

**SEISMOLOGICAL BULLETIN**  
OF  
**THE NUMADU METEOROLOGICAL OBSERVATORY**  
OF  
**JAPAN**

Vol. V

**1935**

Published by

The Numadu Meteorological Observatory

NUMADU, JAPAN

**1936**

ERRATA

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# CONSTANTS

## THE NOMADU OBSERVATORY

Latitude and longitude of the observatory:-

$$\varphi = 35^{\circ} 06' \text{ N Lat.}$$

$$\lambda = 138^{\circ} 51' \text{ E from Greenwich.}$$

Time:- All determinations are reduced to Greenwich mean time.

Altitude:- 6.0 meters above mean sea level.

Foundation:- Alluvium, soft ground.

### CONTANTS OF THE SEISMOGRAPHS

Date	Apparatus	Component	V	T <sub>0</sub>	$\xi$	$\frac{\gamma}{T^2}$
Jan. 18 1935	Wiechert horizontal Seismograph 200kg.	N	78	3.7	4	0.03
		E	78	3.7	7	0.03
	Wiechert vertical Seismograph 80kg.	Z	52	3.6	8	0.03
June 21 1935	"	N	70	3.7	4	0.03
		E	70	3.5	7	0.03
July 31 1935	"	N	73	3.1	4	0.04
		E	79	3.7	7	0.03
Dec. 20 1935	"	N	73	3.0	4	0.04
		E	73	3.7	7	0.03
	C. M. O. Type seismograph. 2.3kg.	N	2	3.5	2	0.02
		E	2	3.5	2	0.02
		Z	3	4.3	2	0.02
	C. M. O. Type portable seismograph. 20kg.	N	40	5.9	3	0.03
		E	40	6.3	3	0.02
	Omori's horizontal seismograph. 16kg.	N	20	20.0	4	0.01
		E	20	10.0	3	0.02

# CONSTANTS

## THE ITÔ STATION

Latitude and longitude of the station:-

$$\varphi = 34^{\circ} 58' \text{ N Lat.}$$

$$\lambda = 136^{\circ} 06' \text{ E from Greenwich.}$$

Time:- All determinations are reduced to Greenwich.

Altitude:- 2.2 meters above mean sea level.

Foundation:- Alluvium, sand.

### Constants of the Seismograph.

Apparatus	Component	V	$T_0$	$\xi$	$\frac{\gamma}{T_0^2}$
C. M. O. Type Portable Seismograph 18kg.	N	40	6.0	2	0.03
	E	30	6.0	2	0.03

## THE GOTENBA STATION

Latitude and longitude of the station:-

$$\varphi = 35^{\circ} 19' \text{ N Lat.}$$

$$\lambda = 138^{\circ} 56' \text{ E from Greenwich.}$$

Time:- All determinations are reduced to Greenwich mean time.

Altitude:- About 450 meters above mean sea level.

### Constants of the Seismograph.

Apparatus	Component	V	$T_0$	$\frac{\gamma}{T_0^2}$
C. M. O. Type Portable Seismograph 15kg.	N	40	5.4	0.02
	E	40	5.6	0.02

## THE ÔMIYA STATION

Latitude and longitude of the station:-

$$\varphi = 35^{\circ} 13' \text{ N Lat.}$$

$$\lambda = 138^{\circ} 38' \text{ E from Greenwich.}$$

Time:- All determinations are reduced to Greenwich mean time.

Altitude:- About 125 meters above mean sea level.

### Constants of the Seismograph

Apparatus	Component	V	$T_0$	$\frac{\gamma}{T_0^2}$
Ômori's Portable Seismograph 20kg	N	50	2.3	0.04
	E	50	2.3	0.04

## SYMBOLS AND NOTATIONS



### 1. Scales of the intensity of earthquake.

0. No feeling. I. Slight. II. Moderate. III. Rather strong. IIII. Strong.  
V. Very strong VI. Disastrous.

### 2. Phases of the Seismogram.

- P. First preliminary tremor (longitudinal)  
S. Second preliminary tremor (transverse)  
PS. Waves changed from longitudinal to transverse oscillation, or vice versa, through reflection at the earth's surface.  
L. Long waves of the surface phase.  
M. Maximum amplitude in the surface waves.  
C. Tail or end portion.  
F. End of discernible movements.  
 $\bar{P}$ . Individual or upper first preliminary tremor.  
 $\bar{S}$ . Individual or upper second preliminary tremor.

### 3. Nature of the motion.

- i. Sudden beginning of motion.  
e. Gradual beginning of motion.  
T. Time of one complete oscillation.  
A. Amplitude of the earth motion in microns, + motion toward east, north, or zenith, - motion toward west, south, or nadir.  
AE. E—W component of A.  
AN. N—S component of A.  
Az. Vertical component of A.

Destructive Earthquake occurred in Siduoka on the 11th. July 1935.

On the evening of the 11th. July 1935 an earthquake occurred on the southeastern part of Siduoka. The shock was strongest in the region along the coast of the Takamatu ward and the Oya ward. Eight persons were killed instantly and about 300 inhabitants were seriously injured. More than 50 percent of houses in these wards were ruined, some stone buildings in Siduoka, Simidu and other towns were damaged. Tiles and plastered wall were shattered.

Traffic on the Tokaidô line was interrupted. Between Siduoka and Simidu stations, as the railway bridge on the R. Tomoe sunk. Some of embankments in the port of Simidu slipped down.

This earthquake was felt in the vast area of Kantô Tyubu and Kinki districts.

The position of epicenter was  $138^{\circ} 26'$  E and  $34^{\circ} 57'$  N.

The Number of Earthquakes Classified by the Intensity

Station	Intensity	Month												Sum.	
		Jan.	Feb.	Mar.	Apr.	May.	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
Numadu	unfelt	17	8	14	17	16	16	31	86	91	39	14	15	364	
	felt	I	3	1	1	0	0	3	1	0	3	0	2	0	14
		II	1	0	0	1	0	1	0	1	0	0	1	0	5
		III	0	1	0	0	0	0	0	0	0	0	0	0	1
	sum.	0	0	0	0	0	0	1	0	0	0	0	0	1	
	Total sum.	21	10	15	18	16	20	33	87	94	39	17	15	385	
Itô	unfelt	24	9	14	9	12	9	14	66	55	32	12	16	272	
	felt	I	0	2	2	1	0	4	1	0	1	0	0	0	11
		II	3	0	0	0	0	0	1	1	0	0	0	0	5
		III	0	1	0	0	0	0	1	0	0	0	1	0	3
	sum.	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Total sum.	27	12	16	10	12	13	17	67	56	32	13	16	291	
Gotenba	unfelt	5	5	5	8	5	5	16	21	29	45	12	21	177	
	felt	I	0	0	0	1	0	0	0	0	2	0	0	0	3
		II	2	1	0	0	0	3	0	1	3	0	0	0	10
		III	0	1	1	1	0	0	0	0	0	0	1	0	4
	sum.	0	0	0	0	0	0	1	0	0	0	0	0	1	
	Total sum.	7	7	6	10	5	8	17	22	34	45	13	21	195	
Omiya	unfelt	7	3	8	8	4	3	12	24	26	21	6	9	131	
	felt	I	0	2	1	0	0	3	1	1	0	0	1	0	9
		II	0	0	0	0	0	2	0	0	0	0	1	0	3
		III	0	1	0	1	0	0	0	0	0	0	0	0	2
	sum.	0	0	0	0	0	0	1	0	0	0	0	0	1	
	Total sum.	7	6	9	9	4	8	14	25	26	21	8	9	146	
The number of earthquakes registered at our Stations	felt	4	4	3	2	0	5	3	1	6	0	3	0	31	
	unfelt	25	10	16	18	23	18	36	108	101	65	20	29	469	
	Total sum.	29	14	19	20	23	23	39	109	107	65	23	29	500	

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre	
					G. M. T.			AE	AN	Az	Period		
					h	m	s	$\mu$	$\mu$	$\mu$	s		
1	Numadu	Jan. 1	I	ePN	13	05	51.8						N off Idu Ōsima Island.
				Pz	13	05	50.9						
				S	13	05	58.2						
				MN	13	06	22.0	- 133			1.8		
				ME	13	06	24.7		+ 100		1.8		
				Mz	13	06	6.3			- 50	0.9		
				C	13	07	52.9						
	F	13	12	50.0									
	Itô	" 1	II	iP	13	05	45.5						
				S	13	05	50.0						
				MN	13	05	50.8	+ 283			0.8		
				ME	13	05	51.0		- 360		0.8		
				F	13	07	59.3						
	C	13	16	10.0									
	Gotenba	" 1	0	iP	13	05	50.1						
				S	13	06	5.6						
				MN	13	06	17.6						
				ME	13	06	21.0						
				C	13	07	50.8						
	F	13	15	50.0									
	Ōmiya	" 1	0	P	13	05	56.3						
S				13	06	6.7							
MN				13	06	13.6	+ 25						
ME				13	06	15.9		+ 55					
C				13	07	28.7							
F	13	09	10.0										
2	Numadu	" 1	0	e	13	31	26.5						
				F	13	35	40.0						
Itô	" 1	0	e	13	31	25.8							
			F	13	33	50.0							
3	Numadu	" 2	0	e	4	16	23.0						
				F	4	49	50.0						
4	Numadu	" 3	II	eP	14	55	15.6	+ 4	+ 4	- 16		Mouth of the R. Edo.	
				S	14	55	29.1						
				MN	14	55	49.5	+ 118			1.8		
				ME	14	55	35.3		+ 144		1.2		
				Mz	14	55	43.9			- 90	0.6		
				C	14	57	15.5						
				F	15	04	40.0						
	Itô	" 3	II	P	14	55	14.2						
				S	14	55	25.2						
				MN	14	55	32.1	- 223			0.8		
				ME	14	55	37.2		- 188		0.9		
				F	15	00	10.0						
	Gotenba	" 3	II	iP	14	55	17.7						
				S	14	55	29.0						
				MN	14	55	30.7	- 237					
				ME	14	55	30.7		- 162				
				C	14	56	55.7						
	F	15	02	0.0									
	Ōmiya	" 3	0	P	14	55	17.7						
				S	14	55	33.0						
				MN	14	55	36.5	+ 95					
ME				14	55	36.5		+ 70					
C				14	56	41.1							
F	14	58	50.0										
5	Itô	" 3	0	eP	15	09	56.7					Mouth of the R. Edo.	
				S	15	10	12.5						
				F	15	12	20.0						
6	Numadu	" 3	0	e	21	56	56.2					Off the cape of Inubô.	
				F	22	01	10.0						
Itô	" 3	0	eP	21	56	45.2							



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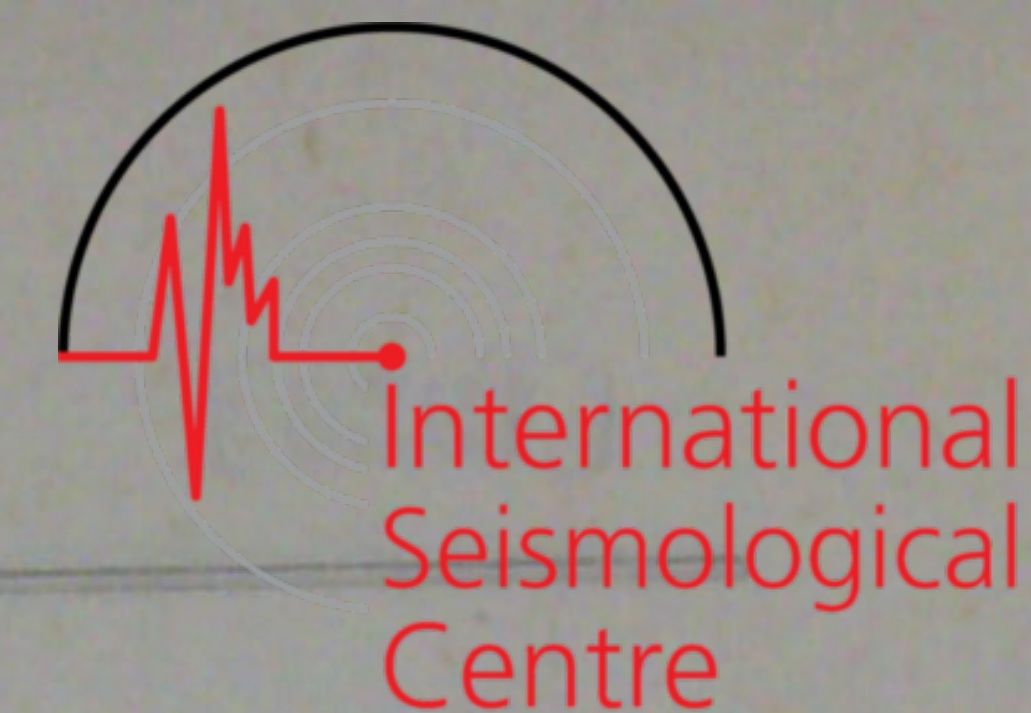
No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre
					G. M. T.			AE	AN	Az	Period	
					h	m	s	$\mu$	$\mu$	$\mu$	s	
7	Numadu	Jan. 5	0	F	22	00	10.0					N part of the Tokyo Bay.
				e		?						
				s	23	24	54.5					
	Itô	" 5	0	F	23	27	20.0					
P				23	24	48.5						
	F	23	26	30.0								
8	Numadu	" 8	0	e	18	34	44.7					S part of the Kasimanada.
				MN	18	36	14.0					
				F	18	41	20.0					
	Itô	" 8	0	eP	18	34	57.0					
F				18	39	0.0						
	Gotenba	" 8	0	e	18	35	0.4					
	F	18	40	10.0								
9	Itô	" 8	0	P	18	41	29.9					Ditto
				F	18	44	30.0					
10	Numadu	" 9	0	e	7	07	13.7					Idu
				F	7	10	20.0					
	Itô	" 9	0	e	7	07	27.9					
F				7	08	30.0						
11	Numadu	" 9	0	e	9	50	59.2					S part of the Kasimanada.
				F	9	56	50.0					
	Itô	" 9	0	eP	9	51	2.9					
F				9	55	50.0						
12	Itô	" 10	0	eP	13	14	53.4					Neighbourhood of Mitukaido in Ibaraki prefecture.
				F	13	16	10.0					
13	Numadu	" 13	0	e	7	01	28.9					Sagami Bay.
				F	7	03	0.0					
	Itô	" 13	0	P	7	01	18.2					
S				7	01	21.7						
F				7	02	50.0						
14	Numadu	" 15	0	P	0	21	57.5					Neighbourhood of Odawara in Kanagawa prefecture.
				iPz	0	21	58.1					
				S	0	22	12.2					
				F	0	24	50.0					
	Itô	" 15	0	P	0	21	56.3					
S				0	22	12.5						
F				0	24	50.0						
15	Numadu	" 17	0	P	11	17	56.5					The Sagaminada
				S	11	17	59.1					
				F	11	20	10.0					
	Itô	" 17	0	eP	11	17	49.0					
S				11	17	55.4						
F				11	20	10.0						
	Gotenba	" 17	0	e	11	17	59.7					
	F	11	19	40.0								
16	Itô	" 17	0	eP	17	22	20.9					Neighbourhood of Mt. Tukuha
				F	17	24	0.0					
17	Itô	" 18	0	P	17	17	46.3					S off Isigaki island.
				F	17	21	50.0					
18	Numadu	" 18	I	eP	22	43	50.0					Mouth of the R, Rokugô in Tokyô prefecture.
				S	22	43	57.7					
				MN	22	44	20.1	- 231			1.8	
				ME	22	44	32.8		+ 268		1.8	
				C	22	45	19.3					

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre	
					G. M. T.			AE	AN	Az	Period		
					h	m	s	$\mu$	$\mu$	$\mu$	s		
	Itô	Jan. 18	II	F	22	51	10						
				iP	22	43	46.4						
				S	22	43	56.9						
				MN	22	43	59.0	- 477					
				ME	22	44	1.3		- 385				
				C	22	46	35.4						
				F	22	49	50.0						
	Gotenba	" 18	II	iP	22	43	43.5						
				S	22	43	52.5						
				MN	22	43	58.9	+ 725					
				ME	22	43	58.9		+ 362				
				C	22	44	54.0						
				F	22	50	20.0						
	Ômiya	" 18	0	P	22	43	54.8						
				S	22	44	6.5						
				MN	22	44	47.5	+ 180					
				ME	22	44	43.4		+ 125				
				C	22	45	15.1						
				F	22	48	10.0						
19	Itô	" 19	0	P	7	58	13.5						
				F	8	01	40.0						Month of the R, Rokugô in Tokyô prefecture.
	Gotenba	" 19	0	e	7	58	31.3						
				F	8	00	40.0						
20	Numadu	" 19	0	e	11	16	25.7						SSE off the Cape of Erimo.
				S	11	17	48.6						
				F	11	22	10.0						
	Itô	" 19	0	eP	11	16	15.1						
				F	11	21	0.0						
	Gotenba	" 19	0	e	11	17	5.5						
				F	11	22	0.0						
21	Numadu	" 19	0	e	19	11	54.3						Neighbourhood of Kakioka.
				F	19	14	10.0						
	Itô	" 19	0	eP	19	11	22.5						
				S	19	11	55.8						
				F	19	13	20.0						
22	Numadu	" 20	0	e	16	56	4.6						Neighbourhood of Sizukawa Bay in Miyagi prefecture.
				F	17	00	10.0						
	Itô	" 20	0	e	16	55	50.1						
				F	16	59	30.0						
23	Numadu	" 21	0	e	20	14	30.5						Neighbourhood of Hamamatu.
				F	20	16	30.0						
	Itô	" 21	0	P	20	14	25.6						
				S	20	14	39.3						
				F	20	17	0.0						
	Ômiya	" 21	0	e	20	14	30.7						
				S	20	14	33.1						
				MN	20	14	34.3	+ 4					
				ME	20	14	34.3		+ 8				
				C	20	14	43.9						
				F	20	15	20.0						
24	Numadu	" 23	0	e	7	31	34.7						Distant earthquake
				F	7	59	30.0						
	Itô	" 23	0	P	7	31	43.2						
				F	7	58	20.0						
25	Numadu	" 24	0	e	23	05	9.7						Neighbourhood of Uenohara in Yamanasi prefecture.
				F	23	07	10.0						

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre
					G. M. T.			AE	AN	Az	Period	
					h	m	s	$\mu$	$\mu$	$\mu$	s	
	Itô	Jan. 27	0	iP F	23	05	11.8 0.0					
26	Itô	" 27	0	P F	15	51	7.5 50.0					Neighbourhood of Hutamata in Siduoka prefecture.
	Ômiya	" 27	0	P S MN ME C F	15	50 51 51 51 51 51	54.9 1.7 7.3 7.3 14.1 30.0	+ 2	+ 5			
27	Numadu	" 28	0	e S F	9	51	14.3 2.3 10.0					Hatidyô Island.
	Itô	" 28	0	eP F	9	51	16.3 50.0					
28	Numadu	" 30	I	P S MN ME C F	11	09 10 10 10 10 12	55.4 2.4 6.7 4.8 29.5 30.0	- 18	- 14		0.2 0.2	Neighbourhood of Hunatu in Yamanasi prefecture.
	Ômiya	" 30	0	P S MN ME C F	11	09 10 10 10 10 10	55.4 1.5 1.5 3.3 7.2 50.0	+ 43	+ 23			
29	Itô	" 31	0	e F	4	55	29.3 10.0					Neighbourhood of Mitukaido in Ibaraki prefecture.
	Ômiya	" 31	0	e	4	55	?					
30	Itô	Feb. 1	0	iP F	19	27	58.3 10.0					Neighbourhood of Soô in Taiwan.
31	Numadu	" 3	0	PN Pz iSN Sz ME MN C F	11	19	16.1 15.3 35.2 34.5 86.1 35.6 35.2 0.0	- 44	- 65		1.9 1.9	E off Miyake island.
	Itô	" 3	I	P S MN ME C F	11	19	11.5 26.8 27.3 27.6 24.4 40.0	+ 130	- 143		0.8 0.8	
	Gotenba	" 3	0	e F	11	19	21.6 50.0					
	Omiya	" 3	0	P S MN ME C F	11	19	19.2 40.7 41.8 43.0 23.8 0.0	+ 25	+ 35			
32	Ômiya	" 6	0	P S ME C F	4	00	49.4 57.6 1.1 3.5 30.0		+ 7			Mt. Asama.
33	Numadu	" 6	0	e	15	52	55.0					Neighbourhood of Iwai, Ibaraki prefecture.

