.0	2.9			
	H	21.14	38.5		0.8			+	1.6	1.7				13	H	19.53	25.5		1.0		-							

Aug. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
13	A	23.30	07.2		1.1			-	0.9	1.1	5.8	2.4
	H	23.30	06.8		0.8				1.4	1.1		
	Z	23.30	07.8		1.3				0.9	0.6		
14	A	00.28	51.1		1.3			+	2.0	1.6	1.8	2.8
	H	00.28	50.8		0.7				3.4	4.1		
	Z	00.28	51.4		1.2				3.0	1.3		
14	A	01.01	24.6		1.0			-	1.8	3.2	4.2	2.9
	H	01.01	24.1		0.7				5.3	5.2		
	Z	01.01	24.8		1.1			+	2.0	1.3		
14	A	01.34	37.6		0.5			+	8.3	11.3	2.7	3.3
	H	01.34	37.1		0.7			-	12.1	13.0		
	Z	01.34	37.9		0.8			-	9.5	5.4		
14	A	01.41	42.4		0.8			-	33.6	62.0	5.2	4.7
	H	01.41	43.1		1.4			-	29.6	46.0		
	Z	01.41	42.8		1.1			+	30.0	18.5		
14	A	01.42	16.1		0.9			-	2.0	3.1	6.1	2.7
	H	01.42	16.9		1.1			-	0.8	1.2		
	Z	01.42			1.2					7.4		
14	A	01.48			0.8			-	8.8	7.7	4.1	3.3
	H	01.48	55.3		1.3			-	3.8	4.4		
	Z	01.48	54.4		0.6			+		10.3		
14	A	02.10	12.3		0.8			+	1.4	2.3	4.4	2.5
	H	02.10	13.1		1.3				0.9	1.1		
	Z	02.10	12.4		0.7			+	6.7	8.8		
14	A	02.16	37.1		0.5			+	13.5	11.0	2.3	3.1
	H	02.16	37.7		0.8			-	4.8	4.9		
	Z	02.16	37.8		0.6			-	5.9	10.0		
14	A	02.50	27.1		0.6			+	10.6	4.8	2.8	3.2
	H	02.50	27.9		1.3			+	3.6	3.2		
	Z	02.50	27.0		0.6				14.0	11.9		
14	A	03.42			0.9			-	1.7	3.4	2.3	2.5
	H	03.42	55.5		0.5				2.2	1.8		
	Z	03.42	56.6		1.0			+	0.6			
14	A	03.56	00.0		0.9			-	2.9	3.0	3.4	3.0
	H	03.56	01.3		1.6				3.6	3.4		
	Z	03.56	00.1		0.7			+	10.0	9.6		
14	A	04.05	03.0		0.8				32.0	27.0	3.2	4.1
	H	04.05	03.6		1.4				10.0	12.0		
	Z	04.05	02.7		0.5							
14	A	04.05	43.4		0.5			-	7.5	10.0	2.5	3.2
	H	04.05			1.1				4.0	5.6		
	Z	04.05	43.1		0.6					13.6		
14	A	04.05	44.7		0.6			-	7.4	10.6	3.7	3.3
	H	04.05			0.8				9.2	8.8		
	Z	04.05	44.6		0.9					21.1		
14	A	05.18	36.8		0.4			+	3.4	4.0	2.0	2.5
	H	05.18	36.9		0.9			-	1.7	2.1		
	Z	05.18			0.5					21.4		
14	A	07.49			0.8			+	5.3	3.7	4.3	2.7
	H	07.49	14.0		0.9			-	1.6	1.4		
	Z	07.49	14.3		0.8					2.0		
14	A	13.33	57.6		0.4			-	5.2	3.3	2.2	2.6
	H	13.33	58.3		0.9				2.4	2.7		
	Z	13.33	57.9		0.6			-	4.2	5.2		
14	A	13.40	52.6		0.8			-		2.8	3.4	2.7
	H	13.40			0.7			+	1.9	4.6		
	Z	13.40	53.2		1.2			-	2.2	1.0		
14	A	13.59	22.3		1.2			-	1.0	1.4	1.7	2.6
	H	13.59	21.7		0.8				2.2	1.9		
	Z	13.59	22.3		0.9			+	1.6	1.5		
14	A	14.48	59.0		0.8			-	25.1	12.1	2.4	3.6
	H	14.48	58.8		0.7				9.0	9.6		
	Z	14.48	58.9		0.7			-		13.8		
14	A	14.57	21.3		0.8				7.5	4.9	0.8	2.9
	H	14.57	21.2		0.6				1.9	2.8		
	Z	14.57	21.7		0.6			-	3.8	2.1		
14	A	15.26	47.9		0.6			-	1.5	2.1	3.5	2.6
	H	15.26	48.2		0.9				2.2	3.1		
	Z	15.26	48.2		0.7			-	5.9	3.8		
14	A	16.00	08.7		0.4				6.0	7.0	2.1	2.6
	H	16.00	09.4		0.8				1.9	1.6		
	Z	16.00	09.2		0.7			-	1.4	1.0		
14	A	16.47	55.0		0.7				1.8	1.8	2.4	2.3
	H	16.47	55.1		0.7				1.4	1.9		
	Z	16.47	55.4		0.7				2.5	1.3		
14	A	17.14	03.8		0.8						1.5	2.6
	H	17.14	03.4		0.6							
	Z	17.14			1.0							
14	A	17.38	20.3		0.8				2.2	2.7	1.1	2.5
	H	17.38	19.6		0.4			-	3.1	3.7		
	Z	17.38	20.7		0.9				0.6	0.6		
14	A	18.05	59.8		1.0				13.7	4.2	12.5	12.4
	H	18.05	58.8					-				
	Z	18.05	59.7		0.9			-	1.4	1.6		
14	A	18.46	55.2		0.9				6.5	2.6	10.8	9.6
	H	18.46	54.3		0.5			-				
	Z	18.46	55.4		0.9				2.4	1.3		
14	A	18.49	09.8		0.9				4.4	2.5	7.7	7.4
	H	18.49	09.0		0.4							
	Z	18.49	10.0		1.0				1.4	1.0		
14	A	19.25	03.5		0.8				4.0	3.0	2.1	2.7
	H	19.25	04.5		0.9				1.7	1.3		
	Z	19.25	04.1		0.5				6.7	2.9		
14	A	19.57	31.3		0.5			-	32.4	39.2	27.3	26.8
	H	19.57	32.0		0.8							
	Z	19.57	32.0		0.9					20.6		
14	A	20.21	50.2		1.2				1.3	2.3	2.2	3.4
	H	20.21	49.2		0.9				2.2	3.4		
	Z	20.21	50.4		1.0				1.2	1.0		
14	A	20.55	49.8		0.4				2.5	3.7	3.0	4.2
	H	20.55	50.2		0.9			-	3.0	4.2		
	Z	20.55	50.2		0.7			-	3.6	3.7		
14	A	21.13	17.5		0.5				2.4	3.0	4.8	7.0
	H	21.13	18.0		0.9				4.8	7.0		
	Z	21.13	18.1		0.6				4.2	6.7		
15	A	01.07	16.9		0.3				5.8	5.2	1.1	2.2
	H	01.07	17.5		0.8				0.8	0.9		
	Z	01.07	17.1		0.5				2.4	4.8		
15	A	01.50	20.5		0.5				5.9	6.0	2.7	2.7
	H	01.50	21.2		0.8				1.8	3.0		
	Z	01.50	20.7		0.7			-	1.4	1.9		
15	A	05.06	35.1		0.5				4.1	4.1	2.9	2.1
	H	05.06	35.4		0.9				0.4	0.4		
	Z	05.06			0.6				2.3	1.0		
15	A	05.33	50.4		0.6			-	8.5	4.6	2.3	3.2
	H	05.33	51.2		1.3		+		3.7	3.4		
	Z	05.33	49.8		0.6				4.1	2.9		
15	A	06.27	50.0		0.8				10.0	7.6	3.8	3.5
	H	06.27	50.6		1.1				8.0	11.6		
	Z	06.27	49.9		0.6			-	19.3			
15	A	11.49	49.0		1.2			-	1.9	1.4	4.1	2.8
	H	11.49	48.3		0.8			+	2.9	3.6		
	Z	11.49	49.2		1.1				3.1	2.2		
15	A	13.16	59.0		0.8				20.6	22.6	5.4	3.9
	H	13.16	59.7		1.1		+		5.6	12.0		
	Z	13.16	59.5		1.2		-		10.0	3.3		
15	A	13.29	52.0		0.7				2.9	4.0	4.6	2.7
	H	13.29	52.3		1.0				1.3	1.8		
	Z	13.29	52.5		1.1				1.6	0.5		
15	A	13.44	13.8		0.6				1.7	2.0	3.7	2.1
	H	13.44	14.7		1.1				0.6	0.4		
	Z	13.44	13.5		0.7				4.0	2.0		
15	A	14.50	35.9		0.5				1.8	2.7	2.6	2.5
	H	14.50	36.2		0.9				1.9	3.2		
	Z	14.50	35.6		0.6			-	8.3	4.0		
15	A	16.56	57.9		0.6			-	4.8	3.6	3.2	2.8
	H	16.56	58.0		0.9				2.3	2.8		
	Z	16.56	57.9		0.6				5.7	3.9		
15	A	17.42	02.3		0.6				15.5	13.1	4.0	3.0
	H	17.42	02.7		0.9		+		1.4	2.2		
	Z	17.42	02.7		0.9		-		3.7	2.4		
15	A	19.09	17.7		0.4				3.8	4.7	2.6	2.2
	H	19.09	18.2		1.0				0.6	0.5		
	Z	19.09	17.3		0.6				3.5	3.4		
15	A	19.31	53.8		0.6				2.1	2.3	2.6	2.4
	H	19.31	54.0		0.9		-		1.7	1.6		
	Z	19.31	53.5		0.5				5.1	1.8		
15	A	20.54	23.8		1.0				8.3	4.4	5.5	3.4
	H	20.54	23.5		1.0		-		7.9	6.6		
	Z	20.54	23.5		1.0				7.9	7.9		

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

109

Aug. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude			Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S							E	N	U		E-W	N-S					
15	A	20.54	26.5		1.0				6.0	3.4					16	A	17.46	46.3		0.5			-	3.1	2.5		
	H	20.54	26.7		0.5			4.9	7.2	2.3	3.1			H		17.46	46.9		1.2			+	1.2	1.0	1.1	2.4	
	Z	20.54	26.2		1.0				13.0					Z		17.46	46.2		0.4			-	3.7	3.0			
15	A	22.09	44.0		0.7				1.6	1.8					16	A	18.01	00.0		0.6				6.6	6.6		
	H	22.09	44.2		0.9			1.0	1.6	3.5	2.3			H		18.01	00.7		0.9				3.7	3.3	2.9	3.1	
	Z	22.09	44.1		0.7			2.4	1.3					Z		18.00	59.9		0.6			-	9.8	10.2			
15	A	22.14	47.7		0.6				2.8	2.2					16	A	18.01	17.0		0.6				4.1	2.9		
	H	22.14	48.0		0.9			4.4	4.9	3.7	2.8			H		18.01	17.6		0.8			-	2.7	2.6	3.2	2.6	
	Z	22.14	48.0		0.7		-	6.0	2.0					Z		18.01	16.7		0.7			-	6.2	4.4			
15	A	22.46	05.8		0.9				2.4	2.3					16	A	18.28	30.1		0.4			+	4.0	4.7		
	H	22.46	04.6		0.6		-	2.8	3.1	3.7	2.7			H		18.28	30.7		0.9				5.1	5.2	2.7	2.8	
	Z	22.46	05.9		1.2			0.8	0.8					Z		18.28	30.1		0.7				6.9	3.2			
15	A	22.57	30.8		0.8				5.7	2.9					16	A	19.12	28.1		0.6			+	4.4	6.8		
	H	22.57	30.9		0.9			1.3	1.6	2.4	3.0			H		19.12	29.0		1.2				1.2	1.4	2.8	3.4	
	Z	22.57	30.3		0.5			5.8	5.5					Z		19.12	27.8		0.5				6.8	3.5			
15	A	23.22	22.6		1.0				3.8	3.2					16	A	19.39	44.7		0.9				1.2	2.6		
	H	23.22	22.2		0.5			1.5	0.8	2.1	2.5			H		19.39	44.0		0.6			+	1.2	2.6	3.8	2.1	
	Z	23.22	22.9		1.0			0.8	1.2					Z		19.39	44.9		1.1			-	0.8	0.5			
15	A	23.31	58.5		0.8				3.6	2.4					16	A	21.41	23.3		1.2			-	1.8	2.2		
	H	23.31	58.7		1.0			1.9	2.4	2.9	2.8			H		21.41	24.2		1.8			-	1.2	1.2	2.2	2.8	
	Z	23.31	58.2		0.5			12.0	5.6					Z		21.41	22.8		0.9				8.2	4.4			
16	A	00.32	04.4		0.9		+		17.3	6.9				16	A	23.00	39.3		0.8				2.5	2.8			
	H	00.32	04.6		1.0		-		3.3	4.0	2.0	3.5			H	23.00	39.5		0.6			-	1.9	2.0	2.3	2.4	
	Z	00.32	03.8		0.5		+		61.0	28.4					Z	23.00	39.7		0.8				0.8	0.4			
16	A	00.54	22.8		0.8				3.0	4.9				16	A	23.11	48.5		0.6			+	5.1	5.9			
	H	00.54	23.4		1.0			0.8	1.5	2.6	2.7				H	23.11	49.3		1.3				4.0	4.4	2.6	3.1	
	Z	00.54	22.3		0.5				6.6						Z	23.11	48.3		0.5			+	6.5	7.2			
16	A	01.10	52.7		0.6				2.8	1.4				16	A	23.12	59.5		0.5			+	4.4	3.3			
	H	01.10	53.0		0.7		-		1.9	1.3	2.5	2.4			H	23.12	59.9		0.6			-	2.0	2.3	1.9	2.5	
	Z	01.10	52.6		0.7			7.9	4.4						Z	23.12	59.7		0.7			-	2.2	2.0			
16	A	01.36	07.6		0.8		+		5.8	5.0				17	A	01.17	47.2		0.8				2.3	3.2			
	H	01.36	08.0		1.0		-		1.4	1.7	2.9	2.8			H	01.17	47.4		0.7			-	2.6	3.1	3.0	2.7	
	Z	01.36	06.9		0.5										Z	01.17	47.7		0.8			-	1.8	1.8			
16	A	02.46	05.7		0.6		+		43.8					17	A	01.19	45.8		0.7			+	2.2	2.3			
	H	02.46	06.6		1.0			6.8	7.6	3.9	3.8				H	01.19	46.1		1.0			-	0.7	0.8	3.5	2.3	
	Z	02.46	06.2		0.7		-								Z	01.19	45.3		0.6			-	11.1	7.8			
16	A	02.56	56.0		0.8				1.8	2.2				17	A	03.24	20.6		0.8			-	1.3	2.1			
	H	02.56	55.1		0.6		-		2.6	2.2	2.1	2.5			H	03.24	20.9		1.1			+	0.7	0.8	5.0	2.4	
	Z	02.56	55.8		0.8		-		1.0	0.7					Z	03.24	21.4		1.3			-	0.5	0.2			
16	A	03.18	28.1		0.5		-		5.2	6.8				17	A	03.51	00.5		0.7			+	5.0	10.0			
	H	03.18	28.8		0.8			4.2	5.4	2.5	3.0				H	03.51	00.5		0.9			-	4.2	6.3	4.3	3.3	
	Z	03.18	28.4		0.6			6.7	5.2						Z	03.51	00.0		0.9			-	26.5	10.1			
16	A	03.34	34.9		0.7				1.3	1.6				17	A	03.56	12.5		1.0				3.9	2.5			
	H	03.34	34.9		0.8		+		2.8	4.4	2.4	2.6			H	03.56	12.4		1.0			-	3.2	5.2	4.5	3.1	
	Z	03.34	35.1		0.6		-		3.2	1.9					Z	03.56	12.5		0.8			-	7.2	4.2			
16	A	03.37	18.6		0.7				2.9	1.8				17	A	04.21	04.0		0.7			+	1.7	1.4			
	H	03.37	18.7		0.8		-		2.1	2.6	1.3	2.6			H	04.21	03.8		0.6			-	1.1	2.8	2.9	2.4	
	Z	03.37	18.7		0.5			4.5	2.0						Z	04.21	04.5		0.9			-	0.6	0.3			
16	A	06.39	52.0		1.1				1.9	1.8				17	A	04.37	34.8		0.7				1.6	2.0			
	H	06.39	51.6		0.9		-		3.0	3.3	4.4	2.8			H	04.37	35.0		1.0			+	1.6	1.4	2.7	2.4	
	Z	06.39	51.8		1.0			8.9	3.7						Z	04.37	34.2		0.5			-	13.8	3.7			
16	A	07.39	09.0		0.7		+		9.2	7.4				17	A	05.19	28.3		0.7				10.3	11.2			
	H	07.39	09.6		0.9			1.0	1.5	4.3	2.9				H	05.19	28.3		1.0				5.4	4.9	3.8	3.3	
	Z	07.39	09.3		0.8		-		5.8	2.2					Z	05.19	29.0		1.2				2.2	2.0			
16	A	12.53	51.6		0.6		+		2.4	1.6				17	A	07.35			0.7				2.0	3.6			
	H	12.53	51.8		0.6		-		2.5	1.6	1.9	2.4			H	07.35	26.2		0.9				0.5	0.5	4.3	2.2	
	Z	12.53	51.9		0.7		-		1.5	0.7					Z	07.35	25.9		0.9				1.6	0.8			
16	A	13.16	17.2		1.4		+		20.8	23.8				17	A	10.49	13.0		0.5			+	5.9	7.8			
	H	13.16	18.0		1.9		+		10.6	16.5	3.2	4.2			H	10.49	13.6		1.0			+	1.0	0.8	3.4	2.6	
	Z	13.16	16.9		1.2			23.0	10.0						Z	10.49			0.8			-	6.9	2.2			
16	A	15.01	23.2		0.4		+		9.0	12.8				17	A	01.32	38.2		0.5				4.5	3.0			
	H	15.01	23.8		1.0		-		6.6	5.7	2.5	3.2			H	01.32	38.5		1.0			+	1.0	0.8	3.3	2.4	
	Z	15.01	22.9		0.6		-		13.0	7.2					Z	01.32	38.3		0.7			-	2.8	2.0			
16	A	15.39	09.5		0.5		+		1.1	3.2				17	A	11.54			0.7				4.4	3.1			
	H	15.39	09.7		0.6			1.8	1.9	2.3	2.4				H	11.54	31.9		0.9				3.9	8.4	4.5	3.1	
	Z	15.39	09.9		0.9			1.9	0.7						Z	11.54	32.0		1.0			-		3.4			
16	A	16.14	39.2		0.8		+		1.7	4.3				17	A	14.26	12.0		0.6				5.2	11.4			
	H	16.14	39																								

Aug. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude	Date	Station	P Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S					E	N	U		E-W	N-S					
17	A H Z	21.54	11.8		0.7				3.6	3.0			18	A H Z	08.43	02.0					14.4	18.3			
		21.54	12.1		1.0				2.3	2.7	2.5	2.8			08.43	01.8	1.5			7.1	7.2		3.6		
		21.54	11.5		0.5				9.9	4.3					08.43	01.6	1.5			4.7	2.4				
17	A H Z	22.32	26.8		0.7				11.1	4.2			18	A H Z	08.50	40.3	0.4			4.0	3.1				
		22.32	26.6		0.7		+		5.3	6.3	2.9	3.2			08.50	39.1	1.0			2.8	4.0	2.8	2.7		
		22.32	27.0		0.7		-		14.0	13.5					08.50	39.1	0.8			3.2	2.3				
17	A H Z	22.34	38.1		0.7				7.2	4.2			18	A H Z	08.50	47.5	0.7			3.1	1.8				
		22.34	38.7		1.0		+		3.8	4.4	4.0	3.1			08.50	47.5	1.0			1.0	1.3	3.1	2.5		
		22.34	38.3		0.8		-		11.4	2.9					08.50	47.0	0.5			8.5	9.0				
18	A H Z	00.37	20.0		0.8				4.3	2.4			18	A H Z	08.56	24.1	0.7			4.6	3.5				
		00.37	20.0		1.0				1.4	1.2	2.8	2.7			08.56	24.5	1.0			0.6	1.4	4.7	2.7		
		00.37	19.5		0.5				19.7	10.2					08.56	24.1	0.9			1.7	1.0				
18	A H Z	00.38	49.8		0.7				15.6	14.8			18	A H Z	10.11	40.1	0.7			18.7	11.9				
		00.38	50.2		1.0		-		9.6	16.0	2.8	3.7			10.11	41.1	1.0			8.0	9.0	4.5	3.6		
		00.38	49.6		0.5				39.2	38.0					10.11	40.4	0.8		-		8.6				
18	A H Z	00.49	49.7		0.8				6.4	5.2			18	A H Z	10.43	26.4	0.4			2.4	2.5				
		00.49	50.0		1.0				3.2	3.9		3.1			10.43	26.9	1.0			0.5	0.3	2.8	2.0		
		00.49	49.1		0.5		+			16.7					10.43	26.6	0.7		-	1.0	1.0				
18	A H Z	01.08	36.7		1.0				12.4	9.1			18	A H Z	11.09	42.6	0.6			5.5	3.6				
		01.08	37.0		1.1		-		7.4	7.5	1.2	3.6			11.09	43.4	1.2			1.3	1.2	3.7	2.7		
		01.08	36.2		0.5				21.9						11.09	42.5	0.7			3.0	3.6				
18	A H Z	01.10	35.6		0.7				2.4	1.4			18	A H Z	11.10	12.9	0.5			2.2	1.3				
		01.10	35.4		1.1		-		1.6	1.3	3.7	2.5			11.10	13.6	0.9			0.6	0.4	2.5	1.9		
		01.10	34.9		0.6				2.7	1.2					11.10	13.0	0.6			2.0	1.7				
18	A H Z	01.38	04.4		0.4				3.0	2.1			18	A H Z	11.11	16.7	0.6			3.6	2.6				
		01.38	05.0		0.9				0.8	0.8	2.6	2.2			11.11	17.8	1.2			0.7	0.8	3.5	2.4		
		01.38	04.8		0.7		-		1.9	1.2					11.11	16.9	0.8		+	2.6	1.1				
18	A H Z	02.13	00.8		0.8				2.4	1.7			18	A H Z	12.11	37.6	1.1			0.8	0.6				
		02.13	01.0		1.0		-		1.6	2.4	5.2	2.6			12.11	38.1	1.2		+	2.0	2.0	4.5	2.5		
		02.13	01.0		1.0				16.2	7.2					12.11	37.0	0.8		+	19.0	10.8				
18	A H Z	02.56	00.7		0.7				3.8	2.2			18	A H Z	14.54	07.9	0.9			2.0	3.0				
		02.56	01.1		1.1				2.3	3.5	3.8	2.9			14.54	07.6	0.7			3.0	2.5	2.9	2.7		
		02.56	00.6		0.6		-								14.54	07.9	0.9			3.4	2.3				
18	A H Z	03.57	00.7		0.7		-		4.4	5.0			18	A H Z	14.54	40.7	0.6			4.2	2.0				
		03.57	01.0		1.0				1.4	1.6	4.6	2.7			14.54	41.3	0.8			0.6	1.2	3.4	2.4		
		03.57	01.1		1.1		-		1.7	0.9					14.54	41.0	0.8			1.5	0.6				
18	A H Z	05.02	10.4		0.4				3.3	2.8			18	A H Z	14.55	22.6	0.9			3.4	4.7				
		05.02	10.8		1.0				0.4	0.4	2.1	1.9			14.55	22.5	0.7			5.4	4.7	3.3	3.0		
		05.02	10.5		0.5		-		2.3	2.7					14.55	22.7	0.9		-	5.4	5.3				
18	A H Z	05.57	39.8		0.9				7.0	10.0			17	A H Z	15.37	41.9	0.7			9.7	6.2				
		05.57	39.1		0.6		+		16.0	14.6		3.4			15.37	41.8	0.8		-	3.5	6.4	3.8	3.2		
		05.57	39.9				-		2.7	2.3					15.37	41.6	0.8		-	11.0	3.5				
18	A H Z	06.08	08.3		0.7				3.9	3.8			18	A H Z	16.24	31.0	0.5			6.6	3.1				
		06.08	09.5		1.6				1.7	2.2	2.0	2.9			16.24	32.1	1.3			0.8	0.4	2.3	2.6		
		06.08			1.1				1.7	1.1					16.24	31.2	0.9			1.2	1.0				
18	A H Z	06.11	48.4		0.7		+		3.6	5.1			18	A H Z	18.11	20.6	0.7			1.4	1.4				
		06.11	48.8		1.4		-		1.4	0.7	2.8	2.8			18.11	20.9	0.8			1.4	2.9	3.1	2.4		
		06.11	48.0		0.6		-		18.1	10.0					18.11	21.0	0.7		-	2.7	1.0				
18	A H Z	06.18	36.5		1.1				3.4	5.0			18	A H Z	18.38	56.5	1.2			2.5	3.2				
		06.18	36.6		1.2		-		4.6	4.3	6.7	3.2			18.38	55.9	0.9			3.6	3.1	5.3	2.9		
		06.18	37.2		1.5		-		3.0	2.5					18.38	56.5	1.2			1.5	0.7				
18	A H Z	07.19	09.7		0.7				3.3	4.2			18	A H Z	18.44	33.1	1.0			33.6	21.2				
		07.19	09.7		0.9		+		0.7	1.6	4.3	2.7			18.44	32.4	0.7		+	35.8	16.7	2.3	4.3		
		07.19	09.7		0.9		-		1.0						18.44	33.2	0.9		-	7.1	4.2				
18	A H Z	07.30	49.1		0.8				8.3	4.7			18	A H Z	19.14	13.7	0.9			12.1	7.0				
		07.30	48.9		0.8		-		5.8	5.3	3.9	3.2			19.14	13.1			-	8.5	7.0		3.3		
		07.30	49.4		0.8		-		9.0	3.0					19.14	13.7	0.7		-	3.2	2.2				
18	A H Z	07.38	49.5		1.0				7.4	8.3			18	A H Z	19.21	07.1	0.8			1.9	0.6				
		07.38	49.0				-		10.8	6.4		3.3			19.21	06.6	0.5		-	2.2	3.0	1.0	2.4		
		07.38	49.5		0.9		-		11.2	5.1					19.21	07.3	0.8			0.6	0.8				
18	A H Z	08.19	41.2		0.5				6.8	8.3			18	A H Z	19.23	31.3	0.9			2.5	2.0				
		08.19	42.4		0.8				4.3	4.8	2.5	3.0			19.23	30.8	0.6			1.6	2.3	2.3	2.5		
		08.19	41.6		0.6										19.23	31.4	0.9			1.8	1.5				
18	A H Z	08.35	21.0		0.7				6.0																

**Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966**

111

Aug. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
18	A	21.37	55.4	0.9					1.6	2.6	2.1	2.4
	H	21.37	54.9	0.5				1.4	2.0			
	Z	21.37	55.6	0.9			+	3.0	3.1			
18	A	22.08	25.9	0.5					1.6	1.6	2.5	2.2
	H	22.08	26.1	0.8				2.0	2.1			
	Z	22.08	25.6	0.6			+	3.2	1.9			
18	A	23.24	04.9	0.9					4.0	1.2	2.1	2.9
	H	23.24	04.1	0.4			-	9.2	8.6			
	Z	23.24	05.2	1.0			-	1.5	1.0			
19	A	00.40	06.5	0.7					10.5	9.3	3.1	3.2
	H	00.40	07.0	1.0			-	4.1	3.2			
	Z	00.40	06.4	0.5			+					
19	A	01.48	47.1	1.0					3.0	1.8	2.9	
	H	01.48	46.7	0.8				4.1	4.6			
	Z	01.48	47.2	0.7			-	5.5	1.8			
19	A	01.57	42.1	0.6					4.4	4.1	3.6	3.0
	H	01.57	42.4	1.2				3.7	4.0			
	Z	01.57	41.8	0.6			-	17.0	5.2			
19	A	02.07	17.7	0.9					1.4	0.8	2.9	2.4
	H	02.07	17.8	0.9			-	1.1	1.4			
	Z	02.07	17.3	0.6			-		7.2			
19	A	03.48	42.8	0.6					6.0	5.4	3.1	3.2
	H	03.48	43.4	1.1			-	5.4	6.0			
	Z	03.48	42.8	0.5			-		17.2			
19	A	04.42	22.8	0.7					7.9	5.8	3.3	3.5
	H	04.42	23.6	1.1				9.2	12.1			
	Z	04.42	22.9	0.5			-	17.0	10.2			
19	A	05.25	07.0	1.0					2.4	3.0	3.0	2.8
	H	05.25	06.7	0.7				3.5	3.3			
	Z	05.25	07.4	0.9			-	3.9	3.1			
19	A	05.49	23.3	0.8					3.6	5.6	4.7	2.8
	H	05.49	24.4	1.3			-	1.3	1.4			
	Z	05.49	23.4	0.7			+	7.0	5.1			
19	A	07.05	36.4	0.9					5.0	2.8	3.9	2.8
	H	07.05	36.4	1.1				1.3	0.7			
	Z	07.05	36.0	0.6			-	5.8	4.6			
21	A	09.57	15.5	0.6					3.1	3.4	2.1	1.9
	H	09.57	16.1	0.6				0.4	0.3			
	Z	09.57	16.0	0.7				6.0	1.8			
21	A	10.19	34.0	0.7					3.4	2.1	2.0	2.5
	H	10.19	34.0	0.6				2.2	2.6			
	Z	10.19	34.3	0.7				2.6				
21	A	10.55	29.1	0.9					1.9	2.3	5.5	2.8
	H	10.55	29.3	1.0				1.6	3.4			
	Z	10.55	30.1	1.3				2.0	1.0			
21	A	11.02	40.9	1.0					4.3	8.5	0.8	3.6
	H	11.02	41.0	1.3				5.4	7.8			
	Z	11.02	40.6	0.3								
21	A	11.48	52.8	0.7					5.7	5.2	2.7	2.9
	H	11.48	52.7	0.8			-	2.6	4.0			
	Z	11.48	53.2	0.6			+	10.2	6.8			
21	A	12.02	34.9	0.8					7.1	5.7	3.6	3.2
	H	12.02	34.6	0.8			-	5.7	5.8			
	Z	12.02	35.2	0.8			+	3.0	2.0			
21	A	12.04	09.2	1.3					3.2	3.2	6.2	3.5
	H	12.04	09.1	1.4				10.2	9.5			
	Z	12.04	09.1	1.0			+	22.1	6.0			
21	A	15.28	03.2	1.0					3.1	3.8	4.5	3.1
	H	15.28	03.2	1.1			-	4.0	4.7			
	Z	15.28	02.8	0.8			-		8.8			
21	A	15.29	39.4	1.1					8.6	10.4	3.6	3.8
	H	15.29	39.3	1.4				11.0	9.8			
	Z	15.29	38.8	0.6								
21	A	16.38	59.3	0.5					3.7	2.4	3.0	2.6
	H	16.39	00.0	1.0				1.2	1.8			
	Z	16.38	59.4	0.6			-	7.2	4.4			
21	A	16.55	12.3	0.8					3.0	2.2	3.3	2.7
	H	16.55	12.2	0.7				3.4	4.0			
	Z	16.55	12.4	0.8			-	7.2	4.3			
21	A	17.57	31.1	0.6					5.1	7.6	2.9	2.9
	H	17.57	31.1	0.8				2.6	3.6			
	Z	17.57	31.6	0.7			-	3.5	2.2			
21	A	19.08	53.8	1.2					2.4	2.0	6.3	3.0
	H	19.08	53.8	1.2				3.7	4.3			
	Z	19.08	53.3	1.0			-	4.3	5.1			
21	A	21.11	14.0	1.1					1.4	1.4	1.8	2.5
	H	21.11	14.4	1.0				1.5	1.4			
	Z	21.11	13.6	0.7				3.0	5.5			
21	A	21.40	45.5	0.9			+		3.3	8.4	4.5	3.3
	H	21.40	45.1	0.7				6.1	6.9			
	Z	21.40	45.9	1.2			-	2.6	1.4			
21	A	22.42	49.7	0.7					8.4	11.8	3.1	3.2
	H	22.42	49.8	0.7				2.0	4.8			
	Z	22.42	50.2	0.8			-	2.0	1.8			
21	A	23.06	07.3	1.2					1.0	0.8	1.1	2.5
	H	23.06	08.1	1.8				0.8	0.4			
	Z	23.06	06.6	0.7			-	3.3	2.4			
21	A	23.58	30.9	0.7					2.3	5.8	2.8	2.7
	H	23.58	30.8	0.6				3.3	2.8			
	Z	23.58	31.0	0.9				3.2	0.8			
22	A	02.28	26.5	0.8					10.2	5.6	4.1	3.2
	H	02.28	26.6	0.9				2.4	3.6			
	Z	02.28	26.8	0.8			-	4.8	1.7			
22	A	02.42	58.3	0.9					28.1	26.0	5.2	4.2
	H	02.42	58.2	1.0			+	25.4	25.6			
	Z	02.42	58.3	0.9			-	12.5				
22	A	02.49	16.1	0.7					4.9	3.3	3.8	2.6
	H	02.49	16.3	0.9				1.1	1.2			
	Z	02.49	16.6	0.7				1.9	1.2			
22	A	02.57	51.0	1.4			-		1.6	1.3		2.9
	H	02.57	51.4	1.8				1.4	1.0			
	Z	02.57	50.3					1.9	1.8			
22	A	03.04	52.2	0.7					7.9	14.5	4.8	3.3
	H	03.04	52.6	1.0				3.8	3.0			
	Z	03.04	52.9	1.0			-	4.8	1.1			
22	A	03.32	56.2	0.5					5.0	3.2	2.3	2.6
	H	03.32	56.7	0.7				1.4	2.8			
	Z	03.32	56.6	0.7			-	3.3	0.8			
22	A	03.40	46.0	1.5					3.0	4.6	8.2	3.3
	H	03.40	46.5	2.0				1.4	1.6			
	Z	03.40	45.7	1.3			+	4.2	3.6			
22	A	03.59	54.2	0.7					13.0	32.4	4.7	3.7
	H	03.59	54.3	1.0			+	3.8	6.1			
	Z	03.59	54.7	1.1			-	4.7	2.8			
22	A	07.06	46.0	0.8					4.0	3.0	2.5	2.7
	H	07.06	46.5	1.0				1.6	1.7			
	Z	07.06	45.6	0.5				33.1				
22	A	07.07	03.3	0.7			+		1.8	1.6	2.7	2.4
	H	07.07	03.6	1.0				1.2	1.6			
	Z	07.07	02.7	0.5			-					
22	A	07.14	46.1	0.7					5.0	4.4	4.1	3.2
	H	07.14	46.5	1.1			+	6.5	7.5			
	Z	07.14	45.9	0.7			-					
22	A	07.55	39.9	0.5					20.2	32.8	3.5	3.5
	H	07.55	40.3	1.0			+	5.0	4.8			
	Z	07.55	40.2	0.8			-	4.5	4.3			
22	A	07.57	48.5	1.2					2.9	3.4	6.4	3.2
	H	07.57	48.1	1.1				6.0	5.8			
	Z	07.57	48.2	1.1			+	15.8	5.1			
22	A	08.01	11.1	0.5					16.3	20.8	3.5	3.4
	H	08.01	11.6	1.0			+	3.4	5.4			
	Z	08.01	11.4	0.8				2.8	2.8			
22	A	08.46	55.2	0.5					2.7	1.6	2.6	2.3
	H	08.46	55.5	1.0				0.9	0.7			
	Z	08.46	55.6	0.5				2.9	1.0			
22	A	08.53	31.9	1.0			-		2.2	1.0	2.1	
	H	08.53		0.8				0.4	0.5			
	Z	08.53	31.3					2.4	3.3			
22	A	10.24	11.4	0.6					5.2	9.4	2.8	2.8
	H	10.24	11.7	0.8			+	1.8	2.0			
	Z	10.24		0.7				1.6	2.0			
22	A	10.56	20.1	0.9					13.7	7.5	1.9	3.7
	H	10.56	20.9	1.3			-	6.4	10.4			
	Z	10.56	19.7	0.3			+	11.6				
22	A	10.57	13.1	1.6			+		4.9	4.2	8.7	3.5
	H	10.57	13.4	2.0			+	4.0	2.6			
	Z	10.57	12.7	1.3			+	7.0				
22	A	12.09	14.8	1.1			+		1.8	1.6	3.6	2.7
	H	12.09	15.2	1.1			-	1.4	2.3			
	Z	12.09	14.2	0.7				10.0				

