

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

Vol. VI

**1936**

Published by  
The Numadu Meteorological Observatory

**NUMADU, JAPAN**

**1937**

ERRATA

page	line	for	read
5	39		+ 10
5	41	+ 10	
6	2	f	of
6	3	Prefectore	Prefecture
6	4	u	
7	25	Ky to	Kyôto
18	53	Hatizyu	Hatizyô
19	21	Near of	Near
20	33	Smatra	Sumatra
25	19	Kuduryô	Kuduryu
34	57	housed	houses
38	35	shnck	shock

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# CONSTANTS

## THE NUMADU OBSERVATORY

Geophysical co-ordinates of the observatory:-

Latitude  $\varphi = 35^{\circ} 06' N$

Longitude  $\lambda = 138^{\circ} 51' E$  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	$T^{\circ}$	$\xi$	$\frac{r}{T^2}$
Jan. 13 1936	Wiechert horizontal Seismograph 200kg.	N	73	3.0	4	0.04
		E	73	3.7	7	0.03
	Wiechert vertical Seismograph 80kg.	Z	52	3.6	8	0.03
Mar. 3 1936	"	N	73	3.1	4	0.01
		E	66	3.5	7	0.02
		Z	52	3.6	8	0.03
July. 18 1936	"	N	50	3.9	5	0.04
		E	71	3.7	7	0.02
		Z	29	5.7	5	0.05
Sept. 6 1936	"	N	50	4.5	5	0.03
		E	71	3.7	7	0.01
		Z	33	5.7	5	0.05
Oct. 26 1936	"	N	64	4.1	5	0.03
		E	56	4.7	8	0.02
		Z	38	6.5	4	0.01
Nov. 13 1936	"	Z	57	5.1	7	0.01
	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	5.1	8	0.01
		E	40	6.7	8	0.01
	Omori's horizontal Seismograph. 16kg.	N	20	20.0	4	0.01
		E	20	10.0	3	0.02

Where  $V =$  Magnification;  $T_o =$  Proper period;  $\xi =$  Damping coefficient;  
 $\frac{r}{T^2} =$  Coefficient of friction.

# CONSTANTS

## THE ITÔ STATION

Co-ordinates of the station:-

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

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

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

Altitude:- 2.2 meters above mean sea level.

Foundation:- Alluvium, sand.

### CONSTANTS OF THE SEISMOGRAPH

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

## THE GOTENBA STATION

Co-ordinates of the station:-

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

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

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

Altitude:- About 450 meters above mean sea level.

### CONSTANTS OF THE SEISMOGRAPH

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

## THE ÔMIYA STATION

Co-ordinates of the station:-

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

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

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

Altitude:- About 125 meters above mean sea level.

### CONSTANTS OF THE SEISMOGRAPH

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

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.

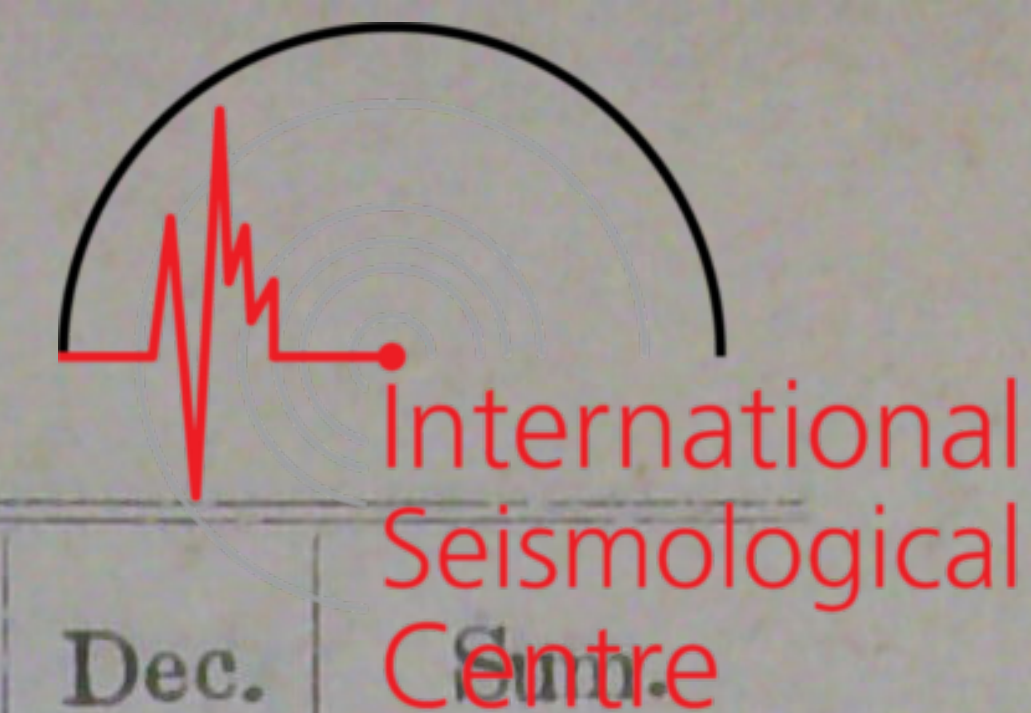
A. Amplitude of the earth motion in microns, + motion towards east, north, or zenith, - motion toward west, south, or nadir.

AE. E—W component of A.

AN. N—S component of A.

AZ. Vertical component of A.

# Number of Earthquakes Classified by the Intensity



Station \ Intensity		Month	Jan.	Feb.	Mar.	Apr.	May.	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
Numadu	unfelt		10	12	10	12	7	21	21	11	26	27	35	52	244	
	felt	I	0	0	0	0	0	0	0	0	0	1	0	0	3	4
		II	0	0	0	0	0	0	0	0	0	0	1	0	1	2
		III	0	0	0	0	0	0	0	0	0	0	1	2	0	3
		sum.	0	0	0	0	0	0	0	0	0	1	3	2	4	10
Total sum.		10	12	10	12	7	21	21	11	27	30	37	56	254		
Itô	unfelt		8	8	6	11	8	11	7	5	5	15	8	42	134	
	felt	I	0	1	1	0	0	0	0	0	0	0	2	0	1	5
		II	0	1	0	0	0	0	0	0	0	0	0	0	3	4
		III	0	0	0	0	0	0	0	0	1	2	1	1	0	4
		sum.	0	2	1	0	0	0	0	0	1	5	2	2	5	16
Total sum.		8	10	7	11	8	11	7	5	6	20	10	47	150		
Gotenba	unfelt		17	8	9	6	1	14	9	4	13	18	21	25	145	
	felt	I	0	0	0	1	0	0	0	0	0	1	0	0	1	3
		II	0	0	0	0	0	0	0	0	0	0	1	0	1	2
		III	0	0	0	0	0	0	0	0	0	0	1	2	0	3
		sum.	0	0	0	1	0	0	0	0	0	1	2	2	2	8
Total sum.		17	8	9	7	1	14	9	4	14	20	23	27	153		
Omiya	unfelt		8	5	4	3	0	10	4	2	4	9	9	11	69	
	felt	I	0	0	0	0	0	0	0	0	0	1	0	0	1	2
		II	0	0	0	0	0	0	0	0	0	0	1	0	1	2
		III	0	0	0	0	0	0	0	0	0	2	1	0	3	
		sum.	0	0	0	0	0	0	0	0	0	3	2	2	8	
Total sum.		8	5	4	3	0	10	4	2	5	12	11	13	77		
Number of earthquakes registered at our Stations		felt	0	2	1	1	0	0	0	0	1	6	2	5	18	
		unfelt	23	14	14	13	13	27	21	12	28	30	39	62	296	
		Total sum.	23	16	15	14	13	27	21	12	29	36	41	67	314	

We experienced Two Remarkable Earthquakes in this year. As follows:

1. One of them occurred to SSE off the cape of Nozima in Tiba Prefecture at 15<sup>h</sup> 31<sup>m</sup> G. M. T on Oct. 25d. Though strong shocks were observed at Numadu and Itô stations, no damages happened, as the epicentre was not in the land.
2. Other occurred to NW off Niizima, one of Idu Islands, at 0<sup>h</sup> 15<sup>m</sup> G. M. T. on Dec. 27d. We felt moderate at Numadu and strong shocks at Itô, but not a little amount of damages was inflicted at Niizima and Sikinesima owing to this earthquake.