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre
					G. M. T.			AE	AN	Az	Period	
					h	m	s	$\mu$	$\mu$	$\mu$	s	
	Itô	Feb. 6	0	F	15	55	40.0					
				P	15	52	54.8					
				S	15	53	9.9					
				F	15	55	0.0					
	Gotenba	" 6	0	e	15	53	3.3					
				F	15	55	20.0					
	Ômiya	" 6	0	P	15	52	49.6					
				S	15	53	4.3					
				MN	15	53	9.9	+ 5				
				ME	15	53	9.9		+ 10			
				C	15	53	28.0					
				F	15	54	20.0					
34	Numadu	" 9	0	e	19	23	53.3					Neighbourhood of Soô in Taiwan.
				F	19	29	40.0					
	Itô	" 9	0	e	19	23	53.5					
				F	19	29	0.0					
35	Numadu	" 10	0	e?	9	18	47.9					?
				F	9	26	40.0					
36	Numadu	" 10	0	eP	18	31	2.3					W off Titi island.
				S	18	32	12.3					
				ME	18	32	43.7		- 182		1.8	
				C	18	33	39.8					
				F	18	38	30.0					
	Itô	" 10	0	P	18	31	0.9					
				S	18	32	9.5					
				F	18	37	10.0					
	Gotenba	" 10	0	e	18	31	5.2					
				F	18	37	20.0					
37	Numadu	" 11	0	P	7	29	9.9					Mt. Hakone.
				S	7	29	14.8					
				F	7	30	30.0					
	Itô	" 11	0	P	7	29	0.7					
				S	7	29	14.7					
				F	7	30	30.0					
	Gotenba	" 11	0	e	7	29	12.2					
				F	7	30	50.0					
38	Numadu	" 11	0	e	17	20	40.7					Neighbourhood of Simoduma, Ibaraki prefecture.
				S	17	20	49.8					
				ME	17	20	51.5		- 25		1.8	
				C	17	22	16.9					
				F	17	24	0.0					
	Itô	" 11	0	P	17	20	16.5					
				S	17	20	29.5					
				F	17	22	20.0					
39	Numadu	" 18	II	iPN	14	56	14.9	+ 3	+ 4	+ 30		Mt. Asigara.
				iPz	14	56	15.1					
				S	14	56	20.3					
				ME	14	56	20.9		- 172		2.2	
				MN	14	56	44.1	- 86			1.5	
				Mz	14	56	31.1			+ 56	1.1	
				C	14	58	13.9					
				F	15	02	0.0					
	Itô	" 18	II	P	14	56	14.7					
				S	14	56	20.4					
				MN	14	56	20.5	- 427			0.5	
				ME	14	56	23.7		+ 375		0.8	
				C	14	57	13.2					
				F	15	00	3.0					

[1935]



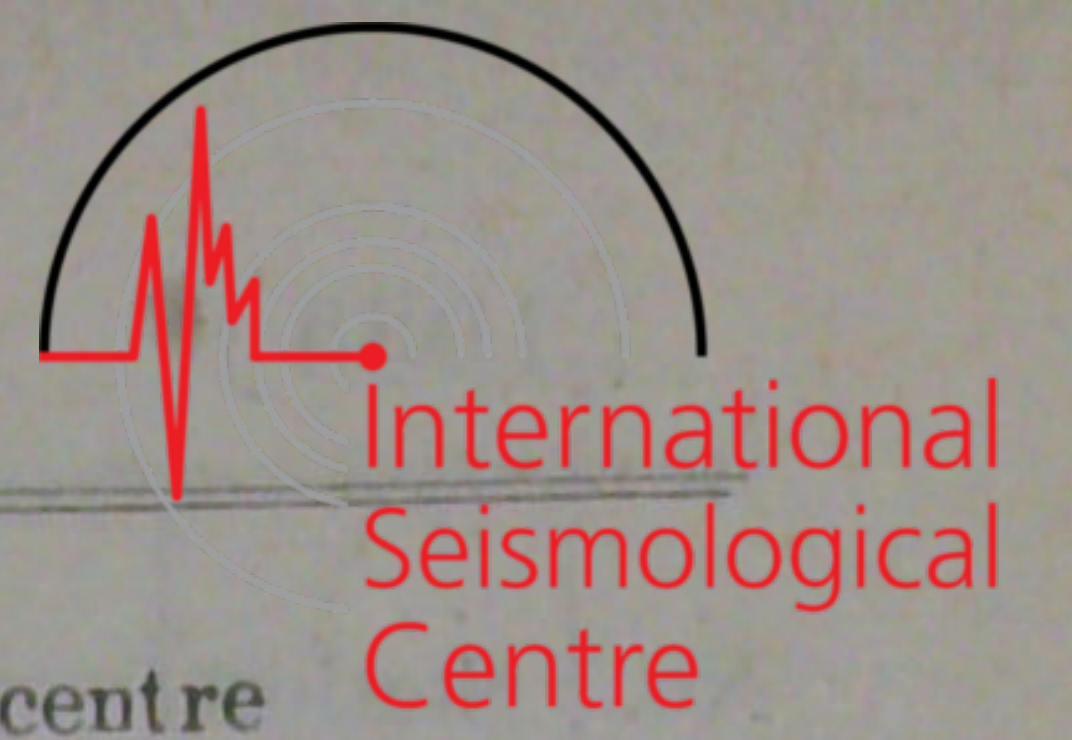
No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre	
					G. M. T.			AE	AN	Az	Period		
					m	h	s	μ	μ	μ	s		
40	Gotenba	Feb. 19	III	iP	14	56	14.4	- 700	+ 500				
				S	14	56	17.6						
				M <sub>N</sub>	14	56	17.6						
				M <sub>E</sub>	14	56	17.6						
				C	14	57	16.8						
				F	15	00	50.0						
	Ômiya	" 19	II	eP	14	56	16.2	+ 219			1.0		
				S	14	56	22.5						
				M <sub>E</sub>	14	56	22.9						
				F	14	59	0.0						
	Numadu	" 19	0	iPz	17	51	12.1	- 132	+ 100	+ 170		1.8	Middle valley of the R. Abe, Siduka prefecture.
				Sz	17	51	21.3						
				P <sub>N</sub>	17	51	11.3						
				M <sub>N</sub>	17	51	45.5						
				M <sub>E</sub>	17	51	39.1						
				Mz	17	51	41.4						
				C	17	53	49.0						
				F	17	57	0.0						
Itô	" 19	0	P	17	51	15.9							
			F	17	53	50.0							
Gotenba	" 19	0	e	17	51	13.7							
			F	17	55	10.0							
Ômiya	" 19	I	P	17	51	12.1		+ 205					
			S	17	51	17.8							
			M <sub>E</sub>	17	51	21.2							
			C	17	51	46.1							
			F	17	51	50.0							
41	Numadu	" 19	I	eP	20	10	52.8	+ 510	+ 900	- 390		2.6	N part of Kuzyukurihama, Tiba prefecture.
				S	20	11	4.3						
				M <sub>E</sub>	20	11	11.5						
				M <sub>N</sub>	20	11	42.4						
				Mz	20	11	44.1						
				C	20	11	55.9						
	F	21	06	0.0									
	Itô	" 19	I	iP	20	10	49.0	+ 483	+ 560			1.8	
				S	20	11	9.9						
				M <sub>N</sub>	20	11	10.7						
M <sub>E</sub>				20	11	14.5							
C				20	14	54.4							
F	20	26	30.0										
Gotenba	" 19	II	iP	20	10	5.7	-1700?	+1700?					
			S	20	11	18.8							
			M <sub>E</sub>	20	11	20.7							
			M <sub>N</sub>	20	11	49.9							
			C	20	14	4.8							
			F	20	24	10.0							
Ômiya	" 19	I	P	20	10	49.0?	+1115?	+ 690?					
			S	20	10	56.9							
			M <sub>N</sub>	20	12	1.6							
			M <sub>E</sub>	20	11	36.5							
			C	20	13	59.1							
			F	20	17	50.0							
42	Itô	" 20	0	P	7	04	13.9					Neighbourhood of Itô.	
				F	7	04	50.0						
43	Itô	" 22	0	eP	17	19	26.4					Distant earthquake. The Aleutian islands.	
				F	17	41	3.2						
44	Nnumadu	Mar. 1	0	eP	18	45	25.7					Neighbourhood of Mitukaidô, Ibaraki prefecture.	
				eS	18	45	41.9						
				C	18	46	48.4						
				F	18	49	30.0						
	Itô	" 1	0	P	18	45	24.0						
S				18	45	38.8							

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre		
					G. M. T.			AE	AN	Az	Period			
					h	m	s	μ	μ	μ	s			
	Ōmiya	Mar. 1	0	F	18	48	0.0							
				eP	18	45	11.7?							
				S	18	45	29.0							
				MN	18	45	29.0	+ 5						
				ME	18	45	38.2		+ 8					
				C	18	46	11.7							
				F	18	46	50.0							
45	Itô	" 3	0	P	10	34	4.9					N part of Kanagawa prefecture.		
				S	10	34	15.7							
				F	10	35	30.0							
46	Numadu	" 4	0	eP	4	05	30.4					Neighbourhood of Simoduma, Ibaraki prefecture.		
				eS	4	05	44.7							
				MN	4	06	28.8	+ 29		2.0				
				ME	4	06	14.8		- 29					
				C	4	08	1.0							
				F	4	10	10.0							
	Itô	" 4	0	P	4	05	25.8							
				S	4	05	42.8							
				F	4	08	30.0							
	Gotenba	" 4	0	e	4	05	27.8							
				F	4	08	20.0							
	Ōmiya	" 6	0	eP	4	05	26.8							
				S	4	05	45.7							
				MN	4	06	15.7	+ 15						
				ME	4	06	11.1		+ 15					
				C	4	06	28.4							
				F	4	08	20.0							
47	Numadu	" 6	0	e	15	31	14.8					N part of Idu peninsula.		
				F	15	34	20.0							
	Ōmiya	" 6	0	eP	15	31	12.5							
				S	15	31	17.7							
				ME	15	31	20.0		+ 10					
				C	15	31	30.0							
				F	15	32	0.0							
48	Numadu	" 6	I	ePE	8	53	35.3					Neighbourhood of Miura peninsula.		
				Pz	8	53	36.3							
				S	8	53	43.6							
				MN	8	53	51.0	- 36		1.5				
				ME	8	53	49.7		- 36	1.5				
				C	8	55	1.7							
				F	8	58	50.0							
	Itô	" 6	I	P	8	53	31.6							
				S	8	53	39.1							
				ME	8	53	40.1		- 563					
				MN	8	53	42.4	+ 267						
				F	8	56	50.0							
	Gotenba	" 6	0	e	8	53	56.1?							
				F	8	56	30.0							
	Ōmiya	" 6	0	eP	8	53	36.8							
				S	8	53	50.4							
				MN	8	53	52.7	+ 35						
				ME	8	53	52.7		+ 18					
				C	8	54	20.1							
				F	8	56	0.0							
49	Numadu	" 7	0	e	10	28	17.9					Off the coast of Ozika peninsula, Akita prefecture.		
				F	10	37	20.0							
	Itô	" 7	0	eP	10	28	13.9							
				F	10	36	10.0							
	Gotenba	" 7	0	e	10	28	29.6							

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre
					G. M. T.			AE	AN	Az	Period	
					h	m	s	$\mu$	$\mu$	$\mu$	s	
50	Numadu	Mar. 7	0	F	10	35	0.0					Valley of the R. Nakano, Hukusima prefecture.
				e F	17	28	18.5 0.0					
	Itô	" 7	0	eP F	17	28	12.1 0.0					Ditto
51	Numadu	" 7	0	eP	17	32	16.5					
				S	17	32	51.8					
				MN	17	33	11.8	+ 98			1.9	
				ME	17	33	18.7		+ 80		1.9	
				C F	17	35 41	6.0 30.0					
	Itô	" 7	0	P S F	17	32	16.8 49.1 20.0					
	Ômiya	" 7	0	eP S MN ME C F	17	32	15.8 45.2 24.7 53.1 45.2 20.0	+ 33		+ 45		
52	Numadu	Mar. 7	0	e F	17	45	26.9 10.0					?
53	Numadu	" 8	0	e	16	08	52.6					N part of the Kasimanada.
				S	16	09	13.8					
				MN	16	10	3.4	+ 58			1.8	
				ME	16	10	59.8		+ 58		1.8	
				C F	16	11 15	58.0 0.0					
	Itô	" 8	0	eP F	16	08	54.6 0.0					
	Gotenba	" 8	0	e F	16	09	6.5 30.0					
	Ômiya	" 8	0	eP S MN ME C F	16	08	56.0 40.2 55.5 2.2 19.2 20.0	+ 24		+ 30		
54	Numadu	" 14	0	e	14	16	21.6					Neighbourhood of Odawara.
				S F	14	16	35.5 0.0					
	Itô	" 14	0	P S F	14	16	6.5 22.7 0.0					
	Gotenba	" 14	0	e F	14	16	13.1 50.0					
	Ômiya	" 14	0	P S MN F	14	16	16.5 31.5 51.1 40.0	+ 5				
55	Itô	" 15	0	P F	3	28	53.2 30.0					Neighbourhood of Tikura, Tiba prefecture.
56	Itô	" 18	0	P	12	32	25.8					Valley of the R. Masuda, Gifu prefecture.
				S F	12	33	2.5 20.0					
	Ômiya	" 18	I	P MN ME	12	32	2.0? 4.4 4.4	+ 50		+ 25		

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No.	Station	Date	Intensity	Phase	Time of occurrence G. M. T.	Amplitude				Epicentre
						AE	AN	Az	Period	
				C	12 32 10.3	$\mu$	$\mu$	$\mu$	s	
				F	12 35 20.0					
57	Itô	Mar. 22	0	eP	6 42 20.3					Hukusima ?
				F	6 44 10.0					
58	Numadu	" 26	0	e	9 03 10.3					Neighbourhood of Hunahasi.
				F	9 05 50.0					Tida prefecture.
	Itô	" 26	0	P	9 03 11.4					
				S	9 03 15.5					
				F	9 04 40.0					N part of Japan sea.
59	Numadu	" 28	0	e	23 49 35.4					
				S	23 51 24.1					
				MN	23 51 29.9	+ 29			1.8	
				ME	23 51 32.7		- 26		1.8	
				C	23 53 30.4					
				F	23 56 0.0					
	Itô	" 28	0	P	23 50 11.5					
				S	23 52 1.0					
				F	23 55 0.0					
60	Numadu	" 30	0	eP	21 19 28.7					NE off the cape of Sioya.
				S	21 20 12.6					
				MN	21 20 51.6	+1340			2.6	
				ME	21 20 59.8		-1000		2.6	
				Mz	21 20 53.9			- 193	2.3	
				C	21 27 44.1					
				F	21 43 20.0					
	Itô	" 30	I	P	21 20 33.4					
				S	21 21 7.9					
				F	21 41 20.0					
	Gotenba	" 30	III	iP	21 20 35.0					
				S	21 21 15.0					
				ME	21 21 21.7		-1125			
				MN	21 21 41.0	+1290				
				C	21 26 28.3					
				F	21 39 28.3					
	Ômiya	" 30	0	PE	21 20 35.2					
				S	21 21 14.0					
				ME	21 21 53.5		+ 470			
				C	21 25 12.3					
				F	21 31 20.0					
61	Numadu	" 30	0	e	23 28 35.3					Ditto
				F	23 31 40.0					
	Itô	" 30	0	eP	23 28 18.4					
				F	23 31 20.0					
62	Numadu	" 31	0	e	12 15 8.2					Off the cape of Sioya.
				F	12 18 10.0					
63	Numadu	Apr. 4	0	e	13 22 37.3					NE off the cape of Sioya.
				S	13 23 21.9					
				MN	13 23 56.5	- 64			2.0	
				ME	13 24 2.0		+ 82		2.0	
				Mz	13 23 41.4			+ 35	1.0	
				C	13 26 8.6					
				F	13 30 20.0					
	Itô	" 4	0	P	13 22 38.1					
				S	13 23 12.1					
				F	13 29 20.0					
	Gotenba	" 4	0	e	13 22 34.3					
				F	13 28 10.0					
	Ômiya	" 4	0	P	13 22 41.9					
				S	13 23 27.7					
				MN	13 23 46.5	+ 63				



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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre
					G. M. T.			AE	AN	Az	Period	
					h	m	s	$\mu$	$\mu$	$\mu$	s	
				ME	12	23	46.5		+ 28			
				C	12	24	10.0					
				F	12	26	10.0					
64	Numadu	Apr. 4	0	e	17	48	11.8					Off the cape of Sioya.
				F	17	51	10.0					
65	Numadu	" 9	0	e	0	22	24.0					Mouth of the R. Edo.
				F	0	26	0.0					
	Itô	" 9	0	eP	0	22	22.0					
				S	0	22	34.6					
				F	0	24	30.0					
66	Numadu	" 9	II	iP	8	19	2.4	+ 3	+ 36	+ 31		Middle valley of the R. Tenryu, Siduoka prefecture.
				S	8	19	15.6					
				MN	8	19	43.0	+ 186			1.8	
				ME	8	19	47.1		- 221		1.7	
				Mz	8	19	39.9			- 281	1.7	
				C	8	22	56.1					
				F	8	23	0.0					
	Itô	" 9	I	P	8	19	4.6					
				S	8	19	17.9					
				MN	8	19	18.6	+ 317				
				ME	8	19	31.8		+ 548			
				C	8	22	26.8					
				F	8	27	30.0					
	Gotenba	" 9	III	iP	8	19	3.8					
				S	8	19	16.8					
				MN	8	20	0.7	+ 950			3.1	
				ME	8	19	48.0		+ 550		3.1	
				C	8	21	43.7					
				F	8	27	50.0					
	Ômiya	" 9	III	P	8	18	58.9					
				S	8	19	12.1					
				MN	8	19	19.2	+ 1780				
				C	8	21	29.5					
				F	8	25	40.0					
67	Numadu	" 11	0	ePe	15	25	40.8					Neighbourhood of Hirakata, Ibaraki prefecture.
				Pz	15	25	39.5					
				P <sub>E</sub> ?	15	26	1.3					
				P <sub>Z</sub> ?	15	25	47.5					
				S ?	15	26	20.7					
				MN	15	26	52.3	- 144			2.0	
				ME	15	26	50.5		- 112		1.8	
				Mz	15	26	47.8			+ 74	1.2	
				C	15	29	53.2					
				F	15	34	20.0					
	Itô	" 11	0	eP	15	25	36.5					
				eS	15	26	2.1					
				M	15	26	3.0	- 117	- 125		0.8	
				F	15	34	0.0					
	Gotenba	" 11	0	iP	15	25	43.1					
				S	15	26	8.5					
				MN	15	26	13.4	+ 325				
				ME	15	26	18.2		- 350			
				C	15	28	23.1					
				F	15	34	20.0					
	Ômiya	" 11	0	Pe	15	25	43.0					
				S	15	26	14.7					
				MN	15	26	39.6	+ 168				
				ME	15	26	40.7		+ 110			
				C	15	27	7.9					
				F	15	31	0.0					
68	Numadu	" 14	0	e	7	41	7.4					Off the cape of Sioya.
				F	7	44	20.0					

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre
					G. M. T.			AE	AN	AZ	Period	
					h	m	s	$\mu$	$\mu$	$\mu$	s	
69	Numadu	Apr. 14	0	e F	8	41	55.3					Off the coast of kuzyukuri-hama Tiba prefecture.
70	Numadu	〃 14	0	e S F	9	50	30.4					Off the cape of Inubô.
	Itô	〃 14	0	eP eS F	6	50	23.7					
					9	50	36.4					
					9	53	30.0					
71	Numadu	〃 15	0	eP iS MN ME C F	11	15	48.7	+ 11	- 8			NW part of Hida, Gihu prefecture.
					11	16	23.6					
					11	16	29.4	- 217			2.0	
					11	16	24.7		- 330		1.9	
					11	19	44.9					
					11	25	±					
	Itô	〃 15	0	P S MN ME F	11	15	53.7	+ 7	+ 8			
					11	16	26.9					
					11	16	28.0	+ 367			1.3	
					11	16	29.0		+ 40		1.3	
					11	22	0.0					
	Gotenba	〃 15	0	iP S MN ME C F	11	15	48.0					
					11	16	19.8					
					11	16	22.9	+ 475				
					11	16	22.9		+ 600			
					11	18	43.0					
					11	22	20.0					
	Ômiya	〃 15	0	P S MN ME C F	11	15	47.7					
					11	16	21.7					
					11	16	52.3	+ 100				
					11	16	47.7		+ 55			
					11	18	0.0					
					11	22	10.0					
72	Numadu	〃 16	0	e S F	22	44	23.8					Neighbourhood of the Hananuki Pass, Mie prefecture.
					22	44	58.3					
					22	50	0.0					
73	Nuamdu	〃 16	0	e F	23	00	56.3					The Kasimanada.
					23	05	40.0					
74	Numadu	〃 17	0	e S F	4	47	29.1					Neighbourhood of Nagoya.
					4	47	48.0					
					4	51	40.0					
	Itô	〃 17	0	P S F	4	47	30.0					
					4	47	50.5					
					4	50	0.0					
	Gotenba	〃 17	0	e F	4	47	34.1					
					4	49	20.0					
	Ômiya	〃 17	0	PE S MN ME C F	4	47	17.7					
					4	47	34.9					
					4	47	36.2	+ 15				
					4	47	36.2		+ 15			
					4	47	54.7					
					4	49	0.0					
75	Numadu	〃 17	0	e F	9	56	16.1					Off the cape of Inubô.
					10	00	50.0					
76	Itô	〃 18	0	P S F	16	31	11.0					Neighbourhood of Iwai, Ibaraki prefecture.
					16	31	22.6					
					16	34	0.0					
	Gotenba	〃 18	0	e F	16	31	5.5					
					16	34	40.0					
77	Numadu	〃 20	0	eP P	22	06	21.9					Destructive earthquake in Sintikusyu, Taiwan.
					22	07	3.4					