Aug. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
22	A	12.17	00.4		0.3				16.2	14.9	1.7	2.6
	H	12.17	00.9		1.0			1.0	0.7			
	Z	12.17	00.6		0.7			1.8	1.4			
22	A	12.50	18.2		1.0				2.8	1.8	4.6	2.8
	H	12.50	18.0		0.9	-		2.0	3.0			
	Z	12.50	17.9		0.9	-		14.4	5.5			
22	A	12.51	50.8		1.1				4.0	2.5	4.3	3.2
	H	12.51	50.6		0.9			6.7	4.5			
	Z	12.51	50.7		0.9			9.6	3.9			
22	A	14.46	24.6		0.7				3.0	1.6	2.8	2.5
	H	14.46	24.7		0.7	-		1.5	2.8			
	Z	14.46			0.8			1.9	1.8			
22	A	15.20	32.1		1.2				2.0	2.0	5.3	3.1
	H	15.20	32.2		1.3			4.0	5.6			
	Z	15.20	31.4		0.9							
22	A	15.30	25.5		0.5		+		6.7	3.5	2.4	2.7
	H	15.30	26.0		0.9	-		2.3	1.7			
	Z	15.30	25.5		0.5	-		5.8	3.4			
22	A	17.04	04.7		0.8				2.2	2.6	4.1	2.7
	H	17.04	04.9		0.9	+		1.6	3.6			
	Z	17.04	05.0		0.8	-		2.0	1.5			
22	A	18.11	41.7		0.8				5.9	5.1	2.7	2.7
	H	18.11	42.0					2.3	1.9			
	Z	18.11	41.5		0.7	+						
22	A	18.47	58.1		0.8				8.8	5.5	3.7	3.2
	H	18.47	58.8		1.0			4.6	4.2			
	Z	18.47	58.6		0.7	-		5.1	5.7			
22	A	19.41	02.1		0.4				4.2	2.9	2.1	2.1
	H	19.41	02.7		1.0			0.5	0.3			
	Z	19.41	02.3		0.5			1.7	1.7			
22	A	19.50	02.0		0.8				2.8	3.0	4.1	2.8
	H	19.50	01.7		0.7			3.6	4.4			
	Z	19.50	02.2		1.0	-		2.2	1.2			
22	A	19.50	24.9		0.5				5.2	6.1	3.0	3.0
	H	19.50	25.7		1.0			4.2	4.4			
	Z	19.50	25.0		0.6	-			11.5			
22	A	20.30	48.8		1.1				1.6	1.3	4.7	2.7
	H	20.30	48.5		0.9	-		2.8	3.0			
	Z	20.30	48.6		1.0	+		5.0	3.5			
22	A	21.19	15.3		0.9				1.5	1.6	4.1	2.4
	H	21.19	15.5		1.0			0.8	1.1			
	Z	21.19	14.9		0.7	+		7.4	2.0			
22	A	22.07	17.9		0.7				2.0	3.2	3.0	2.6
	H	22.07			1.0			1.3	1.7			
	Z	22.07	17.2		0.5	-		9.8				
23	A	00.17	00.9		0.8				5.1	4.6	2.9	2.9
	H	00.16	59.9			-		6.6	6.4			
	Z	00.17	00.9		0.7			1.4	1.0			
23	A	02.00	47.6		0.6				7.8	8.3	3.9	2.9
	H	02.00	48.1		0.9	+		1.8	2.3			
	Z	02.00	48.0		0.9			3.0	1.1			
23	A	02.30	06.6		1.0				2.2	2.3	2.7	2.7
	H	02.30	06.2		0.6			3.6	3.6			
	Z	02.30	07.1					2.8	3.0			
23	A	03.17	04.4		0.8				7.2	5.4	4.7	2.8
	H	03.17	04.8		0.9			1.4	1.3			
	Z	03.17	04.6		0.9			2.6	2.3			
23	A	03.29	58.4		0.7		+		3.8	5.8	4.2	2.6
	H	03.29	58.3		0.9			1.0	0.9			
	Z	03.29	58.5		0.8			2.6	1.2			
23	A	04.06	55.8		0.9				3.7	3.2	3.7	3.1
	H	04.06	55.4		0.7	-		8.5	9.3			
	Z	04.06	56.0		0.9			6.9	4.5			
23	A	04.07	05.4		0.8				2.4	1.9	3.6	2.6
	H	04.07	05.5		1.0			2.0	2.2			
	Z	04.07	05.0		0.6				8.6			
23	A	04.25	23.3		1.0				2.0	2.9	5.2	3.0
	H	04.25	23.1		1.0	-		4.6	5.0			
	Z	04.25	23.1		1.0			6.3	3.0			
23	A	04.32	22.2		1.1				4.0	4.7	6.1	3.3
	H	04.32	23.2		1.6		-	3.1	4.0			
	Z	04.32	21.9		0.9			7.0				
23	A	04.45	12.1		0.7				2.4	3.4	1.8	2.2
	H	04.45	12.5		0.8			0.6	0.7			
	Z	04.45			0.5	-		6.6	1.6			
23	A	04.46	29.5		0.9				7.6	6.8	2.7	3.3
	H	04.46	29.9		1.0			3.8	5.0			
	Z	04.46	29.2		0.6							
23	A	04.47	47.4		0.8			+	6.9	4.0	3.9	3.3
	H	04.47	47.8		1.2			5.4	6.3			
	Z	04.47	47.1		0.6	-			6.6			
23	A	04.49	39.3		0.8				4.0	2.6	3.8	3.0
	H	04.49	40.0		1.2			2.4	3.1			
	Z	04.49	39.0		0.6			50.0				
23	A	04.56	59.2		1.0			-	2.5	2.3	4.6	3.0
	H	04.56	59.2		1.2			2.6	3.7			
	Z	04.56	58.6		0.7			9.4	3.2			
23	A	05.57	22.6		0.9				4.3	4.1	3.8	3.1
	H	05.57	22.4		0.8			4.7	6.8			
	Z	05.57	22.6		0.8			8.4	5.6			
23	A	07.33	27.8		0.7				2.2	2.4	3.6	2.6
	H	07.33	28.6		1.1			1.4	2.0			
	Z	07.33	27.8		0.6			10.5	2.6			
23	A	10.37	25.7		0.7				7.8	5.6	3.8	3.3
	H	10.37	25.6		0.8		-	3.4	5.2			
	Z	10.37	25.8		0.8	-		12.4	4.1			
23	A	11.16	09.8		0.8				11.3	7.8	3.8	3.7
	H	11.16	09.7		0.7			5.8	6.0			
	Z	11.16	09.7		0.9			10.5	8.2			
23	A	11.56	00.6		1.0				3.1	3.0	5.6	3.3
	H	11.56	00.7		1.1			2.5	4.3			
	Z	11.56	01.1		0.9	-		0.7	1.0			
23	A	14.27	28.1		1.2			+	4.5	3.2	3.2	3.4
	H	14.27	27.4		0.7		+	7.0				
	Z	14.27	28.0		1.1			5.1	2.6			
23	A	15.13	42.8		0.7			-	12.8	16.2	4.2	3.5
	H	15.13	40.0		0.9			1.3				
	Z	15.13	43.4		1.0			3.5	1.6			
23	A	16.04	23.7		0.5			-	2.6	3.6	3.2	3.4
	H	16.04	24.4		1.0			4.4				
	Z	16.04	23.8		0.7			11.6	3.0			
23	A	16.28	10.7		0.5				2.5	2.1	1.8	2.4
	H	16.28	11.4		0.8			1.9				
	Z	16.28	10.0		0.5			2.4	0.7			
23	A	16.33	14.0		0.8				5.1	6.1	3.3	3.4
	H	16.33	14.4		1.0			5.9				
	Z	16.33	13.7		0.6							
23	A	16.51	00.0		0.7				5.7	5.6	4.7	3.3
	H	16.51	00.7		1.1			2.8				
	Z	16.51			1.1							
23	A	17.22	47.4		0.8				2.0	1.8	2.9	2.8
	H	17.22	47.5		1.0			2.0	2.3			
	Z	17.22	56.6		0.5			11.0	2.8			
23	A	18.02	52.2		1.1				3.8	3.5	3.4	3.1
	H	18.02	51.3		0.5	+		4.7	7.0			
	Z	18.02	52.5		1.2			1.0	0.4			
23	A	18.46	23.6		0.7				5.9	4.1	3.3	3.2
	H	18.46	24.4		1.2			1.6	1.1			
	Z	18.46	23.0		0.5			9.4				
23	A	20.41	34.6		0.5			-	5.0		2.1	2.8
	H	20.41	35.2		1.0			0.3	0.2			
	Z	20.41	34.5		0.4			3.0	3.9			
23	A	21.43	58.6		0.9				13.4	5.7	2.1	2.8
	H	21.43	59.2		0.9	-		9.6	9.9			
	Z	21.43	58.8		0.9	-		20.4	9.0			
23	A	22.04			1.5				2.6	1.8	3.3	
	H	22.04	42.2		0.9			2.6	5.1			
	Z	22.04	43.0		1.2			2.6	1.8			
23	A	22.20	58.1		0.5		+		4.4	5.4	3.3	3.0
	H	22.20	58.6		1.1			3.0	5.0			
	Z	22.20	57.9		0.7				4.0			
23	A	22.58	57.1		1.5			+	2.6	3.0	3.4	
	H	22.58	56.3		1.0			4.3	4.0			
	Z	22.58	57.9		0.7			2.6	1.2			
23	A	23.36	20.8		0.6			+	24.8	26.9	4.1	4.1
	H	23.36	21.4		1.2		+	3.1	3.8			
	Z	23.36	21.0		0.8		+	13.3	4.6			
23	A	23.39	36.2		0.7				12.7	16.8	4.5	2.8
	H	23.39	36.9		1.0			0.9	1.4			
	Z	23.39	36.4		0.8	-		3.6	1.4			

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

113

Aug. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
Date	Station	h	m	s	S-P (sec)	E	N	U	E-W	N-S	Depth (km)	Magnitude
24	A	00.52	15.4		0.7				10.3	10.0		
	H	00.52	16.2		0.9				4.3	4.0	2.6	3.4
	Z	00.52	15.0		0.5							
24	A	04.23	56.2		0.6				6.6	9.1		
	H	04.23	56.6		0.8		+		2.2	3.2	3.1	2.8
	Z	04.23	56.6		0.7				2.4	2.2		
24	A	04.48	46.2		1.8				2.9	4.0		
	H	04.48	45.4		1.2		-		4.2	4.7	7.2	3.8
	Z	04.48	46.9		2.0				5.1	2.0		
24	A	10.42	05.6		0.7				5.8	6.4		
	H	10.42	06.1		1.0				0.8	1.2	4.7	2.9
	Z	10.42	06.0		1.0				0.5	0.2		
24	A	11.00	11.5		0.7				5.3	6.3		
	H	11.00	12.0		0.7		+		1.3	1.3	3.6	2.5
	Z	11.00	11.8		0.9				1.6	1.4		
24	A	19.48	43.3		1.5				5.4	8.6		
	H	19.48	42.5		0.7		+		10.0	6.8		
	Z	19.48	43.5		1.4				1.4	1.0	3.8	
24	A	20.08	34.8		0.8				1.9	4.0		
	H	20.08	35.6		1.2				1.0	1.0	4.7	3.4
	Z	20.08	34.7		0.7		+		10.6			
24	A	20.43	57.8		0.7				7.6	19.7		
	H	20.43	58.0		0.7				5.0	6.8	3.9	3.2
	Z	20.43	58.1		0.9				3.2	1.1		
24	A	21.26	33.1		1.0				2.0	1.5		
	H	21.26	32.7		0.6				2.1	2.9	3.2	2.8
	Z	21.26	33.3		1.0				2.0	1.3		
24	A	21.31	04.3		0.9		+		2.2	3.8		
	H	21.31	04.5		0.9				1.0	1.6		3.4
	Z	21.31	03.8		0.5		-		17.4			
24	A	21.59	34.4		0.7		+		3.6	3.1		
	H	21.59	35.3		1.1				0.9	2.4	4.0	3.1
	Z	21.59	34.3		0.7		+		6.4	2.2		
24	A	22.13	28.1		0.6				1.8	2.8		
	H	22.13	28.7		0.9				1.0	0.6	3.2	2.5
	Z	22.13	27.3		0.6				13.1			
24	A	22.14	10.7		0.8				2.3	2.6		
	H	22.14	11.1		1.1		-		1.3	1.6	2.7	2.8
	Z	22.14	10.0		0.5							
25	A	00.03	31.2		0.7		+		3.1	3.8		
	H	00.03	32.0		0.9				0.9	1.0	3.6	2.7
	Z	00.03	30.9		0.7				18.0			
25	A	00.23	02.1		0.8				6.3	4.7		
	H	00.23	01.9		0.7		-		3.6	4.8	3.1	3.3
	Z	00.23	02.1		0.8				5.2	2.6		
25	A	01.11	40.6		0.8				3.1	2.0		
	H	01.11	40.5		0.6				2.7	3.5	2.7	3.0
	Z	01.11	40.8		0.8				3.4	1.2		
25	A	02.43	39.9		0.7				2.4	4.8		
	H	02.43	39.9		0.7				1.0	2.0	3.5	2.8
	Z	02.43	40.4		0.9				0.8	0.7		
25	A	08.05	32.1		0.7				3.8	3.7		
	H	08.05	33.0		1.0				3.6	4.7	3.7	3.1
	Z	08.05	31.8		0.6		-		41.5			
25	A	12.07	33.0		1.2				5.9	6.0		
	H	12.07	32.5		0.8		+		6.2	6.2	5.3	3.7
	Z	12.07	33.3		1.3					6.0		
25	A	12.17	50.5		0.8		+		3.9	3.1		
	H	12.17	50.7		1.0		-		2.0	3.8	4.0	3.2
	Z	12.17	50.6		0.7				5.6	3.0		
25	A	12.19	22.7		1.2				4.4	5.2		
	H	12.19	22.7		0.8				3.8	3.2	5.0	3.7
	Z	12.19	22.7		1.3				8.0	3.4		
25	A	13.11	05.6		0.8		-		4.6	4.5		
	H	13.11	06.8		1.5				0.5	0.5	3.7	3.1
	Z	13.11	05.7		0.7		+		4.3	3.4		
26	A	00.09	16.1		1.1				7.6	3.7		
	H	00.09	16.4		1.6		-		1.6	2.1	1.3	3.4
	Z	00.09	15.2		0.5							
26	A	06.55	45.2		1.2				4.8	3.0		
	H	06.55	44.6		0.8		+		6.2	5.8	5.0	3.4
	Z	06.55	45.4		1.3				9.5	7.1		
26	A	07.06	37.4		0.8		-		6.8	3.8		
	H	07.06	37.0		0.5				3.1	3.1	1.6	2.4
	Z	07.06	37.6		0.8				0.9	0.6		
26	A	09.38	05.0		0.8							
	H	09.38	05.1		1.0				9.5	8.7		
	Z	09.38	04.4		0.5				4.6	7.1	2.9	3.5
26	A	11.30	05.4		0.7							
	H	11.30	06.2		1.2		-		7.2	4.6		
	Z	11.30	04.9		0.3				0.4	0.4	2.2	2.7
26	A	12.00	20.7		0.8				3.0	4.8		
	H	12.00	20.9		1.3				0.7	2.1	5.2	3.1
	Z	12.00	20.8		1.1				0.3	0.5		
26	A	14.18	23.5		0.8				5.6	3.4		
	H	14.18	23.5		0.9				5.1	5.2	4.6	3.3
	Z	14.18	23.5		0.9				2.7	2.3		
26	A	23.54	05.0		0.6				2.3	3.0		
	H	23.54	05.3		1.2				1.1	2.1	2.9	3.2
	Z	23.54	03.8		0.5				10.3	4.5		
27	A	02.35	25.9		1.1				3.6	1.6		
	H	02.35	25.0		0.8				3.8	4.5	3.2	4.7
	Z	02.35	26.3		1.2				1.5	1.9		
27	A	11.00	26.8		0.8				4.0	4.0		
	H	11.00	26.9		1.0				0.7	2.0	5.0	2.9
	Z	11.00	27.5		1.1				1.2	0.8		
27	A	13.05	28.6		0.6				4.0	2.9		
	H	13.05	29.3		1.2				0.2	0.2	2.8	3.1
	Z	13.05	28.4		0.5				10.6	5.1		
27	A	16.33	20.3		0.9				5.2	3.9		
	H	16.33	19.8		0.7				1.4	3.3	4.3	2.9
	Z	16.33	20.5		1.0				2.0	0.7		
27	A	18.22	37.5		0.9				5.5	4.6		
	H	18.22	38.4		2.0				1.3	1.3		
	Z	18.22	37.4		0.7				16.1	12.6	2.9	
27	A	21.50	21.8		0.8				4.0	3.5		
	H	21.50	21.1		0.6				2.7	4.0	3.2	3.2
	Z	21.50	21.5		0.9				5.1	2.5		
28	A	00.48	49.8		1.0				2.4	2.3		
	H	00.48	49.4		1.3				1.9	1.4	6.9	3.0
	Z	00.48	50.5		1.3				0.2			
28	A	01.43	30.7		0.8				3.2	1.3		
	H	01.43	30.8		1.0				1.1	0.9	3.1	2.7
	Z	01.43	29.9		0.5				25.2	7.3		
28	A	02.48	19.6		1.1				7.7	2.0		
	H	02.48	18.5		1.0				11.2	10.8	6.2	3.7
	Z	02.48	19.5		1.4				1.5	1.2		
28	A	03.35			0.9				3.5	1.0		
	H	03.35	32.6		0.7				5.6	7.3	4.1	3.0
	Z	03.35	33.1		1.0				2.7	1.7		
28	A	09.46	25.9		1.6				1.0	1.4		
	H	09.46	26.6		2.0				0.5	0.4	9.1	3.2
	Z	09.46	25.5		1.4				3.3	3.0		
28	A	09.59	14.8		1.0				3.6	2.2		

Aug. 1966 - Sep. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
29	A	06.40	00.6		1.6				3.5	4.6		
	H	06.40	01.8		0.7				0.5	0.5		
	Z	06.40	00.3		0.6				3.5	2.8		3.2
29	A	08.08	48.2		0.7				3.6	4.0		
	H	08.08	48.2		1.2				2.1	2.2	3.6	3.0
	Z	08.08	47.7		0.6				6.7	3.0		
29	A	09.47	33.1		0.8				20.2	25.0		
	H	09.47	33.0		0.9				3.7	6.0	4.5	4.0
	Z	09.47	33.1		1.2				9.5	5.6		
29	A	10.37	02.4		0.9				23.7	14.6		
	H	10.37	01.4		0.7				33.1	54.5	3.2	4.4
	Z	10.37	02.3		1.4				6.4	4.3		
29	A	10.57	21.4		1.0				9.3	13.0		
	H	10.57	20.3		0.5				24.7	17.6	2.5	4.1
	Z	10.57	21.3		1.0				8.9	3.4		
29	A	11.05	54.5		1.1				6.5	7.4		
	H	11.05	55.2		1.5				8.6	6.0	4.2	3.7
	Z	11.05	54.2		0.7				15.5	11.0		
29	A	11.23	05.4		0.7				5.5	4.8		
	H	11.23	05.7		0.9				1.1	1.8	4.3	2.7
	Z	11.23	05.7		1.0				1.8	0.9		
29	A	11.38	11.8		0.6				7.0	7.0		
	H	11.38	11.4		0.8				0.3	0.2	3.7	3.0
	Z	11.38	12.1		1.0				1.5	2.1		
29	A	12.09	41.9		1.2				5.5	2.8		
	H	12.09	42.0		1.3				2.4	3.7	3.2	3.5
	Z	12.09	41.3		0.7				13.7	8.3		
29	A	00.40	57.3		0.8				8.7	6.9		
	H	00.40	57.4		0.9				6.5	5.8	4.0	3.5
	Z	00.40	56.6		0.7				33.8	13.7		
29	A	20.49	47.0		0.8				5.8	2.6		
	H	20.49	46.7		0.9				1.6	2.6	3.9	3.4
	Z	20.49	46.8		0.7				10.2	4.0		
29	A	20.52	39.2		0.3				10.0	8.6		
	H	20.52	39.5		0.9				1.0	1.4		
	Z	20.52	39.8		1.0				0.6	0.6	2.7	
30	A	01.23	16.0		0.9				7.8	5.2		
	H	01.23	16.0		0.9				6.0	7.7	4.4	3.7
	Z	01.23	15.5		0.8				13.0	10.2		
30	A	01.23	33.0		0.9				12.5	10.5		
	H	01.23	33.3		0.6				10.6	8.0	2.2	3.6
	Z	01.23	33.0		0.8				37.5	20.0		
30	A	02.27	42.1		1.1				3.2	2.3		
	H	02.27	41.6		0.9				4.8	4.4	4.7	3.3
	Z	02.27	41.9		1.0				3.2	1.9		
30	A	08.03	18.5		0.6				4.2	7.3		
	H	08.03	18.7		1.0				0.4	0.6	2.9	3.2
	Z	08.03	18.7		0.5				7.4			
30	A	08.29	55.3		0.6				6.7	10.6		
	H	08.29	55.5		1.0				1.0	1.9	4.1	3.5
	Z	08.29	55.7		1.0				7.4	1.9		
30	A	09.30	55.9		0.5				28.0	16.5		
	H	09.30	56.6		1.2				4.6	3.4	2.3	3.7
	Z	09.30			0.6				1.8			
30	A	09.47	56.1		1.5				2.4	3.5		
	H	09.47	56.3		1.9				1.0	1.4	3.5	
	Z	09.47	51.2		0.7				9.8	9.0		
30	A	10.11	09.5		0.6				5.5	4.2		
	H	10.11	09.8		0.9				0.8	1.6	3.8	3.0
	Z	10.11	10.0		1.0				2.4	1.2		
30	A	11.32	57.4		0.7				3.1	2.2		
	H	11.32	58.1		1.0				1.3	2.3	3.1	2.9
	Z	11.32	57.2		0.5				12.6	10.3		
30	A	12.16	47.3		0.9				5.5	5.5		
	H	12.16	46.5		0.6				6.3	6.5	2.9	3.0
	Z	12.16	46.9		0.9				2.8	2.6		
30	A	12.24	08.8		0.9				5.7	3.4		
	H	12.24	08.4		0.5				2.0	2.6	2.7	
	Z	12.24	07.5		0.5				0.4	0.2		
30	A	12.46	04.7		0.8				3.3	6.2		
	H	12.46	04.8		0.7				3.3	5.7	3.9	3.3
	Z	12.46	05.1		0.9				2.0	1.4		
30	A	12.49	42.8		0.5				15.5	8.4		
	H	12.49	43.9		1.5				0.6	0.4	2.9	
	Z	12.49	42.8		0.5				5.6	5.4		
30	A	14.05	09.1		0.5							
	H	14.05	10.0		1.4							
	Z	14.05	09.2		0.8							
30	A	14.09	55.2		0.5							
	H	14.09	56.1		1.3							
	Z	14.09	55.0		0.5							
31	A	02.08	25.2		0.9							
	H	02.08	25.8		1.2							
	Z	02.08	24.3		0.4							
31	A	03.09	25.8		0.8							
	H	03.09	27.1		1.0							
	Z	03.09	25.6		0.6							
31	A	04.16	22.4		0.8							
	H	04.16	23.6		1.0							
	Z	04.16	22.1		0.5							
31	A	04.36	38.0		1.3							
	H	04.36	37.5		0.9							
	Z	04.36	37.9		1.2							
31	A	08.24	32.0		0.6							
	H	08.24	32.4		0.9							
	Z	08.24	32.2		1.2							
31	A	11.08	51.4		0.7							
	H	11.08	51.6		0.9							
	Z	11.08	52.2		1.0							
31	A	19.28	42.5		0.8							
	H	19.28	41.9		1.3							
	Z	19.28	41.2		0.5							

1966 September

01	A	01.02	44.5		0.5							
	H	01.02	45.1		0.9							
	Z	01.02	44.4		0.5							
01	A	05.08	03.4		1.0							
	H	05.08	02.3		1.0							
	Z	05.08	02.6		0.5							
01	A	05.21	30.1		1.0							
	H	05.21	29.2		1.5							
	Z	05.21	29.2		0.6							
01	A	05.22	33.7		1.0							
	H	05.22	32.7		1.7							
	Z	05.22	33.0		0.7							
01	A	12.12	06.2		0.7							
	H	12.12	06.8		1.0							
	Z	12.12	06.1		0.7							
01	A	15.31	15.4		1.2							
	H	15.31	14.9		0.8							
	Z	15.31	15.5		1.2							
01	A	16.06	35.9		1.4							
	H	16.06	35.0		0.9							
	Z	16.06	36.2		1.6							
01	A	16.50	31.3		0.5							
	H	16.50	31.1		0.9							
	Z	16.50			0.8							
01	A	20.37	39.9		0.4							
	H	20.37	40.7		0.9							
	Z	20.37	40.4		0.8							
01	A	21.30	02.6		1.1							
	H	21.30	02.8		0.5							
	Z	21.30	03.8		1.2							
01	A	22.51	28.6		0.5							
	H	22.51	30.5		1.3							
	Z	22.51	29.3		0.7							
02	A	02.43	19.6		0.6							
	H	02.43	19.8		1.0							
	Z	02.43	19.3		0.5							
02	A	05.46	12.3		0.6							
	H	05.46	12.6		1.0							
	Z	05.46	12.1		0.6							
02	A	13.22	26.6		0.9							
	H	13.22	26.1		0.7							
	Z	13.22	26.8		0.9							

**Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966**

115

Sep. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
Date	Station	h	m	s	S-P (sec)	E	N	U	E-W	N-S	Depth (km)	Magnitude
02	A	17.25	38.7		0.8				2.2	1.6		
	H	17.25	38.7		0.8			+	6.4	7.6	1.8	3.0
	Z	17.25	38.3		0.7				14.4	6.4		
03	A	02.23	43.5		0.6				2.6	2.2		
	H	02.23	43.6		0.9				0.8	0.7	3.0	2.3
	Z	02.23	44.3		1.0				2.6	0.4		
03	A	03.17	04.7		0.7				6.6	7.2		
	H	03.17	04.4		0.7				5.2	5.4	2.4	3.1
	Z	03.17	05.0		1.0				4.2	1.4		
03	A	04.14	05.6		0.9				2.8	3.7		
	H	04.14	05.9		1.0			-	1.7	1.9	1.0	2.9
	Z	04.14	05.1		0.5				57.7			
03	A	04.58	56.0		0.7				3.9	4.6		
	H	04.58	56.1		0.7			+	1.5	2.2	1.9	2.7
	Z	04.58	56.4		0.8				1.2	0.6		
03	A	06.45	33.0		0.9				4.7	3.9		
	H	06.45	33.1		1.3				1.2	1.8	3.1	3.0
	Z	06.45	32.3		0.6							
03	A	07.31	56.7		0.6				2.9	2.6		
	H	07.31	57.6		1.0				0.4	0.4	0.9	2.1
	Z	07.31	56.6		0.4					7.2		
03	A	08.37	59.8		1.4				2.8	2.9		
	H	08.37	59.1		0.9				5.8	5.0	4.6	3.3
	Z	08.37	59.5		1.4				1.8	1.2		
03	A	09.01	36.4		0.6				4.5	3.4		
	H	09.01	37.0		1.0				0.4	0.3	2.9	2.3
	Z	09.01	36.8		0.8				3.1	1.5		
03	A	09.04	31.8		0.8				2.3	2.1		
	H	09.04	32.0		1.1				0.9	0.7	1.5	2.5
	Z	09.04	31.4		0.4							
03	A	09.38	53.1		0.9				17.0	17.7		
	H	09.38	52.6		0.6				9.6	8.7	2.7	3.6
	Z	09.38	53.3		1.1				4.8	4.2		
03	A	10.24	31.7		0.6				5.8	5.0		
	H	10.24	32.7		1.2			-	0.6	0.2	2.6	2.6
	Z	10.24	31.8		0.6				4.3	4.4		
03	A	13.33	52.7		0.6			-	2.7	1.9		
	H	13.33	52.5		0.8			-	1.4	2.0	1.0	2.5
	Z	13.33	52.5		0.6			-	9.9	5.0		
03	A	13.34	41.6		0.8			+	3.0	1.9		
	H	13.34	41.7		0.9				3.3	2.9	2.0	2.9
	Z	13.34	51.6		0.6			-	13.8	6.1		
03	A	13.46	27.2		0.9			+	10.5	6.1		
	H	13.46	26.2		1.0				8.8	10.3	2.6	3.6
	Z	13.46	25.5		0.7			+	8.2	3.0		
03	A	15.05	51.5		0.5			+	7.3	3.3		
	H	15.05	52.4		1.1				0.6	0.3	1.4	2.6
	Z	15.05	51.7		0.4			+	6.0	8.6		
03	A	15.23	14.3		0.6			+	7.4	11.3		
	H	15.23	14.3		0.7				2.0	2.9	2.2	3.0
	Z	15.23	14.6		0.9			-	1.4	1.0		
03	A	18.50	04.4		0.6			+	2.7	1.3		
	H	18.50	04.4		0.6			-	4.3	4.5		
	Z	18.50	04.7		0.7				2.0	1.7		
03	A	19.13	33.0		0.7			+	2.6	2.2		
	H	19.13	33.5		1.2			-	1.0	0.8	2.1	2.5
	Z	19.13	32.5		0.4			-	10.8	4.2		
03	A	19.50	44.4		0.7			-	1.7	2.5		
	H	19.50	44.9		1.1			-	2.2	3.1	1.8	2.8
	Z	19.50	44.0		0.5			-	35.7	20.3		
03	A	21.11			0.9			+	3.9	7.2		
	H	21.11	19.9		0.6			-	4.1	3.5	2.0	3.1
	Z	21.11	21.1		1.0				1.6	1.7		
03	A	23.04	12.9		0.9			+	2.0	2.4		
	H	23.04	13.0		1.3			-	1.6	1.3	2.8	2.7
	Z	23.04	12.4		0.5			+	7.8	6.0		
04	A	02.41	44.3		0.6			+	4.8	4.3		
	H	02.41	44.8		1.0			+	0.9	0.9	2.7	2.6
	Z	02.41	44.5		0.7			-	2.2	1.0		
04	A	12.24	24.1		0.6			-	8.8	5.6		
	H	12.24	24.8		1.1				0.6	0.8	0.9	2.8
	Z	12.24	23.9		0.3				22.0	18.0		
04	A	13.07	26.1		1.0				3.9			
	H	13.07	26.2		1.3				1.0	0.7	3.2	2.8
	Z	13.07	25.6		0.6				5.0			
04	A	14.43	13.8		0.9				14.43	13.8		
	H	14.43	13.8		1.0				14.43	13.8	2.9	3.2
	Z	14.43	13.4		0.7							
04	A	15.16	34.9		0.6				15.16	34.9		
	H	15.16	34.9		1.1			-	10.5	6.2	1.6	3.0
	Z	15.16	34.0		0.4				21.8			
04	A	22.22	51.3		0.8				2.4	2.8		
	H	22.22	51.8		1.1				1.0	1.3	1.9	2.6
	Z	22.22	50.9		0.5							
04	A	23.23	55.3		0.7				2.7	4.6		
	H	23.23	56.1		1.0				0.6	0.8	1.7	2.6
	Z	23.23	55.5		0.5							
05	A	01.54	36.5		0.6				4.4	5.6		
	H	01.54	37.5		1.0				0.6	0.4	1.9	2.5
	Z	01.54	36.3		0.5				7.4	4.5		
05	A	02.58	17.9		0.9				5.2	3.3		
	H	02.58	18.3		1.0				1.1	0.9	1.0	2.7
	Z	02.58	17.5		0.4				10.8	9.8		
05	A	03.34	41.6		0.8				4.4	5.2		
	H	03.34	41.9		1.0				2.8	6.5	1.8	3.3
	Z	03.34	41.3		0.5				24.4	8.0		
05	A	04.29	44.7		1.0				1.4	1.4		
	H	04.29	44.4		0.8				4.3	6.5	3.1	2.9
	Z	04.29	45.0		1.0				3.2	1.6		
05	A	05.15	49.1		0.6				2.9	5.8		
	H	05.15	49.3		0.8				2.2	3.0	2.6	2.9
	Z	05.15	49.6		0.9				1.0	1.0		
05	A	06.00	49.6		0.7				3.6	2.4		
	H	06.00	50.1		1.0				0.7	0.3	1.7	2.6
	Z	06.00	49.1		0.5				21.8			
05	A	08.52	45.0		0.7				5.8	4.2		
	H	08.52	42.7		1.0				3.4	5.6	2.2	3.2
	Z	08.52	42.5		0.6				1.7	0.9		
05	A	12.09	31.0		0.7				6.6	11.1		
	H	12.09	30.9		0.8				2.6	3.4	3.0	3.2
	Z	12.09	31.5		0.9				1.2	1.1		
05	A	14.42	58.7		0.8			+	4.0	3.6		
	H	14.42	58.9		0.9			-	5.2	5.8	2.1	3.1
	Z	14.42			0.7			-	6.2	4.3		
05	A	14.47	36.0		0.8			+	4.1	4.2		
	H	14.47	36.1		0.9			-	8.4	9.3	2.9	3.3
	Z	14.47			0.8			-	7.2	6.2		
05	A	15.25	40.5		0.6				3.3	4.9		
	H	15.25	40.7		1.0			-	2.9	3.0	1.1	2.9
	Z	15.25			0.4			-	31.8	10.6		
06	A	00.15	56.7		0.7			-	6.8	5.0		
	H	00.15	57.9		1.2			-	1.0	1.2	1.9	2.9
	Z	00.15			0.4			+	7.4	6.3		
06	A	10.28	54.1		0.9			-	3.5	1.6		
	H	10.28	55.1		1.7			-	0.7	0.3	3.2	2.7
	Z	10.28			0.8			+	2.8	1.9		
06	A	10.29	08.1		1.6			-	8.0	7.0		
	H	10.29	08.6		2.0			+	3.2	4.4	7.6	3.8
	Z	10.29			1.3			+	12.4	2.5		
06	A	10.53	57.1		1.2			+	2.5	5.1		
	H	10.53	56.7		1.7			-	1.5	1.7	3.7	3.2
	Z	10.53			0.7			+	12.6	7.2		
06	A	11.05	36.2		0.7			+	8.5	4.4		
	H	11.05	36.2		0.7			-	1.6	1.5	1.6	2.8
	Z	11.05			0.8			-	0.6	1.1		
06	A	13.50	56.1		0.4				9.2	9.2		

Sep. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
07	A	04.21	27.4		0.6			+	14.4	19.0		
	H	04.21	27.8		1.1			+	0.6	1.3	3.4	3.1
	Z	04.21			0.9			-	10.8	2.9		
07	A	04.43	41.9		0.6			-	5.6	3.6	1.5	2.7
	H	04.43	42.5		1.2			-	0.6	0.7		
	Z	04.43			0.4			+	9.1	3.8		
07	A	08.16	04.6		1.0			-	2.2	3.5	2.2	3.0
	H	08.16	04.0		0.7			-	5.6	6.3		
	Z	08.16	04.5		0.9			-	2.6	1.7		
07	A	10.41	39.0		1.0				1.6	1.3	3.1	2.9
	H	10.41	38.5		0.8				6.2	5.8		
	Z	10.41	38.9		1.0				3.2	1.8		
07	A	11.09	25.1		0.7				3.2	3.9	3.7	2.5
	H	11.09	25.6		1.0				0.6	0.7		
	Z	11.09	25.4		1.0				4.4	2.5		
07	A	22.29	06.6		1.3			+	2.8	1.8	4.2	3.0
	H	22.29	05.7		0.9			+	3.5	3.0		
	Z	22.29	06.7		1.3				2.8	1.6		
08	A	03.14	44.2		0.6			+	7.0	5.1	3.3	3.0
	H	03.14	44.4		1.0			+	1.4	2.8		
	Z	03.14	45.0		1.0			-	3.9	5.5		
08	A	04.13	19.8		1.0				1.3	1.5	3.3	2.4
	H	04.13	20.3		1.4				0.6	0.6		
	Z	04.13	19.4		0.6							
08	A	04.18	24.9		1.4			+	7.3	2.9	5.1	3.4
	H	04.18	23.9		1.0			+	3.7	4.0		
	Z	04.18	25.0		1.4				2.6	1.4		
08	A	05.01	11.7		1.0			-	13.5	16.7	3.0	3.9
	H	05.01	11.2		0.7			-	17.0	13.2		
	Z	05.01	12.3		1.0					8.0		
08	A	05.01	31.2		0.9				3.1	6.2	2.5	3.0
	H	05.01	31.0		0.6				3.0	3.3		
	Z	05.01	31.4		1.0				2.2	1.4		
08	A	09.54	36.4		0.6				8.0	16.0	3.1	3.3
	H	09.54	36.9		1.4				1.3	2.1		
	Z	09.54	36.4		0.7				6.6	9.0		
08	A	14.06	06.4		0.9				3.4	3.8	2.2	2.9
	H	14.06	07.0		1.0				1.5	1.8		
	Z	14.06	06.4		0.6			-	10.0	4.9		
08	A	19.36	38.4		1.1			+	2.2	4.4	3.3	3.3
	H	19.36	37.5		0.8				7.5	8.5		
	Z	19.36	38.3		1.0			-	3.8	2.9		
09	A	03.23	06.1		0.3				13.6	17.3	1.0	2.5
	H	03.23	06.8		0.9				0.6	0.4		
	Z	03.23	06.6		0.8				3.3	1.2		
09	A	03.41	57.7		0.8				8.0	8.5	2.7	3.2
	H	03.41	58.1		1.0				2.5	3.3		
	Z	03.41	57.5		0.7				5.5	5.4		
09	A	04.23	58.4		0.7				6.1	3.2	1.9	3.0
	H	04.23	58.2		0.6				2.8	4.1		
	Z	04.23	58.9		0.9				2.4	1.1		
09	A	04.39	29.1		0.9				2.4	2.3	4.1	2.8
	H	04.39	30.2		1.4				1.2	1.3		
	Z	04.39	28.6		0.7				10.4	7.8		
09	A	06.17	58.4		0.6			+	14.0	24.8	1.9	3.6
	H	06.17	58.1		0.6			+	6.8	7.2		
	Z	06.17	58.8		0.9			-	2.4	2.4		
09	A	07.34	57.4		0.9			+	17.3	20.4	3.4	4.0
	H	07.34	56.8		0.9			-	13.5	17.9		
	Z	07.34	57.3		0.9			+	15.1	7.0		
09	A	07.42	32.0		0.7				3.9	4.9	1.9	2.5
	H	07.42	31.9		0.7				0.8	1.0		
	Z	07.42	32.6		0.8				0.5	0.2		
09	A	08.34	39.4		0.7			+	6.6	5.0	2.2	2.8
	H	08.34	39.6		0.6			+	2.5	2.5		
	Z	08.34	40.0		1.1				1.3	1.0		
09	A	10.52	58.0		0.6			+	6.2	8.8	2.7	3.1
	H	10.52	58.2		0.8			+	2.7	3.7		
	Z	10.52	58.7		0.9				1.3	0.6		
09	A	13.39	25.9		0.8			+	5.4	3.5	2.3	3.1
	H	13.39	25.4		0.6			+	3.7	5.3		
	Z	13.39	26.2		1.0			-	3.6	1.4		
09	A	13.44	37.2		0.6			+	8.8	13.4	2.9	3.3
	H	13.44	37.1		0.9			+	5.5	5.8		
	Z	13.44	37.7		0.9			-	2.0	2.0		
09	A	13.47	27.5		0.5			-	3.8	4.1	1.1	2.8
	H	13.47	27.6		0.6			+	4.6	3.1		
	Z	13.47	28.0		0.9			-	1.1	1.0		
09	A	14.15	33.0		0.6			+	4.8	8.1	2.9	2.8
	H	14.15	33.0		0.9			+	1.7	1.9		
	Z	14.15	33.6		0.9			-	1.0	0.7		
09	A	16.39	24.7		1.6				3.4	2.0	7.0	3.4
	H	16.39	25.4		2.3				1.8	2.0		
	Z	16.39	24.1		1.4				2.2	3.2		
09	A	16.41	19.6		1.5			-	11.7	7.8	7.9	3.9
	H	16.41	20.5		2.1			+	4.1	6.4		
	Z	16.41	19.2		1.4				12.4	16.7		
09	A	16.44	50.1		1.4			-	3.5	1.8	6.3	3.4
	H	16.44	50.7		2.1				1.9	3.0		
	Z	16.44	49.7		1.2				4.1	4.9		
09	A	18.34	45.1		0.5			-	9.1	8.1	2.3	2.6
	H	18.34	45.4		0.9			+	0.7	1.0		
	Z	18.34	45.7		0.9				0.8	0.5		
09	A	19.38	28.5		0.6				17.4	10.6	3.0	2.4
	H	19.38	29.2		0.9				1.1	1.8		
	Z	19.38	29.1		1.0				1.3	1.4		
09	A	20.41	32.0		1.7			+	8.8	16.9	9.1	4.4
	H	20.41	30.4		0.8			+	8.4	13.3		
	Z	20.41	31.7		1.5				7.7	4.8		
10	A	00.41	46.0		1.6			+	2.9	1.8	7.2	3.0
	H	00.41	46.3		2.0			+	1.4	2.2		
	Z	00.41	45.9		1.2				3.6	6.6		
10	A	02.20	19.5		1.3			+	4.3	3.3	5.7	3.1
	H	02.20	19.7		1.5			-	1.9	2.1		
	Z	02.20	18.5		1.0				14.0	9.8		
10	A	02.49	31.5		1.2			+	9.9	5.8	4.8	3.7
	H	02.49	31.9		1.4			+	4.6	4.3		
	Z	02.49	30.5		0.9				14.7	11.6		
10	A	04.23	17.1		0.4				8.2	4.9	1.8	2.4
	H	04.23	17.9		0.9				0.6	0.3		
	Z	04.23	17.7		0.8				1.1	1.0		
10	A	05.13	58.1		0.7			+	4.1	5.4	3.2	2.7
	H	05.13	58.9		1.3				0.8	0.6		
	Z	05.13	59.1		0.6				6.4	6.1		
10	A	07.00	38.7		0.9			-	5.3	6.5	2.7	3.5
	H	07.00	37.6		1.1			+	6.6	7.2		
	Z	07.00	38.4		1.3				2.1	1.4		
10	A	07.01	01.4		0.4				13.4	12.4	2.3	3.1
	H	07.01	01.8		1.0			+	2.6	2.1		
	Z	07.01	01.6		0.8				2.1	2.3		
10	A	08.20	14.1		0.6			+	5.0	8.8	2.4	3.0
	H	08.20	15.2		1.2				1.2	1.6		
	Z	08.20	15.2		0.5				8.5	5.2		
10	A	08.22	35.8		0.9				15.7	13.8	1.7	3.6
	H	08.22	35.3		0.6			-	10.2	10.4		
	Z	08.22	35.8		1.0				10.4	7.4		
10	A	12.37	56.5		1.1				1.4	1.9	4.2	3.2
	H	12.37	56.5		1.2				6.5	5.2		
	Z	12.37	56.0		0.9				5.4	3.0		
10	A	13.30	44.5		1.4				4.1	6.6	2.9	3.5
	H	13.30	43.5		0.7			+	9.3	8.6		
	Z	13.30	45.0		1.4			-	4.1	2.1		
10	A	14.01	49.0		0.4				5.2	3.8	1.5	2.7
	H	14.01	49.8		1.1				1.8	2.5		
	Z	14.01	49.2		0.6				11.5			

**Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966**

117

Sep. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
Date	Station	h	m	s	S-P (sec)	E	N	U	E-W	N-S	Depth (km)	Magnitude
11	A H Z	01.55	44.8		1.1				2.6	1.2	3.2	2.7
		01.55	45.0		1.6			-	0.6	0.5		
		01.55	44.4		0.6			+	6.4	5.0		
11	A H Z	02.11	11.7		2.0				28.0	10.0	6.2	3.9
		02.11	10.6		1.2			-	10.9	18.2		
		02.11	12.0		2.1			-	3.0	2.6		
11	A H Z	02.30	36.8		0.7				4.2	1.8	2.7	2.7
		02.30	37.9		1.4				0.7	0.6		
		02.30	36.9		0.6				10.1	6.3		
11	A H Z	05.06	42.3		1.4			-	2.1	2.3	6.0	3.0
		05.06	43.5		2.1				1.0	0.8		
		05.06	44.1		1.1				5.6	8.8		
11	A H Z	07.15	27.8		0.8				3.8	6.6	4.7	3.2
		07.15	28.7		1.5				1.2	2.4		
		07.15	28.1		1.0			+	4.8	3.7		
11	A H Z	10.13	33.5		0.5				12.8	18.2	2.5	3.5
		10.13	34.3		0.9				0.6	0.8		
		10.13	34.2		0.9			-	3.0	2.2		
11	A H Z	16.00	04.7		1.2				2.5	3.3	2.2	3.4
		16.00	04.4		0.8			+	8.6	13.6		
		16.00	05.0		1.0			-	7.0	6.3		
11	A H Z	16.02	30.8		1.1				9.6	7.3	3.7	3.6
		16.02	30.2		0.9			+	8.2			
		16.02	31.0		1.0			-	6.1	6.4		
11	A H Z	16.07	43.9		1.1				4.0	3.8	2.4	3.3
		16.07	43.3		0.8			-	9.4	8.6		
		16.07	44.0		1.0			+	3.1	2.5		
11	A H Z	17.17	51.2		0.8				6.2	3.4	1.5	3.1
		17.17	52.2		1.5			+	1.6	1.8		
		17.17	51.2		0.4							
11	A H Z	17.46	12.2		1.1			-	2.6	1.5	2.7	2.9
		17.46	12.2		0.9				3.0	2.9		
		17.46	12.9		0.9				1.3	1.4		
11	A H Z	17.59	57.1		1.3				5.3	3.0	2.9	3.4
		17.59	56.6		1.0			+	5.6	5.8		
		17.59	57.7		1.1				3.6	2.5		
11	A H Z	19.55	50.3		1.5				25.8	13.4	3.1	4.4
		19.55	49.2		0.8			+	16.4	13.1		
		19.55	50.6		0.5				9.1	7.0		
11	A H Z	20.09	50.7		1.0				3.0	2.9	1.6	3.2
		20.09	50.3		0.7				7.6	6.6		
		20.09	51.0		0.9				3.1	1.6		
11	A H Z	20.21	16.4		1.3				2.4	2.4	6.4	2.8
		20.21	17.0		1.4				1.0	0.7		
		20.21	16.4		1.2				4.0	4.6		
11	A H Z	21.19	01.1		0.7				13.3	17.4	3.6	3.3
		21.19	00.6		0.9			+	1.7	2.2		
		21.19	01.0		1.0			-	3.6	2.4		
11	A H Z	23.12	35.8		1.4				2.3	1.2	7.0	3.1
		23.12	36.3		2.0				1.3	1.4		
		23.12	35.7		1.2				3.4	4.9		
12	A H Z	01.13	40.8		0.7			+	4.6	4.2	2.8	3.0
		01.13	41.6		1.2			+	2.2	2.8		
		01.13	41.0		0.6					11.0		
12	A H Z	01.48	58.7		0.8				3.6	4.9	2.5	2.9
		01.48	59.1		1.1				1.6	1.6		
		01.48	58.4		0.6							
12	A H Z	02.21	26.5		1.1				2.3	2.7	4.2	3.3
		02.21	26.0		1.0			-	7.6	6.6		
		02.21	26.6		1.0				7.2	3.8		
12	A H Z	03.43	29.7		0.8			+	15.8	31.0	4.2	3.8
		03.43	30.2		1.0				3.6	5.2		
		03.43	30.2		1.0			-	6.6	4.6		
12	A H Z	04.59	49.8		0.7				4.5	5.5	2.5	3.0
		04.59	50.7		1.2			-	1.2	1.6		
		04.59	49.4		0.5			+				
12	A H Z	08.40	26.6		1.1				5.1	9.2	3.4	3.6
		08.40	25.8		0.6				8.6	11.6		
		08.40	27.2		1.3				5.3	5.8		
12	A H Z	08.41	24.4		1.6				1.8	1.5	7.8	3.0
		08.41	25.2		2.2				0.9	1.0		
		08.41	24.2		1.4				1.1	1.6		
12	A H Z	10.00	22.4		1.0				2.5	3.6	5.2	3.6
		10.00	23.1		1.4				0.9	1.3		
		10.00	22.7		1.0				2.9	6.8		
12	A H Z	12.18	17.8		0.6				12.18	17.8	3.2	2.7
		12.18	18.3		0.9				12.18	18.3		
		12.18	18.4		1.1				12.18	18.4		
12	A H Z	16.39	25.8		0.6				16.39	25.8	6.2	3.9
		16.39	26.3		0.9			+	16.39	26.3		
		16.39	26.7		1.0			-	16.39	26.7		
12	A H Z	16.39	36.3		0.6				16.39	36.3	2.7	2.7
		16.39	36.7		0.9				16.39	36.7		
		16.39	37.1		1.0			-	16.39	37.1		
12	A H Z	17.18	37.9		0.6				17.18	37.9	6.0	3.0
		17.18	38.0		0.7				1.3	2.1		
		17.18	38.4		1.0				0.8	0.6		
12	A H Z	17.47	49.0		1.5				17.47	49.0	4.7	3.2
		17.47	48.6		1.0			+	1.4	2.4		
		17.47	49.8		1.3				0.7	0.6		
12	A H Z	19.27	02.4		1.0				19.27	02.4	2.5	3.5
		19.27	02.6		1.4			-	1.6	1.1		
		19.27	01.9		0.6				5.0	5.5		
12	A H Z	19.27	35.3		1.1				19.27	35.3	2.2	3.1
		19.27	35.3		1.3			-	1.4	3.8		
		19.27	34.9		0.8				8.6	11.1		
12	A H Z	20.32	08.2		0.6				3.6	3.5	3.7	3.6
		20.32	08.5		1.0				2.1	4.4		
		20.32	08.8		0.8			-	4.5	3.1		
12	A H Z	21.10	43.9		0.8				6.6	8.0	4.3	3.2
		21.10	44.2		1.0			+	1.3	2.9		
		21.10	44.5		1.3				1.3	1.0		
12	A H Z	22.20	24.1		0.9				7.0	9.2	4.4	3.3
		22.20	24.7		1.4			-	2.0	2.4		
		22.20	23.9		0.8					9.6		
12	A H Z	23.17	40.2		1.1				2.6	1.5	2.7	2.9
		23.17	35.1		0.8			-	4.3	4.9		
		23.17	41.4		1.1				2.7	1.9		
13	A H Z	00.43	48.9		1.2				5.3	3.0	2.9	3.4
		00.43	47.7		1.0			+	5.6	5.8		
		00.43	49.2		1.2			-	3.6	2.5		
13	A H Z	00.56	16.1		1.5				25.8	13.4	3.1	4.4
		00.56	17.1		2.2			+	16.4	13.1		
		00.56	16.0		0.9				9.1	7.0		
13	A H Z	02.00	10.1		1.3				3.0	2.9	1.6	3.2
		02.00	10.2		1.7			-	7.6	6.6		
		02.00	09.6		0.8			-	3.1	1.6		
13	A H Z	02.37	26.0		0.9				2.4	2.4	6.4	2.8
		02.37	25.5		0.6				1.0	0.7		
		02.37	26.7		1.0				4.0	4.6		
13	A H Z	03.53	56.0		1.2				13.3	17.4	3.6	3.3
		03.53	55.1		1.1			+	1.7	2.2		
		03.53	55.6		1.1			-	3.6	2.4		
13	A H Z	04.12	38.2		0.8				2.3	1.2	7.0	3.1
		04.12	38.2		0.8			+	1.3	1.4		
		04.12	38.8		1.0			-	3.4	4.9		
13	A H Z	04.35	46.1		0.8				4.6	4.2	2.8	3.0
		04.35	46.1		0.8			+	2.2	2.8		
		04.35	46.9		1.0			-		11.0		
13	A H Z	05.39	23.9		1.3				3.6	4.9	2.5	2.9
		05.39	22.7	</								

Sep. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
13	A	19.18	27.9		0.6				6.6	8.4		
	H	19.18	28.0		0.7				2.2	3.2	2.2	3.0
	Z	19.18	28.5		1.0			-	1.0	1.0		
14	A	00.49	44.5		0.6				6.0	4.6		
	H	00.49	44.4		0.6				4.2	3.7	1.0	2.9
	Z	00.49	45.2		0.8				1.0	1.4		
14	A	02.08	58.1		0.8				4.5	4.4		
	H	02.08	59.1		1.2			-	2.7	2.8	3.5	3.1
	Z	02.08	58.5		0.7			-				
14	A	02.46	12.8		0.7				8.7	15.3		
	H	02.46	13.7		1.2			-	3.5	4.6	4.1	3.5
	Z	02.46	12.8		0.7			+		11.0		
14	A	05.29	51.4		0.7				2.3	4.1		
	H	05.29	51.4		1.3				7.3	9.0	3.8	3.4
	Z	05.29	51.9		0.8					3.9		
14	A	06.17	24.7		1.4				5.6	7.1		
	H	06.17	23.9		0.9			+	10.3	11.6	4.8	3.7
	Z	06.17	24.9		1.4			-	3.8	2.7		
14	A	06.26	40.1		1.0				35.2	10.2		
	H	06.26	39.4		0.5			+			2.0	4.5
	Z	06.26	40.5		1.1			-				
14	A	09.25	41.9		1.5			+	11.6	11.4		
	H	09.25	42.8		2.0			+	4.3	7.0	6.0	4.1
	Z	09.25	41.9		1.1							
14	A	10.23	25.3		0.7			-	3.0	4.2		
	H	10.23	25.9		1.2				1.1	1.0	2.5	2.7
	Z	10.23	25.0		0.5			+	8.7	3.7		
14	A	11.05	22.8		1.2			+	2.8	3.2		
	H	11.05	22.6		1.0			-	8.2	6.7	3.7	3.3
	Z	11.05	22.8		1.0				7.4	3.8		
14	A	12.24	10.4		0.7				5.6	4.1		
	H	12.24	10.9		1.2			-	2.5	3.1	2.7	3.0
	Z	12.24	09.7		0.6					5.2		
14	A	13.24	34.0		0.5				7.6	6.6		
	H	13.24	34.9		1.0				0.6	0.8	2.1	2.6
	Z	13.24	34.6		0.6					5.4		
14	A	13.49	00.2		0.9				2.8	5.4		
	H	13.49	00.8		1.4				0.8	0.7	3.9	2.9
	Z	13.49	00.0		0.7					7.6		
14	A	14.36	51.9		0.7			+	1.6	1.6		
	H	14.36	52.4		1.1				2.0	1.8	3.0	2.6
	Z	14.36	52.1		0.6					3.9		
14	A	15.37	51.1		1.3			-		3.0		
	H	15.37	52.4		1.8				3.2	4.4	6.4	3.4
	Z	15.37	51.5		1.1					6.9		
14	A	16.57	27.3		0.7				3.0	3.0		
	H	16.57	27.8		1.2				3.0	3.6	2.9	3.0
	Z	16.57	27.3		0.6					5.1		
14	A	19.00	29.4		1.1				13.4	21.0		
	H	19.00	29.9		1.0				1.5	2.0	4.0	3.5
	Z	19.00	30.0		1.0					5.6		
14	A	21.52	36.4		0.7			+		24.2		
	H	21.52	37.0		0.9				4.2	5.1	3.4	3.6
	Z	21.52	37.1		1.0				29.2	14.0		
14	A	23.28	14.1		0.8					16.8		
	H	23.28	14.1		0.7				37.8	26.2	3.3	3.1
	Z	23.28	14.8		1.1			-		7.7		
15	A	01.24	11.3		0.9			-	13.5	18.6		
	H	01.24	10.8		0.5			-	15.4	11.8	1.2	3.7
	Z	01.24	11.8		1.0			-	1.4	3.1		
15	A	02.31	02.0		1.0			-	1.6	5.3		
	H	02.31	01.5		0.5				5.3	5.0	1.8	3.2
	Z	02.31	02.4		1.0					0.8		
15	A	03.56	50.1		1.2				11.1	5.4		
	H	03.56	49.0		0.5				15.2	13.4	2.0	3.7
	Z	03.56	50.2		1.2				2.2	3.4		
15	A	10.01	18.6		0.5				9.4	7.9		
	H	10.01	19.6		0.9				0.8	0.6	2.1	2.6
	Z	10.01	19.1		0.7					1.1		
15	A	10.35	30.7		0.7				7.2	7.8		
	H	10.35	31.2		1.1			+	3.6	3.7	2.6	3.3
	Z	10.35	30.5		0.6							
15	A	11.22	53.4		1.3			+	2.6	4.8		
	H	11.22	52.8		1.0			+	5.2	3.3	5.6	3.4
	Z	11.22	53.9		1.7			+				

**Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966**

119

Sep. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude		Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S						E	N	U		E-W	N-S					
17	A H Z	09.27	46.4		1.8				6.8	8.5				18	A H Z	17.57	03.1	0.9				7.8	13.3			
		09.27	45.4		1.0			+	13.6	19.0	4.7	4.1				17.57	02.6	0.6	-	-	-	21.2	12.5	2.4	3.8	
		09.27	46.5		1.9					3.8						17.57	03.3	1.0	-	-	-	3.8	3.2			
17	A H Z	09.52	54.8		0.8				2.6	5.6				18	A H Z	17.59	17.4	1.3	-	-	-	5.2	6.5			
		09.52	55.2		1.1				2.4	2.4	2.1	3.1				17.59	16.1	0.8	-	-	-	11.7	8.7	2.4	3.6	
		09.52	54.5		0.5											17.59	17.1	1.2	-	-	-	2.0	2.2			
17	A H Z	09.54	24.9		1.2			+	8.3	12.6				18	A H Z	19.32	24.8	1.1	-	-	-	3.8	7.5	3.8	3.5	
		09.54	24.6		1.5				10.4	11.2	7.3	4.1				19.32	24.2	0.7	-	-	-	10.3	10.0			
		09.54	25.5		1.4					2.4						19.32	25.1	1.3	-	-	-	1.4	1.2			
17	A H Z	11.49	26.3		0.9				4.0	2.2				19	A H Z	01.36	46.5	0.7				2.2	4.6	1.5	2.9	
		11.49	26.2		1.4			+	2.8	3.4	3.2	3.0				01.36	46.6	1.0	-	-	-	2.8	2.4			
		11.49	25.8		0.5											01.36	46.0	0.5	+	+	+	15.3	18.4			
17	A H Z	21.38	05.2		0.4				4.6	2.7				19	A H Z	03.25	58.9	0.7				3.5	2.2	2.4	2.8	
		21.38	06.0		0.9				0.5	0.5	1.8	2.2				03.25	59.3	0.6				3.0	4.2			
		21.38	05.7		0.7			-		0.8						03.25	59.6	1.1				2.7	1.4			
17	A H Z	22.25	28.8		1.0				4.2	3.6				19	A H Z	05.08	24.4	0.8				2.2	3.1	1.9	2.9	
		22.25	27.8		0.7			+	11.1	17.6	3.1	3.5				05.08	24.8	1.1	-	-	-	2.4	3.0			
		22.25	28.7		1.1			-		2.2						05.08	23.9	0.5				19.8	21.3			
17	A H Z	23.08	36.2		1.1				2.2	2.1				19	A H Z	07.37	57.6	1.2				2.2	4.4	2.9	3.1	
		23.08	36.5		1.1				6.0	6.5	2.7	3.1				07.37	56.9	0.7	-	-	-	3.8	4.2			
		23.08	36.0		0.8			-		2.8						07.37	58.2	1.2	-	-	-	1.4	2.3			
17	A H Z	23.38	35.2		0.9				1.4	2.9				19	A H Z	09.06	23.8	1.4				2.5	2.8	7.3	3.2	
		23.38	36.3		1.2				2.0	2.9	4.2	3.0				09.06	24.5	2.0	+	+	+	1.2	1.4			
		23.38	34.9		0.8			+	4.0	8.7						09.06	23.5	1.3				2.3	3.0			
18	A H Z	00.46	03.4		0.5				2.9					19	A H Z	13.46	47.5	0.7				5.2	6.0			
		00.46	04.3		1.1				2.4	3.4	3.0	2.8				13.46	48.0	1.1				6.0	6.6	3.6	3.3	
		00.46	03.5		0.9					6.8						13.46	47.6	0.8				10.3				
18	A H Z	03.24	39.3		1.7			+	5.4	2.1				19	A H Z	14.06	28.3	0.9				7.4	8.0	2.8	3.3	
		03.24	40.0		2.4				2.0	2.0	7.1	3.4				14.06	28.8	1.1				3.6	4.3			
		03.24	38.9		1.4					5.1						14.06	28.1	0.6	-	-	-	18.4				
18	A H Z	03.56	25.6		0.7				9.4	14.6				19	A H Z	14.56	34.5	0.8				1.9	2.0			
		03.56	26.3		1.0			-	0.8	1.7	3.7	3.1				14.56	34.9	1.2	-	-	-	1.6	1.3	3.3	2.6	
		03.56	25.9		0.9					3.6						14.56	34.0	0.6				6.6				
18	A H Z	04.15	30.8		0.9			+	1.4	4.2				19	A H Z	16.41	57.7	0.8				1.7	1.5	2.7	2.5	
		04.15	30.6		0.8				5.2	5.6	3.9	3.2				16.41	58.2	1.1				1.0	1.6			
		04.15	31.4		1.4					0.6						16.41	57.5	0.6				6.4				
18	A H Z	05.29	52.0		1.0			-	2.1	3.2				19	A H Z	16.47	54.0	0.8				1.6	2.0	1.6	2.7	
		05.29	51.6		0.6				7.6	6.4	0.9	3.1				16.47	54.4	1.0	-	-	-	2.4	1.8			
		05.29	52.1		1.0					2.8						16.47	53.6	0.5	-	-	-	5.6				
18	A H Z	05.58	23.8		0.9				2.1	2.7				19	A H Z	17.06	36.8	0.9				1.8	1.6	1.4	2.6	
		05.58	23.2		0.6			-	1.8	2.6	1.6	2.6				17.06	37.1	1.0	-	-	-	1.9	1.6			
		05.58	23.6		1.0					2.2						17.06	36.2	0.5	-	-	-	5.9				
18	A H Z	08.53	40.8		0.8			+	3.2	3.7				19	A H Z	18.06	26.7	1.1	+	+	+	8.0	4.2	3.5	3.6	
		08.53	41.4		1.1			+	2.6	3.6	3.3	3.0				18.06	26.4	1.0	-	-	-	11.7	9.4			
		08.53	40.5		0.7											18.06	26.4	0.9	-	-	-	7.0				
18	A H Z	09.44	06.6		1.1				4.1	3.7				19	A H Z	21.55	30.9	1.9				6.7	3.9	5.1	4.1	
		09.44	07.3		1.1				0.8	0.7	1.2	2.7				21.55	29.7	1.1	-	-	-	16.6	22.0			
		09.44	05.8		0.6					6.4						21.55	30.9	2.0	-	-	-	2.8				
18	A H Z	09.47	33.5		1.0				1.1	1.4				19	A H Z	22.18	01.2	1.0				2.9	3.2	4.9	3.1	
		09.47	33.6		1.3				0.6	0.6	4.5	2.4				22.18	01.3	1.0				2.4	4.3			
		09.47	32.4		0.8					12.9						22.18	02.1	1.4	-	-	-	2.2				
18	A H Z	11.25	48.8		0.8				2.6	2.3				20	A H Z	03.26	24.7	0.9				1.3	4.8			
		11.25	49.2		1.2				2.4	3.1	2.7	2.9				03.26	24.1	0.5	-	-	-	6.6	4.9	1.9	3.0	
		11.25	48.2		0.5											03.26	24.9	1.0	-	-	-	1.9				
18	A H Z	11.46	09.6		0.9				1.2	1.6				20	A H Z	07.06	20.8	1.0				10.0	7.4	2.0	3.7	
		11.46	09.4		0.9			+	8.0	11.0	2.2	3.1				07.06	20.8	0.8	+	+	+	15.2	13.0			
		11.46	09.3		0.8					5.0						07.06	20.6	0.8	-	-	-	9.6				
18	A H Z	14.08	09.6		0.7			-	4.1	6.2				20	A H Z	07.06	25.5	0.7				1.7	3.6	2.8	3.0	
		14.08	10.1		0.7			+	1.7	3.2	2.4	2.9				07.06	25.6	0.7				6.2	5.8			
		14.08	10.0		0.9			-	0.9	1.1						07.06	25.2	1.0	-	-	-	2.2				
18	A H Z	14.56	42.9		1.0				7.2	10.7				20	A H Z	07.06	52.1	0.8				2.4	1.9	1.8	2.9	
		14.56	42.2		0.5			-	15.2	9.9	2.8	3.6				07.06	52.3	0.8	+	+	+	3.7	4.2			
		14.56	42.9		1.2			-	6.0	4.1						07.06	52.0	0.7	-	-	-	7.0				
18	A H Z	15.02	50.0		1.0			-	3.0	7.0				20	A H Z	09.04	19.2	1.1				1.6	1.8	5.3	3.0	
		15.02	50.0		0.7			-	10.5	7.0	3.1	3.4				09.04	18.9	1.0				2.8	6.1			
		15.02	50.3		1.1			-	5.0	3.2						09.04	20.0	1.5				0.8				
18	A H Z	15.09	51.0		0.9			+	4.3	6.3				20	A H Z	10.04	01.2	1.1				+		4.2	3.5	
		15.09	50.0		0.7				13.6	13.1	2.9	3.5				10.04	00.8	1.0								
		15.09	50.5		1.1			-	2.8	2.8						10.04	01.0	1.0	-	-	-					
18	A H Z	16.45	41.2		0.8				7.0	3.7				20	A H Z	10.15	09.1	1.4				+		4.7	3.3	
		16.45	41.8		1.1			+	3.2	4.3	2.3	3.3				10.15	08.2	0.9								
		16.45	41.0		0.6			-	17.2	7.2						10.15	09.0	1.4								
18	A H Z	17.35	59.1		1.1				3.0	2.8				20	A H Z	12.35	07.3	1.1								

Sep. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
20	A	12.45	13.9		0.8			-	2.2	1.8		
	H	12.45	14.3		1.4				1.0	1.4		
	Z	12.45	14.5		1.3			-	1.1	1.4	5.5	2.7
20	A	13.31	42.2		0.7				0.8	2.4		
	H	13.31	42.4		0.6			-	1.8	1.9	2.1	2.4
	Z	13.31	42.7		1.1				0.8	0.3		
20	A	13.34	42.2		1.2			-	2.2	2.6		
	H	13.34	42.7		1.4			-	2.6	2.0	3.7	3.1
	Z	13.34	41.6		0.7			+	7.2	5.6		
20	A	13.45	57.7		0.6				1.7	2.6		
	H	13.45	58.4		1.0			-	1.9	2.2	1.9	2.7
	Z	13.45	57.5		0.5			-	7.8	12.0		
20	A	16.45	17.5		1.0				1.8	4.6		
	H	16.45	16.8		1.1			+	4.6	6.8	5.1	3.3
	Z	16.45	17.8		1.1			-	2.4	1.1		
20	A	20.45	34.5		1.0				2.6	1.9		
	H	20.45	33.9		0.7			-	5.2	4.1	3.4	3.0
	Z	20.45	35.0		1.0				2.2	1.9		
20	A	23.10	41.3		1.0				2.8	4.9		
	H	23.10	55.5		0.9			+	4.3	7.4	3.2	3.3
	Z	23.10	52.8		0.9				1.1	1.0		
21	A	00.36	38.9		0.8			+				
	H	00.36	38.1		0.6			+	9.0	7.7	2.8	3.3
	Z	00.36	39.0		1.1			-	3.9	3.8		
21	A	03.59	14.8		1.3							
	H	03.59	14.3		0.8			+	13.3	9.4	4.5	3.7
	Z	03.59	15.1		1.3			+	8.7	5.2		
21	A	05.04	33.8		1.3							
	H	05.04	49.4		1.5			-	4.1	2.8	4.0	3.4
	Z	05.04	48.3		0.8			-	10.8	9.4		
21	A	05.29	23.9		1.2							
	H	05.29	24.6		1.5			-	1.6	1.7	4.6	2.9
	Z	05.29	23.5		0.8				5.6	6.7		
21	A	08.09	03.0		0.5							
	H	08.09	05.2		1.1			+	2.8	3.6	2.0	3.2
	Z	08.09	03.0		0.6			-	43.2	12.4		
21	A	08.26	14.3		0.7							
	H	08.26	14.7		1.0			-	1.5	1.6	1.4	2.6
	Z	08.26	14.1		0.5			+	8.0			
21	A	10.43	37.5		0.6							
	H	10.43	38.5		1.1				1.3	1.4	1.7	2.6
	Z	10.43	37.5		0.4				10.1	9.6		
21	A	12.53	04.0		0.5				13.4	12.6		
	H	12.53	04.8		1.0				1.7	1.6	2.9	3.0
	Z	12.53	04.9		0.9				3.9	4.5		
21	A	14.40	36.2		0.7				1.0	2.0		
	H	14.40	36.5		0.9			+	2.0	2.4	3.5	2.6
	Z	14.40	37.2		1.2				0.6	0.4		
21	A	15.49	43.2		1.4				1.6	2.0		
	H	15.49	44.3		2.0			-	1.2	1.5	7.1	3.1
	Z	15.49	43.1		1.2			-	4.5	4.4		
21	A	16.33	48.0		0.6				4.7	8.4		
	H	16.33	48.9		1.3			-	1.7	1.3	2.4	3.0
	Z	16.33	49.0		0.5			+		9.4		
21	A	17.07	53.2		1.0				1.4	3.5		
	H	17.07	52.9		0.8			+	5.6	10.0	4.4	3.3
	Z	17.07	53.9		1.2				1.4	0.8		
21	A	18.22	35.0		0.9				1.0	1.7		
	H	18.22	35.7		1.2				0.6	0.4	2.5	2.4
	Z	18.22	34.6		0.5				7.0	6.3		
21	A	18.43	25.5		1.2				1.9	2.4		
	H	18.43	25.7		1.4			-	2.0	1.8	5.1	3.0
	Z	18.43	24.9		0.9					7.6		
21	A	19.29	25.5		1.0				1.8	2.4		
	H	19.29	25.6		0.9			-	3.6	3.9	1.8	2.9
	Z	19.29	24.9		0.8				4.0	2.4		
21	A	20.48	33.6		0.7				3.0	3.4		
	H	20.48	34.0		1.2				2.0	1.8	2.9	2.8
	Z	20.48	33.0		0.6			-	59.4	18.2		
21	A	20.49	55.3		0.7				2.1	3.4		
	H	20.49	55.7		1.0				1.0	1.2	2.6	2.6
	Z	20.49	54.8		0.6				9.4	16.1		
21	A	22.03	05.9		1.0				22.3	25.4		
	H	22.03	06.7		1.6			+	10.4	11.2	5.9	4.2
	Z	22.03	07.2		1.2			+	44.9	11.4		
21	A	22.36	44.3		1.1							
	H	22.36	43.6		0.6			+				
	Z	22.36	44.8		1.2							
21	A	23.42	33.5		0.7							
	H	23.42	33.4		0.7							
	Z	23.42	34.0		0.8							
22	A	00.46	43.9		0.5				3.9	5.4		
	H	00.46	44.5		0.8				0.4	0.3	2.2	2.2
	Z	00.46	45.0		0.8				0.9	0.4		
22	A	08.44	06.2		1.0				1.6	3.5		
	H	08.44	07.1		0.6				2.8	2.4	1.9	2.8
	Z	08.44	06.7		1.0				0.9	0.9		
22	A	09.47	43.4		0.7				1.8	1.6		
	H	09.47			0.9				1.6	3.3	2.7	2.7
	Z	09.47	43.3		0.7				5.8	2.9		
22	A	12.25	20.4		1.0				1.2	2.0		
	H	12.25	20.3		1.0			+	1.7	2.3	4.3	2.8
	Z	12.25	21.1		1.5			-	0.3			
22	A	19.03	19.6		0.7							
	H	19.03	20.3		1.0			+	5.4	6.4		
	Z	19.03	19.3		0.6			+	3.6	3.3	2.4	3.2
22	A	19.36	14.2		0.8			-	51.4	20.3		
	H	19.36	15.0		1.4			-	4.0	3.9		
	Z	19.36	13.9		0.6			+	2.6	3.9	3.4	3.2
22	A	20.01	01.4		1.6				20.2	19.4		
	H	20.01	00.3		0.9			+	1.8	5.3		
	Z	20.01	01.7		1.5			+	2.1	2.4	2.3	3.2
22	A	21.31	14.8		0.6				2.6	1.4		
	H	21.31	15.6		1.1				1.8	1.7		
	Z	21.31	14.4		0.4			+	1.0	0.7	1.7	2.3
22	A	22.19	17.8		0.8				5.4	6.3		
	H	22.19	18.3		1.1			+	1.2	1.7		
	Z				0.5				1.4	2.0	2.2	2.7
23	A	03.24	04.8		0.9				11.8	8.1		
	H	03.24	04.2		0.6			+	2.0	2.4		
	Z	03.24	05.0		1.1			-	7.5	7.0	2.7	3.0
23	A	05.01	33.9		1.1				5.5	5.7		
	H	05.01	34.2		1.4			-	0.8	1.0		
	Z	05.01	33.2		0.8				0.6	0.8	4.7	2.4
23	A	05.32	17.4		1.0				5.1	2.3		
	H	05.32	18.0		1.5			-	0.8	0.8		
	Z	05.32	16.9		0.5				0.4	0.3	3.1	2.1
23	A	09.03	17.0		1.4				5.0	4.4		
	H	09.03	18.0		2.0			-	0.9	1.7		
	Z	09.03			1.1			-	1.0	1.6	6.7	3.0
23	A	09.53			0.7				3.2	2.6		
	H	09.53	36.8		1.2			-	1.6	1.8		
	Z	09.53	35.8		0.4				1.6	1.6	2.2	2.6
23	A	13.51	46.0		1.0				5.3	3.9		
	H	13.51	45.9		1.0			+	1.9	2.8		
	Z	13.51	46.8		1.7			-	6.4	9.1	3.1	3.3
23	A	14.04	51.3		1.0			-	1.4	1.7		
	H	14.04	51.4		1.0				3.6	5.8		
	Z	14.04	51.9		1.6			-	7.0	10.3	3.2	3.5
23	A	15.44	44.3		1.0				1.3	1.9		
	H	15.44	43.5		0.8				1.4	0.9		
	Z	15.44	44.4		1.1				5.6	6.7	3.9	2.9
23	A	16.27	48.8		0.7			+	0.5	0.6		
	H	16.27	47.5		1.0			+	2.7	3.6		
	Z	16.27	48.3		1.3			+	7.8	6.0	3.3	3.2
23	A	16.51	15.4		0.6				4.0	1.7		
	H	16.51	16.4		1.0				2.4	3.0		
	Z	16.51	15.7		0.6			-	0.4	0.4	2.5	2.2
24	A	01.06	53.4		0.8				18.6	4.5		
	H	01.06	52.6		0.8			-	0.9	2.6		
	Z	01.06	53.5		0.8							

Observations by the Network of the Earthquake Research Institute during
Oct. 1965 to Dec. 1966

121

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
24	A	09.56	38.8		1.3				1.2	1.6		
	H	09.56	38.5		1.4				3.6	5.8		
	Z	09.56	38.3		1.1		-		10.2	8.4	5.7	3.2
24	A	11.14	07.2		1.5				0.4	0.6		
	H	11.14	06.9		1.3				1.9	1.9	3.9	2.7
	Z	11.14	06.9		1.1		+		4.7	1.9		
24	A	12.19	06.0		0.7				3.8	2.5		
	H	12.19	06.9		1.2				0.8	0.7	2.6	2.6
	Z	12.19	05.8		0.5		+		4.3	6.4		
24	A	14.16	26.7		1.0				0.5	1.0		
	H	14.16	28.6		1.1		+		0.9	1.2	5.2	2.5
	Z	14.16	29.6		1.5		-		0.7	0.8		
24	A	14.19			0.9		-		6.4	2.9		
	H	14.19	28.8		1.4		-		3.0	4.1	3.3	3.4
	Z	14.19	27.6		0.6		+		46.7	17.9		
24	A	15.06	46.0		1.0				1.3	1.6		
	H	15.06	46.1		1.1		-		3.0	2.7	3.1	2.8
	Z	15.06	45.5		0.8		+		4.0	4.7		
24	A	16.08	35.9		0.5		+		4.0	4.1		
	H	16.08	36.9		1.1		+		5.1	6.7	2.6	3.1
	Z	16.08	36.3		0.7		-		4.5	3.2		
24	A	16.53	20.4		0.8				39.6	35.0		
	H	16.53	20.9		1.2		+		13.0	20.9	4.7	4.4
	Z	16.53	21.1		1.0		-		27.2	9.8		
24	A	17.12	07.4		0.6				1.1	1.4		
	H	17.12	08.0		1.1		+		1.2	1.4	2.2	2.3
	Z	17.12	07.3		0.6		-		3.1	13.6		
24	A	19.29	16.5		1.2		+		2.4	3.0		
	H	19.29	16.1		0.9		-		10.1	6.1	2.0	3.4
	Z	19.29	16.6		1.0		+		4.4	3.2		
24	A	19.29	22.9		1.3		+		25.8	21.2		
	H	19.29	22.4		1.0		-		29.4	16.6	4.1	4.4
	Z	19.29	23.0		1.1		+		20.8	15.6		
24	A	20.27			1.0		+		2.5	4.0		
	H	20.27	24.8		1.1		-		3.6	3.0	1.5	3.2
	Z	20.27	23.7		0.5		+		32.4	15.0		
24	A	22.21	51.8		1.1				0.7	1.3		
	H	22.21	51.9		0.9		+		1.6	2.4	4.6	2.6
	Z	22.21	52.6		1.5		-		1.1	1.0		
24	A	22.34	15.3		1.0		-		0.9	0.8		
	H	22.34	15.6		1.3		-		0.4	0.4	3.3	2.2
	Z	22.34	14.8		0.6		-		2.6	3.0		
25	A	04.07	47.9		0.7				1.3	1.4		
	H	04.07	48.3		1.1		-		1.1	1.7	1.4	2.5
	Z	04.07	47.7		0.4		-		15.7	7.0		
25	A	05.07	09.4		0.7				1.1	1.4		
	H	05.07	09.9		1.1				0.6	0.6	1.9	2.2
	Z	05.07	08.7		0.5				13.1	21.7		
25	A	05.56	42.0		0.7				40.3	11.2		
	H	05.56	42.5		1.0		+		5.3	9.3	3.9	4.0
	Z	05.56	42.6		1.1		-		11.6	3.9		
25	A	07.01	02.4		1.0		-		1.5	3.1		
	H	07.01	02.4		0.9				3.4	8.2	4.4	3.3
	Z	07.01	03.3		1.5		-		7.6	1.7		
25	A	08.15	08.7		0.9				4.7	3.2		
	H	08.15	09.5		1.0				5.6	5.0	1.4	3.2
	Z	08.15	08.3		0.5		-		10.6	15.9		
25	A	09.22	56.4		0.5				2.2	2.4		
	H	09.22	57.3		0.9				1.1	1.5	2.0	2.4
	Z	09.22	57.5		0.7					1.2		
25	A	10.46	35.6		0.9		+		8.2	8.7		
	H	10.46	36.7		1.6		+		6.5	6.9	4.6	3.7
	Z	10.46	36.2		1.0		+			18.2		
25	A	11.48	10.2		0.5				3.9	4.5		
	H	11.48	10.9		1.0		-		2.0	3.7	2.1	2.9
	Z	11.48	10.5		0.7		-		4.0	2.5		
25	A	14.01	04.5		0.8				1.2	2.1		
	H	14.01	05.1		1.2		-		1.4	1.4	3.2	2.6
	Z	14.01	04.2		0.6		+		8.6	6.2		
25	A	15.59	00.2		0.5				1.8	1.8		
	H	15.59	00.9		1.0				1.8	3.0	2.1	2.5
	Z	15.59	00.7		0.7				2.4	1.8		
25	A	18.29	55.0		0.5				3.2	4.0		
	H	18.29	55.7		0.8				0.5	0.3	1.2	2.1
	Z	18.29	55.6		0.7				0.6	0.6		
Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
25	A	23.16	08.4		1.1				1.6	1.3		
	H	23.16	08.3		1.5				3.6	4.2	5.4	3.0
	Z	23.16	08.1		0.9				17.4	9.4		
26	A	02.33	16.6		0.8				1.3	1.7		
	H	02.33	17.7		0.7				0.6	0.6	3.3	2.1
	Z	02.33	17.5		1.2				1.4	0.5		
26	A	02.35	38.0		0.8				8.6	13.6		
	H	02.35	39.1		1.3				3.4	4.4	3.1	3.5
	Z	02.35	38.1		0.6				75.6	18.0		
26	A	02.36	22.3		0.7				1.2	1.0		
	H	02.36	23.1		1.1				0.4	0.2	2.3	2.0
	Z	02.36	22.3		0.5				19.6	8.6		
26	A	05.38	32.3		1.0				4.7	3.2		
	H	05.38	32.7		1.3			-	6.0	4.6	5.3	3.4
	Z	05.38	32.0		1.0		+		27.8			
26	A	06.09	14.6		0.5				5.3	6.4		
	H	06.09	15.4		0.9		-		1.8	1.4	2.4	2.8
	Z	06.09	15.0		1.0				2.3	1.2		
26	A	10.51	02.1		0.5				1.4	1.3		
	H	10.51	03.1		1.0				0.5	0.5	2.5	1.9
	Z	10.51	02.5		0.8		-		3.8	1.6		
26	A	14.17	52.0		0.5		+		10.9	11.8		
	H	14.17	52.8		1.0				1.4	1.0	2.3	2.9
	Z	14.17	52.7		0.7				1.2	1.3		
26	A	15.26	59.7		1.0		+		3.5	2.8		
	H	15.26	59.4		0.7		-		11.7	9.4	2.2	3.3
	Z	15.26	59.8		1.0		-		6.7	3.2		
26	A	20.45	04.5		0.8		-		6.0	8.4		
	H	20.45	05.4		1.1				1.3	1.8	4.4	3.1
	Z	20.45	05.2		1.1				7.5	2.9		
26	A	23.05	16.5		0.8				11.2	7.6		
	H	23.05	17.6		1.4		+		3.0	3.1	4.3	3.4
	Z	23.05	16.1		0.8		+		40.6	8.2		
27	A	00.29	10.7		1.6				0.9	3.3		
	H	00.29	10.1		1.0		+		2.1	2.3	5.1	3.1
	Z	00.29	12.0		0.6				2.0	1.1		
27	A	03.10	09.5		0.5				4.2	2.4		
	H	03.10	11.1		0.9		+		0.5	0.7	2.1	2.4
	Z	03.10	09.8		0.7		-		2.2	1.2		
27	A	03.10	51.9		0.6		+		13.4	15.0		
	H	03.10	53.2		1.0		+		0.9	1.0	3.0	3.0
	Z	03.10	52.6		0.8				1.8	1.8		
27	A	04.39	40.1		1.2		-		2.1	1.5		
	H	04.39	41.4		2.0				2.9	4.0	4.5	3.3
	Z	04.39	39.8		1.0				9.0	6.6		
27	A	04.42	56.8		0.7		-		6.4	5.8		
	H	04.42	55.7		1.5		+		3.7	4.3	2.8	3.3
	Z	04.42	54.1		0.7		-		2			