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre
					C. M. T.			AN	AE	Az	Period	
					h	m	s	μ	"	"	s	
1	Itô	Jan. 1	0	P F	18 48 15.5 18 50 40.0							Valley of the R. Arita.
2	Numadu	" 5	0	eP eS F	22 44 59.0 22 45 1.2 22 45 40.0							Misima, Siduoka Prefecture.
3	Numadu	" 6	0	e F	5 22 23.0 5 25 30.0							Kasimanada.
	Gotenba	" 6	0	e F	5 22 8.8 5 23 46.0							
4	Gotenba	" 6	0	e F	10 06 32.3 10 07 55.2							?
5	Ômiya	" 6	0	P S MN ME C F	22 44 53.9 22 44 55.5 22 44 56.2 22 44 56.2 22 45 4.0 22 45 22.0	+ 30		+ 30				Misima, Siduoka Prefecture.
6	Numadu	" 7	0	eP S F	19 34 37.3 19 35 0.8 19 37 30.0							Neighbourhood of Kyôto.
	Gotenba	" 7	0	e F	19 34 31.2 19 37 10.2							
7	Gotenba	" 8	0	e F	7 35 53.6 7 36 43.4							?
8	Ômiya	" 8	0	P S MN ME C F	10 07 39.1 10 07 48.5 10 07 48.5 10 07 48.5 10 07 54.4 10 08 7.3	+ 10		+ 10				Misima, Siduoka Prefecture.
9	Itô	" 8	0	P S F	11 34 49.5 11 34 53.7 11 35 50.0							Neighbourhood of Kanuma, Totigi Prefecture.
	Gotenba	" 8	0	e F	11 34 55.7 11 36 57.2							
	Ômiya	" 8	0	e S ME MN C F	11 34 42.7 11 35 1.5 11 35 2.7 11 35 4.3 11 35 13.0 11 36 5.8	+ 12		+ 10				
10	Itô	" 8	0	P F	22 22 20.2 22 23 1.2							Isinomaki Bay, Miyagi Prefecture.
	Gotenba	" 8	0	e F	22 22 13.1 22 26 11.5							
11	Gotenba	" 9	0	e F	1 55 9.5 1 56 47.8							?
12	Numadu	" 13	0	e F	4 55 1.8 4 58 10.0							Neighbourhood of Tatiyama, Toyama Prefecture.
	Gotenba	" 13	0	e F	4 55 5.5 4 59 16.0							
13	Numadu	" 15	0	e F	3 49 32.6 3 52 15.8							Off the mouth of the R. Kuzi Ibaraki Prefecture.
	Gotenba	" 15	0	e F	3 49 21.7 3 52 48.0							



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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	
14	Numadu	Jan. 17	0	e	21	18	22.8					SW part of Ibaraki Prefecture.
				S	21	18	34.5					
				F	21	21	10.0					
	Itô	" 17	0	P	21	18	22.3					u
				S	21	18	39.8					
				F	21	19	40.0					
	Gotenba	" 17	0	e	21	18	24.5					
				F	21	21	23.3					
15	Numadu	" 20	0	e	17	02	13.0					SE off Mindanao.
				F	17	14	40.0					
	Itô	" 20	0	P	17	03	38.3					
				F	17	10	0.0					
	Gotenba	" 20	0	e	17	02	55.5					
				F	17	19	50.6					
16	Numadu	" 22	0	eP	9	41	52.1					Kumanonada ?
				S	9	41	58.1					
				F	9	43	20.0					
	Itô	" 22	0	P	9	41	46.3					
				S	9	41	52.5					
				F	9	42	25.0					
	Gotenba	" 22	0	e	9	41	39.8					
				F	9	43	48.6					
	Ômiya	" 22	0	P	9	41	40.4					
				S	9	41	47.3					
				M <sub>N</sub>	9	41	47.3	+ 40				
				M <sub>E</sub>	9	41	50.8		+ 27			
				C	9	41	49.6					
				F	9	42	15.0					
17	Gotenba	" 23	0	e	9	41	50.3					Wakayama.
				F	9	45	1.7					
18	Ômiya	" 24	0	P	16	23	19.2					Hunatu, Yamanashi Prefecture.
				S	16	23	23.7					
				M <sub>N</sub>	16	23	23.7	+ 10				
				M <sub>E</sub>	16	23	23.7		+ 12			
				C	16	23	29.4					
				F	16	23	35.1					
19	Itô	" 28	0	P	3	36	55.2					Mouth of the R. Edo.
				F	3	37	16.0					
20	Numadu	" 28	0	e	18	48	21.2					?
				F	18	51	10.0					
	Gotenba	" 28	0	e	18	48	19.2					
				F	18	52	5.6					
	Ômiya	" 28	0	P	18	48	22.2					
				S	18	48	39.8					
				M <sub>E</sub>	18	48	41.5		+ 50			
				M <sub>N</sub>	18	48	46.9	+ 35				
				C	18	49	3.4					
				F	18	50	0.0					
21	Numadu	" 29	0	eP	1	28	27.7					Kuzuyukurihama.
				S	1	28	46.8					
				M <sub>N</sub>	1	29	30.1	+ 116			1.9	
				C	1	30	26.9					
				F	1	34	20.0					
	Itô	" 29	0	P	1	28	26.3	+ 3	+ 3			
				S	1	28	46.3					
				M <sub>E1</sub>	1	28	47.5		- 70		1.0	
				M <sub>E2</sub>	1	28	55.0		- 75		1.0	
				M <sub>N1</sub>	1	28	57.5	+ 100			1.0	

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre
					G. M. T.			AN	AE	Az	Period	
					h	m	s	$\mu$	$\mu$	s	s	
				ME3	1	29	3.8		+ 63		1.0	
				MN2	1	29	6.3	- 65			0.8	
				CN	1	30	3.8	+ 36			2.0	
				CE	1	30	23.8		+ 25		2.0	
				F	1	33	10.0					
	Gotenba	Jan. 29	0	e	1	28	20.0					
				F	1	38	17.0					
	Ômiya	" 29	0	P	1	28	26.0					
				S	1	28	44.8					
				ME	1	29	2.4		+ 95			
				MN	1	29	26.4	+ 115				
				C	1	29	58.6					
				F	1	30	44.5					
22	Gotenba	" 29	0	e	4	09	45.4					Neighbourhood of Miyake Island.
				F	4	11	57.0					
	Ômiya	" 29	0	P	4	09	24.7					
				S	4	09	37.6					
				ME	4	09	38.8		+ 12			
				MN	4	09	44.7	+ 10				
				C	4	09	54.1					
				F	4	10	11.7					
23	Gotenba	" 29	0	e	18	29	49.6					SE off the cape of Iriya.
				F	18	33	19.6					
24	Numadu	Feb. 5	0	e	7	11	14.4					Neighbourhood of Ky to.
				F	7	14	20.0					
25	Numadu	" 6	0	e	8	18	34.1					E off Idu Ōsima Island.
				S	8	18	41.6					
				F	8	20	20.0					
	Itô	" 6	II	P	8	19	31.9					
				S	8	19	36.9					
				MN	8	19	37.4	+ 83				
				ME	8	19	39.4		+ 133			
				CE	8	19	56.9		+ 25		1.0	
				CN	8	20	4.4	- 25			1.0	
				F	8	20	31.9					
	Gotenba	" 6	0	e	8	19	37.3					
				F	8	21	18.9					
	Ômiya	" 6	0	P	8	19	37.2					
				S	8	19	49.2					
				MN	8	19	50.4	+ 7				
				ME	8	19	50.4		+ 7			
				C	8	20	2.4					
				F	8	20	20.1					
26	Ômiya	" 6	0	P	13	35	34.6					Aomori.
				S	13	35	39.4					
				MN	13	35	39.4	+ 25				
				ME	13	35	39.4		+ 25			
				C	13	35	44.9					
				F	13	36	0.0					
27	Numadu	" 7	0	e	9	01	30.2					Distant earthquake
				S	9	11	22.5					E part of Tibet.
				F	9	30	?					
	Itô	" 7	0	P	9	01	48.0					
				S	9	12	31.7					
				L	9	14	55.5					
				F	9	25	20.0					
	Gotenba	" 7	0	e	9	02	0.6					
				F	9	30	58.9					
28	Numadu	" 8	0	e	12	28	55.5					Distant earthquake.
				S	12	24	56.1					



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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre	
					h	m	s	AN	AK	Az	Period		
					g.	m.	t.	μ	μ	μ	s		
29	Numadu	Feb. 10	0	F	12	40	10.0						Ditto.
				e	2	14	42.5						
				S	2	22	53.5						
				F		?							
30	Itô	7 10	0	P	7	08	24.2						Itô.
				S	7	08	26.2						
				M <sub>N</sub>	7	08	26.5	- 35				1.0	
				F	7	08	53.0						
31	Itô	7 10	0	P	18	15	39.9						Distant eapthquake.
				F	18	16	20.0						
32	Numadu	7 10	0	e	22	04	26.9						Isioka, Ibaraki Prefecture.
				S	22	04	49.8						
				F	22	08	20.0						
	Itô	7 10	0	P	22	04	26.8						
				S	22	04	40.6						
				M <sub>N</sub>	22	04	46.8	+ 40				1.5	
				M <sub>E</sub>	22	04	51.8		+ 40				
				F	22	06	10.0						
33	Numadu	7 12	0	e	20	23	33.6						S off Titizima Island.
				S?	20	25	42.3						
				F	20	30	0.0						
	Itô	7 12	0	P	20	23	41.5						
				F	20	25	30.0						
	Gotenba	7 12	0	e	20	25	31.1						
				F	20	29	29.2						
34	Numadu	7 15	0	e	12	54	37.3						Distant earthquake.
				S?	13	03	53.1						
				F	13	35	0.0						
	Itô	7 15	0	P	12	54	53.7						
				S	12	56	5.0						
				L	13	03	40.0						
				F	13	21	20.0						
	Gotenba	7 15	0	e	12	54	48.2						
				F	13	36	3.6						
35	Numadu	7 21	0	eP <sub>N</sub>	1	08	36.6						S foot of Mt. Nizyô.
				eP <sub>Z</sub>	1	08	35.3						(135°40' E 34°30' N)
				S <sub>N</sub>	1	09	19.6						The Boundary between Ôsaka
				S <sub>Z</sub>	1	09	19.8						and Nara Prefecture.
				M <sub>N</sub>	1	09	30.3	-1250			1.8		Destructive earthquake 8 men
				M <sub>E</sub>	1	10	1.8		+1610		2.4		killed instantly and 40 persons
				M <sub>Z</sub>	1	09	49.3			+ 304	1.6		were seriously injured, and
				C	1	12	36.5						crushed down 101 houses.
				F	1	22	20.0						
	Itô	7 21	I	iP	1	08	42.8	- 6	+ 11			2.0	
				S	1	09	25.0						
				M <sub>E</sub>	1	09	36.5		- 275			2.0	
				M <sub>N</sub>	1	09	52.5	+ 275				2.0	
				C <sub>E</sub>	1	12	25.3		- 100			3.7	
				C <sub>N</sub>	1	12	32.8	+ 50				2.5	
				F	1	24	40.0						
	Gotenba	7 21	0	iP	1	08	48.7						
				S	1	09	30.8						
				M <sub>E</sub>	1	09	48.7		-1275				
				M <sub>N</sub>	1	10	6.5	+1625					
				C	1	13	53.5						
				F	1	24	54.1						
	Ômiya	7 21	0	P <sub>E</sub>	1	08	41.3						
				S	1	09	14.8						
				M <sub>E</sub>	1	09	28.7		+1200				