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre
					G. M. T.			AE	AN	Az	Period	
					h	m	s	$\mu$	$\mu$	$\mu$	s	
				S	22	10	0.3					
				MN	22	14	29.2	+ 265			17.2	
				ME	22	16	27.8		- 701		11.2	
				F	23	10	10.0					
	Itô	Apr. 20	0	eP	22	06	21.9					
	Gotenba	" 20	0	e	22	06	27.5					
				F	22	26	50.0					
78	Numadu	" 21	0	iPN	3	23	39.7	+ 4	-	-	8	S foot of Mt. Haruna.
				iPz	3	23	40.9					
				S	3	24	1.5					
				MN	3	24	2.8	+ 145			1.3	
				ME	3	24	1.6		+ 140		1.3	
				C	3	26	48.4					
				F	3	30	40.0					
	Gotenba	" 21	I	eP	3	23	43.7					
				S	3	24	0.7					
				MN	3	24	2.0	+ 150				
				ME	3	24	5.3		- 100			
				C	3	25	21.6					
				F	3	29	20.0					
	Ômiya	" 21	0	P <sub>N</sub>	3	23	38.5					
				S	3	24	0.0					
				MN	3	24	7.4	+ 103				
				ME	3	24	2.3		+ 103			
				C	3	24	43.6					
				F	3	27	40.0					
79	Ômiya	" 21	0	P	8	54	15.4					Neighbourhood of Ômiya.
				S	8	54	16.1					
				MN	8	54	16.1	+ 13				
				ME	8	54	16.1		+ 8			
				C	8	54	22.4					
				F	8	54	40.0					
80	Numadu	" 21	0	e	13	43	1.8					Neighbourhood of the cape of Inubo.
				F	13	46	50.0					
81	Numadu	" 25	0	e	19	55	46.0					S off Idu Ôsima island.
				S	19	55	58.4					
				MN	19	56	6.5	- 58			1.7	
				ME	19	56	11.5		- 48		1.7	
				C	19	58	1.2					
				F	19	02	30.0					
	Gotenba	" 25	0	e	19	55	48.3					
				F	20	01	0.0					
	Ômiya	" 25	0	P <sub>N</sub>	19	55	48.5					
				S	19	56	8.8					
				MN	19	56	15.6	+ 33				
				ME	19	56	5.3		+ 73			
				C	19	56	30.3					
				F	19	59	0.0					
82	Numadu	" 27	0	eP	2	28	16.0					Neighbourhood of Hannô, Saitama prefecture.
				S	2	28	26.6					
				ME	2	28	48.4	- 33			1.8	
				C	2	29	28.5					
				F	2	33	10.0					
	Itô	" 27	0	P	2	27	17.2					
				S	2	27	30.1					
				F	2	29	40.0					
	Gotenba	" 27	0	e	2	27	16.0					
				F	2	30	30.0					
	Ômiya	" 27	0	P	2	27	18.1					
				S	2	27	29.4					
				MN	2	27	30.5	+ 70				

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre
					G. M. T.			AN	AE	Az	Period	
					h	m	s	$\mu$	$\mu$	$\mu$	$\epsilon$	
				ME	2	27	31.6		+ 47			
				C	2	27	49.7					
				F	2	29	40.0					
83	Itô	May 1	0	P	19	55	49.2	+ 2	+ 10		0.8	?
				S	19	56	0.1					
				MN	19	56	3.0	- 50			0.8	
				ME	19	56	12.0		+ 140		0.8	
				F	20	02	20.0					
84	Itô	" 2	0	P	5	36	50.5					Neighbourhood of Itô.
				F	5	37	40.0					
85	Itô	" 5	0	P	12	53	24.4					?
				S	12	53	28.6					
				F	12	54	50.0					
86	Numadu	" 7	0	e	6	35	55.3					Off Hatidyô island.
				F	6	39	20.0					
87	Numadu	" 7	0	eP	18	07	4.0					Neighbourhood of Numadu,
				S	18	07	5.3					
				F	18	07	50.0					
88	Numadu	" 9	0	e	1	25	24.3					Neighbourhood of Simonida, Gunma prefecture.
				S	1	25	42.3					
				F	1	29	20.0					
	Itô	" 9	0	e	1	25	31.3					
				S	1	25	49.4					
				F	1	29	20.0					
89	Numadu	" 9	0	e	9	17	58.6					WN W off Wazima, Isikawa prefecture.
				F	9	22	0.0					
90	Itô	" 10	0	P	16	13	34.6					Neighbourhood of Tiba.
				S	16	13	43.8					
				F	16	15	50.0					
	Gotenba	" 10	0	e	16	13	30.2					
				F	16	18	0.0					
	Ômiya	" 10	0	P	16	13	54.6?					
				S	16	13	55.7					
				MN	16	14	54.6	+ 40				
				ME	16	14	13.2		+ 28			
				C	16	15	28.6					
				F	16	16	50.0					
91	Numadu	" 11	0	eP	14	34	35.2					Neighbourhood of the boundary between Yamanashi and Kaneagawa.
				S	14	34	49.5					
				MN	14	35	28.6	- 22			1.9	
				ME	14	35	25.7		- 23		1.9	
				C	14	36	49.7					
				F	14	39	20.0					
	Itô	" 11	0	P	14	34	43.3?					
				S	14	35	0.2					
				F	14	38	40.0					
	Gotenba	" 11	0	e	14	34	36.7					
				P	14	38	19.9					
	Ômiya	" 11	0	PN	14	34	33.1					
				S	14	34	54.6					
				MN	14	35	1.4	+ 13				
				ME	14	35	48.0?		+ 22			
				C	14	35	5.9					
				F	14	35	50.0					
92	Numadu	" 21	0	e	6	59	5.1					Distant earthquake. New Guinea island.
				F	7	04	50.0					
93	Numadu	" 22	0	e	20	38	18.5					Mt. Hakone.
				S	20	38	20.3					

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre
					G. M. T.			AN	AE	Az	Period	
					h	m	s	μ	μ	μ	s	
94	Numadu	May. 23	0	F	20	39	0.0	± 43	- 43		1.8 1.7	ESE off Kinkasan island.
				e	20	11	3.1					
				S	20	11	52.4					
				MN	20	12	42.5					
				ME	20	12	21.5					
				C	20	14	21.0					
F	20	18	20.0									
Itô	" 23	0	P	20	10	2.1						
			S	20	11	5.1						
			F	20	15	30.0						
Gotenba	" 23	0	e	20	11	3.8						
			F	20	18	0.0						
95	Numadu	" 23	0	e	11	39	15.8					N part of Kudyukurihama, Tiba prefecture.
				S	11	39	39.3					
				C	11	41	35.2					
				F	11	43	50.0					
Itô	" 23	0	e	11	39	15.3						
			S	11	39	36.5						
			F	11	41	40.0						
Ômiya	" 23	0	e	11	39	24.5	+ 5	+ 10				
			S	11	39	42.2						
			MN	11	40	33.3						
			ME	11	40	33.3						
			C	11	40	35.3						
F	11	42	14.5									
96	Numadu	" 24	0	e	5	42	40.8					E off Mindanao island.
				S	5	51	45.9					
				F	7	00	40.0					
97	Itô	" 24	0	e	11	15	56.6					?
				S	11	16	21.8					
				F	11	17	40.0					
98	Numadu	" 25	0	e	0	13	46.6					Off Mindanao island.
F			?									
99	Numadu	" 25	0	e	10	04	21.6					Off Kudyukurihama, Tiba prefecture.
F				19	07	30.0						
100	Numadu	" 25	0	e	20	38	13.3					Off the bay of Sidukawa, Miyagi prefecture.
F				20	43	0.0						
101	Numadu	" 26	0	e	22	09	45.5					Philippine islands.
F				22	30	30.0						
102	Numadu	" 27	0	e	5	50	43.4					NE off the Cape of Sioya.
F				5	52	40.0						
103	Numadu	" 30	0	eP	21	43	11.2	+ 2600	+ 1300		17.6 15.7	Beluchistan.
				S	21	51	16.4					
				L	22	06	48.7					
				MN	22	08	45.0					
				ME	22	10	20.2					
				F	22	43	40.0					
Itô	" 30	0	e	21	43	8.0						
			L	22	06	49.8						
			F	22	33	10.0						
Gotenba	" 30	0	e	21	43	6.7						
			F	21	44	5.4						
104	Numadu	" 31	0	eP	8	20	5.5		+ 134		3.6	Middle part of Japan sea.
				S	8	21	17.7					
				ME	8	21	31.3					
				C	8	24	36.2					
				F	8	36	40.0					

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre	
					G. M. T.			AN	AE	Az	Period		
					h	m	s						$\mu$
	Itô	May 31	0	iP iS MN C F	8 8 8 8 8	20 21 21 24 33	9.7 19.9 25.0 20.0 0.0	+ 100				4.0	
	Gotenba	" 31	0	iP iS ME MN C F	8 8 8 8 8 8	20 21 21 21 23 31	6.7 16.3 18.0 21.3 37.2 0.0	+ 875	+ 425				
	Ômiya	" 31	0	PE S MN ME C F	8 8 8 8 8 8	20 21 21 21 22 26	6.2 13.3 16.9 16.9 2.4 0.0	+ 27	+ 45				
105	Itô	" 31	0	P S F	23 23 23	04 04 06	25.3 42.4 20.0						S off Katuura, Tiba prefecture.
106	Numadu	June 3	0	e S MN ME C F	2 2 2 2 2 2	35 36 36 36 38 40	58.9 9.9 34.2 41.2 4.3 40.0	$\pm$ 16	$\pm$ 35			1.8 1.8	Neighbourhood of Moriya, Ibaraki prefecture.
	Itô	" 3	0	eP S F	2 2 2	36 36 37	3.0 10.6 50.0						
107	Numadu	" 4	0	e MN F	20 20 20	34 34 38	1.4 39.9 40.0						Neighbourhood of Iwai, Ibaraki prefecture.
	Itô	" 4	0	P S F	20 20 20	34 34 36	10.2 16.1 10.0						
	Ômiya	" 4	0	PN S MN ME C F	20 20 20 20 20 20	33 34 34 34 34 36	58.5 15.1 17.3 31.2 31.5 50.0	+ 18	+ 10				
108	Itô	" 5	0	eP F	0 0	43 45	33.6 0.0						Mt. Tukuba.
109	Numadu	" 6	0	e F	12 13	59 04	40.1 0.0						SSW off Hatidyô island.
110	Numadu	" 8	0	ePN iPz S MN ME C F	4 4 4 4 4 4 4	57 57 57 58 57 59 04	33.1 32.8 47.1 23.1 55.7 28.8 30.0	+ 71	+ 141	- 3		1.1 1.1	SW foot of Mt. Tukuba.
	Itô	" 8	I	P S MN ME F	4 4 4 4 5	57 57 57 57 01	31.7 47.7 48.0 50.0 20.0	+ 160	+ 100			0.8 0.8	
	Gotenba	" 8	0		Time is unaccurate.								
	Ômiya	" 8	0	PN	4	57	34.9						

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre										
					g. m. t.			AN	AE	Az	Period											
					h	m	s	$\mu$	$\mu$	$\mu$	s											
111	Numadu	June 10	0	S	4	57	58.7	+ 45	+ 63				NNW off Hatidyô island.									
				MN	4	58	3.1															
				ME	4	58	4.3															
				C	4	58	16.9															
				F	5	02	40.0															
				ePE	6	52	32.5															
				ePz	6	52	31.5							+ 3								
				SE	6	53	1.3															
				Sz	6	53	2.9															
				MN	6	53	18.3							- 120	2.2							
	ME	6	53	36.0	- 184	1.8																
	C	6	55	4.2																		
	F	7	04	0.0																		
	Itô	〃	10	0	P	6	52	28.1														
S					6	52	52.5															
F	〃	10	0		7	02	0.0															
Gotenba	〃	10	0	Time is unaccurate.																		
112	Numadu	〃	I	PN	2	43	58.8	+ 73	+ 55	+ 14			Upper valley of the R. Dôsi, Yamanasi prefecture.									
				Pz	2	43	57.3															
				iSN	2	44	4.9															
				iSz	2	44	3.5															
				MN	2	44	29.4							- 68								
				ME	2	44	23.8							- 58								
				C	2	45	22.8															
				F	2	49	40.0															
				Itô	〃	12	0							P	2	43	51.0					
														S	2	43	58.0					
	F	〃	12	0		2	45	20.0														
	Gotenba	〃	12	0	Time is unaccurate.																	
Ômiya	〃	12	I	PN	2	43	58.9	+ 77	+ 52													
				S	2	44	5.4															
				MN	2	44	5.4															
				ME	2	44	5.4															
				C	2	44	45.8															
				F	2	46	40.0															
113	Numadu	〃	II	PN	21	09	50.6	+ 225	+ 270	- 91			S off Katuura, Tiba prefecture.									
				ePz	21	09	49.4															
				Sz	21	10	8.0															
				MN	21	10	20.2															
				ME	21	10	23.1															
				Mz	21	10	8.0															
				C	21	14	36.2															
				F	21	23	0.0															
				Itô	〃	14	I							P	21	10	0.1	+ 20	+ 27		1.2	
														S	21	10	14.4		+ 517		1.2	
	MN	21	10					14.7	+ 470		1.2											
	ME	21	10					16.0			1.2											
	C	〃	14	II	F	21	10	57.0														
						21	21	10.0														
iP					21	09	51.7															
S					21	10	7.9															
MN					21	10	14.4	- 635														
ME					21	10	20.9		- 435													
Ômiya	〃	14	II	C	21	12	48.0															
				F	21	23	0.0															
				PN	21	09	56.5															
				S	21	10	14.1															
				MN	21	10	16.5		+ 285													
				ME	21	10	45.9	+ 255														
C	21	10	32.1																			
F	21	15	10.0																			

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre	
					G. M. T.			AN	AE	Az	Period		
					h	m	s	$\mu$	$\mu$	$\mu$	s		
114	Numadu	June 16	0	e F	6	26	29.8					Distant earthquake.	
					6	29	50.0						
115	Numadu	" 16	0	e F	8	12	55.0					?	
					8	16	20.0						
116	Numadu	" 19	0	e F	18	14	51.1					E off the cape of Sioya.	
					18	17	50.0						
117	Nuamdu	" 20	0	e F	4	43	38.2					Neighbourhood of Misima.	
					4	48	0.0						
118	Numadu	" 20	I	ePN Pz Sz MN ME Mz C F	19	30	2.3					Neighbourhood of Mt. Tukuba.	
					19	30	1.8			+ 6			
					19	30	20.6						
					19	31	5.1	+ 168				1.5	
					19	30	42.5		+ 149			1.9	
					19	30	32.8			- 50		1.1	
					19	32	39.0						
					19	37	30.0						
	Itô	" 20	0	P S F	19	30	2.3?						
					19	30	19.0						
					19	34	40.0						
	Gotenba	" 20	II	eP S MN ME C F	19	30	7.7						
					19	30	26.0						
					19	30	29.6	- 315					
					19	30	35.5		- 210				
					19	31	38.5						
					19	37	20.0						
	Ômiya	" 20	I	PN S MN ME C F	19	30	6.8						
					19	30	23.3						
					19	30	50.1	+ 130					
					19	30	38.3		+ 95				
					19	31	43.6						
					19	33	20.0						
119	Numadu	" 21	0	e S F	3	16	18.9					SW foot of Mt. Tukuba.	
					3	16	33.0						
					3	19	50.0						
120	Itô	" 23	0	P F	18	59	26.3					Neighbourhood of Itô.	
					19	02	10.0						
121	Numadu	" 24	0	eP S F	23	32	47.8					New Hebrides islands.	
					23	40	23.6						
					0	05	0.0						
122	Numadu	" 25	0	e F	12	37	16.8					SE off Etorohu island.	
					12	50	0.0						
123	Numadu	" 26	0	e F	16	54	54.8					The Kumanonada sea.	
					16	58	30.0						
124	Numadu	" 26	0	eP F	19	31	22.5					Mt. Hakone.	
					19	33	30.0						
125	Numadu	" 28	0	eP eP S MN ME C F	18	48	42.8					S off Katura, Tiba prefecture.	
					18	48	48.1						
					18	49	1.0						
					18	49	31.0	- 65				1.9	
					18	49	3.9		- 60			1.5	
					18	42	20.0						
					18	56	30.0						
	Itô	" 28	I	P S F	18	48	39.4						
					18	48	52.6						
					18	54	40.0						
	Gotenba	" 28	0	e S F	18	48	43.1						
					18	49	1.5						
					18	55	50.0						



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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre	
					G. M. T.			AN	AE	Az	Period		
					h	m	s	$\mu$	$\mu$	$\mu$	s		
126	Ômiya	June 28	0	PN	18	48	47.5						
				S	18	49	6.3						
				MN	18	49	13.8	+ 68					
				ME	18	49	11.0		+ 52				
				C	18	49	47.9						
				F	18	52	0.0						
		Numadu	" 28	I	eP	18	58	16.0	- 14	+ 59		0.3	S off Katuira, Tiba prefecture.
				Pz	18	58	15.4			- 76			
				S	18	58	37.4						
				MN	18	58	42.8	+ 56				1.8	
			ME	18	58	48.0		- 73			1.8		
			Mz	18	58	51.5			+ 156		1.8		
			C	19	04	50.0							
			F	19	09	30.0							
	Itô	" 28	I	P	18	58	11.5						
			S	18	58	24.1							
			MN	18	58	27.0	+ 1267				0.5		
			ME	18	58	32.0		+ 1125			0.5		
			F	19	14	30.0							
		Gotenba	" 28	II	iP	18	58	17.9					
				S	18	58	36.8						
				ME	18	58	44.7		+ 960				
				MN	18	59	33.7	- 1235					
				C	19	02	47.3						
			F	19	16	10.0							
	Ômiya	" 28	I	PN	18	58	20.0						
			S	18	58	36.5							
			MN	18	59	22.4	+ 630						
			ME	18	59	28.3		+ 780					
			C	19	02	14.0							
			F	19	07	50.0							
	127	Numadu	" 29	0	eP	21	13	11.6					Ditto.
				S	21	13	28.6						
				F	21	16	30.0						
		Itô	" 29	0	eP	21	13	10.6					
			S	21	13	24.5							
			F	21	15	10.0							
	Gotenba	" 29	0	e	21	13	16.1						
			F	21	16	50.0							
	Ômiya	" 29	0		Time is unaccurate.								
128	Itô	" 30	0	eP	15	44	23.1					Ditto.	
			S	15	44	40.8							
			F	15	46	30.0							
129	Numadu	July 5	0	eP	9	12	20.6					SW off Hatidyô island.	
			S	9	13	6.9							
			MN	9	13	12.2	+ 57				2.0		
			ME	9	14	1.4		+ 43			2.0		
			C	9	15	23.0							
			F	9	19	0.0							
	Gotenba	" 5	0	e	9	12	25.3						
			F	9	18	30.0							
	Ômiya	" 5	0	PN	9	12	57.5						
			S	9	13	8.8							
			MN	9	13	12.2	+ 23						
			ME	9	13	12.2		+ 5					
			C	9	13	15.6							
			F	9	15	10.0							
130	Numadu	" 6	0	eP	5	17	8.4					Neighbourhood of Oyama, northern part of Siduoka prefecture.	
			iS	5	17	13.2							
			F	5	20	0.0							

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre	
					G. M. T.			AN	AE	Az	Period		
					h	m	s	$\mu$	$\mu$	$\mu$	s		
	Itô	July 6	0	eP	5	17	12.0						
				S	5	17	30.2						
				F	5	18	0.0						
	Gotenba	" 6	0	iP	5	17	3.4						
				S	5	17	6.2						
				F	5	19	0.0						
	Ômiya	" 6	0	PE	5	17	7.7						
				S	5	17	13.5						
				MN	5	17	13.5	+ 25	+ 16				
				ME	5	17	13.5						
				C	5	17	21.3						
				F	5	18	0.0						
131	Gotenba	" 6	0	e	5	36	8.1						Ditto. ( ? )
				F	5	39	20.0						
132	Numadu	" 6	0	eP	6	47	46.1						E off the cape of Sioya.
				F	6	51	0.0						
133	Numadu	" 6	0	eP	7	36	27.0						Neighbourhood of Mitukaido, Ibaraki prefecture.
				S	7	36	37.2						
				F	7	42	0.0						
	Itô	" 6	0	eP	7	36	27.0						
				S	7	36	46.6						
				F	7	37	50.0						
	Ômiya	" 6	0	eP	7	36	27.4						
				S	7	36	43.2						
				ME	7	36	45.5		+ 10				
				C	7	37	25.1						
				F	7	38	0.0						
134	Numadu	" 6	0	e	13	28	27.6						?
				F	13	34	40.0						
135	Numadu	" 6	0	e	23	42	15.9						S off the cape of Sioya.
				S	23	43	36.0						
				F	23	47	0.0						
	Gotenba	" 6	0	e	23	41	58.1						
				F	23	45	30.0						
	Ômiya	" 6	0	P	23	42	0.8						
				S	23	42	17.0						
				MN	23	42	27.2		+ 7				
				ME	23	42	27.2	+ 12					
				C	23	43	8.0						
				F	23	44	0.0						
136	Itô	" 7	0	eP	16	51	24.0						?
				F	16	54	50.0						
137	Numadu	" 8	0	e	19	06	48.1						Neighbourhood of Huzisawa, Kanagawa prefecture.
				S	19	06	56.0						
				F	19	10	0.0						
	Gotenba	" 8	0	e	19	06	49.5						
				F	19	09	20.0						
	Ômiya	" 8	0	P	19	06	59.3						
				S	19	07	9.4						
				MN	19	07	10.5		+ 7				
				ME	19	07	10.5						
				F	19	08	0.0						
138	Numadu	" 11	III	iPH	8	24	56.1	+ 694	+1214		1.3	S Part of Siduoka city. Destructive earthquake. 8 men were killed instantly, and 218 persons were seriously injured, and crushed down 439 houses.	
				iPz	8	24	55.0			- 619			
				SH	8	25	1.1						
				MN	8	25	1.9	-13750			2.0		
				ME	8	25	7.3		+11421		2.0		
				Mz	8	25	28.6			+5000	2.0		
				C	8	27	58.1				2.0		