Sep. 1966 - Oct. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
27	A	20.13	44.3		0.8				2.3	2.6		
	H	20.13	45.4		1.2				1.7	1.8	2.9	2.8
	Z	20.13	43.9		0.6			+	25.4			
27	A	22.03	51.2		0.5				5.1	4.7		
	H	22.03	52.0		1.0				1.2	1.2	2.8	2.6
	Z	22.03	51.5		1.0			-	3.3			
27	A	23.02	06.8		0.6			-	24.8	30.4		
	H	23.02	07.5		0.8				1.6	2.6	2.3	3.4
	Z	23.02	07.2		1.2			-	3.2			
28	A	00.06	48.8		1.2				1.1	2.2		
	H	00.06	48.4		0.8			+	2.2	2.8	3.9	2.8
	Z	00.06	49.1		1.3				1.7			
28	A	00.26	36.0		1.1				1.2	0.7		
	H	00.26	36.0		1.0			-	3.4	3.4	3.1	2.8
	Z	00.26	35.6		0.9			-	3.8			
28	A	00.51	55.1		0.9			-	5.3	8.6		
	H	00.51	55.8		1.2			+	6.4	6.6	5.2	3.5
	Z	00.51	55.9		1.4			-	3.2			
28	A	02.02	50.7		1.0				1.6	1.1		
	H	02.02	50.7		0.9			-	2.0	1.5	2.0	2.6
	Z	02.02	50.5		0.8				2.8			
28	A	02.04	22.8		1.2				1.9	3.1		
	H	02.04	22.3		0.8			+	2.4	2.0	3.7	2.9
	Z	02.04	22.9		1.2				4.1			
28	A	03.07	08.2		1.0			-	5.0	6.6		
	H	03.07	09.3		1.7			-	3.3	4.5	4.9	3.5
	Z	03.07	07.7		0.9			+				
28	A	07.33	10.0		1.2				1.2	4.0		
	H	07.33	09.4		0.6			+	5.4	4.4	2.1	3.1
	Z	07.33	10.1		1.2				2.0	1.6		
28	A	11.47	54.8		0.8				1.2	2.8		
	H	11.47	55.4		1.5			-	1.7	1.5	2.4	2.8
	Z	11.47	54.2		0.4							
28	A	15.56	40.5		1.9				4.6	13.3		
	H	15.56	39.6		1.2				8.0	8.4	2.8	4.1
	Z	15.56	40.5		1.7				5.0	3.0		
28	A	15.57	23.6		1.7				0.8	2.6		
	H	15.57	22.6		1.3			+	1.6	2.5	5.8	3.2
	Z	15.57	23.4		1.5				1.2			
28	A	16.25	28.5		0.8				1.4	1.6		
	H	16.25	29.2		1.2				0.6	0.6	3.0	2.3
	Z	16.25	27.9		0.5				16.3	5.7		
28	A	16.50	50.3		0.5			+	12.1	34.2		
	H	16.50	51.0		0.9				0.7	0.7	2.7	3.1
	Z	16.50	50.9		0.8			-	1.3	0.4		
28	A	19.50	42.5		1.1			+	3.4	2.3		
	H	19.50	42.2		1.0			-	6.0	5.6	3.7	3.3
	Z	19.50	42.3		1.0			-	8.6	5.4		
28	A	20.19	05.7		0.6				16.9	14.8		
	H	20.19	06.6		1.0				1.8	1.6	3.4	3.2
	Z	20.19	06.0		0.9			-	6.1	4.1		
28	A	21.24	01.3		0.8				2.4	2.3		
	H	21.24	01.0		0.6			-	3.2	3.4	2.0	2.7
	Z	21.24	01.4		0.9				2.0	0.9		
28	A	22.45	00.3		1.2				3.5	16.0		
	H	22.44	59.5		1.0			+	7.9	6.2	4.8	3.8
	Z	22.45	00.3		1.2				5.7	2.9		
28	A	23.53	01.0		1.5				2.2	1.7		
	H	23.53	01.6		1.9				2.4	2.4	7.2	3.2
	Z	23.53	00.6		1.2				4.8	5.6		
29	A	07.34	17.4		0.7				5.0	7.4		
	H	07.34	18.4		1.1				1.1	1.8	2.2	3.0
	Z	07.34	17.1		0.5				77.1			
29	A	08.48	24.2		0.8				4.6	6.4		
	H	08.48	24.6		1.0			+	0.8	1.0	3.1	2.8
	Z	08.48	24.5		0.7			-	2.8	2.4		
29	A	12.03	23.8		1.0				2.2	4.4		
	H	12.03	23.7		1.1			-	1.8	1.9	5.0	3.0
	Z	12.03	23.3		1.0				4.6	6.6		
29	A	15.34	48.4		1.0			+	1.8	1.9		
	H	15.34	48.6		1.0				4.7	4.3	3.7	3.0
	Z	15.34	48.4		0.9			-	4.5	2.4		
29	A	15.38	45.5		1.0				0.8	0.6		
	H	15.38	45.4		0.9				1.2	1.0	2.9	2.0
	Z	15.38	45.6		0.8				4.5	2.1		
1966 October												
01	A	00.04	29.4		1.2							
	H	00.04	27.9		0.9							
	Z	00.04	29.3		1.2			-			1.0	0.2
01	A	01.42	28.2		0.8						1.2	0.5
	H	01.42	29.1		1.5						0.6	0.4
	Z	01.42	28.1		0.6						3.4	4.6
01	A	01.57	12.2		1.0						7.0	4.2
	H	01.57	13.3		1.6						5.1	5.8
	Z	01.57	11.9		0.7			+			49.3	
01	A	17.06	57.5		0.8						1.1	0.7
	H	17.06	57.6		1.2			+			0.2	0.3
	Z	17.06	57.0		0.5						6.2	4.7
01	A	21.35	54.2		0.7						1.4	0.8
	H	21.35	54.5		1.0						4.0	5.2
	Z	21.35	54.8		1.1						1.4	0.3

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

123

Oct. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
01	A	14.51	23.4		1.0				1.9	2.4		
	H	14.51	23.0		0.8			-	8.3	13.0	1.4	3.3
	Z	14.51	23.2		0.7			-	2.3	2.1		
01	A	15.03	59.1		0.7				2.6	3.4		
	H	15.03	59.0		0.8			-	1.9	1.7	3.2	2.7
	Z	15.03	59.6		1.0			-	0.8	0.7		
01	A	22.29	18.5		1.5				0.7	1.2		
	H	22.29	18.4		2.0				0.4	0.4	7.6	2.6
	Z	22.29	17.8		1.3				3.4	4.4		
02	A	01.16	51.6		0.7				4.0	4.8		
	H	01.16	51.9		0.8			+	1.6	2.0	3.5	2.8
	Z	01.16	52.5		1.1			-	1.6	0.8		
02	A	04.25	15.2		1.0				0.8	0.5		
	H	04.25	15.2		1.2				0.8	0.7	2.5	2.3
	Z	04.25	14.9		0.6				3.3	6.0		
02	A	04.25	36.9		1.0				1.5	0.7		
	H	04.25	36.5		1.0				1.8	1.0	4.3	2.6
	Z	04.25	36.4		1.0				6.0	3.7		
02	A	04.33	34.6		0.9				1.3	1.0		
	H	04.33	35.5		1.7				0.4	0.6	2.5	2.5
	Z	04.33	34.0		0.7				3.4	2.5		
02	A	06.45	12.8		0.9				1.2	2.2		
	H	06.45	13.1		1.2				0.6	0.3	2.4	2.4
	Z	06.45	12.1		0.5							
02	A	07.11	16.0		0.9				1.6	3.1		
	H	07.11	16.3		1.2			-	0.8	0.6	2.5	2.6
	Z	07.11	15.4		0.5			+	21.9			
02	A	08.20	20.7		1.4				2.2	4.0		
	H	08.20	19.8		0.8				7.1	7.1	1.8	3.3
	Z	08.20	20.4		1.2				5.8	3.4		
02	A	10.40	02.6		0.7				0.6	1.3		
	H	10.40	02.8		1.0			+	0.9	0.9	3.8	2.3
	Z	10.40	03.4		1.1				0.4	0.3		
02	A	12.21	27.4		0.9				3.2	2.6		
	H	12.21	28.1		0.4				0.5	0.7	3.3	2.7
	Z	12.21	26.8		0.6			+	6.0	6.5		
02	A	13.23	21.9		1.0				1.5	1.8		
	H	13.23	21.4		1.0			-	5.2	4.1	2.9	3.0
	Z	13.23	21.7		0.8			-	9.5	7.5		
02	A	14.27	48.0		1.0				1.4	1.5		
	H	14.27	47.7		0.8			-	2.6	3.2	0.9	2.7
	Z	14.27	48.0		0.8			-	4.3	2.3		
02	A	16.07	16.5		1.0				1.4	1.0		
	H	16.07	16.3		0.9				2.4	2.2	3.9	2.7
	Z	16.07			1.0				4.5	2.6		
02	A	16.10	24.6		1.5				4.4	3.0		
	H	16.10	25.5		1.9			+	1.4	2.3	7.2	3.4
	Z	16.10	24.5		1.2			+	22.4			
02	A	18.26	24.6		0.8				1.0	1.9		
	H	18.26	24.5		0.7			-	2.2	3.2	2.2	2.9
	Z	18.26	25.0		0.9				1.5			
02	A	19.23			1.4				3.7	2.5		
	H	19.23			2.0			+	0.7	1.2	7.1	2.3
	Z	19.23			1.2				8.9	5.0		
02	A	23.25	42.1		0.9				0.8	1.1		
	H	23.25	41.8		0.8				4.2	5.8	1.6	2.8
	Z	23.25	41.9		0.8			-	3.8	2.7		
03	A	04.35	26.6		1.0				1.5	1.5		
	H	04.35	26.0		0.6			-	3.0	4.4	1.7	2.7
	Z	04.35	26.8		1.0				2.4	1.1		
03	A	06.44	00.0		1.8				3.8	3.6		
	H	06.43	59.1		1.4			-	11.9	11.2	8.2	3.8
	Z	06.44	00.3		2.0				1.4	0.8		
03	A	07.25	25.8		0.8				33.4	38.4		
	H	07.25	25.9		1.0			+	9.2	13.0	4.0	4.1
	Z	07.25	26.6		1.3				11.2	7.4		
03	A	13.46	34.8		0.7				15.5	10.0		
	H	13.46	35.3		1.1				4.0	4.9	3.1	3.5
	Z	13.46	34.4		0.7			-	19.1			
03	A	14.57	53.4		1.4				2.8	2.4		
	H	14.57	54.3		2.1			-	2.7	1.6	6.2	3.4
	Z	14.57	53.4		1.2			+	11.4	8.8		
03	A	15.52	22.9		0.9				2.2	8.6		
	H	15.52	22.3		0.8			+	4.6	6.1	3.6	3.4
	Z	15.52	23.3		1.1			-	2.4	1.9		
03	A	16.45	36.2		0.7				0.8	1.2		
	H	16.45	36.0		1.0				0.7	0.9	1.0	2.2
	Z	16.45	35.3		0.4			-				
03	A	20.05	24.5		1.1				1.5	1.4		
	H	20.05	23.9		0.9			-	2.6	3.2	3.7	2.8
	Z	20.05	24.3		1.0				2.3	0.8		
03	A	20.23	45.1		1.1				0.7	0.8		
	H	20.23	44.1		0.8				3.2	2.1	1.5	2.6
	Z	20.23			0.9				2.0	1.4		
03	A	22.30	13.2		0.6				4.2	3.8		
	H	22.30	13.8		1.0				0.6	0.9	3.2	2.6
	Z	22.30	13.4		0.8			-	5.3	1.9		
03	A	23.08	22.8		1.3				1.7	1.2		
	H	23.08	22.3		0.8				3.2	3.1	2.3	2.9
	Z	23.08	23.0		1.1				1.6	1.2		
04	A	00.04	41.7		1.1				1.2	1.6		
	H	00.04	41.4		1.1				3.8	4.4	4.0	3.0
	Z	00.04	41.4		0.9				12.4	5.3		
04	A	01.38	36.6		1.0				0.6	1.8		
	H	01.38	36.6		1.4			+	1.4	1.6	5.7	2.8
	Z	01.38	37.2		1.5				0.7	0.2		
04	A	02.43	50.6		1.1				3.2	3.4		
	H	02.43	50.3		1.1			-	6.0	7.0	4.1	3.3
	Z	02.43	50.6		0.9			+				
04	A	09.28	35.1		1.2				0.8	1.0		
	H	09.28	36.0		1.9			-	1.0	1.0	5.2	2.6
	Z	09.28	34.7		1.0			+	2.0	2.4		
04	A	13.18	09.7		0.7				3.3	1.9		
	H	13.18	08.0		1.0			+	2.6	4.2	2.3	3.0
	Z	13.18	09.1		1.4				1.6	2.1		
04	A	13.53	35.0		0.8				1.8	1.4		
	H	13.53	34.5		0.7				2.2	3.8	1.9	2.6
	Z	13.53	34.9		0.8			-	6.1	4.0		
04	A	16.04	48.9		1.3				0.6	0.8		
	H	16.04	50.2		2.0			-	0.6	0.4	5.9	2.5
	Z	16.04	49.0		1.1			-	1.6	2.6		
04	A	16.21	49.6		1.1			+	0.9	1.0		
	H	16.21	49.7		1.3			-	1.6	2.0	4.3	2.7
	Z	16.21	48.7		0.8			+	11.6	9.4		
04	A	18.31	39.6		1.0				3.9	2.2		
	H	18.31	38.6		0.8			-	2.9	5.7	3.4	3.1
	Z	18.31	39.3		1.1				2.0	2.4		
04	A	19.59	30.3		1.1				0.5	1.0		
	H	19.59	30.1		1.1			+	0.6	0.6	5.6	2.3
	Z	19.59	30.8		1.5				0.3			
05	A	00.38	19.1		1.2				1.8	1.6		
	H	00.38			0.9			-	4.0	3.8	3.6	2.9
	Z	00.38	18.9		1.1				2.7	2.3		
05	A											

Oct. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude	Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S					E	N	U		E	W	N-S				
05	A H Z	20.06	26.4	0.9			+	1.1	2.5				07	A H Z	08.55	14.3	1.0				1.4	5.3			
		20.06	25.6	0.6				2.2	2.8	2.0	2.7				08.55	13.6	0.7	+		6.6	6.1	3.7	3.2		
		20.06	27.1	1.0				0.6	1.0						08.55	15.1	1.3	-		1.1	2.1				
05	A H Z	20.38	09.3	0.6				10.8	30.5				07	A H Z	08.55	33.6	0.9			1.8	2.0				
		20.38	09.8	1.2			+	1.0	3.4	3.3	3.6				08.55	34.2	1.0	-		0.8	0.6	1.1	2.4		
		20.38	09.7	0.9											08.55	33.2	0.5		9.2						
06	A H Z	00.05	06.3	1.2				0.9	0.9				07	A H Z	09.14	15.5	0.9			2.5	2.4				
		00.05	06.3	1.4			-	0.8	0.8	4.1	2.5				09.14	15.9	1.4	-	1.2	1.0	3.0	2.7			
		00.05	05.8	0.8				3.1	6.3						09.14	15.3	0.5								
06	A H Z	01.12	29.7	0.4				7.2	11.2				07	A H Z	09.14	36.6	0.8			2.0	2.6				
		01.12	30.1	0.9				0.4	0.6	2.1	2.5				09.14	37.1	1.1	-	1.8	1.9	2.3	2.7			
		01.12	30.2	0.8				0.8	0.7						09.14	36.2	0.6	+							
06	A H Z	06.44	47.9	1.1				1.0	1.0				07	A H Z	11.05	56.7	0.6			1.6	3.3				
		06.44	48.0	1.4				0.9	0.8	4.1	2.5				11.05	56.9	0.7		1.0	1.6	2.1	2.5			
		06.44	47.5	0.7				10.4	8.2						11.05	57.1	0.9		0.4						
06	A H Z	09.35	09.4	0.5				3.6	4.8				07	A H Z	15.17	10.3	1.1			1.4	2.0				
		09.35	10.3	0.9				0.9	0.8	1.4	2.5				15.17	10.2	1.0		5.5	7.2	4.4	3.1			
		09.35	10.0	0.6				0.8	1.0						15.17	10.1	1.0		22.4	8.6					
06	A H Z	11.05	36.7	1.6				2.9	2.0				07	A H Z	16.29	09.0	0.6	-	1.0	3.7					
		11.05	37.5	2.2				4.7	3.3	6.7	3.6				16.29	09.2	0.7	+	4.0	4.8	2.2	2.8			
		11.05	36.4	1.2				4.1	5.0						16.29	09.8	1.0		1.2	1.7					
06	A H Z	11.31	40.3	0.7				28.0	32.1				07	A H Z	20.20	45.6	1.0			2.4	2.6				
		11.31	40.7	1.0			+	6.4	8.0	3.9	3.9				20.20	45.2	0.9		3.6	3.7	2.8	2.9			
		11.31	40.8	1.1				9.0	5.3						20.20	45.6	0.8		7.0	1.7					
06	A H Z	12.00	05.6	0.6				3.9	4.4				07	A H Z	20.50	18.1	1.4		1.6	4.7					
		12.00	06.2	0.7				0.6	0.5	2.4	2.3				20.50	16.7	0.7	+	7.3	6.3	3.9	3.3			
		12.00	06.0	1.0				0.8	1.3						20.50	18.4	1.5		1.3	1.6					
06	A H Z	12.34	40.1	1.4				0.8	0.7				07	A H Z	23.02	12.1	1.1		1.3	2.5					
		12.34	40.7	2.2				0.4	0.3	3.6	2.5				23.02	12.3	2.0	+	1.3	2.1	3.6	3.1			
		12.34	39.6	1.1				0.8	0.8						23.02	11.9	1.3		2.9	2.8					
06	A H Z	16.13	40.7	0.6									07	A H Z	23.03	41.7	1.6		0.7	1.0					
		16.13	41.6	1.1			+	5.0	5.4	3.1	3.3				23.03	42.3	2.0		0.5	0.4	8.5	2.6			
		16.13	41.5	1.2			-	5.8	5.6						23.03	41.5	1.4		2.6	2.9					
06	A H Z	16.13	50.2	0.4				6.6	10.4				08	A H Z	01.44	06.1	1.2		0.6	1.2					
		16.13	51.2	0.8			+	2.2	2.0	1.6	2.8				01.44	06.2	1.4		1.2	1.3	4.7	2.7			
		16.13	50.8	0.8			-	1.4	1.0						01.44	05.6	0.9	+	3.6	3.3					
06	A H Z	16.28	28.0	0.5				5.9	7.0				08	A H Z	07.47	20.5	0.7		2.8	3.8					
		16.28		1.0				1.0	1.1	2.7	2.7				07.47	20.4	1.0		0.6	0.8	3.4	2.5			
		16.28	28.6	0.8			-	1.2	1.0						07.47	21.0	1.0		0.6	0.4					
06	A H Z	17.01	19.7	0.9				1.1	1.6				08	A H Z	09.36	54.6	1.1		1.0	1.2					
		17.01	20.3	1.4			-	1.0	1.0	4.3	2.6				09.36	55.2	1.3		0.4	0.3	1.8	2.2			
		17.01	19.6	0.7				1.3	2.4						09.36	54.1	0.5		9.3	6.8					
06	A H Z	17.27	18.0	0.5				4.5	3.4				08	A H Z	12.01	45.7	1.0		0.8	0.8					
		17.27	18.7	0.8				0.8	0.7	2.1	2.4				12.01	46.5	1.7	+	0.5	0.6	4.5	2.4			
		17.27	18.5	0.8			-	1.0	1.2						12.01	45.3	0.8		1.8	2.6					
06	A H Z	17.30	20.0	1.0				1.1	1.8				08	A H Z	16.01	15.3	1.1		2.1	6.5					
		17.30	19.5	1.1			-	5.3	8.0	4.4	3.2				16.01	14.5	0.7	+	3.8	4.6	2.9	3.2			
		17.30	19.9	0.9			-	10.2							16.01	15.6	1.2		4.2	4.1					
06	A H Z	18.34	44.7	1.1				1.6	1.9				08	A H Z	19.13	33.7	0.7		1.6	1.8					
		18.34	44.7	1.1			+	2.4	3.5	5.8	2.9				19.13	34.4	1.3		0.4	0.4	2.2	2.2			
		18.34	45.5	1.5			-	0.9	1.1						19.13	33.1	0.4	+	5.2	7.0					
06	A H Z	19.06	37.7	1.6				1.8	2.1				08	A H Z	19.31	16.1	1.4		1.8	2.2					
		19.06	38.0	2.0				1.0	0.7	8.3	3.0				19.31	15.6	1.0		10.0	7.0	4.4	3.3			
		19.06	37.5	1.4				3.6	3.9						19.31	16.0	1.3	+	4.6	4.9					
06	A H Z	21.01	33.4	1.2				1.0	1.4				08	A H Z	20.52	37.7	1.2		0.9	1.3					
		21.01	33.2	1.6			-	1.8	2.4	6.1	3.0				20.52	37.5	0.9	-	2.8	2.0	2.7	2.7			
		21.01	33.0	1.0			-	4.0	6.4						20.52	37.8	1.0		4.6	2.4					
06	A H Z	21.07	44.8	0.9				7.1	7.1				08	A H Z	23.08	18.5	0.9		2.2	3.6					
		21.07	45.2	1.1			+	4.0	5.6	4.0	3.4				23.08	18.5	1.2	+	5.8	4.8	5.3	3.3			
		21.07	44.7	0.8											23.08	19.1	1.2		3.2	1.9					
07	A H Z	03.11	37.6	1.3				1.4	2.5				08	A H Z	23.13	15.9	1.1		1.9	3.2					
		03.11	37.0	1.0			-	4.4	4.6	3.4	3.1				23.13	15.3	0.8		6.2	5.6	2.3	3.2			
		03.11	37.7	1.0				3.4	3.3						23.13	15.9	1.0	-	2.4	2.9					
07	A H Z	05.31	12.1	0.8				2.4	1.8				08	A H Z	23.59	37.3	0.9		9.4	8.2					
		05.31	12.9	1.2				0.6	0.7	3.2	2.5				23.59	37.7	1.2		2.8	3.9	5.1	3.4			
		05.31	12.1	0.6			+	4.8	3.4						23.59	37.6	1.3	-	6.0	1.8					

**Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966**

125

Oct. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude	Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S					E	N	U		E-W	N-S					
09	A	14.11	48.3		1.3				1.1	2.2	4.9	3.0	12	A	03.35	46.8	1.4			16.0	9.6	3.8	4.3		
	H	14.11	48.3	1.4				1.8	2.2	12.9				25.0											
	Z	14.11	47.7	0.9			-	26.5		33.4															
09	A	15.28	09.6		1.5				1.2	3.1	6.0	3.5	12	A	03.42	33.1	1.0			1.5	0.6	3.7	2.6		
	H	15.28	08.4	1.0				8.0	9.6	1.2				1.4											
	Z	15.28	10.0	1.8				1.0	1.2	4.1				3.1											
09	A	15.48	25.2		1.5				1.0	0.4	6.1	2.8	12	A	04.53	23.8	0.8			1.3	2.6	3.3	2.3		
	H	15.48	24.3	1.0			-	2.9	4.1	0.4				0.4											
	Z	15.48	25.8	1.8				0.4	0.4	2.0				3.2											
09	A	16.34	25.1		0.7				1.8	1.6	3.7	2.6	12	A	05.54	22.0	1.6			2.4	2.7	7.6	3.3		
	H	16.34	26.2	1.4			+	1.2	1.5	2.1				2.0											
	Z	16.34	25.3	0.8				1.8	3.6	5.6				5.4											
09	A	18.28	38.8		0.9				0.7	1.2	2.8	2.1	12	A	07.56	42.7	1.0			1.6	1.2	4.1	3.0		
	H	18.28	38.9	0.9				0.5	0.3	1.7				5.8											
	Z	18.28	38.7	0.8				0.7	0.6	6.4				4.4											
09	A	19.11	07.5		1.5				6.5	3.6	5.4	3.8	12	A	09.02	33.7	1.0			2.1	9.6	3.9	3.6		
	H	19.11	06.3	0.9			-	14.9	14.7	0.9				33.2											
	Z	19.11	07.7	1.7			-	2.2	2.1	0.9				34.6											
09	A	22.36	31.8		0.9				1.4	0.6	1.6	2.5	12	A	09.38	06.2	0.9			0.7	0.4	3.1	2.0		
	H	22.36	31.3	0.9			-	1.8	1.5	0.9				0.8											
	Z	22.36	31.6	0.7				2.4	2.2	0.9				0.6											
10	A	02.04	31.8		0.7				0.8	1.0	3.2	2.2	12	A	10.31	11.4	1.5			3.1	2.6	7.0	3.6		
	H	02.04	32.6	1.5				0.6	0.4	4.6				5.2											
	Z	02.04	31.7	0.7			+	1.5	1.4	5.6				11.0											
10	A	02.24	20.9		1.3				0.7	1.0	7.0	2.3	12	A	10.32	50.0	0.9			0.8	1.4	4.5	2.4		
	H	02.24	21.4	1.7				0.2	0.3	0.8				1.0											
	Z	02.24	20.7	1.2				1.8	1.6	0.6															
10	A	06.07	07.7		0.8				4.2	8.0	3.2	3.1	12	A	11.23	29.6	1.0			0.8	0.5	3.2	2.4		
	H	06.07	08.2	1.3			-	1.4	2.0	1.4				1.6											
	Z	06.07	07.3	0.6			+	11.8	9.8	3.5				1.9											
10	A	14.00	25.9		1.0				1.8	1.4	5.8	2.9	12	A	11.33	59.0	1.7			0.8	1.2	7.0	2.8		
	H	14.00	26.5	1.5			+	1.2	1.8	0.6				0.6											
	Z	14.00	25.9	1.1				5.2	3.3	2.2				3.9											
10	A	16.00	52.4		0.8				1.6	2.1	3.8	2.4	12	A	12.04	43.1	0.9			0.8	1.2	4.7	2.5		
	H	16.00	53.4	1.3				0.4	0.6	0.9				1.4											
	Z	16.00	52.6	0.7				1.4	2.3	0.5				0.4											
11	A	01.25	51.1		1.5				2.9	4.5	3.4	3.5	12	A	12.50	27.3	1.1			0.8	1.0	3.1	2.5		
	H	01.25	49.8	0.8			+	7.6	7.6	1.1				2.0											
	Z	01.25	51.3	1.5			-	1.9	3.5	2.3				1.5											
11	A	01.28	13.7		0.9				1.2	0.5	2.5	2.4	12	A	13.20	10.4	1.4			1.8	1.2	6.2	3.0		
	H	01.28	13.5	0.9				1.2	1.2	1.1				1.2											
	Z	01.28	13.6	0.8			-	3.9	3.4	1.4				3.1											
11	A	01.32	43.2		0.8				6.0	9.0	3.3	3.2	12	A	14.54	37.9	0.6			1.8	2.6	2.9	2.4		
	H	01.32		1.1			+	1.8	2.4	0.7				1.3											
	Z	01.32	42.5	0.7			+	46.7		8.5				3.5											
11	A	01.57	12.6		0.8				1.9	3.1	3.1	2.6	12	A	14.58		1.1			1.1	3.4	2.4	3.0		
	H	01.57	13.2	1.2				1.0	0.9	5.6				5.4											
	Z	01.57	12.4	0.6				2.3	4.4	0.9				1.2											
11	A	02.18	56.1		1.0				0.8	1.1	3.5	2.9	12	A	18.12	42.1	1.0			0.6	1.2	3.7	2.6		
	H	02.18	55.9	1.0			-	4.0	5.8	2.2				1.9											
	Z	02.18	55.7	0.9			-	6.6	4.4	5.8				3.4											
11	A	04.03	33.2		0.8					54.3	4.3	4.3	12	A	18.22	59.6	0.8			2.1	3.9	1.1	2.8		
	H	04.03	33.6	1.1			+	12.0	19.8	1.2				1.3											
	Z	04.03	33.9	1.1			-	9.8	5.8	66.0															
11	A	04.04	42.0		0.7				8.4	12.2	3.8	3.1	13	A	00.07	26.6	1.1			1.3	2.4	1.3	3.0		
	H	04.04	42.4	1.0			+	1.5	1.8	4.1				4.8											
	Z	04.04	42.7	1.0			-	2.4	2.0	2.2				2.0											
11	A	04.05	01.3		0.7				9.8	10.8	3.6	3.1	13	A	07.38	19.6	1.0			3.1	2.0	3.0	3.3		
	H	04.05	01.7	0.9				1.9	2.2	5.5				11.7											
	Z	04.05	01.8	1.0			-	2.7	2.1	3.8				3.5											
11	A	06.18	27.5		0.7				0.8	1.0	1.5	2.2	13	A	09.10	41.8	1.6			0.8	1.1	8.6	2.8		
	H	06.18	27.4	0.7				1.3	1.8	0.8				0.6											
	Z	06.18	27.9	0.8			-	0.9	0.6	3.1				4.1											
11	A	06.21	14.6		0.9				2.4	3.7	5.3	2.9	13	A	09.35	33.3	1.5			1.0	0.5	3.5	2.7		
	H	06.21	14.9	1.2			+	1.3	2.0	1.0				0.8											
	Z	06.21	15.2	1.2				2.6	2.6	1.8				2.5											
11	A	08.48	07.3		0.7				0.7	0.7	3.6	1.9	13	A	14.54	57.0	0.7			1.0	2.4	0.9	2.4		
	H	08.48	08.1	1.5				0.2	0.3	0.8				0.7											
	Z	08.48	07.5	0.9				0.6	1.3	5.7															
11	A	12.54	01.3		2.0				1.2	3.0	8.5	3.7	13	A	17.25		1.1			1.8	0.8	3.2	2.8		
	H	12.54	00.5	1.5			-	5.0	7.2	3.0				2.5											
	Z	12.54	01.4	2.1			-	0.8	0.7	3.0				1.8											
12	A	01.22	06.6		0.9				6.0	5.9	1.4	3.1	13	A	17.54	56.1	1.1			5.1	14.6	2.4	3.9		
	H	01.22	05.9	0.6				5.3	6.0	14.9				7.9											
	Z	01.22	07.0	0.9			-	1.8	2.3	10.1				7.6											

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Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude			Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S							h	m	s		E	N	U	E-W	N-S		
13	A	18.13	00.6	1.4	+		1.6	2.2	2.3	3.0				15	A	12.34	52.6	0.8			1.1	2.9	2.1	2.8			
	H	18.13	00.0	0.8			4.2	3.4							2.4	1.7											
	Z	18.13	00.9	1.2			1.3	2.1							1.6	1.4											
13	A	18.46	20.9	1.0	-		1.1	3.9	1.4	3.0				15	A	15.05	16.4	0.9	-		1.6	1.4	3.2	2.0			
	H	18.46	20.4	0.7			3.4	3.4							5.8	5.3											
	Z	18.46	21.0	0.9			2.4	1.6							14.6	5.5											
13	A	19.59	55.2	1.1	-		3.6	2.6	0.9	3.3				16	A	02.10	46.4	0.6			3.4	5.5	3.1	2.5			
	H	19.59	54.8	0.7			10.5	7.0							0.6	0.4											
	Z	19.59	55.5	1.0			6.7	4.0							0.8	0.5											
13	A	22.09	58.8	0.9	-		10.4	8.1	1.4	3.3				16	A	13.33	42.1	0.7			1.2	1.4	3.1	2.1			
	H	22.09	58.3	0.6			4.4	6.1							0.8	0.6											
	Z	22.09	58.7	0.9			4.4	4.9							0.6	0.6											
13	A	23.51	27.4	1.0	-		1.1	1.2	2.8	2.7				16	A	13.54	31.6	0.8	+		0.7	1.8	3.1	2.5			
	H	23.51	27.0	0.9			2.4	3.1							0.6	0.5											
	Z	23.51	27.4	0.9			3.5	4.2							2.4	5.6											
14	A	02.28	34.5	1.3	+		3.2	2.0	7.4	3.1				16	A	14.07	07.0	0.6			1.1	1.3	3.2	2.0			
	H	02.28	35.2	1.8			1.0	1.2							0.6	0.4											
	Z	02.28	34.7	1.3			13.3	3.6							0.8	0.2											
14	A	07.54	53.4	0.9	-		1.3	1.6	1.6	2.7				16	A	17.40	02.6	0.9			1.0	2.6	2.8	2.6			
	H	07.54	53.6	1.1			1.9	2.2							1.8	1.8											
	Z	07.54	53.0	0.5			18.6								2.7	2.9											
14	A	08.15	54.7	1.0	-		1.0	2.1	1.7	3.3				16	A	20.17	49.7	1.0	-		1.4	1.0	3.1	2.7			
	H	08.15	53.9	0.9			8.6	11.8							2.1	2.8											
	Z	08.15	54.4	0.8			2.6	3.0							7.9	4.4											
14	A	08.16	01.2	1.0	-		1.4	2.2	2.5	3.1				16	A	23.02	37.1	1.0	-		0.8	1.7	4.1	2.7			
	H	08.16	00.4	0.9			4.5	6.2							2.2	2.2											
	Z	08.16	00.9	0.8			3.6	3.8							15.8	3.9											
14	A	11.45	14.4	1.4	-		0.9	1.6	4.5	2.6				17	A	01.17	36.2	0.9	-		11.5	14.2	3.1	3.7			
	H	11.45	13.3	0.8			1.6	1.6							5.0	5.0											
	Z	11.45	15.0	1.5			0.8	0.8																			
14	A	13.27	18.4	1.1	-		1.0	1.5	4.3	2.7				17	A	06.36	48.9	1.1	+		1.2	3.8	5.2	3.5			
	H	13.37	18.1	1.0			1.4	2.3							7.8	11.1											
	Z	13.37	18.3	1.0			4.2	2.8							2.6	1.6											
14	A	14.02	40.8	0.9	-		1.6	2.4	2.5	2.8				17	A	11.55	08.1	1.0	+		1.1	2.4	3.8	2.9			
	H	14.02	40.8	0.8			3.5	3.4							3.2	4.0											
	Z	14.02	40.5	0.8			6.4	5.6							1.7	1.5											
14	A	14.22	51.0	1.0	-		0.6	1.6	2.6	2.8				17	A	12.29	42.2	0.9	+		1.1	1.5	3.4	2.3			
	H	14.22	50.7	1.0			3.3	4.1							1.1	0.6											
	Z	14.22	50.8	0.8			18.6	10.5							0.5	0.8											
14	A	14.50	38.3	0.8	-		1.5	3.2	2.5	3.0				17	A	13.41	43.3	1.0	+		2.0	2.6	1.3	2.8			
	H	14.50	37.9	0.8			4.8	6.1							6.0	5.9											
	Z	14.50	38.5	0.9			3.0	1.5							2.9	1.5											
14	A	17.53	03.7	1.0	+		0.7	1.0	4.0	2.7				17	A	14.06	24.7	1.3	+		0.6	1.4	4.7	2.9			
	H	17.53	03.0	0.8			4.6	2.6							3.0	4.0											
	Z	17.53	03.9	1.1			2.4	1.8							1.6	2.0											
14	A	20.18	48.7	0.5	-		0.4	0.2	1.5	1.6				17	A	17.29	30.0	0.9	-		0.6	1.0	2.6	2.6			
	H	20.18	48.3	0.7			1.1	1.0							1.1	2.8											
	Z	20.18	47.8	0.9			1.9	1.3							2.2	1.6											
14	A	22.02	20.0	1.3	-		2.3	4.6	6.0	3.2				17	A	19.50	43.2	1.0			1.2	1.2	5.2	2.7			
	H	22.02	20.9	1.9			1.0	1.1							1.0	1.0											
	Z	22.02	20.0	1.0			3.3	9.7																			
14	A	22.11	00.6	1.5	-		0.6	1.5	8.4	2.8				17	A	22.58	46.2	1.0	-		0.9	1.2	3.9	2.7			
	H	22.11	00.7	2.0			0.7	0.6							0.3	0.4											
	Z	22.11	00.0	1.4			3.4	5.8							1.4	3.0											
14	A	22.22	15.7	1.1	-		2.0	2.0	2.0	2.5				18	A	00.32	19.5	1.1	-		1.0	4.2	3.6	2.9			
	H	22.22	17.1	1.1			1.0	0.8							2.3	2.0											
	Z	22.22		0.7			8.6	6.7							0.8	1.0											
15	A	01.50	08.7	0.7	+		1.2	2.3	3.1	2.6				18	A	03.54	01.9	2.4			1.5	2.5	11.8	3.5			
	H	01.50	09.3	1.4			0.7	1.0							1.4	1.8											
	Z	01.50	08.7	0.6			3.5	3.2							1.8	3.8											
15	A	05.04	11.7	1.2	-		0.6	0.7	4.1	2.3				18	A	04.08	10.3	1.0			0.4	0.4	5.5	2.0			
	H	05.04	11.2	1.0			0.7	1.0							0.4	0.4											
	Z	05.04	11.8	1.0			2.8	1.8							1.1	1.9											
15	A	08.02	18.2	0.6	-		1.1	1.6	1.4	2.2				18	A	06.11	30.5	1.5	-		0.6	0.8	6.7	2.9			
	H	08.02	18.6	1.0			1.0	1.0							1.0	1.7											
	Z	08.02	17.9	0.5			19.2	8.1							2.7	4.6											
15	A	09.48	22.5	1.1	+		0.6	0.8	3.6	2.5				18	A	07.41	02.3	1.0	-		9.7	10.8	2.7	3.5			
	H	09.48	22.5	1.0			1.9	1.8							9.6												
	Z	09.48	22.5	0.9			4.8	2.2							2.8	4.5											
15	A	10.25	34.2	1.3	+		1.2	1.4	6.5	2.6				18	A	07.49	29.4	0.9			0.8	2.1	3.0	2.7			
	H	10.25	33.9	1.1			1.0	0.7							3.3	3.8											
	Z	10.25	35.0	1.5			0.7	0.8							0.4	0.6											
15	A	11.41	11.8	2.0	-		0.6	1.3	9.0	3.4				18	A	08.30	40.5	0.9			0.8	1.7	1.1	2.5			
	H	11.41	10.7	1.5			4.2	6.3							2.8	3.4											
	Z	11.41	12.2	2.1			0.9	0.4							0.6	0.7											

**Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966**

127

Oct. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
18	A	10.48	32.6		1.1				2.0	3.0	4.2	3.3
	H	10.48	32.0	1.0				7.2	5.4			
	Z	10.48	32.6	1.0				11.4	11.8			
18	A	11.31	07.8		1.0				0.6	0.6	1.9	2.2
	H	11.31	07.4	0.7				1.4	1.6			
	Z	11.31	08.0	0.9		-		3.0	1.8			
18	A	14.02	10.1		1.5				0.6	1.2	7.9	2.6
	H	14.02	10.6	2.0				0.4	0.2			
	Z	14.02	10.0	1.3				2.0	4.8			
18	A	20.18	53.2		2.3				1.9	1.4	9.0	3.6
	H	20.18	54.2	3.1				3.0	2.3			
	Z	20.18	53.1	2.0				2.8	4.5			
18	A	22.42	04.8		0.5				5.3	8.6	2.2	3.2
	H	22.42	05.4	0.9		-		4.4	6.0			
	Z	22.42	05.3	0.7				2.4	2.0			
19	A	00.55	11.7		1.6				4.0	6.2	4.5	3.8
	H	00.55	12.0	2.0		+		2.9	4.0			
	Z	00.55	11.7	1.0								
19	A	05.59	29.4		1.7				3.3	3.8	8.6	3.5
	H	05.59	29.9	2.0		+		2.6	2.7			
	Z	05.59	29.4	1.4								
19	A	06.25	33.3		1.6				1.7	1.8	7.5	3.1
	H	06.25	33.6	1.8				1.4	1.6			
	Z	06.25	33.2	1.3				2.9	3.6			
19	A	09.32	21.8		1.5				12.2	11.8	6.0	3.8
	H	09.32	22.1	1.4		+		3.4	5.4			
	Z	09.32	21.6	1.2								
19	A	09.38	50.2		1.6				7.6	7.1	7.2	3.6
	H	09.38	50.7	1.8		+		3.1	4.2			
	Z	09.38	50.2	1.3		+						
19	A	15.04	19.3		1.1				1.2	0.7	3.4	2.6
	H	15.04	18.8	1.1				2.1	2.4			
	Z	15.04	19.4	0.9				6.0	5.2			
19	A	16.16	43.4		1.4				1.6	2.0	7.4	3.0
	H	16.16	44.1	1.9		+		1.0	1.3			
	Z	16.16	43.7	1.2				4.5	2.8			
19	A	18.44	02.6		0.5				3.2	2.7	2.8	2.3
	H	18.44	03.2	1.0		-		0.5	0.6			
	Z	18.44	03.2	0.8				2.8	1.7			
19	A	23.11	06.0		1.1				0.7	1.4	6.0	2.5
	H	23.11	05.8	1.2		-		0.9	1.0			
	Z	23.11	06.7	1.5				0.8	0.6			
20	A	01.32	49.2		1.0				1.8	1.8	1.7	3.0
	H	01.32	48.7	0.8				9.4	7.1			
	Z	01.32	49.3	0.8		-		3.8	2.4			
20	A	02.11	56.2		1.3				1.2	4.5		3.5
	H	02.11	55.3	1.0				8.0	6.3			
	Z	02.11	56.2	0.8				3.3	1.6			
20	A	02.42	17.8		0.9				1.8	5.2	2.2	3.0
	H	02.42	17.2	0.6				2.8	3.7			
	Z	02.42	17.2	1.0		-		1.4				
20	A	05.48	23.4		0.8				0.8	2.3	2.8	2.5
	H	05.48	22.9	0.7				1.0	1.6			
	Z	05.48	23.9	1.0				0.8	0.2			
20	A	08.47	08.7		0.7				1.2	0.8	3.7	2.0
	H	08.47	09.2	1.1				0.3	0.4			
	Z	08.47	09.0	0.8				2.5	3.0			
20	A	14.43	33.3		0.9				1.0	2.2	2.0	2.5
	H	14.43	32.2	0.5				2.6	2.8			
	Z	14.43	33.5	1.1				0.6	0.3			
20	A	20.42	37.1		0.9				0.6	0.9	3.8	2.0
	H	20.42	37.0	1.0		+		0.3	0.5			
	Z	20.42	37.9	1.5				0.6				
20	A	21.06	48.2		0.9				0.8	3.6	2.0	2.9
	H	21.06	47.7	0.6				4.4	3.1			
	Z	21.06	48.7	1.0		-		0.8	0.2			
20	A	21.06	51.1		0.9				5.2	9.7	0.7	3.2
	H	21.06	50.6	0.5		-		5.5	4.4			
	Z	21.06	51.7	1.0		-		3.0	1.7			
20	A	22.07	24.9		0.9				1.0	0.9	3.5	2.2
	H	22.07	25.4	1.5				0.4	0.3			
	Z	22.07	24.9	0.6				2.8	2.4			
21	A	00.47	23.8		1.2				1.4	1.1	6.2	2.7
	H	00.47	24.5	1.9		+		1.0	1.0			
	Z	00.47	23.7	1.2				2.3	2.9			
21	A	04.02	11.4		1.0							
	H	04.02	11.5	1.5								
	Z	04.02	11.2	0.8								
21	A	04.49	42.2		0.8							
	H	04.49	42.2	1.0		+						
	Z	04.49	42.9	1.4								
21	A	07.30	26.8		1.0							
	H	07.30	26.9	0.9		-						
	Z	07.30	27.3	0.9		-						
21	A	11.31	55.9		0.9							
	H	11.31	56.3	1.3								
	Z	11.31	55.6	0.5								
21	A	15.24	54.2		1.2							
	H	15.24	55.2	1.8		-						
	Z	15.24	54.4	0.9		-						
21	A	15.28	23.9		0.6							
	H	15.28	24.6	1.1		+						
	Z	15.28	24.2	0.6								
21	A	15.33	17.4		1.1							
	H	15.33	17.2	1.0								
	Z	15.33	17.7	0.9								
21	A	15.50	27.9		0.7							
	H	15.50	29.0	1.1								
	Z	15.50	28.3	0.6		-						
21	A	18.41	43.4		1.1							
	H	18.41	43.6	1.3								
	Z	18.41	43.2	0.7								
21	A	20.25	24.0		1.5							
	H	20.25		0.9		-						
	Z	20.25	24.7	1.7		-						
21	A	22.51	10.4		1.1							
	H	22.51	10.5	1.1								
	Z	22.51	11.2	1.5								
22	A	03.54	14.8		0.9							
	H	03.54	15.7	1.6		+						
	Z	03.54		0.9								
22	A	13.06	40.7		0.6							
	H	13.06	40.9	1.1								
	Z	13.06	40.2	0.6								
22	A	13.22	02.7		0.9							
	H	13.22	03.2	1.6		+						
	Z	13.22	02.4	0.8								
22	A	13.30	28.2		1.2							
	H	13.30	27.7	0.9								
	Z	13.30	28.4	0.9								
22	A	14.32	24.5		1.7							
	H	14.32	24.7	1.9								
	Z	14.32	23.8	1.3								
22	A	14.41	45.5		0.6							
	H	14.41	45.9	1.2								
	Z	14.41	45.7	0.7		-						
22	A	17.24	48.2		1.0							
	H	17.24	48.3	0.9								
	Z	17.24	48.4	0.8								
22	A	20.09	38.7		1.1							
	H	20.09	38.8	1.2		+						
	Z	20.09	39.4	1.6								
22	A	23.18	02.6		0.8							
	H	23.18	02.3	0.6		+						
	Z	23.18	03.0	1.0								
23	A	05.05	02.5		1.0							
	H	05.05	02.3	0.7		+						
	Z	05.05	02.5	0.9		-						
23	A	05.07	53.4		0.8							
	H	05.07	53.0	0.6								
	Z	05.07	53.6	1.0		-						
23	A	11.48	38.0		1.0							
	H	11.48	38.6	1.7		-						
	Z	11.48	37.9	0.8								
23	A	12.37	59.8		0.9							

Oct. 1966

Oct. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
23	A H	14.40	39.5		1.2				9.0	4.8		
	H Z	14.40	40.0		1.8				8.2	11.1	5.6	4.0
	Z	14.40	39.3		1.0		+					
23	A H	14.41	25.2		1.1				1.6	2.4		
	H Z	14.41	25.9		1.6				1.2	1.8	5.6	3.0
	Z	14.41	25.1		1.0		+		3.3	2.9		
23	A H	15.24	33.7		1.2				1.2	1.2		
	H Z	15.24	34.3		1.7				1.4	2.0	1.4	2.9
	Z	15.24			0.5				8.5	8.3		
23	A H	16.39	43.6		0.8				0.6	0.8		
	H Z	16.39	43.3		0.8		-		1.8	2.4	2.5	2.4
	Z	16.39	43.3		0.8				1.7	0.9		
23	A H	23.42	37.0		1.0				2.9	3.3		
	H Z	23.42	36.8		1.1		-		7.7	5.9	5.0	3.3
	Z	23.42	37.0		1.0					14.2		
24	A H	00.22	48.5		0.7				2.2	4.0		
	H Z	00.22	49.1		1.0				0.7	0.7	3.7	2.5
	Z	00.22	49.4		1.1				2.4	2.4		
24	A H	00.31	36.2		0.7				3.8	4.4		
	H Z	00.31	37.2		1.3		-		1.3	1.2	3.4	2.8
	Z	00.31	36.1		0.7		+		2.6	4.8		
24	A H	01.27	57.4		1.0				2.0	1.4		
	H Z	01.27	57.1		0.9		-		3.4	4.0	2.7	2.8
	Z	01.27	57.3		0.8		-		3.7	2.0		
24	A H	09.10	42.9		1.2				0.9	1.0		
	H Z	09.10	43.8		1.9				0.5	0.7	5.5	2.6
	Z	09.10	42.8		1.0					3.0		
24	A H	11.08	20.6		1.6				4.7	5.9		
	H Z	11.08	21.1		2.0				3.4	3.3	8.5	3.7
	Z	11.08	20.7		1.4					6.6		
24	A H	11.09	08.6		1.5				0.6	1.0		
	H Z	11.09	08.7		2.0				0.5	0.4	7.5	2.6
	Z	11.09	08.3		1.2					2.0		
24	A H	17.34	45.3		0.9				3.1	2.6		
	H Z	17.34	45.2		1.0				1.9	3.6	4.4	3.0
	Z	17.34	45.9		1.3		-			2.9		
25	A H	02.19	30.5		1.0				1.0	0.9		
	H Z	02.19	29.9		0.6				2.7	2.8		2.5
	Z	02.19	30.7		0.7					1.3		
25	A H	14.19	06.8		1.3				1.4	1.5		
	H Z	14.19	07.3		2.0		-		1.6	2.0	6.0	3.0
	Z	14.19	06.3		1.0		+			8.0		
25	A H	17.06	30.1		1.0				1.4	0.4		
	H Z	17.06	29.6		0.7		+		1.1	2.3	3.0	2.5
	Z	17.06	30.8		1.5		-		1.2	0.3		
25	A H	17.57	07.1		1.0				2.7	5.8		
	H Z	17.57	05.1		1.0		+		3.0	4.2	5.2	3.3
	Z	17.57	07.1		1.4				3.8	1.8		
25	A H	18.01	13.8		1.0				0.6	0.8		
	H Z	18.01	14.4		1.5				1.0	1.0	4.8	2.5
	Z	18.01	13.6		0.8				3.0	4.8		
26	A H	00.08	17.2		1.4				1.0	1.2		
	H Z	00.08	17.7		1.7				0.6	0.5	7.4	2.6
	Z	00.08	17.0		1.2				3.7	3.3		
26	A H	01.24	01.4		1.0				1.2	3.9		
	H Z	01.24	00.8		0.9				7.3	9.1	3.7	3.3
	Z	01.24	01.4		1.0				2.5	2.0		
26	A H	01.26	06.1		1.0				5.6	9.4		
	H Z	01.26	05.2		0.5				9.0	7.8	2.3	3.4
	Z	01.26	06.5		1.2				2.5	3.6		
26	A H	01.56	18.8		1.1				1.4	4.2		
	H Z	01.56	17.7		0.7		-		4.4	4.1	4.1	3.1
	Z	01.56	19.1		1.3				1.0	0.8		
26	A H	02.12	29.1		0.7				3.3	5.0		
	H Z	02.12	29.4		0.9		+		2.5	4.0	3.5	3.0
	Z	02.12	30.4		1.1				2.2	1.2		
26	A H	02.22	19.8		1.0				2.0	4.1		
	H Z	02.22	19.1		0.6				6.0	4.9	3.5	3.1
	Z	02.22	20.5		1.3				1.5	1.2		
26	A H	03.04	12.0		2.0				19.0	26.0		
	H Z	03.04	10.7		1.2		-		33.0	48.0	6.0	4.8
	Z	03.04	12.2		2.2					15.0		
26	A H	03.11	44.6		1.7				0.8	1.6		
	H Z	03.11	43.5		1.2		-		5.3	5.4	7.1	3.2
	Z	03.11	45.0		1.9				1.4	1.5		
26	A H	04.49	06.9		1.3							
	H Z	04.49	05.8		0.8							
	Z	04.49	07.1		0.7							
26	A H	07.48	38.8		0.9							
	H Z	07.48	38.2		0.7		-					
	Z	07.48	38.8		0.9							
26	A H	10.44	52.0		1.1							
	H Z	10.44	52.1		1.0							
	Z	10.44	52.9		1.5							
26	A H	10.53	48.3		1.4							
	H Z	10.53	47.1		1.0							
	Z	10.53	48.4		1.5							
26	A H	12.16			1.6							
	H Z	12.16	41.3		1.3		-					
	Z	12.16	43.1		2.0							
26	A H	15.17	47.9		0.9							
	H Z	15.17	47.3		0.6							
	Z	15.17	48.3		1.1							
26	A H	16.01	12.0		1.0							
	H Z	16.01	11.5		0.8							
	Z	16.01	11.1		0.9							
26	A H	16.24	36.0		1.1							
	H Z	16.24	35.8		0.8							
	Z	16.24	36.9		1.3							
26	A H	16.56			1.1							
	H Z	16.56	51.5		1.5		-					
	Z	16.56	51.8		1.6							
26	A H	18.30	37.3		1.6							
	H Z	18.30			1.0							
	Z	18.30	37.6		1.4							
26	A H	19.25	10.3		1.4							
	H Z	19.25	09.4		1.0		+					
	Z	19.25			1.1							
26	A H	20.34	42.3		1.4							
	H Z	20.34	41.3		0.7		-					
	Z	20.34	41.9		1.5							
27	A H	10.01	49.5		1.5							
	H Z	10.01	50.8		1.7							
	Z	10.01	49.0		0.9							
27	A H	10.47	59.2		1.9							
	H Z	10.47	58.3		1.2							
	Z	10.47	59.5		1.9							
27	A H	11.24	23.1		1.7							
	H Z	11.24	21.7		1.1		+					
	Z	11.24	23.4		1.8		-					
27	A H	13.06	11.4		0.9							
	H Z	13.06	11.3		1.0							
	Z	13.06	12.2		1.4							
27	A H	13.24	38.0		1.1							
	H Z	13.24	37.6		0.9		-					
	Z	13.24	38.3		1.0							
27	A H	13.53	48.6		0.9							
	H Z	13.53	49.9		1.5							
	Z	13.53	48.6		0.7							
27	A H	14.31			1.0							
	H Z	14.31	24.9		1.1		+					
	Z	14.31	24.6		0.6							
27	A H	17.50	01.8		1.1							
	H Z	17.50	01.0		1.1							
	Z	17.50	01.9		1.3		-					
27	A H	17.51	28.1		1.2							
	H Z	17.51	27.2		0.8							
	Z	17.51	28.2		1.1							
27	A H	18.17	25.1		0.4							
	H Z	18.17	25.8		1.0		-					
	Z	18.17	26.0		0.9							
27	A H	19.29	00.8		1.0							
	H Z	19.29	00.0		0.5		-					
	Z	19.29	01.1		1.1							
28	A H	03.51	55.8		0.7							

**Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966**

129

Oct. 1966 - Nov. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
28	A	04.25	58.3		0.5				13.8	14.2		
	H	04.25	58.8		1.0				1.6	2.0	2.8	3.0
	Z	04.25	59.0		0.9				1.4	0.8		
28	A	05.56	13.1		0.9				0.6	0.4		
	H	05.56	13.9		1.5				0.4	0.4	4.6	2.0
	Z	05.56	12.7		0.8				1.9	2.9		
28	A	06.08	29.9		1.3				2.0	2.4		
	H	06.08	30.9		1.8				2.6	3.4	6.1	3.3
	Z	06.08	29.8		1.0					10.6		
28	A	08.11	11.0		1.1				0.7	0.8		
	H	08.11	10.8		1.0				1.0	0.8	4.9	2.3
	Z	08.11	10.8		1.1				3.2	2.1		
28	A	10.57	54.0		1.5				1.3	2.7		
	H	10.57	52.9		0.9				5.2	4.2	4.4	3.2
	Z	10.57	54.1		1.5				2.0	3.2		
28	A	15.30	58.4		0.9				0.6	0.6		
	H	15.30	58.2		1.0				1.3	1.0	4.0	2.3
	Z	15.30	58.1		0.9				6.0	2.4		
28	A	16.51	01.2		1.8				1.4	2.4		
	H	16.51	00.3		1.2		+		5.8	4.6	6.6	3.4
	Z	16.51	01.3		1.9		-		1.0	0.9		
28	A	17.04	56.7		0.7				1.1	0.9		
	H	17.04	56.6		0.7				1.0	1.4	1.0	2.1
	Z	17.04	56.8		0.7				0.6	0.6		
28	A	17.06	57.6		1.8				3.2	1.3		
	H	17.06	56.2		1.1		+		6.5	5.4	5.1	3.5
	Z	17.06	57.6		1.8				1.6	2.5		
28	A	17.26	36.7		1.8				5.9	8.7		
	H	17.26	35.5		1.3		+		10.8	13.6	7.8	4.1
	Z	17.26	37.0		1.9				3.2	2.8		
28	A	17.54	39.1		1.8				0.6	0.9		
	H	17.54	38.0		1.2				1.2	1.8	5.9	2.8
	Z	17.54	39.4		1.9				0.6	0.3		
28	A	20.03	11.5		1.9				0.6	1.0		
	H	20.03	12.2		2.5				1.0	0.8	10.7	3.0
	Z	20.03	11.5		2.2				1.6	3.8		
28	A	20.03	34.3		2.4				10.6	8.8		
	H	20.03	34.9		3.2				5.5	6.4	11.1	4.4
	Z	20.03	33.8		2.4					10.7		
28	A	20.46	22.2		1.7				0.3	0.8		
	H	20.46	20.7		1.1				1.9	1.3	5.8	2.7
	Z	20.46	22.3		1.8				0.6	0.2		
28	A	20.47	09.3		1.1				0.5	1.1		
	H	20.47	09.2		1.1				2.8	1.9	3.3	2.7
	Z	20.47	08.8		0.9		+		3.7	2.3		
28	A	21.24	05.2		0.5				1.6	1.6		
	H	21.24	06.1		1.0				0.6	0.7	2.1	2.1
	Z	21.24	05.3		0.6		-		3.6	3.6		
28	A	23.12	30.9		1.2				3.6	3.0		
	H	23.12	31.4		1.7				1.8	1.8	5.2	3.2
	Z	23.12			0.9					8.5		
29	A	17.46	22.6		1.0					0.4		
	H	17.46	22.9		1.1				0.4	0.4	5.6	1.8
	Z	17.46	23.7		1.4				0.2	0.2		
29	A	20.23	29.5		1.9				0.3	1.0		
	H	20.23	28.5		1.2		+		2.2	1.4	5.3	2.9
	Z	20.23	29.8		1.8				0.7	0.2		
29	A	20.28	06.2		1.0				1.4	2.9		
	H	20.28			1.0		+		4.0	4.0	4.1	3.0
	Z	20.28	06.3		1.0				2.0	2.0		
29	A	20.32	46.2		0.9				0.4	0.8		
	H	20.32	45.6		0.6		-		1.2	1.2	1.4	2.1
	Z	20.32	46.6		0.9		-		1.3	1.2		
29	A	22.13	27.9		1.0				0.9	1.2		
	H	22.13	27.7		0.8		-		2.8	2.6	3.4	2.6
	Z	22.13	28.0		1.0				2.0	1.0		
30	A	00.54	20.1		0.8				0.8	2.2		
	H	00.54	19.4		0.5		-		2.9	3.4	1.8	2.6
	Z	00.54	20.2		1.0				0.8			
30	A	04.11	22.0		1.5					1.8		
	H	04.11	21.4		1.0				1.7	3.0	3.2	3.0
	Z	04.11	22.9		1.3		+		0.6	0.2		
30	A	06.18	07.1		2.4				0.2	0.4		
	H	06.18			2.8				0.5	0.4	12.5	2.7
	Z	06.18	07.2		2.1				0.7	0.3		
30	A	11.06	15.6		1.5							
	H	11.06	15.0		0.9			+				
	Z	11.06	15.6		1.3							
30	A	12.13	16.6		0.8							
	H	12.13	17.2		1.3							
	Z	12.13	16.3		0.6							
30	A	12.44	54.7		1.0							
	H	12.44			0.9							
	Z	12.44	54.3		0.7							
30	A	13.11	01.6		1.1							
	H	13.11	00.9		0.6							
	Z	13.11	02.0		1.2							
30	A	15.25	49.1		1.0							
	H	15.25	48.7		0.6			+				
	Z	15.25	49.7		1.0							
30	A	17.40	30.2		2.1							
	H	17.40	29.2		1.4							
	Z	17.40	30.7		2.1			-				
30	A	18.12	07.5		1.5							
	H	18.12	06.7		1.0			+				
	Z	18.12	08.0		1.5							
30	A	19.43	01.1		1.0							
	H	19.43	00.0		0.6							
	Z	19.43	01.6		1.3			-				
30	A	20.18	16.1		1.0							
	H	20.18	15.9		0.7			-				
	Z	20.18	16.6		1.0			-				
31	A	00.23	26.4		0.8							
	H	00.23	26.7		1.3							
	Z	00.23	26.1		0.6							
31	A	01.35	50.6		1.1							
	H	01.35	50.5		1.3							
	Z	01.35	50.4		1.0							
31	A	02.43	50.8		1.1							
	H	02.43	51.1		1.4							
	Z	02.43	50.4		0.8							
31	A	04.33	56.7		0.8							
	H	04.33	57.3		1.2							
	Z	04.33	56.5		0.7							
31	A	04.44	40.6		0.9							
	H	04.44	41.1		1.1							
	Z	04.44	40.1		0.6							
31	A	07.09	37.1		0.6							
	H	07.09	37.9		1.2							
	Z	07.09	37.4		0.6							
31	A	07.24	57.3		0.8							
	H	07.24	57.3		1.2							
	Z	07.24	56.6		0.5							
31	A	14.33			1.9							
	H	14.33	12.1		1.4			-				
	Z	14.33	13.9		2.1							
31	A	15.26	47.5		1.5							
	H	15.26	46.4		0.8			+				
	Z	15.26	48.0		1.5							
31	A	16.38	06.1		1.1							
	H	16.38	05.1		0.6			+				

1966 November

Nov. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
01	A	08.04	03.3		1.0				0.4	0.7		
	H	08.04	02.3		0.7				0.9	1.2	3.0	2.1
	Z	08.04	03.7		1.1				0.5	1.0		
01	A	10.06	13.7		1.3				3.3	2.4		
	H	10.06	13.0		0.8				6.8	7.3	4.1	3.3
	Z	10.06	13.5		1.3				2.8	3.1		
01	A	15.35	39.0		1.2				0.4	1.0		
	H	15.35	38.3		0.9				1.0	1.4	4.0	2.4
	Z	15.35	38.7		1.1				0.6			
01	A	17.19	20.4		0.7				1.1	1.8		
	H	17.19	21.1		1.1		+		0.9	0.7	3.0	2.4
	Z	17.19	20.2		0.7		-			4.5		
01	A	21.25	16.5		0.5				3.0	5.0		
	H	21.25	17.3		1.3				1.0	1.0	2.1	2.7
	Z	21.25	16.4		0.6		+					
01	A	22.28	39.2		1.2				0.2	0.6		
	H	22.28	38.3		0.8				1.1	2.0	3.7	2.4
	Z	22.28	39.1		1.2				0.3	0.6		
01	A	23.22	36.3		1.0				1.0	0.4		
	H	23.22	36.2		0.9				1.4	1.2	3.2	2.4
	Z	23.22	36.4		0.9				2.2	1.8		
01	A	23.49	04.5		0.9					0.8		
	H	23.49	04.0		0.7		+		1.5	1.6	3.4	2.2
	Z	23.49	05.0		1.3							
01	A	23.52	05.5		1.2				1.2	1.1		
	H	23.52	05.3		1.4				1.8	1.8	5.4	2.8
	Z	23.52	04.9		0.9					20.6		
02	A	00.36	12.4		2.7				0.2	0.9		
	H	00.36	11.5		2.0		+		2.3	2.0	11.6	3.2
	Z	00.36	13.0		2.7				0.5	0.2		
02	A	01.05	55.9		0.8				0.4	0.7		
	H	01.05	55.3		0.8				1.0	1.0	3.3	2.0
	Z	01.05	55.8		1.0				0.8	0.2		
02	A	01.38	32.3		1.1				0.4	0.4		
	H	01.38	32.2		1.3		-		0.4	0.4	3.7	1.9
	Z	01.38	31.6		0.8				2.0	5.2		
02	A	03.28	44.4		0.8				0.2	1.2		
	H	03.28	44.1		0.6				0.5	0.7	2.5	2.0
	Z	03.28	44.9		1.0				0.3			
02	A	08.39	22.3		1.5				0.8	0.6		
	H	08.39	22.9		1.8				0.6	0.4	7.9	2.5
	Z	08.39	22.1		1.3		+		1.9	3.3		
02	A	12.43	58.0		1.0				1.2	1.9		
	H	12.43	57.7		1.0		-		2.8	3.6	4.1	2.9
	Z	12.43	57.7		1.0		-		10.0	6.8		
02	A	13.08	54.2		0.9				0.8	1.2		
	H	13.08	53.8		0.6				1.2	2.4	3.4	2.5
	Z	13.08	54.9		1.2		-		0.7	0.2		
02	A	13.21	13.4		1.4				0.2	0.4		
	H	13.21	14.3		2.2				0.6	0.8	6.5	2.5
	Z	13.21	13.4		1.4				1.0	0.6		
02	A	14.28	49.9		1.0				0.6	0.7		
	H	14.28	49.9		1.0				0.3	0.3	1.9	1.9
	Z	14.28	51.5		0.7				0.2			
02	A	21.46	34.0		1.1				4.0	2.1		
	H	21.46	33.5		0.9				12.5	9.0	4.7	3.5
	Z	21.46	34.4		1.2				4.7	4.7		
02	A	23.26	42.8		1.1				2.2	2.4		
	H	23.26	42.5		1.1		-		4.8	3.0	4.6	3.1
	Z	23.26	42.8		1.0					5.6		
02	A	23.44	48.7		1.8				0.6	1.4		
	H	23.44	47.5		1.2		-		3.4	2.8	6.2	3.1
	Z	23.44	49.2		1.7				0.6	0.6		
03	A	01.55	06.3		1.0				2.8	2.9		
	H	01.55	05.4		1.0		-		6.0	7.2	4.3	3.2
	Z	01.55	06.4		1.0		-		17.5	11.6		
03	A	01.56	32.0		1.0				0.9	0.8		
	H	01.56	31.2		0.9				1.0	0.6	3.4	2.3
	Z	01.56	32.2		0.9		-		3.0	1.2		
03	A	04.09	38.4		1.0				2.3	4.0		
	H	04.09	38.0		1.1				3.3	3.7	5.1	3.1
	Z	04.09	39.4		1.4				2.9	2.5		
03	A	04.10	17.0		0.9				2.4	0.6		
	H	04.10	16.4		1.0				0.5	0.6	4.7	2.0
	Z	04.10	18.0		1.4				0.4	0.1		
03	A	07.03	16.7		1.2							
	H	07.03	15.7		0.8				0.5	0.9		
	Z	07.03	16.8		1.2				0.7	0.2	3.7	2.3
03	A	13.37	50.0		1.1				0.2	0.5		
	H	13.37	49.6		0.7				1.0	1.4	2.6	2.2
	Z	13.37	50.4		1.1				0.7	0.2		
03	A	19.19	41.3		1.1				0.7	1.0		
	H	19.19	41.8		1.4		-		0.4	0.6	4.7	2.4
	Z	19.19	41.5		0.8				9.6	8.2		
03	A	20.43	35.6		0.9				1.0	1.0		
	H	20.43	36.3		1.5				2.4	1.4	4.2	2.7
	Z	20.43	35.8		0.7					11.5		
03	A	21.06	35.6		0.9				0.6	1.6		
	H	21.06	35.3		0.7				2.4	2.6	1.9	2.5
	Z	21.06	35.9		0.9					1.1		
03	A	21.20	30.9		1.5				3.7	4.0		
	H	21.20	30.2		1.1				2.8	3.6	6.4	3.3
	Z	21.20	31.4		1.6					1.9		
03	A	21.53	23.5		0.9				1.0	3.4		
	H	21.53	22.8		0.6				2.3	1.5	2.4	2.7
	Z	21.53	24.0		1.0					1.0		
03	A	22.26	49.3		1.2				1.3	1.7		
	H	22.26	49.3		1.1		-		2.6	2.9	3.2	2.9
	Z	22.26	49.4		0.9							
03	A	22.52	12.8		1.5				1.3	0.8		
	H	22.52	13.2		1.9		+		0.8	0.9	7.4	2.8
	Z	22.52	12.6		1.2					7.0		
04	A	04.01	04.6		1.5				2.0	1.4		
	H	04.01	04.0		1.0		+		1.7	2.0	5.7	2.9
	Z	04.01	05.0		1.6				0.6	0.3		
04	A	05.56	21.7		1.0				4.2	4.9		
	H	05.56	21.5		0.9				8.4	9.6	3.0	3.5
	Z	05.56	22.0		0.9				6.1	10.4		
11	A	11.01	56.4		1.3		+		0.6	1.1		
	H	11.01	55.7		0.9				2.3	3.5	4.1	2.8
	Z	11.01	56.5		1.2				0.9	0.7		
04	A	13.18	35.0		1.8				0.5	1.8		
	H	13.18	33.8		1.1		+		3.2	2.5	5.7	3.1
	Z	13.18	35.5		1.9				0.9	0.6		
04	A	15.20	08.4		1.0				0.8	0.6		
	H	15.20	08.1		0.8				0.7	1.3	2.0	2.3
	Z	15.20	08.4		0.9				1.7	0.8		
04	A	18.22	39.9		1.0				0.4	1.1		
	H	18.22	39.7		0.7				1.2	1.0	1.3	2.3
	Z	18.22	40.3		0.9				0.8	0.4		
04	A	18.50	44.9		0.9				1.7	3.1		
	H	18.50	45.6		1.3				1.0	0.7	4.0	2.7
	Z	18.50	44.9		0.7		+			7.0		
04	A	19.25	21.5		0.9				0.6	0.9		
	H	19.25	21.7		1.1				4.0	4.2	3.8	2.7
	Z	19.25	21.3		0.8		+		4.4	6.0		
04	A	21.25	09.7		1.1				0.7	1.0		
	H	21.25	09.9		1.1				1.2	1.1	5.5	2.5
	Z	21.25	10.5		1.5				0.6	0.3		
04	A	21.27	23.9		0.7				1.7	2.4		
	H	21.27	24.9		1.2				1.0	0.8	3.3	2.6
	Z	21.27	23.8		0.7				1.5	2.3		
04	A	22.14	55.7		0.7				1.5	3.1		
	H	22.14	56.7		1.3				1.2	0.8	2.8	2.7
	Z	22.14	55.6		0.5					4.3		
04	A	22.19	54.3		1.3				0.8	1.0		
	H											

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

131

Nov. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude		Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S						E	N	U		E-W	N-S					
05	A	11.01	18.6		1.1				0.2	0.2	3.2	1.6		06	A	17.46	57.2	1.2				0.4	1.0	6.6	2.3	
	H	11.01	18.4	0.9			-	0.5	0.4						0.6	0.5				0.6	0.5					
	Z	11.01	18.8	1.0				0.6	0.6						0.3	0.1				0.3	0.1					
05	A	11.07	28.4		1.5				0.5	0.7	5.6	2.6		06	A	18.08	43.3	1.2		-		0.5	1.0	6.4	2.4	
	H	11.07	29.2	2.0			-	0.8	0.4						0.8	0.8				0.5	0.2					
	Z	11.07	28.5	1.0				1.3	2.9						0.5	0.2				0.5	0.2					
05	A	11.32	15.6		2.9				0.5	2.4	11.7	3.7		06	A	21.07	12.9	1.1				0.4	0.5	3.9	2.4	
	H	11.32	14.7	2.2				4.0	3.5						2.0	1.0				2.0	1.0					
	Z	11.32	16.2	3.0				0.8							3.0	3.9				3.0	3.9					
05	A	12.48	35.4		1.2				0.3	1.0	6.5	2.4		06	A	21.22	43.5	1.0				0.2	0.5	1.4	1.8	
	H	12.48	34.2	1.2				0.8	0.4						0.6	0.6				0.6	0.6					
	Z	12.48	35.9	1.4				0.2							0.8	0.2				0.8	0.2					
05	A	12.59	40.6		1.1				0.2	0.4	6.4	1.8		06	A	23.10	50.9	1.5				1.2	1.6	7.3	2.7	
	H	12.59	40.3	1.3				0.3	0.2						0.5	0.4				0.5	0.4					
	Z	12.59	41.6	1.5				0.2							1.8	5.6				1.8	5.6					
05	A	16.49	24.2		1.8				0.2	0.4	3.0	2.6		06	A	23.27	21.5	1.1				1.4	3.1	2.9	3.2	
	H	16.49	23.0	1.1			+	2.3	1.6						8.7	6.9				8.7	6.9					
	Z	16.49	24.7	1.7				0.4	0.2						3.9	3.4				3.9	3.4					
05	A	18.07	37.7		1.0				0.9	1.4	5.3	2.7		07	A	00.06	57.9	1.7				0.3	1.3	4.6	2.9	
	H	18.07	37.5	1.2			+	1.9	2.2						2.3	3.0				2.3	3.0					
	Z	18.07	38.6	1.6				0.8	0.8						0.4	0.2				0.4	0.2					
06	A	02.43	31.3		2.8				0.4	2.1	13.5	3.6		07	A	01.27	29.4	1.0				0.4	1.6		2.3	
	H	02.43	30.5	2.2			+	3.4	2.4						1.6	1.4				1.6	1.4					
	Z	02.43	32.2	2.8				0.8	1.0						0.7	0.2				0.7	0.2					
06	A	02.54	08.5		2.0				1.8	3.4	7.6	4.0		07	A	03.02	40.0	0.9				0.4	1.2	2.2	1.9	
	H	02.54	07.4	1.4			-	10.0	15.9						0.6	0.6				0.6	0.6					
	Z	02.54	08.9	2.1				1.8	2.2						1.2	0.6				1.2	0.6					
06	A	05.54	33.6		3.0					0.7	9.0	3.1		07	A	05.09	20.9	1.2				0.9	1.7	6.4	2.9	
	H	05.54	32.8	2.2			+	0.8	1.1						1.8	2.0				1.8	2.0					
	Z	05.54	34.6	3.0				0.4							0.7	0.7				0.7	0.7					
06	A	05.59	09.8		3.1				0.2	0.4	14.3	3.2		07	A	06.05	40.2	0.9				0.6	0.4	2.6	1.8	
	H	05.59	08.8	2.5			+	1.4	2.4						0.4	0.4				0.4	0.4					
	Z	05.59	10.4	3.1				0.4							1.4	2.0				1.4	2.0					
06	A	06.41	05.3		3.1				1.0	1.8	9.3	3.6		07	A	13.37	52.6	0.6				3.0	5.2	2.6	2.6	
	H	06.41	04.2	2.3			+	3.0	3.6						0.5	0.6				0.5	0.6					
	Z	06.41	05.9	3.1				0.8	0.5							5.8						5.8				
06	A	06.41	26.0		1.0				2.6	2.4	4.8	3.2		07	A	14.40	57.9	1.1				0.9	0.7	4.0	2.5	
	H	06.41	25.6	1.0			-	7.0	6.6						2.0	1.7				2.0	1.7					
	Z	06.41	26.2	1.1				7.5	8.0						2.4	2.2				2.4	2.2					
06	A	08.55	05.6		1.0				1.5	1.3	3.2	2.4		07	A	15.02	27.3	1.1				7.7	10.7	5.8	3.9	
	H	08.55	05.3	0.9				1.0	0.9						14.0	16.3				14.0	16.3					
	Z	08.55	05.7	0.9				3.7	4.2						14.0	9.6				14.0	9.6					
06	A	05.53	15.9		3.1					0.3	11.0	2.8		07	A	15.08		1.1				1.6	1.9	4.4	2.8	
	H	05.53	14.9	2.4				0.9	0.8						1.7	2.9				1.7	2.9					
	Z	05.53	16.6	3.0				0.4							0.6	0.2				0.6	0.2					
06	A	10.51	15.4		1.0				0.8	0.6	4.8	2.3		07	A	15.16	10.8	1.5				2.3	1.4	6.0	3.3	
	H	10.51	17.3	1.5				0.7	0.4						7.1	3.8				7.1	3.8					
	Z	10.51	15.5	0.8				1.9	2.2						2.8	1.3				2.8	1.3					
06	A	12.19	24.3		1.3				0.2	0.3	3.2	1.8		07	A	16.18	46.6	1.5				1.9	1.2	5.6	3.1	
	H	12.19	24.5	0.8				0.6	0.3						4.6	2.8				4.6	2.8					
	Z	12.19	24.4	1.2				0.3	0.2						1.6	1.3				1.6	1.3					
06	A	13.16	58.6		3.2					0.3	10.8	2.8		07	A	17.12	03.8	1.4				0.4	0.6	4.4	2.4	
	H	13.16	58.7	2.4				0.7	0.9						0.7	0.7				0.7	0.7					
	Z	13.16	59.3	3.1				0.4	0.1						1.8	2.0				1.8	2.0					
06	A	14.34	40.8		1.2				0.4	0.3	3.6	2.0		07	A	17.48	27.6	0.6				5.8	6.8	2.5	3.1	
	H	14.34	41.6	0.9				0.7	1.0						2.0	3.7				2.0	3.7					
	Z	14.34	41.2	1.1				0.8	0.4						4.3	5.7				4.3	5.7					
06	A	14.44	46.5		1.3				2.3	2.0	5.8	3.4		07	A	18.58	08.3	1.0				2.0	3.4	3.3	3.2	
	H	14.44	48.5	2.1				3.0	4.8						2.4	3.2				2.4	3.2					
	Z	14.44	46.8	1.3					13.9																	
06	A	14.51	57.6		0.4				0.6	0.7	2.1	1.4		07	A	19.02	55.0	0.9				0.6	0.6	2.5	1.8	
	H	14.51	58.6	0.9				0.2	0.2						0.2	0.3				0.2	0.3					
	Z	14.51	58.6	0.9				0.2							3.4	4.2				3.4	4.2					
06	A	15.19	29.4		0.5				2.6	3.8	2.4	2.1		07	A	19.04	05.2	1.0				0.4	0.7	2.6	2.2	
	H	15.19	29.8	0.9				0.3	0.4						0.4	0.6				0.4	0.6					
	Z	15.19	30.4	0.9				0.2							6.9						6.9					
06	A	17.43	37.5		1.2				1.1	3.1	6.6	3.1		07	A	19.35	58.2	1.4				3.3	3.2	5.8	3.3	
	H	17.43	37.1	1.2				2.0	2.4						5.0	3.0				5.0	3.0					
	Z	17.43	38.3	1.5				0.9	0.3						3.6	1.9				3.6	1.9					
06	A	17.44	08.4		1.2				2.2	3.4	6.7	3.4		07	A	19.49	33.0	0.9				0.7	1.2	2.4	2.5	
	H	17.44	08.5	1.3			+	4.4	5.0						1.6	2.6				1.6	2.6					
	Z	17.44	09.3	1.5			-	2.6	2.0						1.2											