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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	
36	Numadu	Feb. 21	0	C	1	14	8.1					Aftershock of No. 35.
				F	1	16	0.0					
37	Numadu	" 21	0	eP	2	11	3.9					Ditto.
				F	2	14	50.0					
37	Itô	" 21	0	S	4	05	30.4					
				F	4	06	12.7					
				F	4	09	50.0					
37	Gotenba	" 21	0	P	4	05	36.5					
				S	4	06	17.7					
				F	4	07	40.0					
37	Ômiya	" 21	0	e	4	05	36.3					
				F	4	09	3.0					
				P	4	05	25.1					
38	Numadu	" 21	0	S	4	06	5.1					Neighbourhood of Hunatu, Yamanasi Prefecture.
				MN	4	06	10.9					
				ME	4	06	10.9	+ 66				
				C	4	06	22.5		+ 47			
				F	4	06	52.5					
				eP	5	00	27.6					
38	Itô	" 21	0	S	5	00	34.3					
				F	5	03	50.0					
				P	5	00	28.8					
38	Gotenba	" 21	0	S	5	00	43.8					
				F	5	02	40.0					
				e	5	00	21.0					
38	Ômiya	" 21	0	F	5	00	50.0					
				PE	5	00	32.0					
				S	5	00	38.9					
				MN	5	00	40.1	+ 40				
				ME	5	00	49.3		+ 35			
				C	5	01	0.0					
39	Gotenba	" 27	0	F	5	01	25.1					N part of Tokyô Bay.
				e	23	45	29.1					
40	Gotenba	Mar. 1	0	F	23	48	31.9					?
				e	4	36	43.0					
41	Numadu	" 1	0	F	4	39	25.0					N off the cape of Siretoko.
				eP	10	24	58.0					
				S	10	27	25.4					
41	Itô	" 1	0	F	10	31	30.0					
				P	10	27	26.1					
				S	10	27	39.0					
41	Gotenba	" 1	0	F	10	30	50.0					
				e	10	24	58.0					
				F	10	31	53.3					
41	Ômiya	" 1	0	PE	10	27	2.0					
				S	10	27	21.7					
				MN	10	27	31.9	+ 40				
				ME	10	28	5.4		+ 60			
				C	10	28	12.6					
				F	10	29	34.1					
42	Numadu	" 2	0	ePN	3	21	4.5					SE off the cape of Erimo.
				Pz	3	21	3.8					
				SN	3	22	27.9					
				Sz	3	22	30.3					
				MN	3	23	50.5	+ 153			2.6	
				Mz	3	22	56.2			- 53	2.2	
				F	3	22	20.0					
42	Itô	" 2	0	P	3	21	7.5					

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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		
				S	3	22	28.0						
				L	3	23	19.2						
				ME	3	24	10.1		+ 113		5.1		
				MN	3	25	57.4	+ 138			5.1		
				C	3	29	54.3						
				F	3	45	30.0						
	Gotenba	Mar. 2	0	eP	3	21	1.8						
				S	3	22	26.1						
				MN	3	23	58.0	- 375					
				ME	3	24	13.8		-1350				
				C	3	27	59.6						
				F	4	00	34.5						
	Ōmiya	" 2	0	PE	3	20	4.0						
				S	3	21	35.7						
				MN	3	23	14.5	+ 275					
				ME	3	23	42.3		+ 485				
				C	3	23	53.3						
				F	3	27	0.0						
43	Gotenba	" 7	0	e	10	43	30.8					Husan, Tyōsen.	
				F	10	44	15.9						
44	Gotenba	" 9	0	e	23	42	36.5					The mouth of the R. Edo.	
				F	23	43	51.9						
45	Itō	" 10	0	PE	2	27	14.1					Kurihasi, Saitama Prefecture.	
				S	2	27	29.1						
				ME	2	27	34.1		+ 60		0.8		
				CN	2	28	1.6	+ 20			1.0		
				F	2	29	14.1						
	Gotenba	" 10	0	e	2	27	7.7						
				F	2	30	21.3						
	Ōmiya	" 10	0	PE	2	27	14.4						
				S	2	27	28.5						
				ME	2	27	39.0		+ 35				
				MN	2	27	45.0	+ 35					
				C	2	28	1.5						
				F	2	28	30.7						
46	Numadu	" 10	0	e	20	38	42.4					SE off the cape of Erimo.	
				F	20	45	50.0						
	Itō	" 10	0	P	20	39	7.2						
				F	20	42	10.0						
	Gotenba	" 10	0	e	20	38	18.7						
				F	20	44	6.0						
47	Numadu	" 11	0	ePN	0	45	18.5					Off Sanriku.	
				ePz	0	45	16.1						
				SN	0	46	46.2						
				Sz	0	46	48.0						
				MN	0	47	23.2	+ 104			2.1		
				ME	0	47	9.0		+ 167		1.8		
				Mz	0	47	16.1			+ 42	2.0		
				C	0	51	12.6						
				F	0	58	10.0						
	Itō	" 11	0	P	0	45	36.7						
				S	0	46	40.4						
				L	0	46	49.1						
				C	0	48	51.6						
				F	0	52	40.0						
	Gotenba	" 11	0	eP	0	45	9.3						
				S	0	46	18.7						
				MN	0	46	29.3	+ 290					
				ME	0	46	53.0		+ 225				
				C	0	49	39.1						
				F	1	00	29.0						

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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	Mar. 11	0	PE	0	45	17.6	+ 157	+ 355				
				S	0	46	27.8						
				M <sub>N</sub>	0	47	14.2						
				M <sub>E</sub>	0	47	28.9						
				C	0	48	2.9						
F	0	50	15.3										
48	Numadu	" 12	0	eP	5	54	35.2	+ 32			1.9		Off Kuzyukurihama.
				eS	5	54	56.1						
				M <sub>N</sub>	5	55	38.6						
				F	6	01	30.0						
	Itô	" 12	0	eP	5	54	31.0						
				S	5	55	1.0						
				F	5	57	15.0						
49	Numadu	" 23	0	eP	0	43	30.2						?
				S	0	43	51.6						
				F	0	46	10.0						
50	Numadu	" 23	0	e	23	19	24.9						Kôhu.
				F	23	22	50.0						
51	Numadu	" 24	0	e	17	58	13.3						Kumanonada.
				S	17	59	18.7						
				F	18	05	0.0						
	Gotenba	" 24	0	e	17	59	2.5						
				F	18	01	34.1						
52	Numadu	" 27	0	e	9	17	34.4						Kasimanada.
				F	9	20	0.0						
53	Itô	" 29	I	P	22	09	17.5	- 50					Sagaminada.
				S	22	09	20.1						
				M <sub>N</sub>	22	09	20.6						
				F	22	10	20.0						
54	Numadu	" 31	0	eP	3	36	19.9						S off Titizima Island.
				eS	3	38	48.3						
				F	3	45	0.0						
55	Numadu	Apr. 1	0	eP	2	16	0.2	± 50	± 46		16.0	19.0	Distant earthquake.
				eS	2	23	14.1						
				M <sub>N</sub>	2	26	8.4						
				M <sub>E</sub>	2	26	8.4						
				F	3	07	50.0						
	Itô	" 1	0	P	2	16	15.0						
				S	2	23	38.7						
				F	2	43	0.0						
	Gotenba	" 1	0	e	2	16	3.0						
				F	3	02	43.0						
56	Numadu	" 1	0	e	20	17	21.1						Ditto.
				F	20	35	50.0						
	Itô	" 1	0	P	20	18	43.4						
				F	20	20	0.0						
57	Numadu	" 5	0	e	14	28	59.8	- 31	- 27		2.2	2.2	S off Hatizyô Island.
				S	14	29	55.5						
				M <sub>N</sub>	14	30	32.7						
				M <sub>E</sub>	14	30	2.2						
				C	14	32	29.4						
				F	14	36	30.0						
	Itô	" 5	0	P	14	29	4.0						
				S	14	29	50.0						
				F	14	33	0.0						
58	Numadu	" 8	0	eP <sub>H</sub>	15	48	10.5	+ 4	+ 5	- 6			N Part of Tôkyô Bay.
				eP <sub>Z</sub>	15	48	10.3						
				eS <sub>N</sub>	15	48	25.7						