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre
					G. M. T.			AN	AE	Az	Period	
					h	m	s	$\mu$	$\mu$	$\mu$	s	
	Itô	〃 11	III	F	8	48	0.0					
				eP	8	25	3.5					
				eS	8	25	11.6					
				ME	8	25	22.5	-1475			0.5	
				MN	8	25	26.5		+2100		0.5	
				C	8	27	30.5					
				F	8	38	10.0					
	Gotenba	〃 11	III	iP	8	24	55.5	-223		-721		
				iS	8	25	3.5					
	Ômiya	〃 11	III	iP	8	24	56.0	-350		-470		
				iS	8	25	0.5					
139	Numadu	〃 11	0	P	11	06	14.0					After shock of No. 138.
				iS	11	06	18.9					
				F	11	07	10.0					
140	Numadu	〃 11	0	e	11	34	43.0					Ditto.
				F	11	35	50.0					
141	Numadu	〃 11	0	P	14	46	20.3					Ditto.
				S	14	46	24.9					
				F	14	47	30.0					
142	Numadu	〃 11	0	e	16	22	10.2					Ditto.
				S	16	22	15.9					
				F	16	23	30.0					
143	Ômiya	〃 12	0	eP	17	30	11.6					?
				S	17	30	16.1					
				ME	17	30	17.2					
				C	17	30	22.9					
				F	17	31	0.0					
144	Numadu	〃 16	0	e	15	03	37.5					W part of Yamaguti prefecture.
				S?	15	21	20.0					
				F	16	30	0.0					
	Ômiya	〃 16	0	eP	15	02	48.5					
				S?	15	03	48.5					
				MN	15	03	11.1	+10				
				ME	15	04	2.1		+9			
				C	15	04	39.5					
				F	15	05	50.0					
145	Numadu	〃 16	0	eP	19	27	19.9					Neighbourhood of Siduoka.
				eS	19	27	27.2					
				F	19	28	40.0					
	Ômiya	〃 16	0	eP	19	27	17.4					
				S	19	27	24.2					
				ME	19	27	31.0					
				C	19	27	44.6					
				F	19	28	6.1					
146	Numadu	〃 17	0	ePN	17	56	5.1					SW foot of Mt. Tukuba.
				ePz	17	56	4.2					
				SN	17	56	21.9					
				Sz	17	56	23.9					
				MN	17	56	47.5	+92			1.1	
				ME	17	57	2.7		+112		1.8	
				Mz	17	56	40.7			-35	1.8	
				C	17	58	5.5					
				F	18	00	30.0					
	Itô	〃 17	0	eP	17	56	5.6					
				S	17	56	20.3					
				F	17	59	0.0					
147	Numadu	〃 19	I	eP	0	50	32.3					The Kasimanada.
				S	0	51	9.7					
				MN	0	51	38.5	+158			1.8	
				ME	0	51	54.2		+118		1.8	

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre
					G. M. T.			AN	AE	Az	Period	
					h	m	s	"	"	"	s	
				M <sub>z</sub>	0	51	36.4			- 92	1.8	
				C	0	55	0.0					
				F	1	19	0.0					
	Itō	July 19	I	iP	0	50	30.3					
				S	0	51	20.7					
				M <sub>v1</sub>	0	51	29.1	+1125			1.0	
				M <sub>v2</sub>	0	52	0.3	+1155			4.8	
				M <sub>E1</sub>	0	51	20.7		+ 850		1.0	
				M <sub>E2</sub>	0	51	51.9		- 900		4.8	
				C	0	52	29.4					
				F	1	18	30.0					
	Ōmiya	" 19	I	eP	0	50	35.0					
				S	0	51	4.7					
				M <sub>v</sub>	0	52	4.7		+1460			
				C	0	54	40.8					
				F	1	04	0.0					
148	Numadu	" 19	0	e	2	13	27.8					The Kasimanada.
				F	2	15	30.0					
	Gotenba	" 19	0	e	2	13	15.0					
				F	2	15	30.0					
149	Numadu	" 19	0	e	2	51	46.4					Ditto.
				S	2	52	26.2					
				M <sub>v</sub>	2	52	33.2	- 42			1.9	
				M <sub>E</sub>	2	52	57.4		+ 67		1.9	
				C	2	53	53.0					
				F	2	57	30.0					
	Gotenba	" 19	0	e	2	51	50.6					
				F	2	57	30.0					
	Ōmiya	" 19	0	eP	2	51	49.5					
				S	2	52	25.6					
				M <sub>v</sub>	2	52	32.3	+ 25				
				M <sub>E</sub>	2	52	53.0		+ 26			
				C	2	52	34.8					
				F	2	54	30.0					
150	Numadu	" 19	0	eP	3	31	13.9					Ditto.
				S	3	31	56.1					
				F	3	56	50.0					
	Gotenba	" 19	0	e	3	31	19.8					
				F	3	36	0.0					
151	Numabu	" 23	0	eP	18	02	1.1					Neighbourhood of Hamamura.
				eS	18	02	54.2					Tottori prefecture.
				M <sub>v</sub>	18	03	27.9	- 40			1.8	
				M <sub>E</sub>	18	03	25.2		- 49		2.3	
				C	18	05	23.9					
				F	18	09	30.0					
	Itō	" 23	0	e	18	02	49.4					
				F	18	07	0.0					
	Gotenba	" 23	0	e	18	02	11.0					
				F	18	07	40.0					
	Ōmiya	" 23	0	eP	18	02	1.9					
				S	18	02	51.0					
				M <sub>E</sub>	18	02	53.3		+ 50			
				C	18	03	7.3					
				F	18	06	50.0					
152	Numadu	" 23	0	eP	8	06	37.2					SE off the cape of
				eS	8	09	2.1					Kitasiretoko.
				M <sub>v</sub>	8	09	38.5	+ 37			2.9	
				M <sub>E</sub>	8	09	26.7		+ 35		2.2	
				C	8	11	48.2					
				F	8	16	0.0					

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre
					G. M. T.			AN	AE	Az	Period	
					h	m	s	μ	μ	μ	s	
	Itô	July 23	0	eP	8	06	35.5					
				F	8	08	10.0					
	Gotenda	" 23	0	e	8	06	29.2					
				F	8	13	40.0					
153	Itô	" 26	0	eP	8	08	52.5					?
				F	8	11	0.0					
154	Numadu	" 26	0	e	19	04	54.7					Neighbourhood of Kasumigaura.
				S	19	05	10.0					
				F	19	11	0.0					
	Itô	" 26	0	eP	19	05	21.0					
				S	19	05	37.2					
				F	19	07	50.0					
	Gotenba	" 26	0	e	19	04	50.5					
				F	19	08	50.0					
	Ômiya	" 26	0	P	19	04	52.4					
				S	19	05	9.7					
				M <sub>N</sub>	19	05	26.3	+ 10				
				M <sub>E</sub>	19	05	23.6		+ 7			
				C	19	06	1.3					
				F	19	07	0.0					
155	Numadu	" 27	0	e	1	52	34.3					Kasimanada.
				F	1	56	40.0					
156	Numadu	" 27	0	eP	10	16	13.8					NW off Etroha island.
				S	10	18	42.9					
				F	10	24	0.0					
	Gotenba	" 27	0	e	10	16	13.0					
				F	10	23	0.0					
157	Numadu	" 27	0	eP	17	01	41.2					E off the cape of Nozima.
				S	17	01	54.1					
				M <sub>N</sub>	17	02	37.7	+ 89			3.6	
				M <sub>E</sub>	17	02	47.7		+ 45		2.7	
				C	17	05	12.1					
				F	17	12	0.0					
	Itô	" 27	0	eP	17	01	38.4					
				S	17	01	51.4					
				F	17	04	30.0					
	Gotenba	" 27	0	e	17	01	44.8					
				F	17	10	20.0					
158	Numadu	" 27	0	eP	19	25	5.8					Ditto.
				S	19	25	16.8					
				M <sub>N</sub>	19	26	9.5	+ 53			2.8	
				M <sub>E</sub>	19	25	45.6		+ 46		1.8	
				C	19	28	12.2					
				F	19	32	0.0					
	Itô	" 27	0	eP	19	24	29.0					
				S	19	24	41.0					
				F	19	28	30.0					
	Gotenba	" 27	0	e	19	25	6.1					
				F	19	31	2.8					
159	Numadu	" 28	0	e	8	24	48.0					Distant earthquake.
				F	8	32	30.0					
160	Numadu	" 29	0	eP	1	54	18.2					The Kasimanada.
				eS	1	54	49.2					
				F	1	58	30.0					
161	Numadu	" 29	0	eP	4	16	36.5					Distant earthquake.
				S	4	19	45.6					
				F	4	30	0.0					

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre		
					G. M. T.			AN	AE	Az	Period			
					h	m	s	$\mu$	$\mu$	$\mu$	s			
	Itô	July 29	0	P	4	16	37.6							
				F	4	19	0.0							
	Gotenba	" 29	0	e	4	16	40.6							
				F	4	27	50.0							
162	Itô	" 29	0	e	4	19	42.5						The mariana islands.	
				F	4	22	20.0							
163	Numadu	" 29	0	eP	7	49	15.4						Distant earthquake.	
				S	7	57	40.5							
				F	7	30	0.0							
	Itô	" 29	0	e	7	49	15.2							
				F	7	56	0.0							
	Gotenba	" 29	0	e	7	49	12.6							
				F	8	13	0.0							
164	Itô	" 29	0	eP	7	56	11.4						?	
				F	8	03	40.0							
165	Numadu	" 29	0	e	19	58	42.0						SE off the cape of Siriya.	
				F	19	05	0.0							
166	Numadu	" 30	0	e	1	15	34.6						?	
				F	1	19	20.0							
167	Numadu	" 31	0	eP	8	12	44.6						Neighbourhood of Mt. Tukuba.	
				S	8	13	11.0							
				M <sub>N</sub>	8	13	36.5	+ 126				1.6		
				M <sub>E</sub>	8	13	45.5		- 93			1.8		
				C	8	15	15.7							
				F	8	21	0.0							
	Itô	" 31	I	e	8	13	22.0							
					Time is unaccurate									
	Gotenba	" 31	0	eP	8	12	56.5							
				S	8	13	11.1							
				M <sub>E</sub>	8	13	22.5		+ 200					
				M <sub>N</sub>	8	13	26.8	- 260						
				C	8	14	38.7							
				F	8	20	30.0							
	Ômiya	" 31	0	P <sub>N</sub>	11	12	59.3							
				S	11	13	20.8							
				M <sub>N</sub>	11	13	25.3	+ 110						
				M <sub>E</sub>	11	13	27.6		+ 59					
				C	11	14	3.8							
				F	11	16	40.0							
168	Numadu	Aug. 3	0	eP	1	17	51.2						Distant earthquake	
				S	1	25	4.4						Sumatra island.	
				L	1	31	46.3							
				M <sub>N</sub>	1	43	28.3	+ 555				14.2		
				F	1	30	0.0							
	Ito	" 3	0	eP	1	17	49.7							
				F	1	40	20.0							
169	Numadu	" 4	0	e	8	20	24.9						N part of Kasimanada.	
				F	8	25	40.0							
170	Numadu	" 4	0	e	9	45	26.6						Kôhu.	
				F	9	48	32.0							
171	Numadu	" 11	0	eP	17	44	58.5						Neighbourhood of Kisaradu,	
				eS	17	45	16.7						Tiba prefect re.	
				F	17	47	50.0							
	Itô	" 11	0	eP	17	45	52.1							
				S	17	45	14.3							
				F	17	47	20.0							



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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre	
					G. M. T.			AN	AE	Az	Period		
					h	m	s	μ	μ	μ	s		
	Ōmiya	Aug. 11	0	P	17	45	7.5						
				S	17	45	21.4						
				M <sub>N</sub>	17	45	22.1	+ 15					
				M <sub>E</sub>	17	45	22.1		+ 16				
				C	17	45	30.5						
				F	17	46	50.0						
172	Numadu	" 16	0	e	19	55	48.8						Middle valley of the R. Hidaka, Wakayama prefecture. Distant earthquake.
				P	19	57	30.0						
173	Numadu	" 17	0	e	1	55	26.4						
				S?	2	03	59.3						
				F			?						
	Itô	" 17	0	eP	1	55	14.0						
				F	2	09	50.0						
	Gotenba	" 17	0		Time is unaccnrate								
174	Numadu	" 17	0	e	7	23	51.4						
				S	7	24	29.7						
				M <sub>N</sub>	7	25	7.8	+ 101				2.4	
				M <sub>E</sub>	7	24	59.5		+ 75			1.8	
				C	7	27	10.0						
				F	7	34	0.0						
	Itô	" 17	0	eP	7	23	54.6						
				S	7	24	29.4						
				F	7	28	40.0						
	Ōmiya	" 17	0	eP	7	23	55.0						
				S	7	24	45.6						
				M <sub>N</sub>	7	25	4.0	+ 80					
				M <sub>E</sub>	7	25	5.8		+ 66				
				C	7	25	19.0						
				F	7	27	40.0						
175	Numadu	" 25	0	P	8	17	2.2						Neighbourhood of Siduoka.
				iS	8	17	7.4						
				M <sub>N</sub>	8	17	36.1	- 19				1.3	
				M <sub>E</sub>	8	17	45.3		+ 11			1.3	
				C	8	19	3.8						
				F	8	21	50.0						
	Itô	" 25	0	eP	8	17	27.1						
				F	8	19	10.0						
	Ōmiya	" 25	0	P	8	17	18.3						
				S	8	17	25.6						
				M <sub>N</sub>	8	17	30.1	+ 43					
				M <sub>E</sub>	8	17	27.0		+ 45				
				C	8	17	31.7						
				F	8	19	0.0						
176	Numadu	" 26	0	e	20	04	56.0						Mt. Hakone.
				iS <sub>E</sub>	20	04	58.7		- 23				
				M <sub>N</sub>	20	05	5.2	- 40				0.9	
				M <sub>E</sub>	20	05	2.7		- 28			0.9	
				C	20	05	47.6						
				F	20	08	10.0						
	Ōmiya	" 26	0	P	20	04	59.5						
				S	20	05	4.1						
				M <sub>N</sub>	20	05	4.1	+ 15					
				M <sub>E</sub>	20	05	8.0		+ 22				
				C	20	05	24.2						
				F	20	06	10.0						
177	Numadu	" 26	0	eP	3	51	34.2						Neighbourhood of Miyake island.
				S	3	51	48.5						
				F	3	54	40.0						
	Itô	" 26	0	P	3	51	28.8						
				F	3	52	30.0						



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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre
					g. m. t.			AN	AE	AZ	Period	
					h	m	s					
178	Numadu	A. g. 26	0	eP	4	24	1.0		+	11		Ditto.
				iS	4	24	20.4					
				F	4	28	10.0					
	Itô	" 27	0	P	4	23	28.8					
				F	4	24	50.0					
179	Numadu	" 27	0	e	5	16	20.3					Ditto.
				F	5	17	40.0					
180	Itô	" 27	0	P	5	37	47.2					Ditto.
				F	5	38	20.0					
181	N. madu	" 27	0	eP	5	43	14.6					Misima, Siduoka prefecture.
				F	5	44	40.0					
182	Numadu	" 27	0	e	5	47	59.5					Neighbourhood of Miyake island.
				F	5	48	40.0					
183	Numadu	" 27	0	e	5	55	25.2					Ditto.
				F	5	59	10.0					
	Itô	" 27	0	P	5	56	53.3					
				F	5	58	10.0					
184	Numadu	" 27	0	eP	5	57	47.4	+	12			Ditto.
				iS	5	58	5.9					
				C	5	59	24.5					
				F	5	00	30.0					
185	N. madu	" 27	0	eP	6	10	11.0	+	34			Ditto.
				iS	6	10	30.6					
				C	6	12	4.7					
				F	6	14	40.0					
	Itô	" 27	0	P	6	09	6.8					
				F	6	10	50.0					
	Gotenba	" 27	0	e	6	10	14.8					
				F	6	12	50.0					
	Ômiya	" 27	0	P	6	10	19.1	+	7			
				S	6	10	37.0					
				M <sub>N</sub>	6	10	47.6					
				M <sub>E</sub>	6	10	45.4					
				C	6	10	59.4					
				F	6	12	20.0					
186	Numadu	" 27	0	e	6	21	19.9					Ditto.
				F	6	23	40.0					
187	Numadu	" 27	0	e	6	30	35.2					Ditto.
				F	6	32	5.0					
188	Numadu	" 27	0	eP	6	54	36.4	-	6	+	27	Ditto.
				iS	6	54	45.2					
				M <sub>N</sub>	6	54	58.6					
				C	6	56	44.5					
				F	6	59	35.0					
	Itô	" 27	0	P	6	54	45.9					
				F	6	56	10.0					
	Ômiya	" 27	0	P	6	54	44.6	+	6			
				S	6	55	1.9					
				M <sub>N</sub>	6	55	12.7					
				C	6	55	25.4					
				F	6	56	0.0					
189	Numadu	" 27	0	e	7	22	18.6					Ditto.
				F	7	29	0.5					
	Itô	" 27	0	P	7	26	31.7					
				F	7	28	0.0					



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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre
					G. M. T.			AN	AE	AZ	Period	
					h	m	s					
190	Numadu	Aug. 27	0	e	7	29	14.2					Ditto. ?
				F	7	31	10.0					
	Itô	" 27	0	P	7	28	46.4					
				F	7	29	20.0					
191	Numadu	" 27	0	e	7	32	58.6					Misima, Siduoka prefecture.
				F	7	34	40.0					
162	Numadu	" 27	0	e	8	13	1.6					Neighbourhood of Miyake island. ?
				S	8	13	19.3	- 3	- 17			
				C	8	14	54.8					
				F	8	24	10.0					
	Itô	" 27	0	P	8	12	58.5					
F				8	14	30.0						
	Gotenba	" 27	0	e	8	13	15.7					
F				8	15	10.0						
193	Numadu	" 27	0	e	8	18	30.2					Ditto.( ? )
				F	8	21	40.0					
194	Numadu	" 27	0	eP	8	45	0.7					Neighbourhood of Miyake island.
				eS	8	45	19.0					
				MN	8	45	34.5	+ 57			1.8	
				C	8	49	34.7					
	Itô	" 27	0	P	8	45	26.1					
F				8	48	30.0						
	Gotenba	" 27	0	e	8	45	3.7					
S				8	45	29.7						
F				8	49	50.0						
	Ômiya	" 27	0	P	8	45	7.8					
S				8	45	30.8						
MN				8	45	37.7	+ 25					
ME				8	45	44.6		+ 20				
C				8	46	3.5						
			F	8	47	40.0						
195	Numadu	" 27	0	e	8	51	27.7					Ditto.
				F	8	54	40.0					
196	Numadu	" 27	0	eP	9	37	54.6					Ditto.
				iS	9	38	13.2	- 11	+ 69			
				MN	9	38	17.2	+ 64			1.8	
				C	9	39	24.8					
	Itô	" 27	0	P	9	38	27.3					
F				9	40	0.0						
	Gotenba	" 27	0	e	9	37	57.2					
F				9	40	40.0						
				Ômiya	" 27	0	P	9	37	59.5		
S	9	38	20.4									
ME	9	38	31.2					+ 19				
C	9	38	52.1									
			F	9	40	20.0						
197	Numadu	" 27	0	e	9	56	15.5					Ditto.
				P	9	59	10.0					
	Itô	" 27	0	P	9	56	31.0					
F				9	57	16.0						
198	Numadu	" 27	0	eP	10	15	59.3					Ditto.
				S	10	16	19.6		+ 27			
				C	10	19	4.7					
				F	10	20	40.0					