Nov. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
08	A	00.05	56.8		0.9				1.3	2.1		
	H	00.05	56.3		0.6				2.6	3.0	1.9	2.7
	Z	00.05	57.2		1.0		-		1.8	2.6		
08	A	01.17	19.5		1.0				0.6	1.0		
	H	01.17	19.5		1.0				1.0	0.9	4.0	2.4
	Z	01.17	20.8		1.6				0.9	0.3		
08	A	01.29	25.1		1.3				0.6	1.2		
	H	01.29	24.4		0.8		+		1.8	1.8	4.2	2.6
	Z	01.29	25.6		1.4				1.7	0.9		
08	A	01.37	45.5		1.1				1.8	4.2		
	H	01.37	45.0		0.7				5.4	4.4	3.2	3.1
	Z	01.37	46.2		1.2		-		1.6	4.1		
08	A	01.46	21.5		0.9				2.0	4.7		
	H	01.46	20.9		0.6				5.2	3.7	2.7	3.0
	Z	01.46	21.7		1.1				1.4	1.9		
08	A	03.59	05.2		1.0				3.2	4.5		
	H	03.59	05.0		1.0				6.6	5.6	3.7	3.3
	Z	03.59	05.4		0.9					13.5		
08	A	03.59	36.4		1.0				0.8	1.0		
	H	03.59	36.3		0.9		-		2.4	1.4	2.9	2.6
	Z	03.59	36.7		0.9				2.4	1.6		
08	A	06.12	52.1		0.9				1.4	3.5		
	H	06.12	51.6		0.6				5.4	4.0	2.4	2.9
	Z	06.12	52.6		1.0		-		0.9	0.6		
08	A	08.56	51.7		0.8				0.4	1.5		
	H	08.56	51.0		0.5				0.6	0.6	1.8	1.9
	Z	08.56	52.1		1.0				0.3	0.1		
08	A	12.01	51.0		1.6				0.6	1.6		
	H	12.01	49.9		1.0		+		1.0	1.5	5.0	2.7
	Z	12.01	51.4		1.6				1.2	1.3		
08	A	12.15	39.9		1.1				0.4	1.0		
	H	12.15	39.7		1.2				0.4	0.4	5.7	2.2
	Z	12.15	40.9		1.6				0.3	0.2		
08	A	13.24	40.5		1.6				9.0	7.9		
	H	13.24	39.3		1.1		+		4.6	6.4	5.6	3.7
	Z	13.24	40.6		1.6				1.4	1.8		
08	A	14.15	09.0		1.0				0.2	0.4		
	H	14.15	08.2		0.6				0.3	0.3	3.3	1.5
	Z	14.15	09.2		1.2				0.2			
08	A	14.50	59.6		0.9				1.6	2.5		
	H	14.50	59.0		0.7		-		2.4	2.0	2.5	2.7
	Z	14.50	59.6		0.9				1.6	2.0		
08	A	16.36	05.6		1.1				0.4	1.3		
	H	16.36	04.8		0.7		+		1.5	2.2	2.8	2.6
	Z	16.36	05.6		1.1				0.8	0.8		
08	A	18.08	43.6		1.4				4.5	6.1		
	H	18.08	43.8		1.9		+		2.9	4.2	7.4	3.6
	Z	18.08	43.2		1.3		+		7.2			
08	A	18.09	25.4		1.4				7.1	6.0		
	H	18.09	26.0		2.1		-		5.7	8.4	6.1	3.9
	Z	18.09	25.1		1.2		-			21.6		
08	A	19.16	03.5		1.4				0.4	0.6		
	H	19.16	03.9		1.9				0.2	0.2	7.8	2.1
	Z	19.16	03.3		1.3				0.6	0.4		
08	A	19.41	29.4		1.1		+		1.2	2.0		
	H	19.41	29.1		1.0				3.4	3.2	3.4	2.9
	Z	19.41	29.2		0.9				5.9	7.9		
09	A	04.31	39.0		1.1				0.4	1.6		
	H	04.31	38.1		0.6		-		1.6	2.6	3.2	2.6
	Z	04.31	39.7		1.3				0.6	0.7		
09	A	04.34	36.4		1.1				0.6	3.4		
	H	04.34	35.7		0.5				5.2	5.0	2.3	3.0
	Z	04.34	36.9		1.2				0.9	1.2		
09	A	04.45	07.7		1.2				0.6	0.6		
	H	04.45	07.2		0.9				2.2	1.3	2.3	2.5
	Z	04.45	07.7		1.0		+		3.4	3.6		
09	A	05.07	24.8		1.2				0.8	1.3		
	H	05.07	25.3		1.1				1.0	1.6	6.1	2.7
	Z	05.07	26.1		1.5				1.0	0.7		
09	A	07.02	17.8		1.2				0.9	1.3		
	H	07.02	18.2		1.2				0.7	0.6	3.0	2.5
	Z	07.02	18.0		0.8				5.9	5.7		
09	A	07.06	12.7		0.7				1.6	1.5		
	H	07.06	12.5		0.8		-		2.5	3.0	2.7	2.6
	Z	07.06	12.7		0.8		-		4.4	8.0		
09	A	09.08	30.0		0.9				0.5	0.6		
	H	09.08	29.5		0.9				1.1	1.0	3.5	2.2
	Z	09.08	29.8		0.9				1.6	1.5		
09	A	09.08	32.5		0.9				1.2	1.0		
	H	09.08	32.1		0.8				2.2	2.1	2.5	2.5
	Z	09.08	32.3		0.9				3.6	3.9		
09	A	09.12	26.5		0.8				1.0	2.2		
	H	09.12	26.2		0.5		-		5.0	4.2	0.8	2.7
	Z	09.12	26.9		0.9		-		0.9	0.6		
09	A	09.17	43.5		2.2				3.1	7.2		
	H	09.17	42.3		1.7				12.0	8.4	9.6	4.2
	Z	09.17	43.9		2.2				2.4	3.6		
09	A	11.18	09.4		0.8				0.9	1.0		
	H	11.18	09.0		0.7				1.4	1.8	1.2	2.3
	Z	11.18	09.2		0.8		-		3.0	2.3		
09	A	11.28	47.4		1.1				0.9	1.4		
	H	11.28	47.2		1.0				2.1	2.1	5.3	2.7
	Z	11.28	48.0		1.6				0.8	0.7		
09	A	12.18	59.6		2.7				0.8	1.0		
	H	12.18	58.5		2.4		+		3.7	3.7	14.1	3.5
	Z	12.19	00.0		2.7				0.3	0.1		
09	A	12.57	41.9		1.0				1.1	0.9		
	H	12.57	41.8		0.9				1.8	1.8	2.4	2.5
	Z	12.57	41.9		0.9				4.8	2.7		
09	A	19.16	41.8		1.1				1.9	2.0		
	H	19.16	41.0		0.9				5.0	3.4	3.3	3.0
	Z	19.16	42.4		1.0				3.3	2.8		
10	A	00.30	55.4		1.2				0.5	0.3		
	H	00.30	56.1		1.8				0.2	0.2	5.9	1.9
	Z	00.30	55.1		1.0		-		1.8	2.6		
10	A	01.17	50.9		1.0				0.3	0.6		
	H	01.17	50.1		0.8				1.3	1.1	2.6	2.2
	Z	01.17	50.7		0.9				1.1	0.3		
10	A	05.39	37.5		0.8				0.6	0.7		
	H	05.39	38.3		1.2				0.5	0.4	2.6	2.0
	Z	05.39	37.5		0.5					9.6		
10	A	11.08	56.7		1.0				1.6	1.7		
	H	11.08	56.5		1.0				1.7	1.8	3.9	2.6
	Z	11.08	56.5		0.9				4.8	3.3		
10	A	11.57	34.3		1.1				2.6	3.3		
	H	11.57	34.4		1.1				3.4	3.3	4.5	3.1
	Z	11.57	34.5		1.0		+			9.2		
10	A	13.07	31.6		1.0				0.7	1.0		
	H	13.07	30.8		0.5		+		3.0	4.6	2.8	2.6
	Z	13.07	32.1		1.3				0.9	0.3		
10	A	13.41	58.3		1.0				2.2	2.6		
	H	13.41	57.2		1.1		+		4.4	4.1	3.8	3.1
	Z	13.41	57.2		0.9				6.8	4.8		
10	A	15.19	08.5		0.8				0.8	0.7		
	H	15.19	09.0		1.5				0.3	0.3	2.9	2.0
	Z	15.19	08.1		0.5				3.4	3.5		
10	A	15.57	26.0		0.7				2.8	2.6		
	H	15.57	25.6		1.2				0.8	1.0	2.7	2.6
	Z	15.57	25.5		0.5							
10	A	16.22	41.3		1.3				4.7	2.1		
	H	16.22	40.7		1.0				7.6	5.3	4.8	3.5
	Z	16.22	41.4		1.3				3.2	5.3		
10	A	18.56	30.9		1.0				0.7	0.6		
	H	18.56	30.3		0.8				1.4	1.7	1.4	2.3
	Z	18.56	30.7		0.9				1.2	1.0		
10	A	21.32	21.8		0.5				2.1	1.4		
	H											

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

133

Nov. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude		Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S						E	N	U		E-W	N-S					
11	A	01.08	33.6		1.0				0.8	0.7	3.3	2.2		13	A	09.47	42.0		1.1			+	3.4	6.6	4.6	3.6
	H	01.08	33.5		0.9			0.8	0.8								-	7.8	6.8							
	Z	01.08	33.6		0.9			2.5	1.5								+									
11	A	05.42	56.7		0.6				2.9	6.2	3.5	2.7		13	A	10.10	47.3		0.5				3.6	3.4	1.5	2.9
	H	05.42	56.9		1.0			1.2	1.2									3.2	3.2							
	Z	05.42	57.2		1.0			1.0	0.7																	
11	A	06.03	44.0		1.5				6.7	4.2	6.3	3.6		13	A	12.21	25.3		1.6				0.2	0.5	6.2	2.4
	H	06.03	43.1		1.1		+	3.4	4.6									0.4	0.3							
	Z	06.03	44.3		1.6			1.1	2.3								-									
11	A	08.33	07.5		1.1				6.1	7.3	3.5	3.7		13	A	13.39	39.5		1.2				0.6	0.6	5.8	2.1
	H	08.33	06.7		0.9		-	12.1	8.3									0.3	0.1							
	Z	08.33	07.4		1.0			10.2	5.6									3.3	1.8							
11	A	09.55	16.2		1.2				0.8	0.3	3.8	2.4		13	A	13.44	15.9		0.5			+	26.9	13.1	2.6	3.5
	H	09.55	15.5		0.9		+	1.0	1.6								+	4.8	3.6							
	Z	09.55	16.3		1.2			0.6	0.2								-	12.0	17.5							
11	A	11.25	10.9		2.0				0.3	0.6	10.0	2.9		13	A	13.48	16.4		1.3				0.2	0.5	5.2	2.1
	H	11.25	12.1		2.7		+	0.9	0.6									0.3	0.2							
	Z	11.25	10.6		1.9			1.0	1.6									2.7	3.1							
11	A	13.54	55.6		1.2				0.3	0.8	3.7	2.6		13	A	17.51	28.6		1.5				0.6	0.4	8.0	2.2
	H	13.54	54.6		0.7		-	3.8	2.7									0.3	0.2							
	Z	13.54	56.1		1.4			0.2										1.2	1.3							
11	A	14.36	30.8		0.8				0.6	0.2	2.0	2.2		13	A	18.02	03.7		0.9				0.4	0.4	2.0	1.5
	H	14.36	30.7		0.7		+	1.8	2.7									0.4	0.3							
	Z	14.36	30.8		0.8		-	2.5	3.8									0.8	1.0							
11	A	14.46	13.9		0.8				0.7	0.6	1.4	1.9		13	A	18.06	33.0		0.8				0.6	0.6	3.5	2.0
	H	14.46	13.6		0.7		-	0.8	0.9									0.4	0.2							
	Z	14.46	13.9		0.8		-	2.0	1.6									2.9	3.2							
11	A	16.13	27.7		0.6				16.8	16.8	3.5	3.1		13	A	21.08	37.2		1.3			+	2.1	6.6	3.2	3.6
	H	16.13	28.7		1.1			1.0	1.2								+	9.0	6.3							
	Z	16.13	28.4		0.9													3.6	6.6							
11	A	17.26	47.0		1.3				0.5	1.2	3.5	2.6		13	A	21.48	15.6		1.2				0.8	2.0	3.6	2.9
	H	17.26	46.5		0.9			1.2	1.6								+	3.9	4.0							
	Z	17.26	46.9		1.2			0.7	0.6									2.0	2.7							
11	A	19.21	14.2		0.7				0.7	1.3	3.0	1.9		13	A	21.50	46.8		1.2				0.5	1.0	2.1	2.5
	H	19.21	15.0		1.5			0.2								+	1.4	2.3								
	Z	19.21	14.2		0.7		+	2.9	2.2									1.1	1.5							
11	A	23.03	00.3		1.2				3.0	7.4	3.0	3.4		14	A	00.20	38.2		1.1				0.4	0.6	2.8	2.1
	H	23.03	00.4		0.6		-	6.4	8.0									1.6	1.6							
	Z	23.03	00.8		1.3		-		8.2									0.4	0.3							
11	A	23.48	41.5		1.1				0.5	0.5	5.2	2.3		14	A	01.18	21.4		0.9				0.3	0.3	4.4	1.9
	H	23.48	42.7		1.8			0.8	0.5									0.3	0.4							
	Z	23.48	41.6		0.9			1.4	3.6									0.6	1.0							
12	A	00.04	16.5		1.8				10.7	13.0	6.2	4.3		14	A	02.52	56.9		1.1				2.2	3.7	3.4	3.4
	H	00.04	15.7		1.1		+	20.2	15.8									10.2	6.8							
	Z	00.04	16.9		1.9		-	7.3	12.7									10.6	7.7							
12	A	04.53	27.3		1.3				0.4	0.4	2.3	1.9		14	A	03.48	44.5		0.8				1.3	4.6	3.6	3.0
	H	04.53	26.8		0.8			0.6	0.5								+	4.1	4.6							
	Z	04.53	27.5		1.2			0.6	0.6								-	2.5	2.6							
12	A	12.00	52.2		1.1				0.4	0.5	4.0	2.3		14	A	04.04	03.2		0.8				2.2	2.3	3.4	2.3
	H	12.00	52.0		1.0		-	1.6	1.4									0.4	0.4							
	Z	12.00	52.2		1.0			2.2										5.0	3.8							
12	A	12.50	10.0		1.0				1.2	0.5	2.1	2.4		14	A	04.44	20.3		1.0				1.2	4.9	3.6	3.2
	H	12.50	09.8		0.8			1.7	1.8									4.1	6.1							
	Z	12.50	09.9		0.9			4.4										3.0	3.0							
12	A	20.55	27.2		1.4				1.3	2.8	3.8	3.1		14	A	07.29	16.1		1.3				0.5	0.4	1.6	1.9
	H	20.55	26.3		0.8		+	4.2	3.0									0.6	0.4							
	Z	20.55	27.4		1.4		-											0.4	0.2							
13	A	02.07	05.4		1.2				0.2	0.5	3.9	2.2		14	A	15.50	15.8		1.6				1.6	4.1	3.8	3.0
	H	02.07	04.8		0.9		+	1.2	1.4								-	1.9	2.0							
	Z	02.07	05.5		1.1			0.6									+	29.0								
13	A	02.57	53.1		1.2				0.8	1.0	4.2	2.6		14	A	17.56	13.4		0.8				0.6	0.8	1.2	2.3
	H	02.57	53.5		1.4			0.9	1.2									1.3	2.3							
	Z	02.57	52.6		0.8		+										-	4.0	3.7							
13	A	03.00	04.7		1.1				0.8	1.6	5.4	2.8		14	A	20.20	06.7		1.5				0.2	0.3	3.7	1.7
	H	03.00	05.0		1.5			1.4	1.8									0.4	0.3							
	Z	03.00	04.1		0.9													1.0	1.4							
13	A	04.15	40.6		1.1				1.1	2.8	4.0	3.0		14	A	20.52	47.3		0.6				1.7	2.2	3.0	2.6
	H	04.15	39.8		0.8		-	3.4	3.4									1.0	2.0							
	Z	04.15	40.5		1.1		-	2.0										6.0	2.6							
13	A	04.59	18.6		1.0				1.0	3.2	2.7	3.2		14	A	21.04	16.6		0.9				0.6	1.0	3.6	2.2
	H	04.59	18.3		0.5		+	8.8	12.0									0.4	0.7							
	Z	04.59	19.2		1.2		-	1.7									2.5	3.4								
13	A	07.58	57.6		1.0				0.6	1.9	2.9	2.5		14	A	23.26	24.8		0.7				0.8	2.8		2.6
	H	07.58	56.9		0.6			1.0	1.8								-	2.3	2.6							
	Z	07.58	58.0		1.2			1.3										1.3	1.0							

Nov. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
15	A	01.04	08.4		1.1				0.2	0.6		
	H	01.04	08.6		0.9				2.5	2.3		
	Z	01.04	08.3		1.0				4.2	4.5	3.5	2.5
15	A	01.06	16.5		1.2				1.6	1.4		
	H	01.06	16.6		1.0			-	5.1	4.0	3.0	3.0
	Z	01.06	16.3		1.0				4.4	4.7		
15	A	01.56	59.9		0.8				1.0	1.7		
	H	01.57	01.3		1.3				1.6	2.2	3.3	2.7
	Z	01.56	59.8		0.6				2.7	5.6		
15	A	02.03	21.7		1.0				0.5	1.0		
	H	02.03	22.1		1.2				0.8	1.2	5.4	2.5
	Z	02.03	22.4		1.5				0.5	0.4		
15	A	02.08	08.3		0.7				1.8	1.5		
	H	02.08	09.6		1.2				1.0	1.0	3.2	2.5
	Z	02.08	08.1		0.6			+	4.4	5.6		
15	A	02.14	06.7		1.2			-	1.3	4.0		
	H	02.14	07.2		1.2				4.3	3.8	6.6	3.3
	Z	02.14	07.4		1.6				1.2	1.4		
15	A	02.21	12.5		0.7				0.7	1.1		
	H	02.21	13.9		1.4				0.6	0.8	3.3	2.3
	Z	02.21	12.4		0.7				4.0	2.0		
15	A	04.04	58.7		1.0				1.6	4.4		
	H	04.04	59.2		0.7				10.5	10.1	2.1	3.3
	Z	04.04	58.8		1.0				4.0	3.6		
15	A	07.55	36.5		0.9				0.4	0.8		
	H	07.55	37.0		1.0				0.4	0.5	2.7	2.0
	Z	07.55	36.2		0.7				2.4	2.2		
15	A	09.01	52.7		1.0				0.6	1.8		
	H	09.01	52.7		1.0				3.6	6.1	4.5	3.0
	Z	09.01	53.6		1.6				1.1	1.8		
15	A	10.25	30.8		1.0				1.5	1.8		
	H	10.25	30.4		1.1				1.0	1.8	4.4	2.7
	Z	10.25	30.8		1.0				3.9	6.6		
15	A	17.52	35.8		1.1			-	3.4	3.0		
	H	17.52	36.1		1.2				3.0	2.6	6.3	3.1
	Z	17.52	36.8		1.5			-	3.6	3.6		
15	A	18.34	25.7		1.1				1.4	0.8		
	H	18.34	26.2		1.1				1.2	1.0	5.7	2.6
	Z	18.34	26.8		1.5				0.6	0.6		
15	A	18.38	09.4		1.5				1.0	0.9		
	H	18.38	08.9		1.0			+	3.2	1.6	5.9	2.8
	Z	18.38	09.7		1.6				1.0	0.8		
15	A	18.58	02.5		1.8				1.6	2.2		
	H	18.58	01.4		1.2				4.6	2.5	4.2	3.3
	Z	18.58	02.7		1.7				1.3	2.6		
15	A	20.14	51.0		1.1			-	0.8	0.7		
	H	20.14	51.7		0.8				0.6	0.8	4.8	2.2
	Z	20.14	51.8		1.5				0.6	0.6		
16	A	00.06	19.2		1.1				0.8	1.0		
	H	00.06	19.1		1.0				1.6	0.7	3.7	2.5
	Z	00.06	19.1		1.0				6.6	3.6		
16	A	02.50	36.0		1.0			-	1.2	1.2		
	H	02.50	35.4		0.7				2.5	2.4	2.0	2.1
	Z	02.50	35.9		0.9				2.6	1.6		
16	A	05.21	21.9		1.2				0.3	0.8		
	H	05.21	20.4		0.7				1.5	1.4	3.9	2.3
	Z	05.21	21.9		1.3				0.4	0.4		
16	A	06.48	51.4		0.6				2.8	3.4		
	H	06.48	51.4		0.9			+	1.0	1.2	3.0	2.5
	Z	06.48			1.0				1.2	1.0		
16	A	08.02	18.2		1.1				12.0	19.6		
	H	08.02	17.5		0.9			+	16.8		4.9	4.2
	Z	08.02	18.4		1.4			-	20.6			
16	A	08.04	34.4		1.0					1.0		
	H	08.04	33.9		0.6				0.4	0.5	2.8	1.9
	Z	08.04	34.7		1.1				0.4	0.3		
16	A	08.05	38.6		1.0				0.2	1.1		
	H	08.05	37.5		0.6			+	0.8	1.5	2.8	2.3
	Z	08.05	38.6		1.2				0.6	0.4		
16	A	08.06	32.7		1.1				0.5	1.0		
	H	08.06	31.7		0.6			-	1.1	1.4	2.3	2.3
	Z	08.06	32.7		1.1				1.0	0.4		
16	A	08.25	43.6		1.0				1.0	4.2		
	H	08.25	42.7		0.7			+	2.3	4.5	3.8	3.1
	Z	08.25	43.7		1.2			-	2.3	2.9		
16	A	09.28	39.8		1.5							
	H	09.28	39.0		0.9							
	Z	09.28	39.7		1.4						3.8	3.2
16	A	11.32	23.3		1.1							
	H	11.32	22.8		0.4				0.2	1.3		
	Z	11.32	23.7		1.3				1.6	1.4	2.2	2.2
16	A	13.53	34.2		1.1							
	H	13.53	34.8		1.1				0.4	0.6		
	Z	13.53	35.4		1.6				0.7	0.7	5.2	2.1
16	A	14.15	25.9		1.7							
	H	14.15	24.9		1.1				0.5	0.6		
	Z	14.15			1.5				1.4	0.7	3.1	2.6
16	A	14.52	31.6		0.9							
	H	14.52	30.8		0.6				0.6	1.1		
	Z	14.52	32.0		1.3				1.6	1.3	3.4	2.3
16	A	23.30	12.4		1.5							
	H	23.30	12.9		1.9				0.6	0.5		
	Z	23.30	12.2		1.3				0.2	0.2	7.9	2.2
17	A	05.55	27.1		1.0							
	H	05.55	26.0		0.9				1.2	1.9	4.5	2.2
	Z	05.55	27.0		1.2				0.9	0.8		
17	A	05.56	04.2		1.4			+				
	H	05.56	03.5		1.2			+	26.0	13.4	6.2	4.3
	Z	05.56	04.3		1.4				12.8			
17	A	05.57	46.3		1.3							
	H	05.57	45.5		0.9			+	0.2	1.0		
	Z	05.57	46.2		1.3				1.0	1.3	4.1	2.5
17	A	06.57	28.8		1.4							
	H	06.57	27.4		1.4				16.0	7.9	7.1	4.0
	Z	06.57	28.6		1.3			-	5.6	5.8		
17	A	07.27	12.0		1.0							
	H	07.27	11.7		0.9				0.9	1.2		
	Z	07.27	11.8		0.9				2.2	2.3	2.9	2.6
17	A	10.20	06.5		1.0							
	H	10.20	06.6		1.2				5.4	5.2		
	Z	10.20	05.8		0.6				0.3	0.8	2.4	2.2
17	A	18.27	22.5		0.9				0.6	0.4		
	H	18.27	22.3		0.9				4.0	7.2	3.1	2.4
	Z	18.27	22.4		0.8			-	1.0	0.7		
17	A	19.34	44.9		1.1				1.0	1.6		
	H	19.34	44.2		0.6			+	3.1	2.6	3.0	3.3
	Z	19.34	45.2		1.2				5.3	4.4		
17	A	21.41	22.8		1.3				2.8	5.8		
	H	21.41	23.9		2.1							
	Z	21.41	22.8		1.4				2.4	1.8	6.4	3.1
17	A	22.08	18.8		1.3				1.3	1.4		
	H	22.08	18.1		0.8				1.7	4.6		
	Z	22.08	19.2		1.4				0.3	1.8		
18	A	04.20	33.7		1.0				1.9	2.4	3.8	2.8
	H	04.20	34.3		1.2				1.2	2.0		
	Z	04.20	33.2		0.7				0.4	1.7	3.4	2.5
18	A	06.12	38.1		0.9				0.8	0.7		
	H	06.12	37.9		0.9				7.5			
	Z	06.12	38.0		0.8			-	0.6	0.7	2.8	2.7
18	A	07.20	13.5		1.1			+	3.6	6.0		
	H	07.20	13.2		0.9			-	4.2	3.8		
	Z	07.20	13.4		1.0			+	1.0	1.0	3.4	2.8
18	A	08.49	41.6		1.4				4.1	3.4		
	H	08.49	40.9		0.9			+	6.3	8.0		
	Z	08.49	41.8		1.3				1.8	2.9	2.8	3.3
18	A	10.09	29.0		1.9				8.3	5.7		
	H	10.09	28.0		1.5			-	2.4	2.7		
	Z	10.09	29.6		2.0				0.2	1.0	8.5	2.9
18	A	18.30	23.7		1.0			+	1.6	1.7		
	H	18.30	23.6		1.0			-	0.4	0.2		
	Z	18.30	23.8		0.8			-	0.4	0.7	3.1	

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

135

Nov. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude		Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude			
		h	m	s		E	N	U	E-W	N-S						E	N	U		E-W	N-S								
19	A	00.59	07.8		1.6				0.1	0.6					A	01.43	13.3	1.1			-	1.4	3.6						
	H	00.59	06.8		0.9			+	1.0	1.2	4.3	2.4			H	01.43	12.3	0.6				3.3	2.8	3.0	2.9				
	Z	00.59	08.0		1.6				0.6	0.3					Z	01.43	13.5	1.2				1.3	1.5						
19	A	02.15	19.2		2.2			-	1.3	1.4					A	11.30	58.0	0.7				0.7	1.6						
	H	02.15	19.8		3.1			-	1.4	1.5	9.3	3.3			H	11.30	58.2	0.9				0.5	0.6	3.7	2.2				
	Z	02.15	18.6		2.2				2.9	4.7					Z	11.30	58.6	1.1				0.6	0.6						
19	A	05.10	47.6		1.1			-	0.8	3.9					A	13.27	42.6	1.0				0.8	1.1						
	H	05.10	47.9		1.2			+	3.4	2.8	5.5	3.2			H	13.27	42.6	0.9				0.4	0.4	2.8	2.0				
	Z	05.10	48.5		1.6			-	1.0	2.2					Z	13.27	42.6	0.9				1.6	1.7						
19	A	20.12	23.2		1.3				0.8	0.7					A	15.42	21.8	1.0				0.4	0.2						
	H	20.12	22.4		0.6			-	6.0	4.0	2.1	2.7			H	15.42	21.5	0.9				0.7	0.4	2.5	1.9				
	Z	20.12	23.8		1.4			-	0.3	0.7					Z	15.42	21.7	0.9				1.4	1.6						
19	A	22.36	00.4		0.9			-	1.2	1.5					A	17.08	00.7	1.1				0.8	0.3						
	H	22.36	00.2		0.9			+	0.6	1.6	4.3	2.5			H	17.07	59.6	0.6				1.6	1.0	3.3	2.2				
	Z	22.36	01.0		1.3			-	0.3	0.4					Z	17.08	01.0	1.3				0.4	0.3						
20	A	00.07	32.8		1.5				0.4	0.4					A	17.50	26.8	1.2				3.0	6.6						
	H	00.07	33.6		1.8				0.1						H	17.50	26.1	0.8			-	18.6	9.0	4.8	3.7				
	Z	00.07	32.8		1.3			+	0.9	4.0	7.6	1.8			Z	17.50	27.3	1.4				1.6	2.1						
20	A	04.20	32.3		1.2			+	0.4	0.3					A	18.57	24.8	1.0				0.7	0.6						
	H	04.20	32.5		1.3				0.3	0.3	3.2	1.9			H	18.57	24.5	0.8				1.4	1.2	2.7	2.3				
	Z	04.20	31.6		0.7				2.2	2.6					Z	18.57	24.8	0.8				2.6	2.1						
20	A	06.27	12.8		1.0				0.4	0.6					A	07.07	28.5	0.9				2.0	5.8						
	H	06.27	12.7		0.4				1.2	1.7	2.1	1.9			H	07.07	29.4	1.3				3.4		3.5	3.2				
	Z	06.27	13.1		1.3				0.4	0.5					Z	07.07	28.2	0.6			+								
20	A	06.58	17.7		1.1				0.3	0.5					A	07.17	05.9	1.2				3.4	2.6						
	H	06.58	17.0		0.6			+	2.5	2.6	2.9	2.3			H	07.17	05.9	1.2				3.4	3.2	5.8	3.2				
	Z	06.58	18.1		1.2			-	0.4	0.4					Z	07.17	06.6	1.7			-	1.5	1.4						
20	A	09.03	25.8		1.2				1.3	2.1					A	08.20	59.4	1.1				0.2	0.4						
	H	09.03	25.8		0.7			+	3.0	2.7	3.7	2.8			H	08.20	59.2	1.0				1.2		2.4	2.2				
	Z	09.03	25.9		1.4			-	0.8	1.4					Z	08.20	59.0	0.8				6.8	3.9						
20	A	10.34	04.7		0.9			+	1.6	1.8					A	12.20	39.7	0.5				0.9	0.8						
	H	10.34	04.5		0.8				1.5	1.8	2.7	2.5			H	12.20	39.9	0.8				0.4	0.2	2.4	1.6				
	Z	10.34	04.4		0.9				1.8	2.0					Z	12.20	40.6	1.0				0.2	0.2						
20	A	14.55	19.3		2.2				0.8	0.6					A	13.01	37.5	0.9				0.7	0.6						
	H	14.55	20.1		3.1				0.8	0.4	8.4	3.0			H	13.01	36.9	0.6				0.5	1.0	1.4	2.0				
	Z	14.55	18.9		2.2				1.4	5.7					Z	13.01	37.7	0.9			-	0.8	0.8						
20	A	15.19	47.3		0.9				0.5	0.4					A	14.10	54.2	1.1				0.4	1.0						
	H	15.19	47.0		0.8				0.4	0.4	2.3	1.7			H	14.10	53.3	0.8			+	3.0	2.0	4.6	2.6				
	Z	15.19	47.1		0.8				1.0	0.8					Z	14.10	54.6	1.3				0.7	1.1						
20	A	17.23	08.1		0.8				23.2	21.6					A	15.47	09.4	0.8				0.8	1.7						
	H	17.23	07.2		1.0				17.4	15.8	4.4	4.1			H	15.47	10.0	1.4				0.6	0.4	3.6	2.4				
	Z	17.23	08.1		1.2			-	14.6	16.0					Z	15.47	09.2	0.7				5.0							
20	A	17.24	42.9		1.1				0.5	1.2					A	15.57	08.1	1.0				0.2	1.0						
	H	17.24	42.0		0.5				0.8	1.6	1.3	2.3			H	15.57	07.8	0.6				0.8	0.6	2.3	2.1				
	Z	17.24	42.8		1.1				0.8	0.3					Z	15.57	08.6	1.0				0.8							
20	A	17.27	52.5		1.1				4.3	7.7					A	17.23	21.1	1.0				1.2	2.9						
	H	17.27	51.7		0.6				9.6	9.2	3.4	3.4			H	17.23	21.6	1.5				1.7	1.6	4.5	2.9				
	Z	17.27	52.8		1.3			-	2.1	1.6					Z	17.23	20.8	0.8			+	8.6	4.4						
20	A	17.28	06.7		1.0				1.3	2.6					A	19.05	56.9	1.1				0.6	0.8						
	H	17.28	05.9		0.4				2.0	2.2	1.3	2.4			H	19.05	56.9	1.3				0.8	0.9	5.9	2.4				
	Z	17.28	06.7		1.2				1.4	1.4					Z	19.05		1.6				0.6	0.2						
20	A	17.29	44.6		1.0				0.5	1.5					A	19.20	50.5	1.6				3.3	2.4						
	H	17.29	43.9		0.5				2.2	2.0	2.6	2.4			H	19.20	51.3	2.0			+	1.4	2.4	7.9	3.4				
	Z	17.29	44.7		1.3				0.5	0.4					Z	19.20	50.4	1.3				5.0	5.6						
20	A	19.24	13.7		1.0				3.5	6.4					A	19.24	28.4	1.5				0.5	0.2						
	H	19.24	14.4		1.5			+	3.4	3.4	5.6	3.4			H	19.34	29.1	2.0				0.4	0.5	7.9	2.4				
	Z	19.24	13.6		1.0				5.9	4.2</																			