No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre
					g. M. T.			AN	AE	Az	Period	
					h	m	s	$\mu$	$\mu$	$\mu$	s	
				iS <sub>Z</sub>	15	48	27.2					
				M <sub>N</sub>	15	48	31.3	- 57				1.4
				M <sub>E</sub>	15	48	39.8		- 51			1.4
				M <sub>Z</sub>	15	48	32.7			- 29		0.9
				C	15	50	24.0					
				F	15	53	20.0					
	Itô	Apr. 8	0	P	15	48	10.8					
				S	15	48	23.3					
				M <sub>N</sub>	15	48	25.8	+ 125				0.5
				F	15	51	50.0					
	Gotenba	" 8	0	e	15	48	9.7					
				F	15	52	19.2					
	Ômiya	" 8	0	P	15	48	12.4					
				S	15	48	28.2					
				M <sub>N</sub>	15	48	40.0	+ 50				
				M <sub>E</sub>	15	48	34.1		+ 70			
				C	15	49	24.7					
				F	15	50	58.8					
59	Numadu	" 15	0	e	19	21	0.1					E off the cape of Siriya.
				S	19	21	59.9					
				F	19	26	30.0					
	Gotenba	" 15	0	e	19	20	40.9					
				F	19	26	47.2					
60	Itô	" 17	0	P	8	11	22.7					Itô
				S	8	11	25.1					
				F	8	13	52.7					
61	Numadu	" 18	0	eP	17	13	24.5					N part of Tôkyô Bay.
				S	17	13	31.3					
				F	17	16	40.0					
	Itô	" 18	0	P	17	12	17.9					
				S	17	12	27.9					
				F	17	12	32.9					
	Gotenba	" 18	0	e	17	12	19.6					
				F	17	14	42.3					
62	Numadu	" 19	0	eP	5	16	32.9					Distant earthquake.
				S	5	28	16.2					
				M <sub>N</sub>	5	33	12.8	+2070				13.7
				M <sub>E</sub>	5	33	7.6		+1880			13.7
				F	6	10	0.0					
	Itô	" 19	0	eP	5	15	36.9					
				F	5	59	30.0					
63	Numadu	" 21	0	e	4	15	25.6					Nogami, Saitama Prefecture.
				S	4	15	40.9					
				C	4	16	53.9					
				F	4	19	0.0					
	Itô	" 21	0	P	4	15	36.7					
				S	4	15	47.9					
				F	4	17	0.0					
	Ômiya	" 21	0	P	4	15	27.0					
				S	4	15	40.8					
				M <sub>N</sub>	4	15	43.2	+ 20				
				M <sub>E</sub>	4	15	50.0					
				C	4	16	1.5					
				F	4	17	45.4					
64	Numadu	" 24	0	e	18	55	33.0					?
				F	18	58	25.0					
65	Numadu	" 24	0	e	23	24	46.6					?
				F	23	29	25.0					

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre
					C. M. T.			AN	AE	Az	Period	
					h	m	s	$\mu$	$\mu$	$\mu$	s	
66	Itô	Apr. 27	0	P	0	11	21.0					Distant earthquake.
				S	0	14	21.0					
				L	0	15	58.5					
				F	0	24	0.0					
	Gotenba	" 27	0	e	0	05	32.3					
				F	0	29	42.6					
67	Numadu	" 27	0	eP	12	51	46.6					Kasimanada.
				eS	12	51	58.8					
				M <sub>N</sub>	12	52	44.9	- 147			2.2	
				M <sub>E</sub>	12	52	54.3		+ 151		2.1	
				F	13	01	10.0					
	Itô	" 27	0	P	12	51	44.7					
				S	12	52	8.4					
				M <sub>E</sub>	12	52	44.7		+ 100		2.5	
				C <sub>N</sub>	12	53	37.2	- 38			2.5	
	F	12	58	20.0								
	Gotenba	" 27	I	eP	12	51	44.5					
				S	12	52	13.7					
				M <sub>E</sub>	12	52	23.4		- 330			
				M <sub>N</sub>	12	52	51.0	- 350				
				C	12	54	29.2					
	F	13	03	34.1								
	Ômiya	" 27	0		(Time is inaccurate)							
68	Numadu	" 29	0	e	16	47	45.4					NE off Hatizyô Island.
				S	16	48	18.8					
				F	16	56	10.0					
	Itô	" 29	0	P	16	47	53.5					
				S	16	48	17.2					
				F	16	59	57.0					
	Gotenba	" 29	0	e	16	47	47.2					
				F	16	59	47.2					
	Ômiya	" 29	0		(Time is inaccurate)							
69	Itô	May 1	0	P	6	16	1.5					Neighbourhood of Iwai, Ibaraki Prefecture.
				F	6	17	15.0					
70	Itô	" 2	0	P	17	01	4.5					Neighbourhood of Misima, Siduoka Prefecture.
				S	17	01	8.2					
				M <sub>N</sub>	17	01	8.2					
				F	17	01	50.0					
71	Itô	" 4	0	P	7	02	30.5					Neighbourhood of Itô
				S	7	02	33.3					
				F	7	04	10.0					
72	Numadu	" 4	0	e	8	14	13.1					S off Kusiro, Hokkaido.
				F	8	19	40.0					
73	Itô	" 6	0	P	11	54	13.3					Neighbourhood of Itô
				F	11	55	0.0					
74	Itô	" 8	0	eP	9	25	20.7					Distant earthquake.
				F	9	27	10.0					
75	Numadu	" 13	0	e	9	06	10.8					Kasimanada.
				F	9	10	0.0					
76	Numadu	" 13	0	e	11	12	33.2					Neighbourhood of Okinosima, Kôti Prefecture.
				F	11	18	0.0					
77	Numadu	" 16	0	eP	7	11	59.6					Distant earthquake.
				S?	7	17	6.5					
				M <sub>E</sub>	7	27	41.9		± 385		10.7	
				M <sub>N</sub>	7	23	44.1	+ 745			17.6	



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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	May 16	0	F	7	45	0.0						
				eP	7	17	46.5						
				S	7	21	39.0						
				L	7	23	49.5						
				F	7	33	40.0						
	Gotenba	" 16	0	e	7	11	53.2						
				F	7	42	46.9						
78	Numadu	" 20	0	e	3	14	7.4					Ditto.	
				F	3	28	0.0						
79	Numadu	" 23	0	eP	11	29	44.0					NW off Hatizyô Island.	
				eS?	11	30	17.0						
				F	11	33	0.0						
80	Itô	" 24	0	P	6	16	11.2					Itô	
				S	6	16	13.2						
				F	6	16	35.0						
81	Numadu	" 27	0	e	6	27	47.8					Distant earthquake.	
				S	6	33	30.4						
				F	7	40	0.0						
	Itô	" 27	0	P	6	26	52.2						
				F	6	54	0.0						
82	Numadu	June 3	0	P	2	57	23.0					E off the cape of Siriya.	
				S	2	58	49.8						
				M <sub>N</sub>	2	59	35.9	- 61			2.8		
				M <sub>E</sub>	3	00	23.0		+ 62		2.4		
				C	3	04	0.4						
				F	3	10	0.0						
	Itô	" 3	0	P	2	57	36.0						
				S	2	58	49.7						
				L	2	59	32.2						
				F	3	05	40.0						
	Gotenba	" 3	0	eP	2	57	19.4						
				S	2	58	47.0	+ 170					
				M <sub>N</sub>	2	59	16.2		- 285				
				M <sub>E</sub>	3	00	16.2						
				C	3	01	11.3						
				F	3	12	47.0						
83	Gotenba	" 3	0	(Time is inaccurate)									
84	Numadu	" 4	0	eP	13	09	5.2						
				S	13	10	31.8						
				F	13	20	0.0						
	Itô	" 4	0	P	13	09	4.2						
				S	13	09	29.2						
				L	13	10	11.7						
				F	13	19	30.0						
	Gotenba	" 4	0	(Time is inaccurate)									
	Ômiya	" 4	0	P	13	09	8.3						
				S	13	10	46.8						
				M <sub>N</sub>	13	10	51.6	+ 40					
				M <sub>E</sub>	13	11	27.0		+ 70				
				C	13	11	14.1						
				F	13	17	0.0						
85	Gotenba	" 4	0	(Time is inaccurate)									
86	Gotenba	" 4	0	(Time is inaccurate)									