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre
					C. M. T.			AN	AE	Az	Period	
					h	m	s	"	"	"	s	
	Itô	Aug. 27	0	P	10	16	1.4					
				F	10	18	0.0					
	Gotenba	" 27	0	e	10	15	2.0					
				F	10	19	20.0					
	Ômiya	" 27	0	P	10	16	7.4					
				S	10	16	23.5					
				ME	10	16	39.6		+	8		
				C	10	16	55.7					
				F	10	18	0.1					
199	Numadu	" 27	0	e	10	37	4.8					Ditto.
				F	10	39	40.0					
200	Numadu	" 27	0	e	11	25	57.3					Ditto.
				F	11	28	40.0					
201	Itô	" 27	0	P	11	32	47.9					Ditto.
				F	11	34	10.0					
202	Numadu	" 27	0	e	12	50	37.8					Ditto.
				S	12	50	57.5					
				F	12	53	40.0					
	Itô	" 27	0	P	12	51	5.1					
				F	12	51	50.0					
203	Numabu	" 27	0	e	12	50	2.4					Ditto. (?)
				F	12	50	40.0					
204	Itô	" 27	0	e	13	04	55.1					Neighbourhood of Miyake island.
				F	13	06	20.0					
	Gotenba	" 27	0	e	13	05	14.3					
				F	13	06	50.0					
205	Numadu	" 27	0	eP	13	55	12.8					Ditto.
				S?	13	55	39.2					
				F	13	58	10.0					
	Itô	" 27	0	P	13	55	35.7					
				F	13	56	0.0					
206	Numadu	" 27	0	eP	14	18	45.9	+	4	+	10	Ditto.
				iS	14	19	6.0	+	23	+	81	
				MN	14	19	25.0	+	68			
				ME	14	19	18.6			+	52	1.3
				C	14	20	17.4					1.8
				F	14	24	10.0					
	Itô	" 27	0	P	14	18	18.5					
				F	14	20	50.0					
	Gotenba	" 27	0	e	14	18	54.3					
				F	14	22	0.0					
	Ômiya	" 27	0	P	14	18	51.3					
				S	14	19	12.0					
				MN	14	19	22.4	+	17			
				ME	14	19	18.9			+	21	
				C	14	19	45.4					
				F	14	21	20.0					
207	Itô	" 27	0	P	14	31	18.5					Ditto. (?)
				F	14	32	0.0					
208	Numadu	" 27	0	eP	14	31	55.0					Ditto. (?)
				S	14	32	14.3	+	6			
				F		?						
	Itô	" 27	0	P	14	31	50.3					
				F	14	34	50.0					
	Gotenba	" 27	0	e	14	32	11.8					
				S	14	33	1.6					
				F	14	38	0.0					

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre	
					g.	m.	T.	AN	AE	Az	Period		
					h	m	s	μ	μ	μ	s		
	Ōmiya	Aug. 27	0	P	14	32	1.7						
				S	14	32	20.1						
				M <sub>N</sub>	14	32	30.9	+ 22					
				M <sub>E</sub>	14	32	29.5						
				C	14	32	53.9		+ 21				
				F	14	34	30.0						
209	Itō	" 27	0	e	14	37	9.9					Neighbourhood of Miyake island.	
				F	14	37	40.0						
210	Itō	" 27	0	P	15	13	57.7					?	
				F	15	16	30.0						
211	Numadu	" 27	0	e	15	27	16.4					Neighbourhood of Miyake island.	
				S		?							
				M <sub>N</sub>	15	27	51.6	+ 41			2.2		
				M <sub>E</sub>	15	27	44.2		+ 36		2.2		
				C	15	29	10.0						
				F	15	32	40.0						
	Gotenda	" 27	0	e	15	27	32.9						
				F	15	30	30.0						
	Ōmiya	" 27	0	P	15	27	21.1						
				S	15	27	41.1						
				M <sub>S</sub>	15	28	0.7		+ 8				
				C	15	28	11.1						
				F	15	29	30.0						
212	N madu	" 27	0	eP	17	30	6.1					Ditto.	
				S	17	30	24.5		+ 20				
				C	17	32	5.0						
				F	17	34	20.0						
	Itō	" 27	0	P	17	29	24.6						
				F	17	31	20.0						
	Gotenba	" 27	0	e	17	30	14.8						
				F	17	33	0.0						
213	Numadu	" 27	0	eP	19	06	2.8					Ditto.	
				S	19	06	21.3						
				F	19	10	30.0						
	Itō	" 27	0	P	19	05	50.4						
				F	19	07	50.0						
	Gotenba	" 27	0	e	19	06	8.6						
				F	19	09	0.0						
214	N madu	" 27	0	eP	19	10	26.0					Ditto.	
				F	19	12	40.0						
215	Numadu	" 27	0	e	19	41	40.9					Ditto.	
				F	19	54	40.0						
216	Itō	" 27	0	P	19	51	50.4					Ditto.	
				F	19	52	50.0						
217	N madu	" 28	0	e	3	00	45.9					Ditto.	
				iS	3	01	4.1	+ 40					
				M <sub>N</sub>	3	01	11.4	+ 17			1.8		
				M <sub>S</sub>	3	01	16.0		+ 19		1.8		
				C	3	01	57.7						
				F	3	06	10.0						
	Itō	" 28	0	P	3	00	41.6						
				F	3	01	50.0						
	Ōmiya	" 28	0	P	3	00	50.2						
				S	3	01	15.5						
				M <sub>E</sub>	3	01	33.0		+ 6				
				C	3	01	44.5						
				F	3	02	0.0						
218	Numadu	" 28	0	e	3	08	12.1					Ditto.	
				F	3	15	0.0						

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre	
					g.	m.	T.	AN	AE	Az	Period		
					h	m	s	μ	μ	μ	s		
	Itô	Aug. 28	0	e F	3	07	11.0 0.0						
219	Numadu	" 28	0	e F	4	06 08	12.8 0.0						Numadu.
220	Numadu	" 28	0	e F	4	30 33	56.7 10.0						Ditto.
221	Numadu	" 28	0	e? F	5	07 09	35.0 30.0						Ditto.
222	Numadu	" 28	0	e F	5	25 27	0.0 40.0						Ditto.
223	Numadu	" 28	0	e F	6	04 07	41.4 40.0						Neighbourhood of Miyake island.
	Itô	" 28	0	P F	6	04 05	36.7 30.0						
224	Numadu	" 28	0	e S F		? 22 24	? 39.6 0.0						Ditto.
225	Numadu	" 28	0	e F	6	24 ?	45.0 ?						E off the cape of Sioya.
226	Numadu	" 28	0	e F	6	49 52	40.4 10.0						Numadu.
227	Numadu	" 28	0	e F	7	19 21	41.5 30.0						Neighbourhood of Miyake island.
228	Itô	" 28	0	e F	10	13 14	39.1 40.0						Ditto.
229	Numadu	" 28	0	e S F	10	15 15 ?	? 10.5 ?						Ditto. (?)
230	Numadu	" 28	0	e? F	10	54 57	58.6 30.0						Neighbourhood of Miyake island.
231	Numadu	" 28	0	e S MN ME C F	11	01 01 01 01 04 07	5.7 24.7 44.9 50.4 30.0 10.0	+ 68		+ 59		1.8 1.4	Ditto.
	Itô	" 28	0	P F	11	00 04	58.7 30.0						
	Gotenba	" 28	0	e S F	11	01 01 05	11.0 31.0 20.0						
	Ômiya	" 28	0	P S MN ME C F	11	01 01 01 02 02 03	25.0 36.3 44.2 6.9 56.7 20.0	+ 47		+ 30			
232	Itô	" 28	0	P F	11	37 38	57.5 50.0						Itô
233	Numadu	" 28	0	e S F	11	51 52 ?	35? 8.9 ?						Neighbourhood of Miyake island.
234	Numadu	" 28	0	e? S MN	13	11 11 11	23.1? 39.5 48.6	+ 81				1.8	Ditto.

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre	
					G.	M.	T.	AN	AE	Az	Period		
				ME	13	11	57.8	"	+ 58	"	s	1.8	
				C	13	13	20.0						
				F	13	16	0.0						
	Itô	Aug. 28	0	P	13	11	6.1						
				F	13	14	30.0						
	Gotenba	" 28	0	e	13	11	28.0						
				S	13	11	50.7						
				F	13	16	20.0						
	Ômiya	" 28	0	P	13	11	27.2						
				S	13	11	44.7						
				MN	13	12	11.5	+ 22					
				ME	13	11	57.2		+ 26				
				C	13	12	27.2						
				F	13	13	50.0						
235	Numadu	" 28	0	e?	13	16	47.0						Ditto.
				S	13	17	4.5						
				ME	13	17	5.5		+ 17		1.9		
				F	13	22	0.0						
	Itô	" 28	0	P	13	16	30.6						
				F	13	18	0.0						
	Gotenba	" 28	0	e	13	16	51.0						
				F	13	18	50.0						
236	Itô	" 28	0	e	14	10	9.5						Upper valley of the R. Kuzi,
				F	14	11	10.0						Ibaraki prefecture.
	Gotenba	" 28	0	e	14	09	47.7						
				F	14	12	0.0						
	Ômiya	" 28	0	P	14	09	52.0						
				S	14	10	14.5						
				ME	14	10	23.3		+ 6				
				C	14	10	32.8						
				F	14	11	30.0						
237	Numadu	" 28	0	eP									?
				S									
				MN	14	33	36.3	+ 63			1.8		
				ME	14	33	36.3		+ 71		1.8		
				C	14	37	25.0						
				F	14	39	40.0						
238	Itô	" 28	0	e	14	44	12.5						?
				F	14	45	10.0						
239	Itô	" 28	0	e	16	17	5.6						Neighbourhood of Miyake
				F	16	18	20.0						island.
240	Numadu	" 28	0	e	16	50	2.3						Numadu.
				F	16	51	30.0						
241	Numadu	" 28	0	e	16	54	42.3						Numadu.
				F	16	56	10.0						
242	Numadu	" 28	0	e	16	56	36.9						Kameyama, Mie prefecture.
				F	16	58	30.0						
243	Itô	" 28	0	eP	17	04	49.0						Neighbourhood of Miyake
				F	17	05	20.0						island.
244	Numadu	" 28	0	e	17	38	?						Ditto.
				S	17	38	48.8						
				F	17	39	10.0						
	Itô	" 28	0	P	17	37	54.1						
				F	17	38	30.0						
245	Numadu	" 28	0	e	22	06	11.5						Ditto.
				F	22	08	40.0						

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre	
					g.	m.	s.	AN	AE	Az	Period		
					h	m	s	"	"	"	s		
	Itô	Aug. 28	0	P F	22	06	4.8						
					22	06	50.0						
246	Itô	" 29	0	P F	0	17	57.7						Ditto.
					0	19	0.0						
247	Numadu	" 29	0	e F	3	31	16.3						Numadu.
					3	34	40.0						
248	Numadu	" 29	0	e S? MN ME C F	4	59	38.1						Neighbourhood of Miyake island.
					1	59	53.2						
					5	00	7.4	+ 205			1.8		
					5	00	1.4		+ 91		1.8		
					5	02	11.0						
					5	05	?						
	Itô	" 29	0	e F	4	59	26.5						
					4	02	30.0						
	Ômiya	" 29	0	P S MN ME C F	4	59	35.8						
					4	59	56.2						
					5	00	4.3	+ 78					
					5	00	20.4		+ 65				
					5	00	37.4						
					5	02	0.0						
249	Itô	" 29	0	e F	7	45	46.6						Ditto.
					7	46	50.0						
250	Itô	" 29	0	P F	8	17	13.9						Ditto.
					8	18	0.0						
251	Itô	" 29	0	P F	9	57	12.1						Ditto.
					9	58	10.0						
252	Numadu	" 29	0	e S F		?							Ditto.
					10	28	12.6						
					10	39	40.0						
	Ômiya	" 29	0	P MN F	10	27	51.5						
					10	28	3.0		+ 5				
					10	28	50.0						
253	Itô	" 29	0	P F	11	37	54.3						Ditto.
					11	39	10.0						
254	Numadu	" 29	0	e F	13	48	36.1						Ditto.
					13	51	0.0						
255	Numadu	" 29	0	e F	17	05	42.7						Ditto.
					17	08	20.0						
	Itô	" 29	0	e F	17	05	38.1						
					17	06	10.0						
256	Numadu	" 29	0	e F	18	02	21.0						Ditto.
					18	05	0.0						
	Itô	" 29	0	P F	18	02	32.0						
					18	03	20.0						
257	Numadu	" 29	0	e F	22	20	7.3						Neighbourhood of Simoduma, Ibaraki prefecture.
					22	21	30.0						
	Itô	" 29	0	P F	22	18	44.7						
					22	19	30.0						
258	Numadu	" 29	0	e F	23	54	11.4						Ditto.
					23	57	0.0						
259	Numadu	" 30	0	e F	4	51	29.9						Ditto.
					4	54	30.0						
	Itô	" 30	0	P F	4	51	33.0						
					4	52	50.0						

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre	
					G.	M.	T.	AN	AE	Az	Period		
					h	m	s	μ	μ	μ	s		
260	Numadu	Aug. 30	0	e F	4	56	35.3 0.0					Ditto.	
	Itô	〃 30	0	P F	4	56 57	34.2 40.0						
261	Numadu	〃 30	0	eP	5	28	7.7	- 32	- 44		1.8 2.5	Ditto.	
				S	5	28	24.8						
				MN	5	28	35.2						
				ME	5	28	33.4						
				C	5	29	24.7						
	F	5	35	0.0									
Itô	〃 30	0	P F	5	27 30	35.4 10.0							
Gotenba	〃 30	0	e	5	28	6.0							
			S	5	28	37.2							
			F	5	33	30.0							
262	Numadu	〃 30	0	eP ?	9	00	48.0					Ditto.	
				S	9	01	0.7						
				F	9	03	30.0						
Itô	〃 30	0	P	9	00	41.3							
			F	9	01	50.0							
263	Numadu	〃 30	0	e	18	35	1.4					Ditto.	
				S	18	35	15.5						
				F	18	39	30.0						
Itô	〃 30	0	P	18	35	27.4							
			F	18	37	0.0							
264	Itô	〃 30	0	P	18	50	29.9					Ditto.	
				F	18	51	40.0						
265	Numadu	〃 31	0	e	0	26	51.1					Off Miyako, Morioka prefecture.	
				F	0	33	0.0						
				Itô	〃 31	0	P						0
F	0	29	30.0										
Gotenba	〃 31	0	e	0	26	48.3							
			F	0	31	0.0							
266	Numadu	〃 31	0	e	5	29	55.2					Off Miyako. ?	
				F	5	33	0.0						
				Itô	〃 31	0	P						5
F	5	32	0.0										
Gotenba	〃 31	0	e	5	28	41.6							
			F	5	33	30.0							
267	Numadu	〃 31	0	e	5	49	31.5					Neighbourhood of Miyake island.	
				S	5	44	44.5						
				F	5	53	30.0						
Itô	〃 31	0	e	5	49	26.8							
			F	5	50	50.0							
268	Numadu	〃 31	0	e	6	03	9.6					Ditto.	
				F	6	08	30.0						
				Itô	〃 31	0	e						6
F	6	05	10.0										
269	Numadu	〃 31	0	e F	7	08 09	6.6 30.0					Ditto.	
270	Numadu	〃 31	0	e F	7	10 12	30.0 30.0					Ditto.	
271	Numadu	〃 31	0	e	10	20	40.8					Ditto.	

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre	
					G. M. T.			AN	AE	Az	Period		
					h	m	s	$\mu$	$\mu$	$\mu$	s		
272	Numadu	Aug. 31	0	F	10	23	0.0					Off Miyako. (?)	
				e	11	04	59.9						
				F	11	08	0.0						
	Gotenba	" 31	0	e	11	04	25.4						
				F	11	08	0.0						
273	Numadu	" 31	II	eP	13	09	45.9					Lower valley of the R. Huzi Siduoka prefecture.	
				S	13	09	51.4				0.9		
				MN	13	09	52.6	- 143			0.9		
				ME	13	09	54.4		- 89				
				C	13	11	12.5						
				F	13	16	0.0						
		Itô	" 31	II	P	13	09	49.1	+ 20	- 20			
	S				13	09	57.7						
	MN				13	09	58.0	± 67			1.2		
	ME				13	10	2.5		± 138		1.2		
	C				13	10	34.4						
	F				13	12	50.0						
	Gotenba	" 31	I	iP	13	09	46.7						
S				13	09	53.3							
MN				13	09	53.3	+ 225						
ME				13	09	53.3		- 342					
C				13	10	57.4							
F				13	15	0.0							
	Ômiya	" 31	I	P	13	09	41.9						
S				13	09	45.2							
MN				13	09	44.9	+ 608						
ME				13	09	46.4		+ 823					
C				13	10	9.4							
F				13	12	30.0							
274	Itô	" 31	0	e	15	29	20.3					Neighbourhood of Miyake island.	
				F	15	30	40.0						
275	Itô	" 31	0	e	15	41	28.3					Ditto.	
				F	15	42	30.0						
276	Itô	" 31	0	e	17	45	9.9					Ditto. (?)	
				F	17	47	10.0						
277	Itô	Sept. 1	0	P	3	09	29.8					Ditto.	
				S	3	09	46.9						
				F	3	12	30.0						
	Ômiya	" 1	0	P	3	09	38.5						
S				3	10	0.0							
MN				3	10	6.8	+ 22						
ME				3	10	10.2		+ 22					
C				3	10	28.2							
F				3	12	0.0							
278	Itô	" 1	0	P	9	56	57.7					Ditto.	
				S	9	57	11.2						
				F	9	58	10.0						
279	Itô	" 1	0	P	11	43	59.7					Ditto.	
				S	11	44	13.9						
				F	11	45	20.0						
280	Numadu	" 2	0	e	16	35	16.7					SE part of Gihu prefecture.	
				S	16	35	31.5						
				ME	16	35	32.1		- 4		3.7		
				F	16	38	30.0						
					Itô	" 2	0	P	16	35	18.0		
F	16	36	50.0										
	Gotenba	" 2	0	e	16	35	19.7						
F				16	37	50.0							



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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre	
					G. M. T.			AN	AE	Az	Period		
					h	m	s	$\mu$	$\mu$	$\mu$	s		
	Ômiya	Sept. 2	0	eP	16	35	15.6						
				S	16	35	28.8						
				MN	16	35	30.0	+ 15					
				C	16	35	40.0						
				F	16	36	10.0						
281	Numadu	" 2	0	eS	17	44	1.8						Numadu
				F	17	45	50.0						
282	Ômiya	" 2	0	P	21	10	0.0						Neighbourhood of Kôhu.
				S	21	10	2.8						
				MN	21	10	5.6?	+ 15					
				ME	21	10	5.6		+ 13				
				F	21	10	30.0						
283	Gotenba	" 3	0	e	11	55	49.1						?
				F	11	56	50.0						
284	Numadu	" 3	0	e	13	36	37.1						Neighbourhood of Miyake island.
				S	13	36	50.0						
				F	13	40	0.0						
	Itô	" 3	0	P	13	36	45.2						
				F	13	38	10.0						
285	Numadu	" 3	0	e	14	35	22.9						Ditto.
				S	14	35	39.8						
				M <sub>v</sub>	14	35	50.3	± 45			1.9		
				C	14	38	22.9						
				F	14	41	50.0						
	Itô	" 3	0	P	14	36	22.7						
				S	14	36	34.9						
				F	14	42	0.0						
	Gotenba	" 3	0	e	14	36	23.9						
				F	14	40	40.0						
	Ômiya	" 3	0	P	14	36	23.3						
				S	14	36	58.2						
				MN	14	37	17.4	+ 22					
				ME	14	37	26.5		+ 14				
				C	14	37	49.1						
				F	14	39	50.0						
186	Numadu	" 4	0	e	1	73	17.2						SE off Taitô, Taiwan.
				S	1	47	7.5						
				F		?							
	Itô	" 4	0	P	1	42	22.0						
				S	1	46	13.4						
				MN	1	46	18.4	± 13			3.7		
				F	1	54	50.0						
	Gotenba	" 4	0	e	1	42	17.1						
				MN	1	46	18.2	+ 500					
				ME	1	46	36.0		- 150				
				F	1	50	30.0						
	Ômiya	" 4	0	P	1	42	17.0						
				S		?							
				MN	1	42	36.0	+ 10					
				ME	1	43	3.0		+ 8				
				F	1	44	20.0						
287	Numadu	" 4	0	e	1	59	2.8						E off Taitô, Taiwan.
				S	2	02	47.1						
				F		?							
	Itô	" 4	0	e	1	59	2.4						
				F	2	04	30.0						
	Gotenba	" 4	0	e	1	59	2.7						
				F	2	01	40.0						

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre
					G. M. T.			AN	AE	AZ	Period	
					h	m	s					
	Ômiya	Sept. 4	0	e F	1	59	?					
					2	03	?					
288	Numadu	" 4	0	e F	3	32	34.7					SE of Taitô, Taiwan.
					3	39	20.0					
	Itô	" 4	0	e F	3	31	38.0					
					3	37	0.0					
	Gotenba	" 4	0	e F	3	32	40.9					
					3	35	40.0					
289	Numadu	" 4	0	eP eS F	18	42	37.9					Neighbourhood of Miyake island.
					18	42	52.3					
					18	45	50.0					
290	Numadu	" 5	0	e F	2	06	34.8					Ditto.
					2	11	50.0					
	Itô	" 5	0	e S F	2	06	40.3					
					2	06	57.4					
					2	09	40.0					
	Gotenba	" 5	0	e P	2	06	53.3					
					2	09	20.0					
291	Numadu	" 5	0	eP eS F	2	11	51.7					N part of Kuzyukurihama Tiba prefecture.
					2	12	10.7					
					2	16	20.0					
	Itô	" 5	0	P F	2	12	6.0					
					2	13	40.0					
	Gotenba	" 5	0	e F	2	11	43.8					
					2	14	20.0					
292	Numadu	" 5	0	e S ME F	2	56	29.3					Neighbourhood of Miyake island.
					2	56	48.6					
					2	56	49.6					
					3	00	20.0					
	Itô	" 5	0	e S F	2	56	30.5					
					2	56	45.2					
					2	58	30.0					
	Gotenba	" 5	0	e F	2	56	40.4					
					2	58	40.0					
293	Numadu	" 7	0	P eS F		?						Ditto.
					4	34	58.1					
					4	37	20.0					
	Itô	" 7	0	P S F	4	34	42.5					
					4	34	52.3					
					4	35	50.0					
294	Numadu	" 7	0	eP eS F	19	18	29.2					Ditto.
					19	18	48.2					
					19	21	50.0					
	Itô	" 7	0	P S F	19	18	29.4					
					19	18	39.2					
					19	20	10.0					
295	Numadu	" 8	0	eP eS F	3	08	22.2					Ditto.
					3	08	36.1					
					3	12	0.0					
	Itô	" 8	0	P S F	3	08	19.0					
					3	08	31.2					
					3	10	30.0					
296	Numadu	" 8	0	e S F	7	48	33.8					Ditto.
					7	49	0.0					
					7	52	40.0					