Nov. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
23	A	07.50	40.7		2.0				0.8	0.8	8.0	3.2
	H	07.50	39.8	1.4				4.4	5.5			
	Z	07.50	40.2	2.2				0.6	0.4			
23	A	09.06	24.6		1.8				4.2	6.2	5.8	3.8
	H	09.06	23.4	1.1			+	10.9	9.8			
	Z	09.06	24.8	1.9			-	3.2	5.8			
23	A	12.29	07.3		0.9				1.1	1.2	4.6	2.4
	H	12.29	07.6	1.5				0.4	0.6			
	Z	12.29	06.7	0.8				5.0	4.2			
23	A	12.58			1.5				0.4	0.6	7.0	2.6
	H	12.58	03.7	2.2				0.7	0.6			
	Z	12.58	03.3	1.3				0.7	2.7			
23	A	17.38	58.1		1.6				1.2	0.7	7.7	2.6
	H	17.38	58.6	2.1				0.4	0.3			
	Z	17.38	57.7	1.3				2.7	3.7			
23	A	17.50	44.5		0.9				1.0	1.7	2.7	2.4
	H	17.50	44.1	0.7			-	1.5	1.4			
	Z	17.50	44.5	1.0				2.0	1.7			
23	A	18.19	20.4		1.5				1.6	2.4	8.3	3.1
	H	18.19	21.2	1.9			+	1.2	1.3			
	Z	18.19	20.2	1.4				4.0	3.4			
23	A	19.38	15.5		0.5			+	7.7	8.2	2.0	2.8
	H	19.38	17.0	1.2				1.1	1.2			
	Z	19.38	15.2	0.5			+	5.6	5.1			
23	A	20.40	44.6		0.6				4.3	8.4	2.7	3.1
	H	20.40	45.4	1.2				2.2	2.0			
	Z	20.40	44.5	0.6				25.0				
23	A	20.45	00.9		0.6				1.2	2.0	2.7	2.2
	H	20.45	01.9	1.3				0.4	0.4			
	Z	20.45	00.8	0.6				3.3	3.9			
23	A	22.33	59.6		1.6				2.2	1.1	7.9	3.0
	H	22.34	00.1	2.0			+	1.0	1.0			
	Z	22.33	59.3	1.3				7.6	6.8			
23	A	23.06	24.8		1.6				0.5	0.8	8.0	2.4
	H	23.06	25.7	1.9				0.4	0.4			
	Z	23.06	24.7	1.3				1.9	1.3			
24	A	00.49	21.4		1.7				0.7	0.6	7.1	3.0
	H	00.49	20.3	1.2			-	3.7	4.8			
	Z	00.49	21.7	2.1				0.8	0.6			
24	A	00.49	31.4		0.9				2.1	1.4	1.0	2.6
	H	00.49	31.2	0.5			-	1.9	2.4			
	Z	00.49	31.8	1.0			-	3.1	4.0			
24	A	03.22	53.0		0.9				0.5	0.8	2.7	2.2
	H	03.22	52.7	0.7			-	0.7	1.4			
	Z	03.22	53.4	1.0				0.9	0.9			
24	A	06.28	49.2		0.9				3.5	3.4	4.9	3.1
	H	06.28	49.9	1.4			-	2.6	1.8			
	Z	06.28	49.1	0.9				6.0	52.			
24	A	07.39	50.2		1.0				9.5	16.3	4.8	4.1
	H	07.39	51.0	1.5			-	11.8	11.2			
	Z	07.39	49.9	0.8				53.6				
24	A	07.47	50.4		0.7			-	7.7	6.9	3.7	3.4
	H	07.47	50.8	1.0			+	8.7	7.2			
	Z	07.47	51.3	1.0				4.1	4.0			
24	A	16.10	05.8		1.0				0.8	0.7	3.9	2.5
	H	16.10	05.7	1.0			-	2.3	1.4			
	Z	16.10	05.8	0.9				7.0	5.5			
24	A	16.10	19.7		1.0				6.8	4.0	4.2	3.5
	H	16.10	19.7	1.0			-	5.4	8.2			
	Z	16.10	19.7	1.0			-					
24	A	16.14	24.4		1.0				1.2	1.0	4.0	2.7
	H	16.14	24.4	1.0				3.0	1.8			
	Z	16.14	24.5	0.9				3.2	2.4			
24	A	16.19	32.4		0.9				0.4	0.8	2.1	2.3
	H	16.19	32.2	0.5				1.7	3.0			
	Z	16.19	33.1	1.1				0.3	0.4			
24	A	19.50	00.6		1.1				1.0	1.2	5.6	2.5
	H	19.50	00.9	1.1				1.0	0.8			
	Z	19.50	01.5	1.6			-	0.8	1.0			
24	A	20.52	25.1		1.0				0.6	1.0	3.4	2.2
	H	20.52	25.4	1.3				0.4	0.4			
	Z	20.52	24.3	0.6				2.0	2.8			
24	A	20.56	53.6		1.1				0.4	0.6	2.3	1.8
	H	20.56	53.8	1.2				0.2	0.2			
	Z	20.56	53.1	0.7			+	4.3	7.4			
24	A	22.06	22.8		1.1				0.4	0.7	5.1	2.1
	H	22.06	23.5	1.3				0.4	0.3			
	Z	22.06	22.4	0.9				3.2	6.2			
24	A	22.06	56.2		1.4				0.4	0.7	6.1	2.3
	H	22.06	57.0	1.3				0.5	0.4			
	Z	22.06	55.9	1.2				3.0	2.8			
25	A	02.04	17.9		1.0			-	8.0	8.8	5.4	4.1
	H	02.04	19.0	1.8			-	18.2	23.9			
	Z	02.04	17.8	1.3				36.6				
25	A	02.10	01.3		1.0			-	0.6	1.0	4.7	2.5
	H	02.10	02.3	1.7				0.8	0.8			
	Z	02.10	01.3	0.8				3.2	5.3			
25	A	02.59	38.1		1.0				0.8	0.8	3.3	2.6
	H	02.59	37.9	0.8				3.6	3.0			
	Z	02.59	38.3	1.1				1.8	1.4			
25	A	03.02	07.1		1.1				0.5	0.5	2.0	2.0
	H	03.02	06.7	0.9				1.0	0.7			
	Z	03.02	07.4	0.9				1.5	0.7			
25	A	14.36	16.7		1.2				0.7	1.2	4.6	2.7
	H	14.36	17.1	1.4			-	1.0	1.2			
	Z	14.36	16.2	0.9			+	6.4	7.7			
25	A	14.40	37.9		1.7			+	0.6	0.4	7.1	2.6
	H	14.40	36.9	1.2				0.9	1.3			
	Z	14.40	37.9	1.9				0.5	0.3			
25	A	15.46	22.9		1.1				11.3	5.6	4.3	3.9
	H	15.46	22.7	1.0				13.0	9.7			
	Z	15.46	22.9	1.0				25.6	23.5			
25	A	17.03	16.5		1.6				2.1	1.6	8.3	3.2
	H	17.03	17.7	2.2			+	1.1	1.8			
	Z	17.03	16.3	1.4			+	3.2	7.0			
25	A	18.25	01.2		1.1				0.7	0.4	2.7	2.3
	H	18.25	00.8	0.9				1.4	1.1			
	Z	18.25	01.1	1.0				1.9	1.4			
25	A	18.26	54.4		1.0				0.7	0.7	1.6	1.6
	H	18.26	55.2	1.0				0.3	0.4			
	Z	18.26	54.6	1.0				1.4	2.2			
25	A	18.41	20.0		0.9				1.0	0.6	2.2	2.3
	H	18.41	19.9	0.8				0.8	1.6			
	Z	18.41	19.9	0.8				2.6	2.7			
25	A	18.52	14.3		1.1				1.4	1.3	3.9	2.7
	H	18.52	14.2	1.0				2.0	0.9			
	Z	18.52	14.2	1.0				6.8	5.6			
25	A	19.43	31.9		1.1				1.7	4.1	3.4	3.1
	H	19.43	31.1	0.6			-	3.8	4.8			
	Z	19.43	32.2	1.3				1.2	2.0			
25	A	20.22	50.5		0.8			+	0.4	0.8	3.6	2.1
	H	20.22	50.5	1.0				0.5	0.8			
	Z	20.22	51.2	1.4				0.5	0.3			
25	A	21.54	00.7		1.0				3.9		1.7	3.4
	H	21.54	00.3	1.2			-	7.2	8.3			
	Z	21.54		0.5				1.9	5.6			
25	A	23.46	32.7		1.1				1.2		5.7	2.0
	H	23.46	32.8	1.1			+	6.5	5.4			
	Z	23.46	33.4	1.5				3.6	2.9			
26	A	00.45	46.7		2.0				0.8	0.7	7.0	3.1
	H	00.45	45.7	1.3				1.4	4.2			
	Z	00.45	47.0	2.1				0.7	0.4			
26	A	01.46	58.0		1.1			+	1.0	1.6	3.1	2.8
	H	01.46	57.8	0.9				2.5	1.7			
	Z	01.46	58.1	1.0				4.4	4.0			
26	A	02.58	58.6		1.5				0.3	0.2	8.2	1.9
	H	02.58	59.3	1.9				0.2	0.2			
	Z	02.58	58.1	1.4				1.9	1.4			
26	A	03.16	16.4		0.9				0.7	0.6	1.9	2.1
	H	03.16	16.3	0.7				0.6	1.2			
	Z	03.16	16.5	0.9				2.3	1.4			
26	A	03.19	04.4		0.9				0.6	0.6	1.7	1.9
	H	03.19	04.3	0.7			-	0.4	0.7			
	Z	03.19	04.4	0.9			-	2.1	1.3			
26	A	03.26	56.2		0.9				0.3	0.5	2.1	1.9
	H	03.26	56.1	0.8				1.0	0.6			
	Z	03.26	56.2	0.8				1.7	1.2			
26	A	05.38	43.2		1.0				0.8	2.8	3.7	2.7
	H	05.38	42.5	0.7			+	1.8	2.4			
	Z	05.38	43.4	1.3				0.8	0.5			

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

137

Nov. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
26	A	07.22	04.1		1.5				0.5	0.6		
	H	07.22	04.8		2.0				0.8	0.5	7.5	2.6
	Z	07.22	03.7		1.3				3.6	6.2		
26	A	08.12	14.3		1.1				0.6	0.6		
	H	08.12	14.4		1.1				1.0	1.5	4.8	2.4
	Z	08.12	14.9		1.7				0.6	0.6		
26	A	09.54	17.7		1.0				2.8	2.5		
	H	09.54	17.2				-		2.4	2.4	2.7	
	Z	09.54	17.8		1.0		-		5.0	5.2		
26	A	11.52	36.9		0.9				1.0	1.4		
	H	11.52	37.7		1.5				0.4	0.9	4.1	2.5
	Z	11.52	36.8		0.7				2.3	3.0		
26	A	17.34	10.4		1.0				0.6	0.6		
	H	17.34	09.9		0.7			-	1.2	1.2	2.6	2.1
	Z	17.34	10.4		1.0				1.6	1.1		
26	A	19.20	33.9		1.0				1.3	2.2		
	H	19.20	34.7		1.7				0.5	0.4	4.7	2.5
	Z	19.20	33.5		0.9				3.6	4.2		
26	A	21.18	47.2		0.9				0.6	0.5		
	H	21.18	47.0						0.4	0.2	1.6	
	Z	21.18	47.4		0.8				0.5	0.7		
26	A	22.43	05.8		1.0				0.8	1.8		
	H	22.43	05.5		0.8		+		1.2	1.8	4.0	2.6
	Z	22.43	06.3		1.5				1.1	1.9		
26	A	23.15	48.1		1.4				1.3	2.9		
	H	23.15	47.3		0.8		+		1.9	2.1	3.4	2.9
	Z	23.15	48.1		1.3				1.9	1.9		
27	A	06.00	31.1		1.2				0.4	0.6		
	H	06.00	30.3		0.7				0.4	0.3	3.6	1.8
	Z	06.00	31.3		1.3				0.8	1.0		
27	A	09.37	53.6		1.1				0.6	0.7		
	H	09.37	54.0		1.7				0.3	0.2	4.3	2.1
	Z	09.37	53.0		0.7				3.7	5.1		
27	A	10.01	03.0		1.5				2.5	2.0		
	H	10.01	02.3		1.0		+		12.0	9.1	6.1	3.5
	Z	10.01	03.4		1.6		-		6.2	5.7		
27	A	20.42	10.8		0.6				0.6	1.1		
	H	20.42	12.0		1.3				0.3	0.2	3.5	1.9
	Z	20.42	11.1		1.0				0.7	0.7		
27	A	23.37	19.3		1.5		+		8.7	12.4		
	H	23.37	19.1		0.9		+		15.0	9.2	4.4	4.0
	Z	23.37	19.7		1.5		-		4.8	4.8		
28	A	02.55	53.0		1.0				4.0	3.8		
	H	02.55	52.9		0.9		-		12.1	11.3	3.0	3.4
	Z	02.55	53.1		0.9				19.4			
28	A	03.13	18.0		1.0				0.8	1.1		
	H	03.13	17.8		0.8		-		2.9	1.9	1.9	2.6
	Z	03.13	17.7		0.8				5.7	4.1		
28	A	03.20	46.0		0.7				1.6	1.3		
	H	03.20	47.1		1.3				0.6	0.4	3.6	2.3
	Z	03.20	46.0		0.6		+		10.0	6.4		
28	A	04.52	58.4		1.0				0.6	0.8		
	H	04.52	59.5		1.5				0.4	0.4	5.8	2.2
	Z	04.52	58.5		1.0				1.6	2.0		
28	A	12.56	16.8		0.9				0.7	0.6		
	H	12.56	16.7		0.7				1.6	1.3	1.9	2.2
	Z	12.56	16.6		0.9				2.5	1.4		
28	A	13.12	13.0		0.8				0.8	1.8		
	H	13.12	14.2		1.2				0.4	0.2	3.3	2.2
	Z	13.12	12.8		0.6				0.9	1.8		
28	A	21.24	55.1		0.9				0.3	0.8		
	H	21.24	54.6				-		2.0	2.7	2.2	
	Z	21.24	55.2		0.9				0.5	0.2		
28	A	22.42	31.8		1.1				0.3	0.4		
	H	22.42	31.1		0.5				0.4	0.8	1.4	1.7
	Z	22.42	32.0		1.1				0.4	0.3		
29	A	01.09	05.8		1.1				1.3	1.3		
	H	01.09	05.8		1.0		-		5.0	3.0	4.2	2.9
	Z	01.09	05.9		1.0		+		9.5	12.4		
29	A	03.43	00.2		1.0				1.4	1.3		
	H	03.43	00.4		0.7		-		4.4	4.7	2.2	2.7
	Z	03.43	00.4		1.0				5.3	6.1		
29	A	08.39	43.2		0.6				0.6	0.8		
	H	08.39	43.9		1.1				0.3	0.4	2.9	1.8
	Z	08.39	43.5		0.6		-		3.6	2.4		
29	A	12.56	23.9		1.1				1.3	4.3		
	H	12.56	23.3		0.6			+	6.6	7.2	3.5	3.2
	Z	12.56	24.3		1.3				1.4	1.2		
29	A	17.10	18.7		1.1			+	1.3	1.9		
	H	17.10	18.3		1.0		-		4.4	6.0	3.8	3.1
	Z	17.10	18.6		1.0				3.6	2.0		
29	A	21.21	47.6		1.0				7.3	4.2		
	H	21.21	47.7		0.9		-		6.0	7.3	3.1	3.5
	Z	21.21	47.8		0.9				15.7	13.0		
29	A	21.45	04.0		1.0			+	4.2	3.6		
	H	21.45	03.8		0.9		-		10.4	11.4	2.5	3.4
	Z	21.45	03.9		0.8				16.4	11.2		
29	A	22.39	34.4		1.1				0.6	0.6		
	H	22.39	35.0		1.7				0.7	0.6	5.3	2.3
	Z	22.39	33.9		0.9				4.9	8.2		
29	A	23.00	21.3		1.0				0.2	0.3		
	H	23.00	22.4		1.7				0.2	0.2	4.9	1.7
	Z	23.00	21.3		0.9				1.6	2.6		
30	A	01.16	18.2		1.1				0.6	1.6		
	H	01.16	17.6		0.7				2.6	2.8	3.8	2.7
	Z	01.16	18.7		1.3				0.6	0.4		
30	A	06.09	49.8		1.0				0.5	1.6		
	H	06.09	48.9		0.6		+		1.2	1.8	3.4	2.5
	Z	06.09	50.2		1.3				1.4	1.5		
30	A	06.19	46.1		1.0				0.5	1.4		
	H	06.19	46.3		1.0				0.8	0.8	3.6	2.4
	Z	06.19	46.0		0.9				1.8	4.2		
30	A	06.42	35.2		0.9				0.8	5.1		
	H	06.42	34.7		0.6		+		3.6	3.2	2.8	2.9
	Z	06.42	35.6		1.2				1.9	1.4		
30	A	07.14	33.6		0.9				9.7	12.8		
	H	07.14	32.9		0.7		+		9.8	11.2	3.6	3.6
	Z	07.14	33.8		1.2				3.8	4.0		
30	A	07.15	05.4		1.1				1.0	1.2		
	H	07.15	04.9		0.7				8.8	6.4	2.8	2.9
	Z	07.15	05.8		1.1				3.6	2.0		
30	A	09.53	48.2		1.3			-	2.2	2.8		
	H	09.53	47.0		0.8				19.5	12.7	5.1	3.6
	Z	09.53	48.6		1.5				0.9	1.4		
30	A	09.57	03.9		0.9				2.6	2.4		
	H	09.57	03.2		0.6		+		4.1	6.0	2.5	2.9
	Z	09.57	04.3		1.1				0.8	1.4		
30	A	13.05	56.2		1.1				1.0	0.5		
	H	13.05	56.0		1.0				2.0	1.8	2.4	2.6
	Z	13.05	56.0		0.8				4.9	3.0		
30	A	15.29	39.2		1.0			-	3.9	4.8		
	H	15.29	40.0		1.6		-		3.0	3.6	5.2	3.4
	Z	15.29	39.0		0.9		+		14.0	11.5		
30	A	15.26	14.8		1.0				0.7	0.7		
	H	15										

Dec. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
1966 December												
01	A	05.08	08.7		1.0				0.2	0.6		
	H	05.08	09.5		1.7				0.2	0.2	4.4	1.9
	Z	05.08	08.5		0.8				2.0	1.8		
01	A	05.27	12.8		1.0				0.6	0.7		
	H	05.27	12.6		0.9				0.8	0.6	3.6	2.1
	Z	05.27	12.6		1.0				3.5	1.9		
01	A	08.17	42.6		1.1				0.5	0.6		
	H	08.17	41.6		0.6				0.6	0.5	3.0	1.8
	Z	08.17	42.6		1.3				0.4	0.3		
01	A	09.52	14.8		0.7				1.1	2.1		
	H	09.52	15.5		1.3				0.6	0.4	3.2	2.4
	Z	09.52	14.5		0.6		+		4.5	7.6		
01	A	12.21	13.9		1.0				1.8	2.4		
	H	12.21	14.8		1.7		-		3.2	1.2	4.5	3.2
	Z	12.21	13.9		0.8		+		13.6			
01	A	16.55	07.5		0.9				0.6	0.5		
	H	16.55	07.5		1.4				0.2	0.2	3.8	1.8
	Z	16.55	06.8		0.7				1.7	3.8		
01	A	18.34	20.6		2.0				7.4	9.4		
	H	18.34	21.7		2.6				7.6	9.2	9.9	4.3
	Z	18.34	21.5		1.8				7.2			
01	A	19.08	01.4		0.5		-		8.0	8.2		
	H	19.08	02.1		1.1				4.0	4.7	2.9	3.2
	Z	19.08	01.7		0.9		+		18.4	8.2		
01	A	19.36	39.7		1.1				20.0	8.4		
	H	19.36	39.4		0.9				24.2	15.4	3.9	4.2
	Z	19.36	39.6		1.1		+		48.1			
01	A	19.37	04.8		1.0				1.1	1.4		
	H	19.37	04.4		0.9		-		3.2	2.2	3.0	2.7
	Z	19.37	04.6		0.9				7.6			
01	A	19.37	34.9		1.0				2.4	5.3		
	H	19.37	34.8		0.9		-		4.4	4.6	3.3	3.2
	Z	19.37	34.9		0.9		+		15.6			
01	A	19.39	58.7		1.0				0.7	0.3		
	H	19.39	58.3		0.8				0.7	0.8	2.1	
	Z	19.39	58.6						1.2			
01	A	20.09	13.8		1.8				3.6	2.6		
	H	20.09	14.6		2.5		-		4.6	5.8	8.2	3.8
	Z	20.09	13.5		1.6		-		12.0	12.3		
01	A	21.23	26.2		1.1				1.4	0.3		
	H	21.23	25.7		1.0				0.8	0.4	2.3	2.4
	Z	21.23	25.8		0.8				2.0	1.5		
01	A	21.58	48.6		1.0				2.8	3.7		
	H	21.58	48.6		0.9				4.6	3.2	1.3	3.1
	Z	21.58	48.3		0.8		+		8.2	6.7		
02	A	01.06	36.7		0.9				1.4	1.4		
	H	01.06	36.2		0.7				1.4	0.8	2.3	2.3
	Z	01.06	36.7		0.9		-		2.0	1.4		
02	A	01.07	04.3		0.9				11.0	9.2		
	H	01.07	04.0		0.8		-		8.0	4.6	3.6	3.5
	Z	01.07	04.4		1.0		-		9.5	8.6		
02	A	01.16	03.8		0.8				0.3	0.4		
	H	01.16	03.4		0.6				0.6	0.4	1.2	1.6
	Z	01.16	03.8		0.8				1.0			
02	A	02.38	09.0		0.8				2.5	1.8		
	H	02.38	08.8		0.7				2.0	2.4	1.7	2.6
	Z	02.38	08.8		0.8		-		3.6	3.5		
02	A	02.59	31.3		0.8				0.4	0.4		
	H	02.59	31.0		0.7				0.8	0.8	2.6	1.7
	Z	02.59	31.5		0.9				1.7	1.0		
02	A	03.26	41.2		1.7				0.4	0.4		
	H	03.26	42.0		2.3				0.2	0.3	8.1	2.3
	Z	03.26	40.8		1.5				1.1	1.8		
02	A	03.36	03.4		1.1				1.0	1.8		
	H	03.36	03.5		1.4				1.4	1.4	6.5	2.8
	Z	03.36	04.0		1.5				2.4	3.6		
02	A	07.30	12.2		0.8				0.4	1.0		
	H	07.30	11.8		0.5				1.1	1.6	2.1	2.1
	Z	07.30	12.4		1.1				0.4	0.7		
02	A	08.16	06.4		1.1				2.0	2.6		
	H	08.16	05.7		0.7				7.4	7.2	3.7	3.1
	Z	08.16	06.5		1.3		-		3.2	2.7		
02	A	09.22	15.5		1.7							
	H	09.22	16.2									
	Z	09.22	15.2		1.5							
02	A	12.00	09.4		0.9				0.3	0.5		
	H	12.00	08.7		0.6				1.0	0.7	0.9	1.8
	Z	12.00	09.4		0.9				0.7	0.6		
02	A	12.17	51.4		1.0				3.4	6.4		
	H	12.17	50.6		0.6				3.6	8.6	3.6	3.4
	Z	12.17	51.9		1.3		-		4.6	3.5		
02	A	12.29	49.2		1.2				0.6	0.7		
	H	12.29	49.4		1.4				1.3	1.5	7.1	2.6
	Z	12.29	49.8		1.5				0.8	1.2		
02	A	17.45	56.4		0.9				1.8	0.9		
	H	17.45	56.0		0.9		-		1.6	1.6	3.0	2.6
	Z	17.45	56.2		0.8		-		4.0	3.1		
02	A	17.51	24.2		0.8				0.3	0.6		
	H	17.51	24.1		0.8				1.0	0.8	2.2	2.0
	Z	17.51	24.0		0.8				2.4	1.0		
03	A	01.29	47.5		0.9				1.0	3.6		
	H	01.29	46.9		0.7		+		2.8	2.6	3.0	2.8
	Z	01.29	47.9		1.1				1.0	0.3		
03	A	02.00	49.4		1.0				0.6	0.8		
	H	02.00	49.8		1.5				0.3	0.2	3.4	2.1
	Z	02.00	48.8		0.6		-		3.4	4.0		
03	A	04.44	43.7		1.3				0.4	1.8		
	H	04.44	43.0		0.9				1.4	1.4	4.7	2.7
	Z	04.44	43.9		1.4				0.5	0.5		
03	A	05.55	52.1		0.7				1.1	2.4		
	H	05.55	52.3		0.9		-		1.0	1.4	3.5	2.5
	Z	05.55	52.7		1.2				0.7	0.8		
03	A	05.56	20.0		0.7				7.4	8.6		
	H	05.56	20.5		1.0		+		3.7	5.3	3.8	3.3
	Z	05.56	20.6		1.0				5.4	6.7		
03	A	05.58	56.0		0.6		-		1.6	2.4		
	H	05.58	56.6		1.0				0.8	0.7	3.2	2.3
	Z	05.58	57.1		1.1				0.6	1.1		
03	A	07.36	02.9		0.9				0.7	0.7		
	H	07.36	03.7		1.6				0.6	0.5	4.1	2.2
	Z	07.36	02.5		0.8		+		2.4	4.8		
03	A	07.48	17.9		1.0				0.4	1.0		
	H	07.48	17.5		0.7		-		1.9	2.4	1.3	2.5
	Z	07.48	17.4		0.9		-		1.5	1.4		
03	A	08.42	47.7		0.9				1.3	2.6		
	H	08.42	47.0		0.5		-		5.3	4.0	1.1	2.8
	Z	08.42	47.8		1.0		-		0.8	0.4		
03	A	12.34	15.0		0.8				2.9	2.8		
	H	12.34	15.3		1.0		+		1.0	1.3	4.1	2.6
	Z	12.34	15.6		1.2				1.6	2.0		
03	A	13.21	44.1		0.9				0.5	1.0		
	H	13.21	43.8		0.7		+		2.7	4.4	1.6	2.7
	Z	13.21	44.0		0.8		-		4.9	3.8		
03	A	15.31	39.5		1.1				1.6	1.4		
	H	15.31	39.4		1.0		-		2.1	2.3	3.7	2.7
	Z	15.31	39.2		0.9		+		8.2	7.7		
03	A	17.53	02.9		1.5				0.5	0.4		
	H	17.53	03.6		2.1				0.3	0.3	7.4	2.3
	Z	17.53	02.5		1.3		+		2.4	2.4		
03	A	18.23	08.6		0.8				0.2	0.8		
	H	18.23			1.2				0.5	0.3	4.4	2.0
	Z	18.23	08.6		0.9				0.6	0.7		
03	A	19.57	43.3		1.0				3.8	5.0		
	H	19.57	44.1		1.6		+		4.6	4.9	4.7	3.4
	Z	19.57	42.9		0.8		+		10.5	17.2		
03	A	22.51	20.6		1.1				0.6	0.3		
	H	22.										

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

139

Dec. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude	Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S					E	N	U		E-W	N-S					
04	A	12.36	13.5		0.9				0.4	0.4			06	A	16.07	37.5	1.2				0.3	0.4			
	H	12.36	15.0		1.4				0.3	0.4	4.2	1.9		H	16.07	38.0	2.0				0.3	0.2	4.9	2.1	
	Z	12.36	13.0		0.7					2.6				Z	16.07	37.0	1.0				2.6	4.3			
04	A	16.20	11.3		0.8				0.7	1.1			06	A	16.38	11.0	0.9				0.8	0.6			
	H	16.20	11.4		1.0		+		0.6	0.4	4.1	2.1		H	16.38	11.7	1.6				0.4	0.3	4.6	2.2	
	Z	16.20	12.1		1.1					0.6				Z	16.38	10.5	0.9				1.1	2.0			
04	A	19.24	35.1		1.3				0.3	1.2			06	A	17.24	21.7	0.8				0.4	0.9			
	H	19.24	34.6		0.8		+		1.6	1.7	3.9	2.6		H	17.24	21.2	0.5				0.7	0.8	1.8	1.8	
	Z	19.24	35.4		1.3					1.8				Z	17.24	21.9	1.0				0.8	0.6			
04	A	21.47	03.9		2.3				0.2	0.3			06	A	18.36	42.3	1.1				1.0	3.8			
	H	21.47	05.1		3.0				0.4	0.3	10.0	2.6		H	18.36	41.3	0.5				2.8	3.0	2.5	2.9	
	Z	21.47	03.8		2.0		-			3.1				Z	18.36	42.4	1.3				1.3	1.4			
04	A	23.06	18.9		1.2				1.0	1.7			06	A	19.17	40.0	1.1				0.8	0.5			
	H	23.06	18.5		1.0		-		2.6	2.4	2.1	2.9		H	19.17	40.5	1.8				0.6	0.6	5.4	2.4	
	Z	23.06	18.5		0.9					3.4				Z	19.17	39.4	1.0		+		2.0	4.3			
05	A	02.28	23.7		1.1				0.6	0.8			06	A	22.18	52.2	1.1				3.6	3.9			
	H	02.28	23.7		1.4				0.7	0.9	4.0	2.4		H	22.18	51.9	0.7				6.8	4.1	2.2	3.2	
	Z	02.28	23.2		0.7					8.3				Z	22.18	52.4	1.0				5.9	5.0			
05	A	03.19	19.6		0.4				1.3	1.7			06	A	22.18	56.3	1.1				1.4	1.9			
	H	03.19	20.1		0.9				0.4	0.2	1.6	1.8		H	22.18	56.6	0.8				4.0	3.0	1.2	2.9	
	Z	03.19	20.1		0.7					0.3				Z	22.18	56.7	0.9				2.6	2.4			
05	A	03.39	17.3		0.7				1.6	4.0			06	A	22.33	07.1	1.4				17.5	11.2			
	H	03.39	17.6		0.8		+		2.9	3.5	3.1	2.9		H	22.33	06.5	0.9				12.2	12.8	4.1	4.1	
	Z	03.39	18.0		1.1		-			2.6				Z	22.33	07.0	1.3				10.4	12.9			
05	A	04.25	00.9		0.9				35.6	19.2			06	A	22.33	10.4	1.3				34.0	15.0			
	H	04.25	01.8		1.4				11.2	12.9	4.1	4.3		H	22.33	09.8	1.1				17.0	21.2	5.1	4.5	
	Z	04.25	00.3		0.7		+			18.5				Z	22.33	10.4	1.2		-		19.8				
05	A	16.03	11.7		0.8				1.4	1.9			06	A	22.46	07.2	1.1				0.7	0.8			
	H	16.03	12.2		1.1				0.8	1.0	4.3	2.5		H	22.46	06.5	0.9				1.4	0.8	3.8	2.3	
	Z	16.03	12.1		1.2				2.9	0.8				Z	22.46	07.1	1.0				1.0	1.0			
05	A	16.18	40.6		1.1				1.2	0.6			07	A	02.50	04.4	0.8				0.8	0.8			
	H	16.18	40.5		1.1				2.3	1.8	3.2	2.7		H	02.50	03.9	0.7				2.4	2.4	2.2	2.3	
	Z	16.18	40.0		0.9		+		3.6	3.8				Z	02.50	04.1	0.9				2.0	1.6			
05	A	17.58	34.0		1.1				0.3	0.3			07	A	07.23	32.1	1.6				0.6	0.6			
	H	17.58	35.1		1.8				0.3	0.2	5.4	1.9		H	07.23	32.9	2.0				0.5	0.4	7.9	2.5	
	Z	17.58	33.3		1.0				0.7	1.3				Z	07.23	31.7	1.3								
05	A	22.12	25.2		1.2				2.6	2.3			07	A	09.27	40.5	0.8				1.8	2.4			
	H	22.12	24.9		1.0				4.8	4.0	4.0	3.1		H	09.27	41.2	1.5				1.1	1.8	3.7	2.8	
	Z	22.12	24.8		1.0				13.8	13.8				Z	09.27	40.3	0.8								
06	A	01.04	39.5		0.7				2.6	3.8			07	A	13.26	06.6	1.2				1.3	1.2			
	H	01.04	40.1		1.0				0.3	0.4	4.0	2.3		H	13.26	06.0	0.9				3.0	2.0	3.3	2.8	
	Z	01.04	40.0		1.1				0.4	0.7				Z	13.26	05.7	1.1				2.6	3.0			
06	A	02.46	42.1		0.9				0.5	0.6			07	A	14.22	50.6	1.1				0.4	2.4			
	H	02.46	42.7		1.5				0.3	0.4	4.1	2.0		H	14.22	50.1	0.5				0.9	1.0	2.9	2.3	
	Z	02.46	41.5		0.7				3.0	5.2				Z	14.22	50.7	1.3				0.4	0.8			
06	A	03.53	48.9		0.7				1.0	1.7			07	A	15.40	24.7	1.0				0.3	1.0			
	H	03.53	48.9		1.0				0.8	0.7	3.8	2.3		H	15.40	24.2	0.8		-		3.2	4.4	3.3	2.7	
	Z	03.53	49.0		1.2					0.8				Z	15.40	24.6	1.0				2.7	3.0			
06	A	06.12	12.9		1.5				0.5	0.4			07	A	18.36	07.8	1.2				0.9	0.6			
	H	06.12	12.2		1.0				1.0	0.6	5.2	2.3		H	18.36	08.6	2.0				0.6	0.8	5.0	2.6	
	Z	06.12	13.1		1.5				0.7	0.8				Z	18.36	06.7	1.0				1.3	1.2			
06	A	06.19	31.2		1.6				0.3	0.6			07	A	21.14	56.0	1.2				0.5	2.0			
	H	06.19	30.8		1.0				0.8	0.6	4.8	2.3		H	21.14	54.9	0.9		+		4.4	2.9	5.0	3.0	
	Z	06.19	31.5		1.5									Z	21.14	56.0	1.4				2.3	2.8			
06	A	06.57	47.0		1.3				1.2	1.6			07	A	22.26	31.9	0.9				0.5	0.6			
	H	06.57	46.1		0.9				2.8	5.4	3.9	3.0		H	22.26	31.6	0.8				0.6	1.2	3.9	2.1	
	Z	06.57	46.7		1.2				3.0	2.8				Z	22.26	32.6	1.1				1.0	0.7			
06	A	07.16	03.6		0.8				1.6	2.1			08	A	00.20	21.7	0.9				0.2	0.5			
	H	07.16	03.8		1.0				0.5	0.4	4.5	2.3		H	00.20	21.0	0.5				0.6	1.0	1.0	1.8	
	Z	07.16	04.0		1.2				0.8	1.5				Z	00.20	21.5	0.9				0.6	0.8			
06	A	11.46	49.8		1.1				1.2	5.0			08	A	08.37	24.5	1.2				0.7	1.0			
	H	11.46	49.1		0.6				3.0	3.3	3.0	3.0		H	08.37	25.2	1.3				1.0	0.8	4.2	2.5	
	Z	11.46	50.0		1.2				1.0	1.7				Z	08.37	24.3	0.8		+						
06	A	13.59	43.6		0.7				0.6	1.0															

Dec. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
Date	Station	h	m	s	S-P (sec)	E	N	U	E-W	N-S	Depth (km)	Magnitude
08	A	14.29	18.7		0.8				11.8	5.6	1.9	3.4
	H	14.29	18.2		0.6				7.1	6.7		
	Z	14.29	18.9		0.9		-		2.6	4.1		
08	A	15.42	44.4		0.6		-		0.6	1.0	3.1	1.9
	H	15.42	45.3		1.4			0.3	0.3			
	Z	15.42	44.6		0.8			0.2	0.4			
08	A	16.59	31.1		1.0				0.6	0.4	4.7	2.0
	H	16.59	31.8		1.4			0.2	0.3			
	Z	16.59	30.6		0.8		+	1.2	2.8			
08	A	19.53	27.9		0.9				0.2	0.4	1.8	1.5
	H	19.53	27.3		0.5			0.3	0.6			
	Z	19.53	28.3		1.0			0.3	0.5			
08	A	20.08	43.5		1.0			-	0.5	0.7	3.5	2.3
	H	20.08	43.2		1.1			0.6	1.3			
	Z	20.08	43.2		0.8			2.0	2.7			
08	A	20.11	39.0		0.7				1.4	2.4	3.7	2.0
	H	20.11	39.8		1.0			0.2	0.3			
	Z	20.11	40.1		1.1			0.5	0.4			
08	A	21.44	51.8		0.5				0.8	2.4	2.1	2.2
	H	21.44	52.4		1.3			0.4	0.4			
	Z	21.44	51.5		0.6			2.2	2.9			
08	A	22.10	41.9		1.0			-	0.6	0.6	3.3	2.2
	H	22.10	41.5		0.9			1.5	1.2			
	Z	22.10	41.7		1.0			4.2	4.4			
09	A	00.14	53.0		0.9			-	1.8	3.6	4.9	3.1
	H	00.14	52.8		1.2		+	2.4	3.4			
	Z	00.14	53.8		1.4			2.4	2.7			
09	A	00.16	42.0		0.9				0.2	0.5	4.4	1.5
	H	00.16	42.2		1.0			0.2	0.2			
	Z	00.16	43.3		1.4			0.3	0.3			
09	A	00.31	50.5		0.8				0.4	0.5	1.8	2.0
	H	00.31	50.1		0.8			1.2	0.8			
	Z	00.31	50.5		0.7		-	1.2	1.4			
09	A	00.42	48.2		1.1			-	0.4	0.4	3.6	2.1
	H	00.42	47.7		0.9			1.4	1.0			
	Z	00.42	48.1		1.0		-	3.0	3.0			
09	A	00.54	12.3		0.6				1.4	1.4	2.9	1.9
	H	00.54	12.5		0.8			0.5	0.2			
	Z	00.54	13.2		1.1			0.4	0.5			
09	A	01.36	00.0		1.1				1.2	1.0	4.0	2.6
	H	01.35	59.6		1.1			2.0	1.6			
	Z	01.35	59.7		0.9			2.6	3.2			
09	A	02.50	09.4		1.0				0.5	1.0	4.2	2.4
	H	02.50	10.4		1.6			0.6	0.4			
	Z	02.50	09.1		0.7		+	3.3	4.3			
09	A	05.13	19.3		1.0			-	4.6	5.1	3.0	3.5
	H	05.13	19.3		0.9			10.6	9.0			
	Z	05.13	19.4		0.9			27.3	27.0			
09	A	05.13	32.2		1.0			-	1.8	1.4	2.7	2.7
	H	05.13	32.1		0.9			2.0	2.0			
	Z	05.13	32.3					4.3	4.4			
09	A	05.37	21.4		1.0				2.1	1.8	2.9	2.7
	H	05.37	21.4		0.9			2.2	2.1			
	Z	05.37	21.2		0.8			5.2	3.0			
09	A	09.12	47.8		1.0			+	0.5	0.4	1.7	2.0
	H	09.12			0.9			0.8	0.8			
	Z	09.12	47.8		0.8			2.2	3.0			
09	A	10.52	23.9		1.0			-	2.4	1.6	2.8	2.7
	H	10.52	23.8		0.9			1.4	1.8			
	Z	10.52	24.2		0.8			5.3	3.6			
09	A	12.47	35.1		1.0				3.2	3.0	4.5	3.2
	H	12.47	34.9		1.0			6.6	4.7			
	Z	12.47	35.3		1.0		+	20.8	16.9			
09	A	15.09	29.7		0.8				2.1	2.8	2.6	2.6
	H	15.09	29.7		0.6		-	1.4	2.2			
	Z	15.09	30.5		0.8		-	3.0	2.5			
09	A	17.38	41.8		1.0				0.4	0.7	4.2	2.2
	H	17.38	42.9		1.8			0.3	0.4			
	Z	17.38	42.3		0.8			2.4	3.3			
09	A	21.13	12.7		0.9			-	1.0	1.3	2.8	2.8
	H	21.13	12.6		0.8			2.6	5.4			
	Z	21.13	13.1		0.9			4.8	3.8			
10	A	02.16	33.0		1.9				0.1	0.2	7.2	2.0
	H	02.16	32.1		1.3			0.4	0.5			
	Z	02.16	33.5		2.0			0.3	0.6			
10	A	07.56	19.2		0.9				1.8	2.6	2.2	2.7
	H	07.56	18.8		0.6				1.4	3.0		
	Z	07.56	19.5		1.0		-		5.0	4.9		
10	A	08.14	45.4		0.8				0.8	0.6	1.8	2.0
	H	08.14	45.4		0.7				0.8	0.8		
	Z	08.14	45.9		0.8		-	1.6	1.8			
10	A	10.15	17.9		0.6				0.3	1.0	3.7	2.1
	H	10.15	19.5		1.2				0.4	0.6		
	Z	10.15	18.3		0.9				0.6	1.2		
10	A	12.07	08.7		1.6			+	0.3	1.6	5.4	2.9
	H	12.07	08.0		1.0				2.0	2.4		
	Z	12.07	09.3		1.7				2.0	1.1		
10	A	13.42	46.6		1.1				0.6	3.0	2.9	2.6
	H	13.42	46.2		0.6				1.2	1.4		
	Z	13.42	47.2		1.2				2.4	2.4		
10	A	14.07	01.6		1.5				0.4	1.3	7.5	2.7
	H	14.07	02.2		2.1				0.4	0.6		
	Z	14.07	01.6		1.3				2.6	1.4		
10	A	00.16	27.3		1.8				0.6	2.2	5.1	3.3
	H	00.16	26.4		1.1				4.7	4.2		
	Z	00.16	27.5		1.8				0.9	1.0		
10	A	03.38	41.7		0.9				1.0	0.6	2.3	2.1
	H	03.38	42.4		0.8				0.7	2.5		
	Z	03.38	42.2		0.8				2.7	3.2		
10	A	04.41	08.2		1.0				1.0	0.4	2.8	2.3
	H	04.41	08.4		0.9				1.0	0.6		
	Z	04.41	08.3		0.9				3.0	1.6		
10	A	04.41	52.7		1.1				0.3	0.6	2.6	2.0
	H	04.41	52.6		0.7				0.9	0.8		
	Z	04.41	53.3		1.1				1.2	0.6		
10	A	06.41	39.9		0.9				0.2	0.2	3.1	1.6
	H	06.41	39.9		0.9				0.6	0.4		
	Z	06.41	40.7		1.5				0.2	0.1		
10	A	07.48	54.7		1.0				0.6	0.4	3.2	1.9
	H	07.48	54.7		0.9				0.5	0.4		
	Z	07.48	54.8		0.9				4.2	2.6		
10	A	11.28	04.5		0.8				1.0	3.0	2.1	2.6
	H	11.28			1.1				0.8	0.8		
	Z	11.28	04.1		0.5				12.8	7.1		
10	A	13.31	17.6		1.2				0.6	0.8	6.0	2.8
	H	13.31			1.1				4.2	4.2		
	Z	13.31	18.3		1.5		-		2.0	2.4		
10	A	13.37	12.7		1.1				0.6	0.4	5.8	2.4
	H	13.37			1.1				1.3	1.4		
	Z	13.37	13.6		1.5				0.7	1.2		
10	A	13.39	18.9		1.0			-	1.4	1.0	1.8	2.9
	H	13.39			0.9				4.8	5.8		
	Z	13.39	18.8		0.8				4.0	4.7		
10	A	17.21	26.9		1.2				0.3	1.0	3.6	2.5
	H	17.21			0.6				2.4	2.2		
	Z	17.21	28.0		1.4				0.4	0.2		
10	A	17.56	42.7		0.9				0.7	1.0	1.9	2.1
	H	17.56			0.6				1.0	0.8		
	Z	17.56	43.4		1.0		-		1.0	1.3		
10	A	19.26	00.5		1.5				1.2	1.1	2.7	2.7
	H	19.26			1.2				1.0	0.8		
	Z	19.26	00.6				-		2.0	0.5		
10	A	20.28	58.2		0.9				1.3	0.6	1.6	2.4
	H	20.28			0.8				1.2	0.6		
	Z	20.28	58.1		0.8				2.8	1.8		
10	A	20.29	29.1		0.7				0.8	1.4	3.7	2.2
	H	20.29			1.4				0.5	0.4		
	Z	20.29	29.0		0.8				1.0	1.1		
10	A	21.11	12.7		0.8				0.6	0.5	1.8	2.0
	H	21.11			0.7				1.3	1.4		
	Z	21.11	12.7		0.8				2.2	1.7		
10	A	23.25	37.9		1.4			-	0.8	1.2	7.9	2.6
	H	23.25			1.8				0.4	0.6		
	Z	23.25	37.5		1.3		+		5.4	7.1		
10	A	23.54	56.3		1.1				0.4	0.9	6.5	2.6
	H	23.54			1.5				1.4	2.0		
	Z	23.54	57.1		1.5				1.2	1.6		
10	A	05.13	52.4		1.2				27.8	23.0	3.3	4.4
	H	05.13			0.6							
	Z	05.13	52.9		1.3		+		10.0	10.0		

**Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966**

141

Dec. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
12	A	05.15	32.9		1.0			-	1.0	2.8		
	H	05.15			0.6			+	2.0	1.8		
	Z	05.15	33.4		1.3			-	2.2	1.0	3.5	2.7
12	A	05.44	57.1		1.1				2.4	5.8		
	H	05.44			0.5			+	8.0	6.0	2.2	3.2
	Z	05.44	57.7		1.2			-	2.8	2.0		
12	A	06.02	42.0		1.0				0.5	0.6		
	H	06.02			1.0				0.8	0.4	3.5	2.1
	Z	06.02	41.9		0.9				3.1	1.8		
12	A	18.44	00.9		0.7				1.0	1.9		
	H	18.44			1.3				0.4	0.4	3.4	2.2
	Z	18.44	00.9		0.7			+	2.8	3.5		
12	A	20.29	21.6		1.3				0.4	0.6		
	H	20.29			0.9				0.4	0.4	4.8	1.9
	Z	20.29	21.6		1.3				0.8	1.3		
12	A	22.10	41.0		1.0				0.4	0.4		
	H	22.10			0.7				0.8	0.6	1.8	
	Z	22.10	41.2						0.9	0.8		
12	A	22.49	40.7		1.4				0.8	1.0		
	H	22.49			1.9			+	1.4	1.7	7.8	2.9
	Z	22.49	40.5		1.3				2.8	2.4		
12	A	23.35	57.7		1.5				0.5	0.4		
	H	23.35			2.0				0.2	0.2	7.2	2.1
	Z	23.35	57.5		1.2				0.9	1.0		
13	A	00.27	40.8		1.6				0.6	0.4		
	H	00.27			2.0				0.2	0.1	8.6	2.2
	Z	00.27	40.8		1.4				2.6	1.8		
13	A	05.43	42.5		1.0				1.0	1.2		
	H	05.43			0.9			+	4.6	3.2	3.3	2.8
	Z	05.43	42.5		0.9			+	5.2	3.3		
13	A	06.40	43.7		0.9				0.2	0.3		
	H	06.40			0.9				0.9	0.6	2.7	1.8
	Z	06.40	43.8		0.8				0.8	0.6		
13	A	06.49	36.2		0.9				0.4	0.4		
	H	06.49			0.7				0.4	0.3	1.5	
	Z	06.49	36.4						0.4	0.4		
13	A	08.05	37.3		1.3				0.6	0.4		
	H	08.05			0.7				0.6	0.4	2.3	2.0
	Z	08.05	37.6		1.3				1.0	0.8		
13	A	08.24	46.0		1.6				0.9	0.8		
	H	08.24			1.9				1.0	1.0	7.8	2.8
	Z	08.24	45.8		1.3				2.3	1.8		
13	A	09.04	59.2		1.3				0.6	0.8		
	H	09.04			1.8				0.4	0.4	7.5	2.4
	Z	09.04	58.9		1.3				1.6	1.0		
13	A	11.48	17.5		1.5				0.4	0.5		
	H	11.48			1.7				0.3	0.2	7.4	2.2
	Z	11.48	17.0		1.3				2.4	3.0		
13	A	13.50	28.1		1.0				0.8	1.2		
	H	13.50			1.7			-	0.5	0.6	4.9	2.5
	Z	13.50	28.0		0.9				2.6	4.7		
13	A	18.30	19.7		1.0				1.0	2.0		
	H	18.30			1.7			-	2.0	2.4	4.4	3.0
	Z	18.30	19.4		0.8				8.2	12.1		
13	A	20.37	36.7		0.9				0.4	0.4		
	H	20.37			1.3				0.6	0.6	4.5	1.9
	Z	20.37	35.9		0.8				3.0	3.9		
13	A	22.32	27.9		1.3				0.6	1.0		
	H	22.32			0.9				1.2	1.4	3.8	2.5
	Z	22.32	28.0		1.3				0.8	0.9		
14	A	00.18	01.0		1.2				0.9	1.7		
	H	00.18			1.1				2.6	4.6	4.5	3.1
	Z	00.18	00.6		1.0			-	3.8	3.6		
14	A	04.09	19.5		0.7				0.4	0.7		
	H	04.09			0.7				0.7	1.2	2.2	2.0
	Z	04.09	19.4		0.9				0.8	1.0		
14	A	04.37	54.2		0.8				0.5	1.0		
	H	04.37			0.7				1.0	1.0	1.9	2.0
	Z	04.37	54.2		0.9				0.6	0.5		
14	A	04.42	37.2		0.9				2.1	2.0		
	H	04.42			0.7			-	3.6	2.3	2.0	2.7
	Z	04.42	37.6		0.9				2.7	2.8		
14	A	04.43	07.0		0.9				1.0	0.8		
	H	04.43			0.7			-	1.2	2.0	1.1	2.4
	Z	04.43	07.2		0.8				1.4	1.3		
14	A	04.43	10.2		0.8			+	0.7	1.1		
	H	04.43						-	0.8	2.1		2.3
	Z	04.43	10.5		0.8				1.4	1.4		
14	A	04.43	21.8		0.9				1.2	1.0		
	H	04.43						-	0.6	1.4		2.2
	Z	04.43	22.0						0.8	1.2		
14	A	06.51	26.3		0.9				1.2	1.2		
	H	06.51			0.7				1.0	1.4	1.1	2.3
	Z	06.51	25.8		0.8				1.8	1.1		
14	A	07.55	44.0		1.0				0.4	1.7		
	H	07.55			0.7				0.7	0.7	3.5	2.2
	Z	07.55	44.1		1.2				0.6	1.2		
14	A	11.00	09.8		1.2				1.3	3.8		
	H	11.00			0.7			+	11.0	7.0	4.2	3.4
	Z	11.00			1.5			-	2.6	2.1		
14	A	15.05	47.8		1.3				6.9	9.0		
	H	15.05			0.6			+	9.6	6.8	2.5	3.6
	Z	15.05	48.2		1.4				18.2	12.9		
14	A	22.02	58.1		1.2				0.8	0.6		
	H	22.02			0.6			+	1.1	1.0	2.6	2.2
	Z	22.02	58.5		1.3				0.7	0.5		
15	A	00.25	52.1		1.0				0.6	0.8		
	H	00.25			1.3				0.6	0.4	3.7	2.3
	Z	00.25	51.7		0.6				5.0	5.5		
15	A	03.58	28.1		1.0				1.1	2.6		
	H	03.58			0.7				1.6	1.2	3.7	2.6
	Z	03.58	28.7		1.3			-	1.2	1.2		
15	A	05.22	37.8						1.4	3.1		
	H	05.22			1.0				1.2	1.9		3.0
	Z	05.22	37.3		0.9				7.2	9.2		
15	A	05.53	21.0		1.0				0.3	1.7		
	H	05.53			0.6				2.0	1.8	3.5	2.6
	Z	05.53	21.6		1.3				0.4	0.4		
15	A	06.03	51.1		1.1				0.9	1.6		
	H	06.03			1.2				2.2	2.5	6.2	2.9
	Z	06.03	51.9		1.5				1.8	1.7		
15	A	08.08	39.2		1.0					1.0		
	H	08.08			0.6				1.1	0.8	3.5	2.2
	Z	08.08	39.9		1.3				0.4	0.3		
15	A	11.56	54.7		1.1				0.4	0.6		
	H	11.56			0.8						4.2	2.1
	Z	11.56	55.5		1.2				0.5	0.5		
15	A	16.34	17.7		0.7				0.6	0.5		
	H	16.34			0.7						2.6	1.7
	Z	16.34	18.5		1.2				0.4	0.6		
15	A	17.50	14.2		1.5				0.6	0.6		
	H	17.50			1.9						8.0	2.4
	Z	17.50	14.2		1.3				2.6	3.7		
15	A	17.54	25.0		1.4				6.2	4.8		
	H	17.54			1.1			+			5.5	3.6
	Z	17.54	25.4		1.3				6.5	6.2		
15	A	20.00	49.5									

Dec. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
16	A	21.53	17.6		1.2				1.3	0.6		
	H	21.53	16.5		0.6			-	8.6	5.7	3.7	2.9
	Z	21.53	18.2		1.5				0.6	0.5		
16	A	23.23	06.1		0.8				1.6	2.6		
	H	23.23	05.5		0.5			+	2.2	2.8	2.3	2.6
	Z	23.23	06.5		1.1				0.9	1.2		
17	A	00.56	47.4		0.9					0.4		
	H	00.56	47.0		0.9				1.4	1.5	4.2	2.1
	Z	00.56	47.4		1.0				1.6	1.6		
17	A	01.35	44.6		1.0				1.4	1.0		
	H	01.35	44.5		0.9				3.6	3.7	3.1	2.8
	Z	01.35	44.4		0.9				12.0	10.5		
17	A	02.55	43.8		1.0				4.2	3.4		
	H	02.55	43.4		0.9			-	9.6	11.2	3.3	3.5
	Z	02.55	43.7		0.9				6.4	7.0		
17	A	03.23	21.4		1.1				0.8	2.2		
	H	03.23	21.4		1.2				0.4	1.0	6.0	2.7
	Z	03.23	22.2		1.5			-	0.6	1.2		
17	A	03.51	15.0		1.1				0.6	1.0		
	H	03.51	14.6		0.8			+	2.0	3.6	4.6	2.7
	Z	03.51	15.7		1.4				1.0	0.5		
17	A	11.15	18.3		0.9				1.8	1.8		
	H	11.16	17.7		0.6				1.9	2.3	2.3	2.6
	Z	11.16	18.3		1.0				2.6	2.5		
17	A	19.32	32.8		0.4				0.3	1.5		
	H	19.32	33.2		1.0			+	0.8	0.6	2.3	1.7
	Z	19.32	32.9		0.7				0.9	1.1		
18	A	00.13	07.7		1.0				0.3	0.3		
	H	00.13	07.2		0.8				0.4	0.3	2.4	1.6
	Z	00.13	07.6		0.9				0.6	0.4		
18	A	02.46	11.3		1.3				1.4	2.2		
	H	02.46	10.1		0.7			+	4.0	3.8	3.8	3.0
	Z	02.46	11.7		1.4				2.0	2.2		
18	A	03.12	15.6		1.3				1.0	2.0		
	H	03.12	15.4		1.4			-	1.4	1.9	3.3	2.9
	Z	03.12	14.6		0.8			+	10.2	8.6		
18	A	06.17	22.8		1.1				0.8	0.9		
	H	06.17	22.4		0.9				2.6	2.0	3.7	2.6
	Z	06.17	23.1		1.1				1.1	0.9		
18	A	07.53	52.5						0.4	1.0		
	H	07.53	52.0		4.2				1.4	1.2	3.7	
	Z	07.53	52.6		4.7				0.4	0.6		
18	A	08.49	50.2		0.9				0.5	0.6		
	H	08.49			1.2				0.2	0.2	3.1	1.7
	Z	08.49	49.6		0.6			+	3.8	2.7		
18	A	11.32	18.6		0.9				2.1	2.0		
	H	11.32	18.0		0.7			+	4.2	3.2	0.9	2.8
	Z	11.32	18.7		0.8			-	7.2	6.0		
18	A	17.05	20.5						0.2	0.6		
	H	17.05	19.7						0.4	0.3	2.0	
	Z	17.05	20.6						0.4	0.3		
18	A	17.52	49.1		0.8				2.4	4.1		
	H	17.52	49.5		1.4			-	1.7	1.3	3.4	2.9
	Z	17.52	48.8		0.6				4.2	6.7		
18	A	17.56	06.9		0.8				7.8	6.6		
	H	17.56	07.3		1.3			-	3.5	3.4	4.0	3.3
	Z	17.56	06.0		0.7				11.2	12.3		
18	A	17.57	14.5		0.6				1.0	1.3		
	H	17.57	14.8		1.3				0.1	0.1	2.3	1.6
	Z	17.57	14.0		0.6				1.4	1.0		
18	A	19.06	11.8		0.9				0.3	0.2		
	H	19.06	11.2		0.8				0.6	0.4	1.0	1.7
	Z	19.06	11.6		0.7				1.2	0.4		
18	A	20.48	32.0		1.2				0.2	0.4		
	H	20.48	31.9						0.6	1.0	1.9	
	Z	20.48	32.3						0.3	0.2		
18	A	21.04	42.3		1.0				0.4	0.4		
	H	21.04	41.7						0.4	0.4	1.7	
	Z	21.04	42.2		0.8				1.2	0.9		
19	A	04.32	04.4		1.0				0.8	1.1		
	H	04.32	03.9						1.6	1.8	2.4	
	Z	04.32	04.4						2.0	1.2		
19	A	11.52	21.8		0.9				0.6	1.5		
	H	11.52	20.9		0.5				2.3	2.1	2.0	2.4
	Z	11.52	21.9		1.1				0.4	0.4		
19	A	17.52	48.5		1.1				0.4	0.8		
	H	17.52	47.6		0.7				1.3	1.4	2.8	2.2
	Z	17.52	48.4		1.1				0.8	0.8		
19	A	18.45	16.5		0.9				5.5	7.8		
	H	18.45	15.9		0.7			-	9.2	7.0	3.5	3.5
	Z	18.45	16.6		1.1				4.8	3.9		
19	A	23.08	52.9		1.3				0.6	1.0		
	H	23.08	53.5		1.8				0.6	0.7	7.1	2.6
	Z	23.08	52.7		1.2				2.6	4.0		
19	A	00.28	08.5		1.0				0.5	1.4		
	H	00.28	08.4		1.0				0.8	1.0	5.3	2.5
	Z	00.28			1.3				0.6	0.6		
20	A	07.34	47.6		1.1				1.8	1.2		
	H	07.34	47.1		1.0				3.4	3.1	4.3	2.9
	Z	07.34	47.4		1.1				5.9	7.0		
20	A	10.34	48.6		1.2				7.6	14.6		
	H	10.34	48.4		1.3			+	11.2	13.8	6.2	4.1
	Z	10.34	49.1		1.7				7.6	10.2		
20	A	13.59	22.2		1.0				0.9	1.0		
	H	13.59	21.2						1.6	1.1	2.3	
	Z	13.59	22.2		1.0				1.4	1.5		
20	A	15.12	29.5		0.8				1.3	2.1		
	H	15.12	29.8		1.3				2.0	1.8	2.3	2.8
	Z	15.12	28.5		0.4				24.1			
20	A	15.20	12.8						2.8	2.3		
	H	15.20	12.9		1.4			+	1.4	1.7	2.8	
	Z	15.20	12.0		0.8				15.1			
20	A	16.01	46.0		0.8				2.6	2.4		
	H	16.01	46.8		1.5				1.3	1.8	4.3	2.9
	Z	16.01	46.2		0.9				5.0	6.6		
20	A	16.07	23.6		0.7				0.4	0.7		
	H	16.07	23.6		0.9				0.6	1.0	3.5	2.0
	Z	16.07	24.2		1.2				0.7	0.6		
20	A	16.24	00.5		1.1				1.8	1.0		
	H	16.24	00.1		1.0			-	2.4	1.6	4.3	2.8
	Z	16.24	00.2		1.0			+	7.6	5.0		
20	A	17.29	12.6		1.0				4.6	3.9		
	H	17.29	12.4		1.0				8.9	7.0	4.4	3.4
	Z	17.29	12.5		1.0			-	26.0	15.1		
20	A	18.52	56.1		2.0				0.2	0.4		
	H	18.52	55.6		1.6				1.0	1.4	7.3	2.7
	Z	18.52	56.2		1.9				0.6	0.3		
20	A	21.45	56.0		1.0				1.0	2.0		
	H	21.45	55.6		0.8				3.0	3.1	2.8	
	Z	21.45	56.1						5.2	5.8		
21	A	01.39	44.0		1.0				1.0	0.7		
	H	01.39	43.6		0.8				1.6	1.3	2.4	2.4
	Z	01.39	44.1									

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

143

Dec. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude			Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude(mm)		Depth (km)	Magnitude	
		h	m	s		E	N	U	E-W	N-S							E	N	U		E-W	N-S						
22	A	12.33	03.5		0.7				2.6	3.0					24	A	10.46	32.9	1.4				1.0	1.0				
	H	12.33	03.7		1.0				0.9	1.2	4.1	2.6				H	10.46	33.5	2.1				0.4	0.5	7.3	2.6		
	Z	12.33	04.1		1.2				1.2	0.6						Z	10.46	32.6	1.3				3.1	2.7				
22	A	12.40	23.1		0.7				0.6	0.8					24	A	15.40	05.6	1.0				0.4	0.8				
	H	12.40	23.2		1.2				0.5	0.6	2.8	2.0				H	15.40	05.4	1.1				0.4	0.4	5.6	2.0		
	Z	12.40	22.4		0.6				4.8	10.2						Z	15.40	06.1	1.3				0.5	0.2				
22	A	12.52	39.4		1.3				2.0	2.0					24	A	17.57	56.5	1.1				1.0	1.0				
	H	12.52	40.1		2.0				2.7	3.0	5.9	3.2				H	17.57	57.6	1.8		+		0.6	1.0	4.9	2.6		
	Z	12.52	39.0		1.1				2.9	10.0						Z	17.57	56.9	0.9		-		5.4	7.7				
22	A	12.55	28.8		1.3				1.7	1.8					24	A	19.31	23.0	1.1				1.4	1.0				
	H	12.55	29.3		2.0				1.8	1.9	6.0	3.1				H	19.31	22.3	0.8				2.0	2.0	1.4	2.6		
	Z	12.55	28.4		1.1				5.3	15.6						Z	19.31	22.9	0.9				2.8	1.4				
22	A	14.43	28.0		0.9				1.4	2.6					24	A	19.36	54.0	1.1				0.4	0.5				
	H	14.43	27.7		0.8				1.6	1.4	3.9	2.6				H	19.36	53.2	0.8				0.8	0.9	3.5	2.0		
	Z	14.43	28.7		1.3				2.0	2.6						Z	19.36	53.6	1.0				1.5	1.1				
22	A	17.12	21.8		1.2				0.8	0.8					24	A	21.41	30.5	1.2				0.2	0.4				
	H	17.12	21.2		1.0			-	1.7	1.0	3.5	2.5				H	21.41	31.1	1.9				0.4	0.3	5.8	2.2		
	Z	17.12	21.6		1.0				3.3	3.4						Z	21.41	30.1	1.1				1.5	2.8				
22	A	20.44	09.8		1.1				0.5	0.4					25	A	02.03	28.6	1.2				0.7	0.6				
	H	20.44	09.5		1.0				1.0	0.8	4.8	2.1				H	02.03	29.0	1.9				0.4	0.4	5.6	2.3		
	Z	20.44	09.7		1.1				2.4	2.4						Z	02.03	28.3	1.0				1.3	1.9				
23	A	00.33	08.6		1.5				0.4	0.5					25	A	06.28	57.0	0.9				0.6	1.0				
	H	00.33	09.1		2.3				0.4	0.3	6.5	2.4				H	06.28	56.7	0.7				0.6	1.0	3.6	2.1		
	Z	00.33			1.3				1.6	1.3						Z	06.28	57.8	1.3				0.3	0.5				
23	A	02.48	01.4		1.0				0.8	0.6					25	A	08.32	57.7	1.4				1.4	1.2				
	H	02.48	01.3		0.9				1.1	1.2	1.6	2.3				H	08.32	58.3	1.9				1.5	1.2	7.2	2.9		
	Z	02.48	01.4		0.8				4.7	5.1						Z	08.32	57.6	1.2				2.4	4.3				
23	A	03.22	10.3		1.0				0.3	0.2					25	A	08.33	18.4	1.3				1.1	1.3				
	H	03.22	10.0		1.0				0.4	0.3	1.8	1.7				H	08.33	19.1	1.9				0.6	0.7	7.0	2.7		
	Z	03.22	10.1		0.7				1.2	1.0						Z	08.33	18.5	1.2				3.4	2.7				
23	A	04.04	30.7		1.2			-	3.2	2.9					25	A	09.21	10.2	1.0				0.8	1.4				
	H	04.04	30.4		1.8				4.0	5.6	6.1	3.5				H	09.21		1.8				1.3	1.1	5.1	2.7		
	Z	04.04	30.7		1.1				8.8	23.5						Z	09.21	10.8	1.3				0.8	0.7				
23	A	04.43	36.9		1.1				1.2	1.1					25	A	12.45	49.9	1.0		+		1.5	1.4				
	H	04.43	36.6		0.8				1.8	2.8	3.2	2.7				H	12.45		1.1		-		2.4	1.1	5.1	2.7		
	Z	04.43	37.0		1.0				4.3	2.4						Z	12.45	50.2	1.1				3.0	2.3				
23	A	05.20	46.6		1.0				0.4	0.3					25	A	15.06	16.6	0.6		+		0.7	1.2				
	H	05.20	45.8		0.9				1.2	0.6	3.7	2.1				H	15.06		0.7		+		1.3	2.0	1.5	2.2		
	Z	05.20	46.3		1.0				2.5	2.4						Z	15.06	17.4	1.2				1.0	0.7				
23	A	06.53	06.4		1.1				0.4	0.6					25	A	17.15	43.6	1.0				2.4	6.9				
	H	06.53	06.2		1.1				0.5	0.4	5.6	2.0				H	17.15	44.2	1.4				2.6	2.9	4.8	3.4		
	Z	06.53	07.1		1.5				0.6	0.7						Z	17.15	43.1	0.8		+		25.0	15.6				
23	A	15.50	52.9		1.7				0.4	0.8					25	A	17.17	17.8	1.0				2.0	2.7				
	H	15.50	54.0		2.0				0.4	0.4	7.7	2.5				H	17.17	18.2	1.5				2.7	3.0	4.8	3.1		
	Z	15.50	52.3		1.3				3.4	2.6						Z	17.17	17.6	0.8		-		5.3	8.0				
23	A	16.37	46.7		0.9				0.8	0.8					25	A	19.38	02.2	0.9				2.2	0.9				
	H	16.37	46.4		0.8			-	2.1	2.5						H	19.38	01.6	0.6				3.3	4.2	1.7	2.8		
	Z	16.37	46.7						5.8	4.6						Z	19.38	02.6	0.9		-		1.0	0.9				
23	A	17.15	07.8		0.9				0.8	0.4					25	A	24.24	09.6	0.9		-		1.0	1.4				
	H	17.15	07.5		0.8				1.8	1.7	1.1	2.3				H	20.24	10.3	1.4				1.7	2.2	4.7	2.8		
	Z	17.15	07.3		0.7				4.2	2.7						Z	20.24	09.3	0.8				4.5	7.4				
23	A	17.30	47.9		0.9				18.4	9.6					25	A	20.37	31.7	0.9				1.0	0.4				
	H	17.30	47.1		0.7				4.9	5.3	2.6	3.5				H	20.37	31.1			-		2.5	2.6				
	Z	17.30	47.8		1.0				15.4	13.2						Z	20.37						2.5	2.5				
23	A	23.24	49.8		1.0				3.6	4.8					25	A	20.45	32.1	1.0				0.5	0.7				
	H	23.24	48.9		0.5			+	8.0	6.8	2.3	3.2				H	20.45	32.3	0.6				0.4	0.4	3.0	1.8		
	Z	23.24	50.0		1.1				2.8	3.0						Z	20.45	33.0	1.5				0.8	0.7				
24	A	00.42	22.9		0.9				0.4	0.4					25	A	23.35	16.6	1.1		+		13.0	5.9				
	H	00.42	22.2		0.6				0.5	0.4						H	23.35	16.5	0.9		-		15.8	10.8	3.6	3.9		
	Z	00.42	23.1		1.0																							

Dec. 1966

Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
26	A	07.37	06.1		1.1				0.9	1.4	4.7	2.9
	H	07.37	06.9		0.9				1.4	1.6		
	Z	07.37	05.9		1.0				4.8	7.7		
26	A	07.37	18.6		0.9			+	0.9	0.6		
	H	07.37	19.4		1.9				1.4	1.7	2.7	2.7
	Z	07.37	18.5		0.9				2.0	6.4		
26	A	08.08	28.3		1.5				0.3	0.5		
	H	08.08	28.8		1.9				0.3	0.2	7.6	2.2
	Z	08.08	27.9		1.3				2.0	1.8		
26	A	08.25	05.3		1.5				0.4	0.6		
	H	08.25	05.9		1.9				0.5	0.4	7.6	2.4
	Z	08.25	04.9		1.3				1.4	1.7		
26	A	09.00	02.7		1.3				0.5	0.6		
	H	09.00	01.7		0.7				0.6	0.4	3.2	2.0
	Z	09.00	02.8		1.3				0.6	0.5		
26	A	10.58	07.4		1.2			-	0.7	0.5		
	H	10.58			0.9				1.0	0.8	3.6	2.3
	Z	10.58	07.1		1.1				1.9	4.3		
26	A	12.11			0.9			-	0.4	0.4		
	H	12.11	09.6		1.4				0.2	0.2	3.6	1.6
	Z	12.11	09.1		0.6			+	3.0	2.2		
26	A	12.44	19.2		1.5			+	0.3	0.8		
	H	12.44			1.3			+	0.9	0.8	7.1	2.5
	Z	12.44	19.3		1.6				1.8	1.2		
26	A	13.05	16.6		1.2			-	3.8	3.6		
	H	13.05	17.4		1.8			-	4.9	6.2	5.9	3.5
	Z	13.05	16.4		1.0			+	4.8	18.8		
26	A	13.37			1.0			-	0.3	1.2		
	H	13.37	27.6		0.8			-	0.6	0.5	4.4	2.1
	Z	13.37	28.8		1.4				1.0	1.0		
26	A	17.05	37.0		0.9			+	0.4	0.4		
	H	17.05	36.4		0.7			-	0.9	1.1	1.9	
	Z	17.05	37.0					-	3.2	2.9		
26	A	19.10	48.1		1.6			+	0.9	0.6		
	H	19.10			1.0			+	0.5	0.7	5.7	2.4
	Z	19.10	48.1		1.6				0.5	0.5		
26	A	21.04			0.8			+	0.4	0.6		
	H	21.04	40.5		1.2				0.3	0.2	2.7	1.8
	Z	21.04	40.0		0.5			+	3.6	4.1		
27	A	00.15	28.3		1.4			+	1.7	2.4		
	H	00.15	27.1		0.8			+	0.8	1.0	4.0	2.6
	Z	00.15	28.6		1.5			-	1.0	1.0		
27	A	01.35	34.3		0.9			-	0.2	0.6		
	H	01.35	33.1		0.5			+	0.6	0.7	1.9	1.7
	Z	01.35	34.6		1.1			+	0.4	0.2		
27	A	02.14	02.0		1.1				0.4	0.4		
	H	02.14	02.6		1.8			-	0.5	0.3	5.1	2.1
	Z	02.14	01.7		1.0			+	2.2	4.0		
27	A	06.02	53.7		0.8			-	1.8	2.8		
	H	06.02	52.9		0.5			-	3.2	2.7	1.7	2.7
	Z	06.02	54.0		1.0				0.9	0.9		
27	A	06.56	33.8		0.8			+	0.4	0.5		
	H	06.56	33.3		0.7			+	0.9	0.9	3.2	1.9
	Z	06.56	34.3		1.2				0.8	0.4		
27	A	13.13	29.5		0.9			+	1.2	1.5		
	H	13.13	29.1		0.9			-	11.2	7.1	1.4	3.1
	Z	13.13	29.4		0.7				11.2	10.0		
27	A	14.29	24.4		0.6			-	0.8	0.7		
	H	14.29	24.4		1.1			-	0.7	0.7	3.5	2.0
	Z	14.29			1.1				1.0	0.8		
27	A	17.12	45.4		0.8				0.4	0.4		
	H	17.12			0.9				0.3	0.2	3.4	1.5
	Z	17.12	45.6		0.9			+	0.7	1.4		
27	A	20.49	41.4		0.9				0.5	0.6		
	H	20.49	40.7		0.7			+	0.7	0.9	3.7	1.9
	Z	20.49	42.1		1.2				0.7	0.5		
27	A	23.06	41.8		1.1			+	1.1	2.2		
	H	23.06	40.8		0.7				5.2	4.3	3.8	2.9
	Z	23.06	42.1		1.3			-	1.9	1.0		
27	A	23.41	41.5		0.8			-	0.4	0.6		
	H	23.41			0.7			-	1.4	1.4	1.7	2.0
	Z	23.41	41.1		0.8			-	2.1	2.6		
27	A	23.56	38.2		1.1				0.2	0.4		
	H	23.56	37.3		0.6				0.2	0.2	3.1	1.3
	Z	23.56	38.4		1.3				0.6	0.4		
28	A	02.11	14.5		0.7							
	H	02.11	15.2		1.4							
	Z	02.11	14.4		0.8			-	4.5	3.6	3.8	3.3
28	A	02.57	44.4		1.0			-	3.8	5.9		
	H	02.57	45.2		1.7			-	0.7	0.7	5.2	2.6
	Z	02.57	44.6		1.0			+	1.1	1.5		
28	A	03.03	40.2		1.2				5.2	4.4		
	H	03.03	41.3		1.6				0.3	0.6		
	Z	03.03	40.0		1.1				0.6	0.5	6.3	2.3
28	A	09.15	21.4		0.7				3.6	6.4		
	H	09.15	22.4						0.4	0.5		
	Z	09.15	21.0		0.5			+	0.3	0.3		1.5
28	A	09.20	48.6		0.6				1.4	2.7		
	H	09.20	49.0		1.3				0.8	1.2		
	Z	09.20	48.2		0.5			+	0.2	0.2	2.4	1.8
28	A	13.07	41.8		1.0			+	1.3	2.8		
	H	13.07	41.0					+	3.7	5.2		
	Z	13.07	41.9		1.0			-	6.6	5.2		3.1
28	A	15.41	35.8		0.9				9.8	9.5		
	H	15.41	35.5		0.9				0.3	0.8		
	Z	15.41	36.3		1.2				0.3	0.3	4.5	1.8
29	A	07.02	55.6		0.9			-	0.3	0.4		
	H	07.02	55.0		0.7			+	0.6	1.5		
	Z	07.02	55.9		0.9				2.0	1.5	2.3	2.5
29	A	08.08	24.6		1.0				1.2	0.9		
	H	08.08	24.1		0.7			+	0.4	1.0		
	Z	08.08	24.7		0.9			-	1.3	0.8	1.5	2.3
29	A	13.54	33.0		1.1				1.3	1.1		
	H	13.54	33.1		1.0			-	0.7	1.5		
	Z	13.54	32.9		0.8			+	0.9	1.2	2.7	2.5
29	A	17.59	23.8		1.5				3.8	5.0		
	H	17.59	24.5		1.9			+	1.5	2.9		
	Z	17.59	23.7		1.3				1.4	1.8	7.6	3.2
29	A	23.39	13.8		1.1				5.2	4.4		
	H	23.39			1.0				0.4	0.3		
	Z	23.39	13.6		0.9			-	0.3	0.2	2.9	1.7
30	A	03.31	51.7		1.6				2.1	0.9		
	H	03.31	52.9		1.9				0.4	0.3		
	Z	03.31	51.4		1.3				0.3	0.2	7.5	2.1
30	A	11.17	19.9		1.1			-	1.8	1.7		
	H	11.17	20.2		1.2			+	1.7	1.4		
	Z	11.17	20.4		1.5			-	1.7	2.2	6.2	2.8
30	A	13.22	47.8		1.0			-	1.5	1.7		
	H	13.22	47.9		0.9			+	0.3	0.5		
	Z	13.22	48.7		1.4				0.3	0.4	4.6	1.7
30	A	13.47	13.0		1.0				0.6	0.4		
	H	13.47	12.4		0.6				0.4	1.4		
	Z	13.47	13.3		1.2				0.7	0.7	3.0	2.1
30	A	13.51	11.9		1.0				0.7	0.5		
	H	13.51	11.3		0.6				0.4	2.1		
	Z	13.51	12.4		1.2				1.4	2.0	3.0	2.6
30	A	13.53	44.5		0.6				0.6	0.5		
	H	13.53	45.3		1.2			+	0.5	0.8		
	Z	13.53	44.2		0.4				0.3	0.3	2.0	1.8
30	A	14.58	48.5						5.0	4.9		
	H	14.58	49.3		1.5				0.8	0.8		
	Z	14.58	48.0		0.6			-	0.3	0.3		1.8
30	A	16.57	09.8		1.3				4.2	3.2		
	H	16.57	10.3		1.8				0.3	0.4		
	Z	16.57	09.5		1.2			+	0.2	0.2	7.3	1.9
30	A	17.59	46.9		1.6			+	1.0	1.8		
	H	17.59	47.4		2.0			+	0.3	0.6		
	Z	17.59	46.7		1.4				0.4	0.3	8.1	2.4
30	A	18.22	25.2		1.1			+	1.2	2.9		
	H	18.22	24.5		0.8			-	3.2	3.2		

Observations by the Network of the Earthquake Research Institute during
the Period from Oct. 1965 to Dec. 1966

145

Dec. 1965

Dec. 19

THE PERIOD FROM 1900 TO DEC. 1900												
Date	Station	P-Time (J.S.T.)			S-P (sec)	Initial Motion (mm)			Half of Max. Amplitude (mm)		Depth (km)	Magnitude
		h	m	s		E	N	U	E-W	N-S		
31	A	10.11			0.8			-	0.1	0.5	4.1	1.7
	H	10.11	10.3		0.9				0.4	0.3		
	Z	10.11	10.0		1.1				0.6	0.3		
31	A	11.07	48.9		0.6			-	1.5	3.0	3.4	2.3
	H	11.07	49.5		0.9				0.7	0.7		
	Z	11.07	49.7		1.1				0.4	0.2		
31	A	11.20	54.1		1.0			-		0.4	2.2	1.9
	H	11.20	53.7		0.7				1.2	1.0		
	Z	11.20			1.0				1.0	0.8		
31	A	19.51	06.4		1.0			-	2.2	6.2	2.8	3.2
	H	19.51	06.1		0.5				6.3	7.2		
	Z	19.51	07.1		1.3				1.5	1.6		
31	A	19.51	21.8		1.0				0.6	1.5	2.6	2.4
	H	19.51	21.1		0.5				1.7	1.8		
	Z	19.51	21.9		1.2				0.7	0.6		
31	A	20.19	09.6		1.1				2.2	5.1	2.5	3.2
	H	20.19	09.0		0.5			+	7.2	8.8		
	Z	20.19	10.1		1.2			-	1.4	1.6		
31	A	20.23	08.7		1.1			-	2.0	3.8	2.5	3.0
	H	20.23	08.1		0.5				3.7	5.2		
	Z	20.23	09.1		1.3				2.8	2.0		
31	A	20.25	06.2		1.1				0.8	1.4	1.0	2.4
	H	20.25	05.7		0.4				2.3	1.8		
	Z	20.25	06.6		1.2				0.6	0.4		
31	A	20.40	40.9		1.1				1.9	3.5	2.2	3.0
	H	20.40	40.3		0.5			+	5.6	5.0		
	Z	20.40	41.5		1.2			-	1.0	1.7		
31	A	21.36	30.3		1.1				1.5		2.1	2.6
	H	21.36	29.7		0.5				3.6	2.8		
	Z	21.36	30.6		1.2				0.8	1.0		
31	A	21.40	06.0		1.2			-	3.8	8.7	3.7	3.6
	H	21.40	05.4		0.8			+	9.4	9.3		
	Z	21.40	06.4		1.2				2.6	2.5		
31	A	21.47	53.2		0.9					0.4	5.2	2.1
	H	21.47			1.3				0.9	1.0		
	Z	21.47	53.6		1.4				0.7	1.0		
31	A	23.50	56.9		1.3			+	2.4	4.0	2.8	3.2
	H	23.50	56.7		0.8				3.6	5.2		
	Z	23.50	57.1		1.2			-	9.4	7.7		