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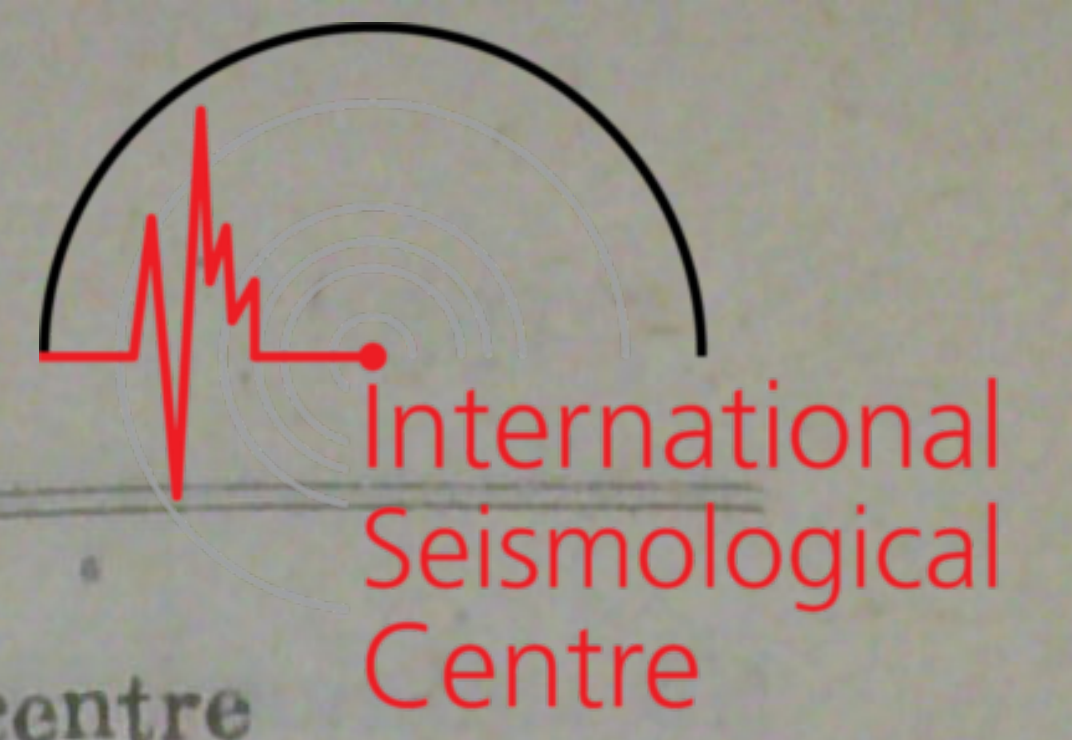
No.	Station	Date	Intensity	Phase	Time of occurrence G. M. T.			Amplitude				Epicentre
								AN	AE	Az	Period	
87	Numadu	June 4	0	eP	h	m	s	μ	μ	μ	s	W foot of Mt. Huzi
				S	16	48	2.9					
				F	16	48	8.6					
	Ōmiya	" 4	0	P	16	47	59.3	+ 80	+ 102			
				S	16	48	2.4					
				M <sub>N</sub>	16	48	2.4					
			ME	16	48	2.4						
			C	16	48	17.8						
			F	16	49	19.2						
88	Numadu	" 4	0	eP	18	25	52.9	- 88				Neighbourhood of Takayama.
				S	18	26	18.8					
				M <sub>N</sub>	18	26	32.7					
				ME	18	26	25.2					
				C	18	27	59.9					
	Itô	" 4	0	P	18	26	0.2					
				S	18	26	27.7					
				L	18	26	28.2					
				ME	18	26	29.0		- 63			2.5
				F	18	30	30.0					
	Ōmiya	" 4	0	P	18	25	49.8	+ 165				
S				18	26	13.8						
M <sub>N</sub>				18	26	19.2						
ME				18	26	16.7						
C				18	27	47.8						
F				18	30	14.8						
89	Numadu	" 4	0	eP	23	42	43.3					NW off Hatizyô Island.
				F	23	46	10.0					
90	Gotenba	" 5	0		(Time is inaccurate)							
91	Numadu	" 8	0	e	6	28	6.8					Neighbourhood of Siduyama Bay, Miyagi Prefecture.
				F	6	32	30.0					
	Gotenba	" 8	0	e	6	28	9.6					
				F	6	32	14.3					
92	Numadu	" 8	0	e	9	13	35.7					WNW off Hatizyô Island.
				F	9	17	30.0					
	Itô	" 8	0	P	9	13	36.2					
				F	9	16	30.0					
	Gotenba	" 8	0	e	9	13	39.0					
				F	9	17	52.0					
93	Numadu	" 8	0	eP	12	35	45.7					Neighbourhood of Mt. Tukuba.
				eS	12	35	57.9					
				F	12	38	20.0					
	Itô	" 8	0	P	12	35	53.2					
				F	12	37	0.0					
	Gotenba	" 8	0	e	12	35	52.1					
F				12	38	7.0						
94	Numadu	" 10	0	e	6	19	49.7					Middle valley of the R. Sinano.
				F	6	23	0.0					
95	Numadu	" 10	0	e	7	03	36.5					Neighbourhood of Hatizyô Island.
				S	7	04	21.7					
				F	7	08	30.0					
	Itô	" 10	0	P	7	03	16.4					
				F	7	06	50.0					
	96	Numadu	" 10	0	eP	8	30	59.0				
S					8	36	59.0					
F					9	03	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				
97	Itô	June 10	0	P	8	30	52.7					Neighbourhood of the mouth of the R. Edo.			
				S	8	37	59.7								
				F	8	43	42.7								
	Gotenba	" 10	0	e	8	30	58.0								
				F	8	51	33.2								
	Itô	" 17	0	P	8	56	1.8								
				S	8	56	13.1								
				MN	8	56	13.8	- 35			0.5				
				F	8	57	40.0								
	Ômiya	" 17	0	P	8	56	4.2								
				MN	8	56	19.2	+ 10							
				ME	8	56	19.2		+ 13						
C				8	56	26.1									
Numadu	" 18	0	eP	19	52	8.9									
			S	19	52	23.8									
			F	19	53	50.0									
			Ômiya	" 18	0	P	19	52	12.9						
S	19	52				28.2									
MN	19	52				29.4	+ 15								
ME	19	52				29.4		+ 25							
C	19	52	45.9	F	19	53	16.5								
99	Numadu	" 22	0	e	17	30	46.5				Neighbourhood of Ogawa, Saitama Prefecture.				
100	Numadu	" 25	0	eP	16	45	35.0				?				
101	Numadu	" 25	0	F	16	49	50.0								
				iP	16	52	55.3	- 3	+ 3		1.4				
				iS	16	53	47.5								
				MN	16	53	48.7	± 171			1.6				
				ME	16	53	48.7		+ 129		1.6				
				C	16	54	30.0								
101	Itô	" 25	0	F	18	02	40.0								
				P	16	52	53.5								
				S	16	53	40.2								
				F	17	00	0.0								
				Gotenba	" 25	0	iP	16	52	56.7					
							S	16	53	45.3					
MN	16	53	46.8				- 125								
ME	16	54	7.4					+ 155							
C	16	55	15.0	F	17	01	13.3								
101	Ômiya	" 25	0	P	16	52	56.5								
				S	16	53	43.6								
				ME	16	53	56.5								
				MN	16	54	2.9	+ 240			+ 150				
				C	16	54	32.9								
				F	16	58	56.5								
102	Numadu	" 27	0	eP	21	16	1.5				Off the cape of Oti-isi.				
				F	21	25	0.0								
102	Itô	" 27	0	P	21	16	20.2								
				F	21	22	0.0								
102	Gotenba	" 27	0	e	21	16	11.2								
				F	21	22	20.7								
103	Numadu	" 28	0	eP	8	11	31.8				SE off Hatizyô Island.				
				eS	8	12	16.4								
				F	8	16	50.0								
				103	Itô	" 28	0	P	8	11		22.5			
S	8	12	57.0												
L	8	14	34.7												

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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		
				F	8	44	9.0						
	Gotenba	June 28	0	e	8	11	32.5						
				F	8	27	59.8						
	Ōmiya	" 28	0	eP	8	11	34.6						
				S	8	12	19.6						
				MN	8	13	17.4	+ 40					
				ME	8	13	17.4		+ 25				
				C	8	14	22.1						
				F	8	24	45.8						
104	Numadu	June 28	0	eP	8	33	19.4						Ditto.
	Gotenba	" 28	0	e	8	33	37.8						
				F	8	48	21.5						
	Ōmiya	" 28	0	P	8	33	25.3						
105	Numadu	" 28	0	eP	11	55	8.0						Off Hatizyō Island.
106	Ōmiya	" 28	0	P	14	27	53.0						?
107	Numadu	" 28	0	eP	15	27	42.5						Kasimanada.
108	Numadu	" 28	0	eP	17	22	45.0						E off Hatizyō Island.
	Ōmiya	" 28	0	eP	17	24	25.3						
109	Numadu	" 30	0	iP	15	11	43.8	- 650	- 600		5.2		Distant earthquake, Okhotsk Sea.
				S	15	15	45.6						
				MN	15	16	0.6	+1120				11.8	
				ME <sub>1</sub>	15	16	40.1		+1778			13.0	
				Mz	15	18	30.6			+ 400		12.2	
				ME <sub>2</sub>	15	19	0.5		+ 582			11.2	
				C	15	23	37.0						
				F	17	36	0.0						
	Itō	" 30	0	iP	15	11	41.6						
				iS	15	16	0.0						
				F	16	17	20.0						
	Gotenba	" 30	0	iP	15	11	42.3						
				S	15	15	52.6						
				MN	15	16	10.5	+ 650					
				ME	15	16	26.5		- 600				
				C	15	18	7.4						
				F	15	37	7.4						
	Ōmiya	" 30	0	P	15	11	42.0						
				S	15	15	59.2						
				MN	15	16	6.6	+ 130					
				ME	15	16	8.2		+ 340				
				C	15	17	50.4						
				F	15	31	0.0						
110	Numadu	July 4	0	P	20	41	14.6	- 4	+ 1	+ 2	0.8		Off Kuzyukurihama.
				S	20	41	34.1						
				ME	20	42	7.8		- 76			1.0	
				MN	20	42	17.2	+ 96				1.0	
				C	20	43	25.0						
				F	20	50	0.0						
	Itō	" 4	0	P	20	41	12.5						
				S	20	41	35.8						
				F	20	46	50.0						
	Gotenba	" 4	0	eP	20	41	9.9						
				S	20	41	45.6						
				MN	20	41	57.3	+ 325					
				ME	20	41	57.3		- 210				
				C	20	41	33.2						
				F	20	48	8.3						
	Ōmiya	" 4	0	P	20	41	18.0						