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre	
					g.	m.	s.	AN	AE	Az	Period		
					h	m	s	"	"	"	s		
297	Numadu	Sept. 9	0	e	5	17	12.9					Neighbourhood of Amakusa, Kumamoto prefecture.	
				F	5	20	10.0						
298	Numadu	" 9	0	e	6	17	59.9					Distant earthquake.	
				S	6	23	40.6						
	F	6	29	10.0									
	Itô	" 9	0	e	6	23	41.0						
				F	6	41	40.0						
	Gotenba	" 9	0	e	6	23	30.0						
F				6	50	20.0							
299	Numadu	" 9	9	eP	10	52	21.1					Neighbourhood of Miyake island.	
				eS	10	52	42.6						
	F			?									
	Itô	" 9	0	e	10	52	19.0						
				S	10	52	33.7						
	F	10	54	50.0									
Gotenba	" 9	0	e	10	52	28.3							
			F	10	58	10.0							
300	Numadu	" 9	0	eP	10	54	51.6					Ditto.	
				eS	10	55	5.6						
	F	10	59	30.0									
	Itô	" 9	0	P	10	55	19.0						
				S	10	55	44.5						
	F	11	05	0.0									
301	Itô	" 9	0	P	20	36	32.8					Ditto	
				S	20	36	42.6						
				F	20	37	30.0						
302	Numadu	" 10	0	e	0	51	4.6					Neighbourhood of Hatidyô island.	
				F	0	53	40.0						
	Itô	" 10	0	P	0	51	9.5						
				S	0	51	20.5						
	F	0	52	30.0									
	303	Numadu	" 10	0	eP	3	45						16.7
eS					3	45	29.2						
M <sub>3</sub>		3	45	40.7									
C		3	47	16.2									
F		3	48	40.0									
± 13		3.0											
Itô	" 10	0	P	3	45	17.3							
			S	3	45	25.9							
			F	3	46	40.0							
304	Numadu	" 10	0	e	3	53	31.2					Ditto.	
				F	3	56	40.0						
	Itô	" 10	0	P	3	53	32.5						
S				3	53	47.2							
F	3	54	40.0										
305	Numadu	" 10	0	e	4	10	19.5					Ditto.	
				F	4	12	0.0						
306	Numadu	" 10	0	e	4	18	24.3					Off the cape of Inubo.	
				F	4	19	40.0						
307	Numadu	" 10	0	e	12	22	19.6					Neighbourhood of Miyake island.	
				S	12	22	38.4						
	F	12	27	10.0									
	Itô	" 11	0	P	12	22	18.4						
				S	12	22	35.5						
	F	12	25	20.0									
308	Gotenba	" 11	0	e	4	42	17.2					?	

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre	
					g.	m.	t.	AN	AE	Az	Period		
					h	m	s	μ	μ	μ	s		
309	Gotenba	Sept. 11	0	F	4	43	20.0						?
				e	5	00	3.0						
				F	5	02	30.0						
310	Numadu	" 11	0	e	13	36	18.8					Neighbourhood of Miyake island.	
				S	13	36	39.8						
				F	13	40	10.0						
	Itô	" 11	0	P	13	36	13.2						
				S	13	36	30.3						
				F	13	39	40.0						
Ômiya	" 11	0	eP	13	36	26.4							
			F	13	37	50.0							
311	Numadu	" 11	0	e	14	06	30.4					SE off Kusiro, Hokkaido prefecture.	
				S?	14	07	7.9						
				MN	14	09	13.8	+ 227			1.7		
				ME	14	09	19.0		- 182		1.3		
				C	14	14	7.9						
				F	14	50	0.0						
	Itô	" 11	0	P	14	06	23.0						
				S	14	08	1.0						
				MN	14	08	7.1	+ 143			2.4		
				ME	14	08	14.5		+ 184		2.4		
				C	14	11	42.0						
	Gotenba	" 11	II	eP	14	06	32.2						
				S	14	08	17.7						
				MN	14	08	50.7	+ 460					
				ME	14	10	32.2		- 675				
C				14	12	41.0							
Ômiya	" 11	0	eP	14	06	33.6							
			S	14	08	20.4							
			MN	14	08	39.6	+ 240						
			ME	14	09	38.4		+ 188					
			C	14	12	2.4							
312	Numadu	" 12	0	e	8	11	36.5					Neighbourhood of Miyake island.	
				S	8	11	55.7						
				ME	8	11	56.7		+ 20		1.8		
	Itô	" 12	0	C	8	12	43.8						
				F	8	17	40.0						
				e	8	11	34.1						
Ômiya	" 12	0	S	8	11	47.5							
			F	8	14	30.0							
			e	8	11	43.1							
313	Numadu	" 12	0	F	8	13	50.0						
				eP	13	30	21.2						
				iS	13	30	41.2	+ 34	+ 58				
	Itô	" 12	0	MN	13	30	47.6	- 54			1.1		
				ME	13	30	53.1		- 61		1.8		
				C	13	30	39.5						
Ômiya	" 12	0	F	13	36	10.0							
			P	13	30	19.7							
			S	13	30	36.8							
313	Numadu	" 12	0	F	13	34	40.0						
				eP	13	30	27.3						
				S	13	30	50.1						
	Itô	" 12	0	MN	13	31	4.5	+ 25					
				ME	13	31	5.7		+ 30				
				C	13	31	23.7						
Ômiya	" 12	0	F	13	33	10.0							

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre	
					g.	m.	T.	AN	AE	Az	Period		
					h	m	s	μ	μ	μ	s		
314	Numadu	Sept. 13	0	eP	9	27	21.8	+ 40			1.5	Mouth of the R. Kuzi, Ibaraki drefect re.	
				S	9	27	37.9						
				MN	9	28	25.5						
				C	9	30	6.5						
			F	9	33	10.0							
	Itô	〃 13	0	P	9	27	29.2						
			S	9	27	53.7							
			F	9	30	40.0							
	Ômiya	〃 13	0	eP	9	27	30.0	+ 18	+ 18				
			S	9	27	54.0							
			MN	9	28	14.4							
			ME	9	28	8.4							
			C	9	28	19.2							
			F	9	30	0.0							
315	Numadu	〃 13	0	e	20	20	21.5					Neighbourhood of Miyake island.	
				S	20	20	37.1						
				C	20	22	47.5						
				F	20	25	10.0						
	Itô	〃 13	0	e	20	19	54.1						
			F	20	21	40.0							
316	Numadu	〃 14	0	eP	8	28	57.9	+ 31	+ 31		1.3	SE off Hatidyô island.	
				eS	8	29	29.8						
				ME	8	29	35.5						
				C	8	31	15.5						
			F	8	35	10.0							
	Itô	〃 14	0	P	8	28	25.2						
			S	8	29	11.7							
			F	8	32	20.0							
	Gotenba	〃 14	0	e	8	28	59.5						
			F	8	35	40.0							
	Ômiya	〃 14	0	e	8	29	1.8						
			F	8	32	10.0							
317	Numadu	〃 14	0	e	12	31	46.6					Neighbourhood of Miyake island.	
			F	12	35	40.0							
318	Numadu	〃 14	0	e	14	01	35.8					Ditto.	
			F	14	03	40.0							
319	Numadu	〃 14	0	e	14	04	30.1					Ditto.	
			F	14	06	40.0							
320	Numadu	〃 14	0	eP	14	20	19.6	+ 168	+ 138		2.6	Kasimanada.	
				eS	14	20	41.2						
				MN	14	21	30.6						
				ME	14	21	25.9						
			C	14	24	5.2							
			F	14	28	10.0							
	Itô	〃 14	0	P	14	20	24.0						
			S	14	20	53.4							
			ME	14	22	30.0		+ 63		1.7			
			F	14	27	0.0							
	Ômiya	〃 14	0	P	14	20	24.5	+ 15	+ 22				
			S	14	21	2.5							
			MN	14	21	51.9							
			ME	14	21	38.2							
			C	14	22	38.0							
			F	14	24	50.0							
321	Gotenba	〃 14	0	eP	15	00	27.0	- 510	- 310			?	
				S	15	00	57.0						
				MN	15	01	11.2						
				ME	15	01	17.5						
			C	15	03	12.7							
			F	15	08	20.0							

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre	
					G.	M.	T.	AN	AE	Az	Period		
					h	m	s	μ	μ	μ	s		
322	Numadu	Sept. 14	0	e F	16	22	32.5					Neighbourhood of Miyake island.	
					16	25	40.0						
323	Numadu	" 14	0	e S F	20	57	31.5					Ditto.	
					20	57	52.7						
					21	01	40.0						
324	Itô	" 14	0	e S F	21	28	4.9					Itô	
					21	28	14.7						
					21	29	50.0						
325	Numadu	" 15	0	eP eS F	3	24	28.5					Neighbourhood of Miyake island.	
					3	24	46.8						
					3	27	40.0						
326	Numadu	" 15	0	e S F	7	37	33.7					Ditto.	
					7	37	58.0						
					7	40	40.0						
327	Numadu	" 15	0	e F	13	36	38.9					Ditto.	
					13	40	40.0						
328	Numadu	" 15	0	e F	13	52	27.5					N part of Kasimanada.	
					13	54	30.0						
329	Numadu	" 15	0	e F	21	23	50.9					Neighbourhood of Miyake island.	
					21	26	40.0						
330	Numadu	" 16	0	e S F	6	56	38.5					Ditto.	
					6	57	5.0						
					6	01	10.0						
	Itô	" 16	0	e F	6	56	14.4						
					6	58	0.0						
331	Numadu	" 16	0	e F	12	31	37.7					Ditto.	
					12	38	40.0						
	Itô	" 16	0	e F	12	32	0.7						
					12	35	10.7						
	Gotenba	" 16	0	e F	12	31	25.5						
					12	35	30.0						
	Ômiya	" 16	0	e F	12	32	7.2						
					12	34	6.0						
332	Numadu	" 16	0	e F	13	12	1.9					Ditto.	
					13	15	40.0						
333	Numadu	" 16	0	e F	13	51	0.8					Ditto. (?)	
					13	51	40.0						
334	Numadu	" 16	0	e F	14	27	9.4					Neighbourhood of Miyake island.	
					14	31	10.0						
	Gotenba	" 16	0	e F	14	27	34.8						
					14	30	20.0						
335	Numadu	" 16	0	e S MN ME C F	14	49	27.0					SE off Katuura, Tiba prefecture.	
					14	49	56.7						
					14	50	31.0	+ 54			1.7		
					14	50	21.5		+ 33		1.7		
					14	53	5.8						
					15	01	10.0						
	Itô	" 16	0	e F	14	49	24.0						
					14	57	20.0						
	Gotenba	" 16	0	e F	14	49	19.0						
					14	52	50.0						
336	Numadu	" 16	0	e F	15	17	44.1					ESE off Miyako, Iwate prefecture.	
					15	24	10.0						

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre	
					g.	m.	s.	AN	AE	Az	Period		
					h	m	s	μ	μ	μ	s		
	Gotenba	Sept. 16	0	e F	15	17	8.2 19.0						
337	Numadu	〃 16	0	e S F	19	15	36.1 42.4 40.0						Neighbourhood of Miyake island.
338	Numadu	〃 16	0	e F	19	39	37.1 40.0						Ditto.
339	Numadu	〃 16	0	eP S MN ME C F	20	52	17.7 38.8 14.9 5.4 55.4 40.0	- 243	+ 153		1.8 1.4		Neighbourhood of Sawara, Tiba prefecture.
	Itô	〃 16	0	P F	20	51	52.6 0.0						
	Gotenba	〃 16	I	iP S MN ME C F	20	52	15.3 31.5 44.5 57.4 42.8 40.0	- 425	- 270				
	Ômiya	〃 16	0		(Time is inaccurate)								
340	Numadu	〃 16	0	e F	21	24	35.8 10.0						Neighbourhood of Miyake island.
	Itô	〃 16	0	e F	21	25	2.5 0.0						
341	Numadu	〃 17	0	e S F	4	36	1.2 18.1 30.0						Ditto.
	Itô	〃 17	0		(Time is inaccurate)								
342	Numadu	〃 18	0	eP eP S MN ME C F	8	25	43.8 7.7 34.2 13.1 42.9 4.2 0.0	+ 182	- 172		3.5 2.5		SW off Urakawa, Hokkaido.
	Itô	〃 18	0	e S F	8	25	17.5 44.4 50.0						
					(Time is inaccurate)								
	Gotenba	〃 18	0	eP S MN ME C F	8	25	48.6 24.0 3.4 7.5 14.5 10.0	+ 660	- 600				
	Ômiya	〃 18	0	P S MN ME C F	8	25	48.0 22.3 52.6 21.3 56.1 20.0	+ 103	+ 166				
343	Numadu	〃 18	0	eP S MN ME	8	52	4.2 58.1 43.7 32.8	+ 44	+ 33		2.7 2.7		Ditto.

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre		
					G. M. T.			AN	AT	Az	Period			
					h	m	s	μ	μ	μ	s			
	Itô	Sept. 18	0	C	8	56	44.2							
				F	8	02	30.0							
				e	8	52	37.1							
				S	8	54	26.1							
				F	9	01	40.0							
						(Time is inaccurate)								
	Gotenba	" 18	0	e	8	52	3.2							
				F	8	59	50.0							
	Ômiya	" 18	0	P	8	52	3.3							
				S	8	53	44.5							
MN				8	54	51.2	+ 6							
ME				8	54	45.2		+ 22						
F				8	55	40.4								
			F	8	57	30.0								
344 Numadu	" 18	0	P	16	30	34.5						Misima, Siduoka prefecture.		
			S	16	30	39.9								
			ME	16	30	40.1								
			F	16	31	30.0								
Ômiya	" 18	0	P	16	30	34.6								
			F	16	31	0.0								
345 Numadu	" 18	0	e	16	59	40.0					Neighbourhood of the cape of Omaezaki			
			F	16	01	30.0								
Itô	" 18	0	e	16	59	46.0								
								(Time is inaccurate)						
346 Numadu	" 18	0	eP	20	11	12.6					E off the cape of Siringa.			
			eS	20	12	31.4								
			MN	20	13	32.2	+ 43			2.1				
			ME	20	13	27.8		- 40		2.1				
			F	20	20	30.0								
	Gotenba	" 18	0	e	20	11	7.9							
				F	20	18	10.0							
	Ômiya	" 18	0	P	20	11	7.7							
				S	20	12	24.9							
				MN	20	12	50.3	+ 12						
ME				20	12	37.1		+ 14						
F				20	15	10.0								
347 Numadu	" 18	0	e	20	39	14.2								
			F	20	41	40.0								
348 Itô	" 19	0	P	1	55	23.0								
			S	2	01	23.0								
			L	2	04	23.0								
			F	2	49	10.0								
349 Numadu	" 19	0	e	16	28	34.2				Neighbourhood of Miyake island.				
			F	16	32	30.0								
350 Numadu	" 19	0	e	18	08	37.3				Ditto.				
			F	18	11	0.0								
351 Numadu	" 19	0	eP	20	37	34.2				Ditto.				
			iS	20	37	55.2	+ 56	+ 27						
			MN	20	38	16.8	+ 38		1.8					
			ME	20	38	7.2		+ 40	1.8					
			C	20	39	12.7								
			F	20	42	30.0								
Gotenba	" 19	0	e	20	37	48.5								
			F	20	41	0.0								



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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre				
					G. M. T.			AN	AE	Az	Period					
					h	m	s	μ	μ	μ	s					
	Ōmiya	Sept. 19	0		(Time is inaccurate)											
352	Numadu	" 19	0	e F	21	14	10.0					Ditto.				
					21	18	0.0									
353	Numadu	" 20	0	eP eP? L? M <sub>N</sub> M <sub>E</sub> F	1	54	9.5	+ 136	- 167		26.3 31.5	Distant earthquake.				
					1	54	34.0									
					2	03	7.1									
					2	06	6.0									
					2	03	37.5									
					2	07	0.0									
	Gotenba	" 20	0	e F	1	54	24.8									
					1	43	20.0									
354	Numadu	" 20	0	e F	4	54	28.8					?				
					4	57	0.0									
355	Numadu	" 20	0	eP L? F	5	29	34.4					Distant earthquake.				
					5	39	20.4									
					5	14	10.0									
	Itô	" 20	0	e F	5	38	31.0									
					5	53	20.0									
356	Numadu	" 20	0	e S M <sub>N</sub> M <sub>E</sub> C F	20	00	36.3	+ 29	+ 31		1.7 1.7	Neighbourhood of Miyake island.				
					20	00	56.5									
					20	01	13.7									
					20	01	4.5									
					20	04	33.3									
					20	06	10.0									
	Gotenba	" 20	0	e F	20	00	43.4									
					20	04	40.0									
357	Numadu	" 20	0	e S F	20	06	43.9					Ditto.				
					20	06	54.3									
					20	09	30.0									
	Itô	" 20	0	e F	20	06	33.2									
					20	09	0.0									
358	Numadu	" 20	0	e S F	22	15	42.4					SE off the cape of Nozima.				
					22	15	57.4									
					22	20	0.0									
	Itô	" 20	0	e F	20	12	39.3									
					20	13	40.0									
359	Numadu	" 21	0	e S F	11	23	3.0					Neighbourhood of Miyake island.				
					11	23	17.4									
					11	25	30.0									
360	Numadu	" 22	0	e F	2	44	27.1					Ditto.				
					2	46	30.0									
361	Numadu	" 22	0	e F	4	29	3.2					?				
					4	32	0.0									
362	Numadu	" 22	I	eP eS M <sub>N</sub> M <sub>E</sub> C F	14	40	18.4	+ 100	+ 77		0.9 0.9	Neighbourhood of Kumagai, Saitama prefecture.				
					14	40	36.0									
					14	40	45.9									
					14	40	37.9									
					14	43	3.4									
					14	44	30.0									
	Itô	" 22	I	P S M <sub>E</sub> F	14	38	54.8	± 238								
					14	39	11.9									
					14	39	14.4									
					14	41	40.0									
	Gotenba	" 22	I	iP S M <sub>E</sub>	14	40	18.0									
					14	40	2.6									
					14	40	40.7					- 75				

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre	
					G. M. T.			AN	AE	Az	Period		
					h	m	s	$\mu$	$\mu$	$\mu$	s		
	Ômiya	Sept. 22	0	M <sub>v</sub>	14	40	43.9	+ 100					
				C	14	41	58.3						
				F	14	44	50.0						
				P	14	40	29.1						
				S	14	40	46.7						
				M <sub>N</sub>	14	40	49.1	+ 170					
				M <sub>E</sub>	14	40	50.2		+ 90				
				C	14	41	36.0						
				F	14	43	30.0						
363	Itô	" 23	0	e	9	14	2.9					N part of Gunma prefecture.	
				F	9	16	30.0						
364	Numadu	" 23	0	e	9	25	31.2					Distant earthquake.	
				F	9	30	0.0						
365	Numada	" 23	0	eP	17	32	31.4					S off Katura.	
				S	17	32	42.3						
				M <sub>N</sub>	17	33	55.0	+ 36			2.3		
				C	17	34	46.9						
				F	17	37	30.0						
	Itô	" 23	0	P	17	32	52.3						
					(Time is inaccurate)								
	Gotenba	" 23	I	iP	17	32	32.4						
				S	17	32	50.3						
				F	17	37	40.0						
	Ômiya	" 23	0	P	17	32	35.6						
				S	17	32	54.4						
				M <sub>N</sub>	17	32	56.8	+ 43					
				M <sub>E</sub>	17	32	57.0		+ 33				
				C	17	33	45.2						
				F	17	35	20.0						
366	Numadu	" 24	0	e	2	30	55.1					Numadu	
				F	2	32	30.0						
367	Numadu	" 24	0	e	4	35	55.0					Numadu	
				F	4	38	0.0						
368	Numadu	" 24	I	eP <sub>N</sub>	16	38	38.8					WSW off Hatidyô island.	
				eP <sub>Z</sub>	16	38	35.2						
				S <sub>N</sub>	16	38	57.2						
				S <sub>Z</sub>	16	38	58.0						
				M <sub>N</sub>	16	39	10.1	+ 335			2.2		
				M <sub>E</sub>	16	39	5.8		- 266		1.7		
				M <sub>Z</sub>	16	39	4.5			- 126	2.3		
				C	16	43	3.8						
				F	16	47	0.0						
	Itô	" 24	0	e	16	38	33.9						
					(Time is inaccurate)								
	Gotenba	" 24	0	eP	16	38	42.7						
				S	16	39	11.1						
				M <sub>N</sub>	16	39	42.7	+ 350					
				M <sub>E</sub>	16	40	11.5		- 175				
				C	16	41	18.0						
				F	16	49	40.0						
	Ômiya	" 24	0	P	16	38	41.2						
				S	16	39	10.6						
				M <sub>N</sub>	16	39	27.0	+ 245					
				M <sub>E</sub>	16	39	28.2		+ 225				
				C	16	40	19.9						
				F	16	41	40.0						
369	Numdbu	" 24	0	eP <sub>N</sub>	16	44	21.2					Neighbourhood of Miyake island.	
				P <sub>Z</sub>	16	44	19.2						
				S <sub>N</sub>	16	44	40.4						