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre	
					g.	m.	s.	AN	AE	Az	Period		
					h	m	s	$\mu$	$\mu$	$\mu$	s		
				S	20	41	48.7						
				M <sub>N</sub>	20	42	31.0	+ 165					
				M <sub>E</sub>	20	42	53.4		+ 149				
				C	20	42	29.2						
				F	20	44	38.6						
111	Numadu	July 5	0	eP	13	16	0.0						Details uncertain.
112	Numadu	" 5	0	eP	14	38	32.6						Off Etorohu Island.
113	Numadu	" 5	0	eP	14	56	14.1						N part of Kasimanada.
114	Numadu	" 5	0	eP	19	01	46.8						Off Palau
				M <sub>E</sub>	19	03	21.8		+ 28		2.9		
				F	19	17	50.0						
	Itô	" 5	0	P	19	01	56.0						
				S	19	02	56.0						
				F	19	16	0.0						
	Gotenba	" 5	0	e	19	02	3.0						
				F	19	17	13.5						
115	Numadu	" 9	0	P	8	14	14.1						Off Ensyunada.
				S	8	14	50.4						
				F	8	18	30.0						
116	Numadu	" 13	0	eP	11	32	24.4						Distant earthquake.
				F	11	38	30.0						
117	Numadu	" 13	0	e	12	22	51.0						Ditto.
118	Numadu	" 13	0	P	22	21	7.6						Kasimanada.
				F	22	29	40.0						
119	Numadu	" 14	0	P	20	50	16.8						Nemuro.
				F	20	55	0.0						
	Gotenba	" 14	0	e	20	50	13.0						
				F	20	53	3.0						
120	Numadu	" 15	0	P	1	55	26.4	- 1	- 2	+ 1	1.6		Off Kasimanada.
				S	1	56	3.4						
				M <sub>Z</sub>	1	56	34.6			+ 58	2.6		
				M <sub>E</sub>	1	56	35.5		+ 137		2.6		
				M <sub>N</sub>	1	56	36.8	+ 124			1.8		
				C	1	59	30.0						
				F	2	06	10.0						
	Itô	" 15	0	P	1	55	29.5						
				S	1	56	2.0						
				M <sub>N</sub>	1	56	34.5	- 150			2.5		
				F	2	03	40.0						
	Gotenba	" 15	0	eP	1	55	26.3						
				S	1	56	3.0						
				M <sub>E</sub>	1	56	21.3		+ 380				
				M <sub>N</sub>	1	56	28.0	+ 450					
				C	1	57	56.8						
				F	2	10	39.8						
	Ômiya	" 15	0	P	1	55	31.8						
				S	1	56	22.4						
				M <sub>N</sub>	1	56	58.9	+ 255					
				M <sub>E</sub>	1	56	58.9		+ 435				
				C	1	00	6.0						
				F	2	03	37.8						
121	Numadu	" 15	0	P	11	51	39.9						S off Hatizyu Island.
				F	11	59	20.0						
	Gotenba	" 15	0	e	11	51	36.3						
				F	12	01	9.8						
122	Numadu	" 16	0	e	4	08	24.0						Neighbourhood of Mt. Tukuba.



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No.	Station	Date	Intensity	Phase	Tim eof occurrence			Amplitude				Epicentre	
					C.	M.	T.	AN	AE	Az	Period		
					h	m	s	$\mu$	$\mu$	$\mu$	s		
123	Numadu	July 18	0	P	15	07	13.6						Mt. Tanzawa.
				F	15	10	0.0						
	Gotenba	" 18	0	e	15	07	1.0						
				F	15	08	39.2						
124	Numadu	" 18	0	P	17	49	28.7						Off Iwaki, Hukusima Prefecture.
				S	17	50	8.8						
				F	18	06	30.0						
	Itô	" 18	0	P	17	49	24.5						
					S	17	49	59.5					
				ME	11	50	7.0						
				F	17	53	50.0		+ 100		0.8		
	Gotenba	" 18	0	e	17	49	29.0						
				F	17	56	0.7						
	Ômiya	" 18	0	P	17	49	27.0						
				S	17	50	8.1						
				MN	17	50	39.3	+ 80					
				ME	17	50	39.3		+ 105				
				C	17	52	14.0						
				F	17	54	15.3						
125	Numadu	" 20	0	P	2	07	14.0						Near of the mouth of the R. Kuzi, Ibaraki Prefecture.
				S	2	07	44.2						
				F	2	10	30.0						
126	Numadu	" 23	0	eP	7	06	39.2						E off Hatizyô Island.
				F	7	29	10.0						
	Itô	" 23	0	P	7	06	41.6						
				S	7	07	30.2						
				F	7	16	0.0						
	Gotenba	" 23	0	e	7	06	32.6						
				F	7	17	7.7						
127	Numadu	" 26	0	eP	7	56	57.2						Epicenter uncertain.
128	Numadu	" 29	0	e	0	10	35.0						Mt. Asama.
129	Numadu	" 31	0	e	8	15	9.5						The mouth of the R. Sagami.
	Itô	" 31	0	P	8	15	4.2						
				S	8	15	9.2						
				F	8	16	19.2						
130	Numadu	Aug. 5	0	e	0	19	6.7						Hunatu, Yamanasi Prefecture.
131	Numadu	" 9	0	e	19	12	9.4						Numadu
132	Numadu	" 13	0	P	1	51	59.0						E foot of Mt. Tukuba.
				S	1	52	15.4						
				F	1	56	20.0						
	Itô	" 13	0	P	1	51	59.3						
					S	1	52	15.5					
				F	1	54	31.8						
	Gotenba	" 13	0	e	1	52	14.3						
				F	1	55	55.3						
	Ômiya	" 13	0	P	1	52	1.0						
				S	1	52	19.1						
				MN	1	52	28.1	+ 30					
				ME	1	52	28.1		+ 39				
				C	1	52	55.2						
				F	1	54	14.4						
133	Itô	" 21	0	P	15	10	56.7						Off Hatizyô Island.
				S	15	11	4.2						
				F	15	12	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	
134	Numadu	Aug. 22	0	e	0	39	38.0					Off Bôso Peninsula.
135	Numadu	" 22	0	P	6	56	13.5	- 321	- 378	- 91	7.5	S off Taitô, Formosa.
				Mz	6	56	16.3			+ 819	2.7	
				S	7	00	0.9					
				MN	7	00	18.7	-1167			11.6	
				ME	7	00	24.3		-2580		11.4	
				C F	7	07 37	20.0 30.0					
Itô	" 22	0	P	6	56	13.5	- 94	- 75		5.5		
			S	7	00	6.0						
			S	7	03	31.0						
			L	7	04	56.0						
			F	7	25	43.5						
Gotenba	" 22	0	iP	6	56	17.0	+ 125	- 45				
			S	7	00	10.9						
			MN	7	00	17.4	- 770					
			ME	7	00	43.3		+ 862				
			C F	7	02 26	32.8 4.4						
Ômiya	" 22	0	iP	6	56	13.1						
			S	7	00	15.5						
			MN	7	01	4.9	+ 180					
			ME	7	01	7.3		+ 250				
			C F	7	03 06	9.5 59.5						
136	Numadu	" 22	0	eP	11	13	54.7				Ditto.	
				F	11	19	40.0					
Itô	" 22	0	P	11	13	59.5						
			F	11	18	30.0						
Gotenba	" 22	0	e	11	13	53.6						
			P	11	19	39.4						
137	Numadu	" 23	0	P	21	21	7.4				Distant earthquake. Smatra Island.	
				F	21	53	0.0					
Itô	" 23	0	P	21	21	9.0						
			F	21	52	20.0						
Gotenba	" 23	0	e	21	21	8.7						
			F	21	54	0.8						
138	Numadu	" 23	0	eP	22	11	36.5				Miyake Island.	
139	Numadu	" 23	0	eP	22	45	22.1				Off Hatizyô Island.	
				F	22	50	20.0					
140	Numadu	" 25	0	e	0	36	51.7				Kôsyun, Formosa.	
141	Numadu	" 31	0	e	7	15	36.4				Kasimanada.	
142	Numadu	Sept. 2	0	eP	5	03	41.7				The mouth of the R. Kiso.	
				F	5	06	20.0					
143	Numadu	" 2	0	P	9	19	13.8				NE off Etorohu Island.	
				F	9	25	40.0					
144	Numadu	" 2	0	P	20	30	35.7				Numadu	
				F	20	33	0.0					
Gotenba	" 2	0	e	20	30	32.5						
			F	20	32	47.5						
145	Numadu	" 3	0	e	14	56	19.0				SE off Bôso Peninsula.	
146	Numadu	" 3	0	eP	19	13	0.5				Yahata, Wakayama Prefecture.	
				F	20	07	20.0					
Gotenba	" 3	0	e	19	13	4.0						



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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		
147	Numadu	Sept. 3	0	F	19	24	16.2						E off Hatizyô Island.
148	Numadu	" 4	0	e	21	24	39.5						SE off Hatizyô Island.
				P	8	10	50.7						
				eS	8	11	46.2						
				C	8	16	10.0						
				F	8	56	0.0						
	Itô	" 4	0	P	8	10	58.2						
				S	8	12	31.7						
				F	8	36	30.0						
	Gotenba	" 4	0	e	8	10	51.2						
				F	8	46	30.4						
	Ômiya	" 4	0	P	8	11	0.0						
				S	8	11	50.6						
				M <sub>N</sub>	8	12	54.4	+ 35					
				M <sub>E</sub>	8	12	54.4		+ 45				
				C	8	14	58.6						
				F	8	24	33.6						
149	Numadu	" 7	0	P	22	03	2.0						Upper valley of the R.
				F	22	04	40.0						Takatoki, Siga Prefecture.
150	Numadu	" 7	0	P	23	33	0.0						SE off Bôsô Peninsula.
				S	23	33	20.5						
				F	23	37	0.0						
151	Numadu	" 7	0	e	23	58	9.2						NE off Kuzi, Iwate Prefecture.
152	Numadu	" 8	0	e	0	39	20.0						NE off the cape of Siriya.
153	Numadu	" 8	0	P	2	42	21.6						SE off the cape of Inubô.
				S	2	42	43.5						
				F	2	48	30.0						
	Gotenba	" 8	0	e	2	42	17.2						
				F	2	50	7.1						
	Ômiya	" 8	0	P	2	42	27.3						
				S	2	42	51.5						
				M <sub>N</sub>	2	43	24.9	+ 25					
				M <sub>E</sub>	2	43	24.9		+ 30				
				C	2	43	45.6						
				F	2	45	29.1						
154	Numadu	" 8	0	e	19	02	13.3						Kasimanada.
155	Numadu	" 12	0	P	10	57	27.2						Kuzyukurihama
				S	10	57	42.1						
				M <sub>N</sub>	10	58	10.8	+ 74				1.5	
				M <sub>E</sub>	10	58	15.1		+ 110			1.5	
				M <sub>Z</sub>	10	58	15.1			+ 47		1.5	
				C	10	59	40.0						
				F	11	05	20.0						
	Itô	" 12	0	P	10	57	33.0						
				S	10	57	45.2						
				F	11	02	30.0						
	Gotenba	" 12	0	eP	10	57	30.7						
				S	10	57	42.0						
				M <sub>N</sub>	10	57	53.3	- 125					
				M <sub>E</sub>	10	57	56.6		+ 150				
				C	10	59	29.1						
				F	11	06	16.0						
	Ômiya	" 12	0	P	10	57	29.9						
				S	10	57	48.3						
				M <sub>N</sub>	10	58	57.6	+ 190					
				M <sub>E</sub>	10	58	25.3		+ 160				
				C	10	59	25.3						





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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre	
					G. M. T.			AN	A <sub>E</sub>	A <sub>Z</sub>	Period		
					h	m	s	μ	μ	μ	s		
157	Numadu	Sept. 14	0	F	11	02	10.0					E off the mouth of the R. Ukedo, Hukusima Prefecture.	
				P	0	24	8.5						
				S	0	24	37.9						
	Gotenba	" 14	0	F	0	28	0.0						
				e	0	24	16.8						
	Gotenba	" 14	0	F	0	29	1.9					Off the cape of Sioya.	
				e	1	22	55.0						
158	Gotenba	" 14	0	F	1	24	17.9						
				e	1	24	17.9						
159	Numadu	" 16	0	e	5	16	30.3					Ditto.	
				F	5	19	10.0						
	Gotenba	" 16	0	e	5	16	23.7						
				F	5	18	52.9						
160	Numadu	" 16	0	e	10	32	34.0					Ditto.	
				F	10	32	23.5						
	Gotenba	" 16	0	e	10	32	23.5						
				F	10	34	10.3						
161	Numadu	" 16	0	eP	8	30	2.7					Neighbourhood of Urakawa.	
				S	8	31	8.1						
				F	8	34	20.0						
162	Numadu	" 18	0	P	18	39	50.2					SE off Hatizyô Island.	
				S	18	41	33.7						
				C	18	46	10.0						
				F	19	29	40.0						
	Itô	" 18	0	P	18	39	46.2						
				S	18	41	9.5						
				F	19	00	30.0						
	Ômiya	" 18	0	P	18	39	49.4						
				S	18	40	53.2						
				MN	18	41	30.6	+ 50					
				ME	18	41	30.6		+ 25				
				C	18	41	46.0						
				F	18	46	32.0						
163	Numadu	" 19	0	e	1	10	27.0					Distant earthquake, Sumatra Island.	
				F	1	17	30.0						
164	Numadu	" 19	0	e	1	18	13.5					Ditto.	
				F	1	58	58.0						
	Itô	" 19	0	e	1	18	22.8						
				F	1	43	30.0						
165	Numadu	" 20	0	eP	10	22	1.3					NE off Hatizyô Island.	
				F	10	27	40.0						
166	Numadu	" 23	0	P	19	36	43.1					Off the cape of Inubô.	
				S	19	37	9.0						
				F	19	40	30.0						
	Gotenba	" 23	0	e	19	36	37.0						
				F	19	42	51.0						
167	Numadu	" 25	0	e	5	40	45.7					Kasimanada.	
				F	5	40	55.8						
	Gotenba	" 25	0	e	5	40	55.8						
				F	5	46	14.7						
168	Numadu	" 25	0	P	6	48	53.2					Ditto.	
				S	6	49	27.5						
				F	6	54	0.0						
	Gotenba	" 25	0	e	6	48	38.3						
				F	6	55	38.3						
169	Gotenba	" 27	0	e	13	03	5.2					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	μ	μ	μ	s		
170	Numadu	Sept. 30	I	F	13	10	11.4					Totte, Ibaraki Prefecture.	
				P	3	44	28.5						
				S	3	44	43.4						
				Mz	3	44	58.8				+ 110		1.2
				ME	3	45	3.8				- 101		1.2
				MN	3	45	7.9	- 141					1.2
	Itô	" 30	I	C	3	46	20.0						
				F	3	50	10.0						
				P	3	44	32.2	- 7			+ 8		
	Gotenba	" 30	I	S	3	44	46.6						
				MN	3	44	47.8	+ 127					0.7
				ME	3	44	50.2				- 163		
				F	3	50	32.2						
	Ômiya	" 30	I	iP	3	44	29.2						
				S	3	44	45.5						
ME				3	44	50.3				- 115			
MN				3	45	1.7	+ 130						
C				3	47	3.3							
171	Numadu	Oct. 1	0	F	3	52	26.0						
				P	3	44	33.9	+ 10			- 10		
				S	3	44	50.0						
				ME	3	44	50.0	+ 100			+ 100		
				MN	3	44	50.0						
172	Numadu	" 5	0	C	3	46	33.9						
				F	3	49	4.0						
				e	0	05	28.8					Distant earthquake,	
172	Numadu	" 5	0	eP	5	30	28.9						
				S	5	31	36.4						
				F	5	35	20.0						
172	Gotenba	" 5	0	e	5	31	0.1						
				F	5	34	48.0						
173	Numadu	" 5	0	eP	7	11	13.8						
				F	7	21	30.0						
												SE off Hatizyô Island.	
173	Itô	" 5	0	eP	7	12	7.5						
				F	7	20	37.5						
173	Gotenba	" 5	0	e	7	11	23.8						
				F	7	20	40.4						
174	Numadu	" 5	0	P	9	51	18.0						
				eS	9	53	4.9						
				F	10	08	0.0						
	Itô	" 5	0	eP	9	51	18.7						
				S	9	52	33.7						
				L	9	55	3.7						
174	Gotenba	" 5	0	F	10	00	30.0						
				e	9	51	0.1						
174	Gotenba	" 5	0	F	10	13	14.7						
175	Numadu	" 6	I	P	14	27	6.0						
				eS	14	27	9.5						
				MN	14	27	9.5	- 92				1.2	
				ME	14	27	9.5				- 80	1.2	
				Mz	14	27	12.2				- 45	1.2	
	Itô	" 6	I	F	14	29	40.0						
				P	14	27	15.7	+ 33			+ 38		
175	Itô	" 6	I	eS	14	27	19.3						
				MN	14	27	19.5	- 400				0.7	
				ME	14	27	25.3				- 325		
				F	14	27	20.0						
					14	30	20.0						
175	Gotenba	" 6	0	e	14	27	14.7						
				F	14	31	19.7						



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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre	
					G.	M.	T.	AN	AE	Az	Period		
					h	m	s	$\mu$	$\mu$	$\mu$	s		
	Ômiya	Oct. 6	0	P	14	27	9.5						
				S	14	27	16.3						
				M <sub>N</sub>	14	27	18.6	+ 15					
				M <sub>E</sub>	14	27	18.6		+ 30				
				C	14	27	48.0						
				F	14	29	7.3						
176	Itô	" 6	0	P	18	02	59.1					Itô	
				S	18	03	0.7						
				M <sub>N</sub>	18	03	0.7	- 67					
				F	18	03	26.1						
177	Itô	" 6	0	P	23	27	51.0					Tôkyô Bay.	
				F	23	28	10.0						
178	Numadu	" 8	0	e	1	26	11.5					?	
				F	1	28	0.0						
179	Numadu	" 8	0	P	20	28	16.3					E off Katura.	
				S	20	28	31.3						
				M <sub>N</sub>	20	29	28.2	+ 10			1.5		
				M <sub>E</sub>	20	29	29.7		+ 20		1.4		
				C	20	29	50.0						
				F	20	32	10.0						
	Itô	" 8	I	P	20	28	14.5						
				S	20	28	29.5						
				M <sub>N</sub>	20	28	30.7	- 50			1.0		
				M <sub>E</sub>	20	28	33.2		- 63		1.0		
				F	20	31	14.5						
	Gotenba	" 8	0	e	20	28	16.5						
				F	20	33	14.9						
	Ômiya	" 8	0	P	20	28	18.4						
				S	20	28	37.6						
				M <sub>E</sub>	20	28	38.6		+ 10				
				M <sub>N</sub>	20	28	39.9	+ 20					
				C	20	29	34.1						
				F	20	31	4.6						
180	Numadu	" 9	0	e	0	05	32.0					Neighbourhood of the cape of Higo, Wakayama Prefecture.	
181	Numadu	" 9	0	eP	1	16	18.2					Neighbourhood of Simozuma, Ibaraki Prefecture.	
				S	1	16	43.8						
				F	1	20	0.0						
	Itô	" 9	0	P	1	16	31.2						
				S	1	16	44.9						
				F	1	18	10.0						
	Gotenba	" 9	0	e	1	16	34.0						
				F	1	19	5.5						
	Ômiya	" 9	0	P	1	16	30.0						
				S	1	16	45.8						
				M <sub>N</sub>	1	16	49.1	+ 10					
				M <sub>E</sub>	1	16	49.1		+ 11				
				C	1	17	45.8						
				F	1	19	27.8						
182	Numadu	" 9	0	eP	5	21	2.5					N part of Idu.	
				iS	5	21	31.0						
				F	5	23	20.0						
	Itô	" 9	0	eP	5	21	27.5						
				F	5	22	10.0						
183	Numadu	" 9	0	e	6	49	32.1					Numadu.	
184	Numadu	" 9	0	e	17	46	6.7					SE off the cape of Nozima.	
185	Numadu	" 10	0	e	3	25	18.2					Kasimanada.	