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre	
					G. M. T.			AN	AE	Az	Period		
					h	m	s	μ	μ	μ	s		
				Sz	16	44	41.3						
				MN	16	44	39.9	- 39					
				F	16	47	0.0						
	Itô	" 24	0	P	16	44	18.0						
				F	16	46	50.0						
370	Numadu	" 24	0	ez	16	46	59.6						Ditto.
				F	16	49	30.0						
371	Numadu	" 24	I	ePN	16	54	14.0						NW off Hatidyô island.
				ePz	16	54	12.9						
				SN	16	54	48.8						
				iSz	16	54	49.8						
				MN	16	55	12.4	- 470				1.7	
				ME	16	55	14.4		+ 283			1.5	
				Mz	16	55	14.9			- 122		2.0	
				C	16	59	3.8						
				F	17	04	0.0						
	Itô	" 24	0	e	16	54	57.2						
					(Time is inaccurate)								
	Gotenba	" 24	0	eP	16	54	30.8						
				S	16	55	19.6						
				MN	16	55	27.7	+ 380					
				ME	16	55	27.7		- 260				
				C	16	58	8.5						
				F	17	03	10.0						
	Ômiya	" 24	0	P	16	54	20.1						
				S	16	54	58.9						
				MN	16	55	45.6	+ 430					
				ME	16	55	44.7		+ 207				
				C	16	56	54.0						
				F	16	59	50.0						
372	Itô	" 26	0	e	14	08	51.3						?
				F	14	11	20.0						
373	Numadu	" 27	0	e	18	49	26.5						Lower Valley of the R.
				F	18	54	0.0						Niikapp, Hokkaidô province.
	Itô	" 27	0	e	13	49	38.6						
					(Time is inaccurate)								
374	Numadu	" 27	0	e	22	35	21.6						W foot of Mt. Ibuki.
				F	22	39	0.0						
375	Numadu	" 28	0	e	6	40	45.1						Neighbourhood of Miyake island.
				S	6	41	8.8						
				F	6	44	0.0						
376	Numadu	" 29	0	e	0	56	32.3						Ditto.
				F	0	59	10.0						
377	Numadu	" 29	0	e	1	04	24.4						Ditto.
				F	1	08	30.0						
378	Numadu	" 29	0	eP	8	23	15.7						Ditto.
				eS	8	23	38.4						
				F	8	28	0.0						
	Itô	" 29	0	e	8	23	19.5						
				F	8	25	50.0						
379	Numadu	" 29	0	e	11	43	58.7						Distant earthquake.
				F	11	49	0.0						
380	Numadu	" 30	0	ePN	0	07	17.2						Neighbourhood of Tiba.
				SE	0	07	33.2						
				MN	0	08	27.6	- 493				1.7	
				ME	0	08	47.5		+ 375			1.7	

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre	
					G.	M.	T.	AN	AE	Az	Period		
					h	m	s	μ	μ	μ	s		
				Mz	0	08	3.8			+ 88	2.0		
				C	0	12	41.5						
				F	0	18	0.0						
	Itô	Sept. 30	0	P	0	07	37.6						
					(Time of inaccuracy)								
	Gotenba	" 30	I	iP	0	07	20.1						
				S	0	07	34.7						
				MN	0	07	59.0	- 765					
				ME	0	07	52.5		- 815				
				C	0	10	7.1						
				F	0	16	0.0						
	Ômiya	" 30	0	P	0	07	21.0						
				S	0	07	38.7						
				MN	0	08	21.7						
				ME	0	07	56.4						
				F	0	10	0.0						
381	Numadu	" 30	0	e	10	15	53.0					Kudyukurihama, Tiba prefecture.	
				F	10	18	30.0						
	Gotenba	" 30	0	e	10	15	56.6						
				F	10	17	0.0						
382	Numadu	" 30	0	e	13	37	4.9					Ditto.	
				S	13	37	16.5						
				F	13	41	0.0						
	Itô	" 30	0	e	13	37	6.1						
				F	13	38	10.0						
	Gotenba	" 30	0	e	13	37	4.5						
				F	13	40	50.0						
	Ômiya	" 30	0	P	13	37	1.5						
				S	13	37	20.3						
				ME	13	37	45.0		+ 5				
				C	13	38	26.1						
				F	13	39	0.0						
383	Numadu	" 30	0	e	21	50	56.4					Ditto.	
				F	21	53	30.0						
384	Numadu	Oct. 2	0	e	5	35	23.1					off the cape of ottisi, Hokkaido province.	
				S?	5	37	11.3						
				MN	5	38	6.3	- 147			1.7		
				ME	5	37	58.3		+ 142		2.2		
				C	5	41	6.3						
				F	5	55	10.0						
	Itô	" 2	0	P	5	35	20.7						
				S	5	37	7.0						
				MN1	5	37	9.5	- 63			1.5		
				MN2	5	37	10.3	+ 88			1.4		
				C	5	41	9.1						
				F	5	52	0.0						
	Gotenba	" 2	0	eP	5	35	32.7						
				S	5	37	9.3						
				MN	5	37	53.5	- 312					
				ME	5	37	18.7		+ 234				
				C	5	39	27.8						
				F	5	53	0.0						
	Ômiya	" 2	0	P	5	35	26.5						
				S	5	36	4.7						
				MN	5	38	3.7	+ 179					
				ME	5	37	19.0		+ 93				
				C	5	40	49.3						
				F	5	42	50.0						
385	Numadu	" 2	0	e	6	31	17.2					Neighbourhood of Mobarra, Tiba prefecture.	

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre	
					G.	M.	T.	AN	AE	Az	Period		
					h	m	s	$\mu$	$\mu$	$\mu$	s		
				F	6	34	40.0						
	Itô	Oct. 2	0	P	6	31	27.0						
				F	6	33	20.0						
	Gotenba	" 2	0	e	6	31	28.0						
				F	6	34	40.0						
386	Numadu	" 2	0	e	9	30	50.1					Off the cape of Sada, Kagosima prefecture.	
				F	9	34	0.0						
387	Numadu	" 2	0	e	10	33	16.5					Neighbourhood of Moriya, Ibaraki prefecture.	
				F	10	36	10.0						
	Gotenba	" 2	0	e	10	33	33.0						
				F	10	34	50.0						
388	Numadu	" 4	0	c	5	25	40.9					?	
				S	5	26	8.3						
				F	5	30	10.0						
389	Numadu	" 6	0	eP	3	35	21.2					Neighbourhood of Miyake island.	
				eS	3	35	38.9						
				MN	3	35	40.6	- 47			1.4		
				ME	3	35	49.1		- 30		1.0		
				C	3	37	6.8						
				F	3	40	10.0						
	Itô	" 6	0	P	3	35	19.5						
				F	3	38	40.0						
	Gotenba	" 6	0	e	3	35	21.7						
				F	3	39	40.0						
	Ômiya	" 6	0	P	3	34	24.8						
				S	3	34	43.6						
				F	3	36	50.0						
390	Numadu	" 6	0	e	9	48	22.3					Ditto.	
				S	9	48	41.9						
				F	9	51	40.0						
	Itô	" 6	0	e	9	47	54.8						
				F	9	50	20.0						
	Ômiya	" 6	0	e	9	47	31.3						
				F	9	48	40.0						
391	Numadu	" 6	0	e	12	07	26.7					Ditto.	
				F	12	10	40.0						
392	Numadu	" 7	0	e	8	28	18.4					Ditto.	
				S	8	28	33.2						
				F	8	31	40.0						
	Itô	" 7	0	e	8	28	25.0						
				F	8	30	40.0						
393	Numadu	" 7	0	e	9	40	11.6					Off Hatidyô island.	
				S	9	40	27.4						
				F	9	44	40.0						
	Gotenba	" 7	0	e	9	40	23.0						
				F	9	43	50.0						
	Itô	" 7	0	P	9	40	7.5						
				F	9	43	30.0						
394	Numadu	" 7	0	e	11	17	31.1					Neighbourhood of Miyake island.	
				F	11	20	40.0						
	Itô	" 7	0	P	11	17	27.0						
				F	11	18	40.0						
395	Numadu	" 9	0	e	10	51	50.1					Neighbourhood of Tiba.	

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre
					G. M. T.			AN	AE	Az	Period	
					h	m	s					
				S	10	52	5.2					
				F	10	55	30.0					
	Itô	Oct. 9	0	e	10	52	3.8					
				F	10	53	10.0					
	Gotenba	" 10	0	e	10	51	51.0					
				F	10	55	10.0					
396	Numadu	" 10	0	e	11	14	14.7					Neighbourhood of Miyake island.
				F	11	17	40.0					
	Itô	" 10	0	e	11	14	13.0					
				F	11	15	40.0					
397	Numadu	" 12	0	eP	16	46	56.8					NE off Miyako, Iwate prefecture.
				ePz	16	46	57.4					
				Sz	16	48	18.3					
				MN	16	50	9.8	- 426			2.0	
				ME	16	49	15.9		- 463		1.7	
				Mz	16	48	59.8			- 132	2.3	
				C	16	53	48.5					
				F	16	59	?					
	Itô	" 12	0	P	16	46	53.0					
				S	16	48	18.0					
				MN	16	50	16.7		+ 163		1.5	
				F	17	02	30.0					
	Gotenba	" 12	0	eP	16	46	56.1					
				S	16	48	16.1					
				MN	16	48	39.9	-1500				
				ME	16	49	31.8		-1150			
				C	16	53	35.0					
				F	17	01	40.0					
	Ômiya	" 12	0	P	16	46	56.1					
				S	16	48	37.2					
				MN	16	49	45.3	+ 665				
				ME	16	49	38.1		+ 880			
				C	16	53	0.2					
				F	16	57	30.0					
398	Numadu	" 12	0	ePN	17	02	5.8					Ditto.
				ez	17	02	4.8					
				Sz	17	03	33.6					
				MN	17	04	7.6	+ 64			1.5	
				ME	17	04	5.1		- 70		1.7	
				C	17	07	10.0					
				F			?					
	Itô	" 12	0	P	17	02	26.7					
				S	17	03	51.7					
				F	17	20	0.0					
	Gotenba	" 12	0	eP	17	01	44.0					
				S	17	03	28.3					
				MN	17	03	52.1	+ 450				
				ME	17	04	23.0		+ 310			
				C	17	05	43.3					
				F	17	13	10.0					
	Ômiya	" 12	0	P	17	02	7.0					
				S	17	03	30.8					
				MN	17	04	25.1	+ 104				
				ME	17	04	5.9		+ 135			
				C	17	05	56.8					
				F	17	10	10.0					
399	Numadu	" 12	0	e	17	07	29.5					Off Miyako, Iwate prefecture.
				S?	17	08	32.1					
				MN	17	08	51.5	- 28			1.7	
				ME	17	08	45.4		- 36		2.2	
				F	17	15	10.0					

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre		
					G.	M.	T.	AN	AE	Az	Period			
					h	m	s	μ	μ	μ	s			
400	Numadu	Oct. 12	0	e	17	15	3.3					Ditto.		
				S	17	16	34.3							
				F	17	21	40.0							
	Itô	" 12	0	e	17	15	39.2							
				F	17	19	20.0							
	Gotenba	" 12	0	e	17	14	55.0							
				F	17	20	50.0							
	Ômiya	" 12	0	e	17	15	2.5							
				F	17	20	0.0							
401	Numadu	" 12	0	e	18	08	26.2					Ditto.		
				S?	18	09	43.3							
				F	18	13	40.0							
	Itô	" 12	0	e	18	09	1.7							
				F	18	12	20.0							
	Gotenba	" 12	0	e	18	08	19.2							
				F	18	13	20.0							
402	Numadu	" 12	0	e	18	15	55.8					Ditto.		
				S	18	17	8.3							
				MN	18	18	49.1	+ 57			2.2			
				ME	18	18	44.8		- 63		2.2			
				C	18	22	8.3							
				F	18	26	10.0							
	Itô	" 12	0	P	18	15	41.7							
				S	18	17	5.4							
				F	18	26	20.0							
	Gotenba	" 12	0	eP	18	15	48.0							
				S	18	16	53.9							
				MN	18	18	45.3	+ 337						
				ME	18	19	26.4		+ 262					
				C	18	20	33.3							
				F	18	26	40.0							
	Ômiya	" 12	0	P	18	15	46.2							
				S	18	16	58.2							
				MN	18	17	39.0	+ 70						
				ME	18	17	49.1		+ 120					
				C	18	20	12.5							
				F	18	21	20.0							
403	Gunmda	" 12	0	e	18	39	53.5					?		
				F	18	41	20.0							
404	Numadu	" 13	0	e	1	59	5.9					Off Miyako, Iwate prefecture.		
				S	2	00	49.8							
				MN	2	01	9.3	+ 210			1.7			
				ME	2	01	32.7		+ 191		2.6			
				C	2	03	8.8							
				F	2	09	10.0							
	Itô	" 13	0	P	1	59	20.0							
				S	2	00	43.7							
				ME	2	00	59.4		+ 175		1.3			
				F	2	12	20.0							
	Gotenba	" 13	0	eP	1	59	7.3							
				S	2	00	41.0							
				MN	2	00	50.0	+ 700						
				ME	2	01	0.5		- 350					
				C	2	03	38.2							
				F	2	09	0.0							
	Ômiya	" 13	0	P	1	59	11.1							
				S	2	00	49.8							
				MN	2	01	19.2	+ 455						
				ME	2	01	15.7		+ 820					
				C	2	02	20.3							

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre
					G. M. T.			AN	AE	AZ	Period	
					h	m	s					
				F	2	04	0.0					
405	Gotenba	Oct. 13	0	e	7	15	54.5					?
				F	7	56	40.0					
406	Gotenba	" 13	0	e	8	40	17.6					?
				F	8	41	20.0					
407	Gotenba	" 13	0	e	9	21	46.0					Off Miyako, Iwate prefecture.
				F	9	23	5.0					
408	Gotenba	" 13	0	e	14	15	12.3					Ditto.
				F	14	16	38.3					
409	Gotenba	" 14	0	e	0	06	22.0					NE off Miyako, Iwate prefecture.
				F	0	08	50.0					
410	Numadu	" 15	0	e	10	32	20.8					Off Miyako, Iwate prefecture.
				S	10	33	29.3					
				F	10	39	10.0					
	Itô	" 15	0	e	10	32	26.0					
				F	10	38	20.0					
	Gotenba	" 15	0	e	10	32	9.9					
				F	10	38	50.0					
	Ômiya	" 15	0	e	10	32	1.3					
				F	10	36	0.0					
411	Gotenba	" 15	0	e	12	10	52.0					?
				F	12	12	30.0					
412	Numadu	" 15	0	e	14	36	16.6					NW off Noto peninsula.
				S	14	37	17.5					
				M <sub>N</sub>	14	37	31.8	- 66				2.0
				M <sub>E</sub>	14	37	26.0		- 47			1.2
				C	14	39	19.0					
				F	14	42	40.0					
	Itô	" 15	0	iP	14	36	17.3	+ 8		- 33		
				iS	14	37	12.9					
				M <sub>N</sub>	14	38	13.9					
				F	14	41	20.0					
	Gotenba	" 15	0	e	14	36	11.0					
				F	14	42	10.0					
	Ômiya	" 15	0	P	14	36	9.8					
				S	14	37	3.9					
				M <sub>N</sub>	14	37	23.9					
				M <sub>E</sub>	14	37	13.3					
				C	14	37	36.8					
				F	14	39	10.0					
413	Gotenba	" 15	0	e	15	01	58.0					The Kasimanada.
				F	15	03	50.0					
414	Gotenba	" 16	0	e	0	43	0.2					?
				F	0	43	50.0					
415	Gotenba	" 16	0	e	7	52	51.7					Wakayama.
				F	7	53	50.0					
416	Gotenba	" 16	0	e	11	04	57.9					?
				F	11	05	50.0					
417	Gotenba	" 17	0	e	0	44	1.9					?
				F	0	44	50.0					
418	Gotenba	" 17	0	e	1	01	39.5					?
				F	1	03	0.0					
419	Gotenba	" 17	0	e	1	09	59.5					?
				F	1	11	10.0					



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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre
					G. M. T.			AN	AE	Az	Period	
					h	m	s	$\mu$	$\mu$	$\mu$	s	
420	Gotenba	Oct. 17	0	e F	2	02	11.5					?
					2	03	0.0					
421	Numadu	" 18	0	eP <sub>N</sub> P <sub>z</sub> S <sub>N</sub> S <sub>z</sub> M <sub>N</sub> M <sub>E</sub> M <sub>z</sub> C F	0	13	37.5					ENE off Miyako, Iwate prefecture.
					0	13	36.1					
					0	14	57.2					
					0	14	56.8					
					0	15	29.5	- 777			1.9	
					0	15	29.5		-1228		2.2	
					0	15	38.1			+ 320	2.7	
					0	22	50.0					
							?					
	Itô	" 18	0	P S M <sub>N</sub> M <sub>E</sub> F	0	13	38.7					
					0	15	3.7					
					0	16	30.0	+ 275			4.5	
					0	15	42.4		- 300		5.0	
					0	52	0.0					
	Gotenba	" 18	0	eP S M <sub>N</sub> M <sub>E</sub> C F	0	13	39.0					
					0	15	7.6					
					0	16	21.5	+1575				
					0	16	21.3		-2000			
					0	20	28.2					
					0	27	0.0					
	Ômiya	" 18	0	P S M <sub>N</sub> M <sub>E</sub> C F	0	13	40.6					
					0	15	13.4					
					0	15	51.0	+1000				
					0	16	6.0		+1200			
					0	19	25.3					
					0	24	30.0					
422	Numadu	" 18	0	eP S M <sub>N</sub> M <sub>E</sub> C F	0	30	25.3					Ditto.
					0	32	38.2					
					0	33	9.4	- 50			3.4	
					0	33	15.0		- 53		2.1	
					0	36	9.9					
					0	39	10.0					
	Gotenba	" 18	0	e F	0	30	7.1					
					0	37	10.0					
	Ômiya	" 18	0	P S M <sub>N</sub> M <sub>E</sub> C F	0	30	24.5					
					0	32	22.2					
					0	33	29.0	+ 111				
					0	32	55.0		+ 95			
					0	33	32.8					
					0	35	0.0					
423	Numadu	" 18	0	e F	0	39	29.9					Off Miyako, Iwate prefecture.
					0	43	10.0					
424	Numadu	" 18	0	e F	1	40	4.9					Ditto.
					1	44	10.0					
425	Ômiya	" 18	0	e F	3	46	44.4					?
					3	47	10.0					
426	Numadu	" 18	0	e S F	5	53	25.5					Off Miyako, Iwate prefecture.
					5	54	49.9					
					6	01	10.0					
	Itô	" 18	0	e F	5	54	15.2					
					6	02	20.0					
	Gotenba	" 18	0	e F	5	53	33.8					
					6	00	5.0					
	Ômiya	" 18	0	P S M <sub>N</sub> C F	5	53	25.8					
					5	54	51.6					
					5	55	57.6					
					5	58	17.4					
					6	00	40.0					

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre											
					G. M. T.			AN	AE	Az	Period												
					h	m	s	μ	μ	μ	s												
427	Numadu	Oct. 18	0	e	6	12	24.5					Ditto.											
				S	6	14	0.2																
				F	6	19	10.0																
	Itô	" 18	0	P	6	12	29.7					Ditto.											
				S	6	13	57.2																
				F	6	17	28.5																
	Ômiya	" 18	0	e	6	12	25.6					Ditto.											
				F	6	17	20.0																
428	Gotenba	" 18	0	e	6	52	31.0					Ditto.											
			F	6	58	0.9																	
429	Gotenba	" 18	0	e	7	13	52.2					Ditto.											
			F	7	17	0.0																	
430	Numadu	" 18	0	e	11	10	33.8					Distant earthquake.											
				F	11	59	10.0																
	Itô	" 18	0	P	11	10	18.0					Distant earthquake.											
				S	11	14	33.0																
				F	11	60	0.0																
	Gotenba	" 18	0	e	11	10	34.9					Distant earthquake.											
				F	11	44	0.0																
431	Numadu	" 18	0	e	14	55	38.3	- 93				ENE off Miyako, Iwate prefecture.											
				S	14	57	1.5																
				MN	14	58	13.5																
				ME	14	57	58.9																
				C	15	01	20.0																
				F	15	14	10.0																
																				2.1			
																				2.5			
					Itô	" 18	0						P	14	55	27.9					ENE off Miyako, Iwate prefecture.		
													S	14	56	52.9							
F	14	20	0.0																				
	Gotenba	" 18	0	eP	14	55	45.7	+ 600				ENE off Miyako, Iwate prefecture.											
				S	14	57	6.2																
				MN	14	57	30.8																
				ME	14	58	12.8																
				C	15	01	5.1																
				F	15	18	40.0																
	Ômiya	" 18	0	P	14	55	34.9	+ 169				ENE off Miyako, Iwate prefecture.											
				S	14	57	11.4																
				MN	14	57	50.7																
				ME	14	57	54.8																
				C	14	59	15.1																
				F	15	01	30.0																
432	Numadu	" 18	0	eP	21	53	4.3	+ 165				Ditto											
				S	21	54	48.6																
				MN	21	55	22.3																
				ME	21	56	33.8																
				C	21	58	0.0																
				F	22	05	10.0																
	Itô	" 18	0	P	21	53	14.7					Ditto											
				S	21	54	44.7																
				F	22	07	0.0																
	Gotenba	" 18	0	eP	21	53	13.7	- 520				Ditto											
				S	21	54	23.0																
				MN	21	54	58.9																
				ME	21	54	50.4																
				C	21	57	19.6																
				F	22	05	40.0																
	Ômiya	" 18	0	P	21	53	5.0	+ 195				Ditto											
				S	21	54	5.0																
				MN	21	55	51.5																
				ME	21	57	28.5																
				C	21	57	2.0																



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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre
					C. M. T.			AN	AE	AZ	Period	
					h	m	s					
433	Numadu	Oct. 19	0	F	21	58	40.0					Ditto.
				e	0	53	34.5					
				S	0	54	59.9					
				MN	0	55	21.8	-	25		1.7	
				ME	0	55	21.8		-	35	2.0	
				C	0	58	0.8					
	F	1	01	40.0								
	Itô	" 19	0	P	0	53	36.7					
				S	0	55	1.7					
				F	1	05	30.0					
	Gotenba	" 19	0	e	0	53	46.8					
				F	0	59	50.0					
	Ômiya	" 19	0	eP	0	53	28.8					
				S	0	55	1.7					
				MN	0	55	37.3	+	18			
ME				0	54	27.1		+	98			
C				0	54	40.7						
F				0	56	20.0						
434	Numadu	" 19	0	e	2	40	39.5				NE off Miyako.	
				S	2	42	10.0					
				MN	2	42	26.1	+	41			2.2
				ME	2	42	31.1		-	54		1.7
				C	2	46	10.0					
				F	2	49	10.0					
	Itô	" 19	0	P	2	40	37.5					
				S	2	42	3.5					
				F	2	50	50.0					
	Gotenba	" 19	0	e	2	40	34.7					
				F	2	53	0.0					
	Ômiya	" 19	0	P	2	40	44.8					
				S	2	42	23.6					
				MN	2	43	42.6	+	50			
				ME	2	42	38.2		+	80		
C				2	43	17.0						
F				2	44	10.0						
435	Numadu	" 19	0	e	6	39	26.9				Ditto.	
				F	6	44	10.0					
436	Gotenba	" 19	0	e	6	39	54.6				?	
				F	6	42	20.0					
437	Itô	" 20	0	P	11	06	20.8				Itô.	
				S	11	06	24.5					
				F	11	07	20.0					
438	Itô	" 20	0	e	11	38	45.3				Neighbourhood of Mt. Tukuba.	
				F	11	39	20.0					
439	Gotenba	" 23	0	e	11	22	36.8				Valley of the R, Dosi, Yamanasi prefecture.	
				F	11	23	40.0					
440	Itô	" 23	0	P	18	27	53.2				Neighbourhood of Tiba.	
				S	18	28	4.0					
				F	18	29	50.0					
441	Gotenba	" 23	0	e	18	27	49.0				NE off Miyako, Iwate prefecture.	
				F	18	30	40.0					
441	Gotenba	" 25	0	P	18	27	57.9				NE off Miyako, Iwate prefecture.	
				S	18	28	11.9					
				F	18	29	10.0					

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre	
					G. M. T.			AN	AE	AZ	Period		
					h	m	s						μ
				F	10	25	20.0						
442	Ômiya	Oct. 28	0	e	6	36	5.0					?	
				F	6	41	10.0						
443	Numadu	〃 30	0	e	2	05	49.2					S off the cape of Erimo, Hokkaidô.	
				S	2	07	10.9						
				C	2	10	16.8						
				F	2	14	10.0						
	Itô	〃 30	0	e	2	06	18.3						
				S	2	07	2.7						
				F	2	11	10.0						
	Gotenba	〃 30	0	e	2	05	39.5						
				F	2	13	20.0						
444	Numadu	〃 30	0	e	2	30	46.8						Off the cape of Inubô.
				F	2	33	40.0						
	Itô	〃 30	0	e	2	30	41.6						
				F	2	31	40.0						
	Gotenba	〃 30	0	e	2	30	38.5						
				F	2	32	20.0						
445	Itô	〃 30	0	e	4	04	11.0					SE off Katura, Tiba prefecture.	
				F	4	05	20.0						
446	Numadu	〃 30	0	e	16	39	52.2					Off Miyako, Iwate prefecture.	
				F	16	43	30.0						
	Itô	〃 30	0	e	16	40	37.7						
				F	16	49	0.0						
447	Numadu	〃 30	0	e	19	45	26.8					Wakanoura Bay.	
				F	19	47	20.0						
448	Numadu	〃 30	0	e	20	03	19.9					Off Miyako.	
				F	20	07	30.0						
449	Numadu	Nov. 1	0	e	22	40	24.2					?	
				F	22	55	20.0						
450	Itô	〃 8	0	eP	7	43	26.0					The R. Tama.	
				F	7	44	10.0						
451	Numadu	〃 10	0	e	1	15	26.6					N part of Kudyukurihama coast.	
				S	1	15	45.2						
				F	1	19	30.0						
	Itô	〃 10	0	eP	1	16	33.0						
				F	1	19	40.0						
452	Numadu	〃 10	0	e	3	30	48.9					Ditto.	
				S	3	31	8.5						
				F	3	33	20.0						
453	Numadu	〃 10	0	eS	8	18	55.3					Off Hatidyô island.	
				F	8	21	20.0						
454	Gotenba	〃 11	0	e	18	58	47.0					Off Sanriku coast.	
				F	19	01	10.0						
	Ômiya	〃 11	0	P	18	58	52.1						
				S	18	59	4.8						
				F	19	00	20.0						
455	Numadu	〃 11	I	eP	23	53	48.6	- 5	+ 3			NE off Itô, Siduoka prefecture.	
				S	23	53	53.2						
				MN	23	54	5.9	+ 45			0.8		
				ME	23	53	54.1		- 78		0.8		
				C	23	55	50.1						
				F	23	57	40.0						

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre		
					g.	m.	s.	AN	AE	Az	Period			
					h	m	s	"	"	"	s			
	Itô	Nov. 11	II	iP	23	54	10.8	+ 725	- 725					
				S	23	54	14.1							
				MN	23	54	14.4							
				ME	23	54	14.4							
				F	23	57	40.0							
	Gotenba	" 11	0	e	23	54	15.3							
				F	23	57	30.0							
	Ômiya	" 11	I	P	23	54	19.7	+ 57	+ 60					
				S	23	54	28.8							
				MN	23	54	28.8							
				ME	23	54	28.8							
				F	23	55	20.0							
456	Gotenba	" 12	0	e	8	35	32.1						?	
				F	8	37	0.0							
457	Numadu	" 13	0	e	20	05	25.7						The Bay of Yoshihama, Iwate	
				F	20	09	10.0						prefecture.	
	Itô	" 13	0	eP	20	05	31.1							
				F	20	06	0.0							
	Gotenba	" 13	0	e	20	05	16.2							
				F	20	09	0.0							
458	Itô	" 13	0	eP	20	05	58.0						?	
				F	20	07	40.0							
459	Numadu	" 14	0	e	7	14	51.6						?	
				F	7	18	20.0							
460	Ômiya	" 15	0	eP	3	41	8.1						?	
				F	3	42	10.0							
461	Numadu	" 15	0	e	9	58	4.5						S off Kinkasan island.	
				S	9	59	2.1							
				ME	9	59	3.5		+ 41		2.2			
				F	9	03	20.0							
	Itô	" 15	0	P	9	58	17.0							
				S	9	58	53.7							
				F	10	01	40.0							
	Gotenba	" 15	0	e	9	58	3.8							
				F	10	03	0.0							
	Ômiya	" 15	0	P	9	58	2.8	+ 30	+ 60					
				S	9	58	50.2							
				MN	9	59	5.2							
				ME	9	59	23.7							
				F	10	00	50.0							
462	Numadu	" 15	0	e	17	07	0.1						Neighbourhood of	
				S	17	07	15.3						Kasumigaura.	
				F	17	10	20.0							
	Itô	" 15	0	P	17	07	2.4							
				F	17	08	30.0							
	Gotenba	" 15	0	e	17	07	1.3							
				F	17	11	10.0							
463	Numadu	" 18	0	e	5	43	59.8						E off the cape of Inubô.	
				F	5	50	0.0							
	Itô	" 18	0	eP	5	44	24.8							
				S	5	44	42.3							
				F	5	47	30.0							
	Gotenba	" 18	0	e	5	44	30.0							
				F	5	48	30.0							

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre	
					G.	M.	T.	AN	AE	Az	Period		
					h	m	s	μ	μ	μ	s		
464	Gotenba	Nov. 18	0	e F	22	38	22.1					E off the Mouth of the R. Mabuti.	
465	Numadu	" 19	I	iP	17	44	50.6	- 5	+ 9	+ 13		Middle valley of the R. Oi.	
				S	17	44	59.5				2.6		
				MN	17	45	6.9	+ 8			1.0		
				ME	17	45	0.1		+ 48				
				C	17	46	48.4						
Itô	" 19	0	eP	17	44	49.7							
			S	17	45	0.9							
			F	17	46	19.7							
Gotenba	" 19	0	e	17	44	50.1							
			F	17	49	30.0							
Ômiya	" 19	0	P	17	44	42.3							
			S	17	44	52.0							
			MN	17	45	15.0	+ 107						
			ME	17	45	15.0		+ 80					
			C	17	45	39.6							
466	Numadu	" 20	0	eP	21	50	54.3					SE off the cape of Inubô.	
				S	21	51	10.3				1.8		
				MN	21	51	53.3	- 44			1.8		
				ME	21	52	4.2		- 44				
				C	21	53	15.4						
Itô	" 20	0	eP	21	50	53.4							
			S	21	51	10.5							
			F	21	53	54.0							
Gotenba	" 20	0	e	21	51	24.0							
			F	21	57	30.0							
467	Numadu	" 21	0	e	8	44	4.3					SE off the cape of Ottisi.	
				F	8	49	50.0						
468	Numadu	" 21	0	e	20	00	47.8					N Part of Kasimanada.	
				S?	20	01	29.3						
				F	20	05	50.0						
Itô	" 21	0	eP	20	00	48.0							
			S	20	01	16.7							
			F	20	03	20.0							
Gotenba	" 21	0	e	20	00	45.9							
			F	20	06	10.0							
469	Numadu	" 24	0	e	2	30	11.4					Lower valley of the R. Hidaka, Wakayama prefecture.	
				F	2	32	30.0						
Ômiya	" 24	0	e	2	30	0.0							
			F	2	32	0.0							
470	Numadu	" 25	0	eP	4	19	10.8					N part of Kudyukurihama coast.	
				S	4	19	31.8						
				MN	4	20	5.7	- 52			1.1		
				ME	4	20	0.2		- 68		1.1		
				C	4	21	14.5						
Itô	" 25	0	P	4	19	8.2							
			S	4	19	29.2							
			ME	4	19	56.9		± 44		1.0			
			F	4	22	10.0							
Gotenba	" 25	0	e	4	19	12.1							
			F	4	25	30.0							
Ômiya	" 25	0	P	4	19	12.7							
			S	4	19	26.8							

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre	
					G.	M.	T.	AN	AE	Az	Period		
					h	m	s	$\mu$	$\mu$	$\mu$	s		
471	Numadu	" 28	0	MN	4	20	20.9	+ 86					Neighbourhood of Hukuti, Yamnasi prefecture.
				ME	4	19	57.4		+ 86				
				C	4	21	5.6						
				F	4	21	50.0						
	Itô	" 28	0	eP	3	12	8.3			- 10			
				S	3	12	14.1						
				MN	3	12	16.7	+ 22			0.8		
				ME	3	12	18.0		- 18		0.8		
				C	3	13	50.0						
				F	3	16	30.0						
	Gotenba	" 28	III	iP	3	13	0.0						
				(Time is inaccurate)									
Ômiya	" 28	II	P	3	12	8.1							
			S	3	12	14.3							
			MN	3	12	14.3	+ 289						
			ME	3	12	14.3		+ 320					
			C	3	13	24.7							
			F	3	14	10.0							
472	Numadu	Dec. 3	0	e	7	05	16.2					Lower valley of the R. Tama.	
				F	7	07	20.0						
	Itô	" 3	0	e	7	05	19.5						
				F	7	06	20.0						
	Gotenba	" 3	0	e	7	05	17.1						
				F	7	07	0.0						
473	Numadu	" 3	0	P	16	17	7.8					Neighbourhood of Tateno, Ibaraki prefecture.	
				S	16	17	23.5						
				MN	16	17	43.9	+ 34			1.7		
				ME	16	17	30.0		+ 35		1.7		
				C	16	19	49.0						
				F	16	22	10.0						
	Itô	" 3	0	P	16	17	10.5						
				S	16	17	25.5						
				MN	16	17	26.5	- 63			0.8		
				ME	16	17	26.5		- 60		0.8		
				F	16	19	20.0						
Gotenba	" 3	0	e	16	17	14.3							
			F	16	22	20.0							
474	Itô	" 3	0	P	17	48	16.2					ESE off the cape of Nasappu, Hokkaidô.	
				F	17	49	50.0						
	Gotenba	" 3	0	e	17	48	4.8						
				F	17	51	20.0						
Ômiya	" 3	0	e	17	48	?							
				(Time is inaccurate)									
475	Itô	" 5	0	eP	9	36	50.1					N part of Tôkyô Bay.	
				F	9	37	30.0						
476	Numadu	" 6	0	e	2	25	57.4					Off Urakawa, Hokkaidô.	
				F	2	29	50.0						
477	Numadu	" 6	0	e	4	04	21.3					Off Miyako.	
				F	4	07	20.0						
478	Gotenba	" 10	0	e	9	16	7.7					?	

[1935]



No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude			Epicentre	
					g. m. t.			AN	AE	Az		Period
					h	m	s	μ	μ	μ		s
479	Numadu	Dec. 10	0	F	9	17	10.0					ENE off of the Cape of Inubō.
				e	23	53	6.6					
				S?	23	53	27.9					
				MN	23	54	27.1	+ 63			1.4	
				ME	23	54	26.5		+ 46		1.4	
				C	23	58	23.8					
	F	0	00	50.0								
	Itō	〃 10	0	P	23	53	16.8					
				S	23	53	35.5					
				F	23	56	0.0					
	Gotenba	〃 10	0	e	23	53	14.2					
				F	23	58	20.0					
	Ōmiya	〃 10	0	P	23	54	15.5					
				S	23	54	54.8					
				MN	23	55	15.8	+ 40				
ME				23	55	13.3		+ 40				
C				23	56	0.8						
F				23	58	0.0						
480	Itō	〃 11	0	P	15	18	15.7				Tōkyō Bay.	
				S	15	18	29.4					
				ME	15	18	30.7	- 75				1.2
				MN	15	18	30.7		± 75			1.2
				F	15	20	0.0					
	Gotenba	〃 11	0	e	15	17	44.3					
				F	15	20	34.9					
	Ōmiya	〃 11	0	P	15	18	49.9					
				S	15	19	4.6					
				MN	15	19	5.6	+ 37				
ME				15	19	5.6		+ 35				
F				15	19	39.6						
481	Numadu	〃 14	0	e	1	49	40.0				Uncertain.	
				F	1	57	0.0					
Itō	〃 14	0	eP	1	49	41.0						
			F	1	51	40.0						
482	Itō	〃 14	0	P	12	50	41.8				S off Titi island.	
				F	12	53	10.0					
Gotenba	〃 14	0	e	12	50	52.0						
			F	13	02	10.0						
483	Itō	〃 14	0	P	12	53	18.0				?	
				F	12	57	0.0					
Ōmiya	〃 14	0	P	12	42	0.0?						
			F	21	46	50.0						
484	Gotenba	〃 14	0	e	13	09	53.7				?	
				F	13	13	30.0.					
485	Numadu	〃 15	0	e	7	16	55.0				Distant earthquake.	
				S	7	23	52.3					
				F	8	10	10.0					
	Itō	〃 15	0	P	7	16	51.3					3.7
				S	7	24	11.3					6.2
				L	7	30	47.6					15.0
				F	8	01	40.0					
	Gotenba	〃 15	0	e	7	16	53.8					
				F	8	05	30.0					
	Ōmiya	〃 15	0	P	7	14	48.0					
				S	7	15	52.8					
				MN	7	15	54.0	+ 20				



[1935]

No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre
					c. m. t.			AN	AE	AZ	Period	
					h	m	s					
486	Numadu	Dec. 15	0	ME	7	15	54.0		+ 20			E off the cape of Sioya.
				F	7	45	0.0					
	e	19	38	29.8								
	F	19	40	50.0								
Gotenba	" 15	0	e	19	38	7.9						
			F	19	41	0.0						
487	Numadu	" 17	0	eP	19	21	31.7					S off Miyako island.
				S	19	24	44.1					
				F	19	51	20.0					
	Itô	" 17	0	P	19	21	34.7					
S				19	23	38.5						
Gotenba	" 17	0	L	19	25	2.2	- 136				5.0	
			MN	19	25	17.2						
			F	19	39	30.0						
			P	19	21	36.9						
			S	19	25	2.3						
			MN	19	25	24.0						
488	Numadu	" 19	0	ME	19	25	9.0	- 255				SE off Kinkasan island.
				C	19	27	38.4					
				F	19	40	0.0					
				P	19	25	24.0					
Itô	" 19	0	S	5	27	31.7	+ 30					
			P	5	27	34.7						
			F	5	30	30.0						
			MN	5	29	0.0						
			ME	5	28	47.5						
			C	5	29	58.9						
489	Numadu	" 20	0	P	5	27	31.7	- 63				N part of the Kasimanada
				S?	5	48	4.3					
				MN	5	48	23.9					
				ME	5	49	27.3					
				C	5	50	32.6					
				F	5	53	20.0					
Itô	" 20	0	P	5	47	25.5						
			S	5	47	40.5						
			ME	5	47	50.5						
			F	5	53	20.0						
490	Itô	" 20	0	P	11	30	33.2					N off Hatidyô island.
				S	11	30	54.4					
				F	11	32	30.0					
491	Gotenba	" 20	0	e	16	22	37.2					?
				F	16	25	0.0					
492	Gotenba	" 21	0	e	6	57	35.3					?
				F	7	00	10.0					
493	Numadu	" 22	0	e	10	56	49.2					SSE off the cape of Erimo.
				F	11	02	0.0					
Gotenba	" 22	0	e	10	56	29.4						
			F	11	01	10.0						
494	Numadu	" 23	0	e	0	29	39.3					Neighbourhood of Ohara, Aiti prefecture.
				S	0	29	58.2					
				ME	0	30	17.4					
				C	0	31	48.1					
				F	0	33	50.0					
				+ 31	1.4							
Itô	" 23	0	P	0	29	41.5						
			S	0	30	1.5						



No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre	
					G. M. T.			AN	AE	Az	Period		
					h	m	s	$\mu$	$\mu$	$\mu$	s		
				F	0	32	0.0						
	Gotenba	Dec. 23	0	e	0	29	42.0						
				F	0	33	10.0						
	Ômiya	" 23	0	P	0	29	36.5						
				S	0	29	51.5						
				MN	0	29	57.0	+ 52					
				ME	0	29	59.6		+ 55				
				C	0	30	17.3						
				F	0	31	10.0						
495	Gotenba	" 24	0	e	9	20	28.8						?
				F	9	21	50.0						
496	Numadu	" 28	0	eP	2	44	36.0						Distant earthquake.
				S	2	51	48.8						
				L?	2	55	44.1						
				F	2	49	10.0						
	Itô	" 28	0	P	2	44	38.0						
				S	2	51	58.0						
				L	3	01	58.0						
				F	3	30	0.0						
	Gotenba	" 28	0	e	2	44	34.8						
				F	3	23	0.0						
	Ômiya	" 28	0	P	2	44	35.3						
				S?	2	44	51.8						
				MN	2	44	57.7	+ 16					
				ME	2	44	56.4		+ 15				
				C	2	45	0.1						
				F	2	45	50.0						
497	Numadu	" 28	0	e	4	09	8.6						Off the caqe of Sioya.
				F	4	14	10.0						
	Gotenba	" 28	0	e	4	09	8.9						
				F	4	14	0.0						
	Ômiya	" 28	0	P	4	09	46.9						
				S	4	10	8.4						
				MN	4	10	31.0	+ 17					
				ME	4	10	20.9		+ 23				
				C	4	10	35.5						
				F	4	12	0.0						
498	Gotenba	" 28	0	e	7	26	17.0						?
				F	7	27	50.0						
499	Gotenba	" 28	0	e	7	33	46.3						?
				F	7	35	30.0						
500	Gotenba	" 29	0	e	19	33	41.3						?
				F	19	35	40.0						

ERRATA

P. 7 — P. 18, For <sup>y</sup>AE read AN, and vice versa.

(THE END)

昭和十一年三月二十五日印刷

昭和十一年三月二十七日發行

發行所 靜岡縣沼津測候所

沼津市鷗町一八四番地

印刷所 藤井印刷所

沼津市鷗町一八四番地

印刷人 小池清五