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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		
186	Numadu	Oct. 16	0	eP	19	49	23.3					Ditto.	
				F	19	52	40.0						
	Gotenba	" 16	0	e	19	49	14.0						
				F	19	54	17.5						
187	Gotenba	" 16	0	e	19	56	6.3					?	
				F	20	03	34.3						
188	Gotenba	" 17	0	e	0	33	45.7					Mt. Asama.	
				F	0	36	48.3						
189	Numadu	" 18	0	e	0	49	40.1					Off the mouth of the R. Abukuma.	
190	Numadu	" 18	0	eP	5	21	14.4					Neighbourhood of Syôbu, Saitama Prefecture.	
				S	5	21	23.7						
				F	5	23	20.0						
	Gotenba	" 18	0	e	5	20	45.8						
				F	5	22	15.8						
191	Numadu	" 19	0	e	12	12	3.8					Distant earthquake.	
192	Numadu	" 19	0	iP	19	57	1.7	- 6	+ 3			Off the mouth of the R. Kuduryô.	
				iS	19	57	55.0						
				MN	19	57	55.7	+ 71			1.4		
				ME	19	57	58.9		- 84		1.4		
				C	19	58	46.0						
				F	20	09	0.0						
	Itô	" 19	0	P	19	57	5.0						
				S	19	58	1.2						
				ME	19	58	2.5		- 50		1.3		
				MN	19	58	2.5	- 73			1.8		
				F	29	01	20.0						
	Ômiya	" 19	0	P	19	57	3.1						
				S	19	57	51.8						
				ME	19	57	59.7		+ 45				
				MN	19	58	19.0	+ 30					
				F	19	59	57.4						
193	Numadu	" 20	II	iP	14	23	49.2	+ 6	- 14	- 6		Middle valley of Sida-gun, Sidaoka Prefecture.	
				iS	14	23	56.9						
				Mz	14	23	59.0			- 335	1.4		
				ME	14	24	10.0		+ 720				
				MN	14	24	16.3	- 570					
				F	14	30	10.0						
	Itô	" 20	II	iPE	14	23	55.2	- 12	+ 6				
				iSE	14	24	4.7						
				MN	14	24	6.2	+ 717			1.3		
				ME	14	24	8.9		- 575		1.3		
				F	14	29	10.0						
	Gotenba	" 20	I	iP	14	23	37.7	+ 18	- 18				
				S	14	23	47.7						
				ME	14	24	7.0		- 300				
				MN	14	24	13.1	+ 275					
				F	14	34	52.5						
	Ômiya	" 20	II	P	14	23	48.1	100	62				
				S	14	23	55.0						
				MN	14	24	11.1	+ 800					
				ME	14	24	11.1		+ 520				
				F	14	27	45.0						
194	Numadu	" 20	0	P	18	17	16.4					Ditto.	
				S	18	17	25.1						
				F	18	19	25.0						

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre
					G. M. T.			AN	AE	Az	Period	
					h	m	s					
	Itô	Oct. 20	0	P	18	17	19.0					
				S	18	17	28.5					
				F	18	19	10.0					
	Gotenba	" 20	0	e	18	16	52.0					
				F	18	19	2.8					
	Ômiya	" 21	I	P	18	17	11.3	5	5			
				S	18	17	17.7					
				M <sub>N</sub>	18	17	17.7	+ 75				
				M <sub>E</sub>	18	17	17.7		+ 60			
				C	18	17	36.6					
				F	18	18	22.6					
195	Itô	" 23	0	P	7	24	49.2	+ 8	+ 3			Kameyama
				S	7	24	51.7					
				M <sub>N</sub>	7	24	54.2	± 63			0.7	
				F	7	25	33.3					
196	Numadu	" 24	0	P	4	39	48.8					Kuzyukurihama.
				F	4	43	30.0					
	Itô	" 24	0	eP	4	39	30.7					
				S	4	39	46.9					
				F	4	42	0.0					
	Gotenba	" 24	0	e	4	39	13.9					
				F	4	42	37.8					
197	Numadu	" 24	0	eP	8	08	39.4					Neighbourhood of Sanriduka, Tiba Prefecture.
				eS	8	08	58.9					
				F	8	13	20.0					
	Gotenba	" 24	0	e	8	08	28.6					
				F	8	11	59.2					
198	Numadu	" 24	0	eP	16	04	8.3					SE off Hatizyô Island.
				eS?	16	04	45.2					
				F	16	10	40.0					
	Itô	" 24	0	eP	16	04	0.0					
				eS	16	04	41.2					
				F	16	10	30.0					
	Gotenba	" 24	0	e	16	03	41.9					
				P	16	16	31.1					
199	Numadu	" 25	0	P	4	13	23.1					Neighbourhood of Idu Mikurazima Island.
				S	4	13	42.7					
				F	4	17	50.0					
	Itô	" 25	0	eP	4	13	17.1					
				S	4	13	31.8					
				F	4	17	0.0					
	Ômiya	" 25	0	P	4	13	36.1					
				S	4	13	54.5					
				M <sub>N</sub>	4	13	55.9	+ 30				
				M <sub>E</sub>	4	?			+ 48			
				C	4	14	56.9					
				F	4	16	8.9					
200	Numadu	" 25	0	iP	4	59	13.4	+ 3	- 10	+ 10		Ditto
				iS	4	59	32.1					
				M <sub>N</sub>	4	59	54.8	+ 155			1.4	
				M <sub>z</sub>	4	59	54.9			- 91	1.0	
				M <sub>E</sub>	4	59	58.7		- 280		1.4	
				C	5	01	24.0					
				F	5	08	0.0					
	Itô	" 25	0	iP	4	59	16.3	- 13	+ 9		2.0	
				iS	4	59	32.8	- 125	+ 100			
				F	5	06	50.0					
	Gotenba	" 25	0	e	4	59	7.5					

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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					
201	Ômiya	Oct. 25	0	F	5	12	44.8									
				P	4	59	16.5									
				M <sub>H</sub>	—	—	—	+ 220	+ 130							
				F	5	06	5.5									
	Numadu	" 25	0	e	11	19	7.6					SE off the cape of Nozima.				
	202	Numadu	" 25	III	iP	15	30	49.6	- 28	+ 138	- 198			SSE off the cape of Nozima.		
					iS	15	31	8.7								
					M <sub>E</sub>	15	31	8.9		+8700		1.8				
					M <sub>Z</sub>	15	31	9.0			+3000	2.4				
					M <sub>N</sub>	15	31	9.2	+3300			1.8				
C					15	32	19.6									
F					15	44	50.0									
203	Itô	" 25	III	iP	15	30	47.2	- 100	+ 275							
				eS	15	31	1.9									
				M <sub>N</sub>	15	31	4.7	>-1075			1.3					
				M <sub>E</sub>	15	31	9.7		>-1475		1.4					
				C	15	37	24.7									
				F	15	43	0.0									
				Gotenba	" 25	II	iP	15	30	36.5	- 55	+ 90				
							S	15	30	54.5						
M <sub>H</sub>	—	—	—				>2000	>2000								
F	15	44	54.5													
Ômiya	" 25	II	P	15	30	55.4										
			S	15	31	16.1	+1090	1100								
			M <sub>H</sub>	15	31	41.4										
			C	15	35	45.2										
			F	15	39	0.7										
204	Itô	" 25	0	eP	15	43	45.1					Ditto.				
				S	15	43	59.8									
				F	15	45	0.0									
	Ômiya	" 25	0	P	15	43	46.8									
				S	15	44	6.0									
				M <sub>N</sub>	15	44	6.0	+ 15								
				M <sub>E</sub>	15	44	14.4		+ 15							
				F	15	45	18.0									
	Numadu	" 26	0	iP	9	34	28.1						Middle part of Mie Prefecture.			
				M <sub>E</sub>	9	34	40.8		+ 80		1.2					
F				9	42	0.0										
Itô	" 26	0	iP	9	34	7.0	- 15	- 7								
			iS	9	35	0.0										
			L	9	36	7.0										
			F	9	40	0.0										
Gotenba	" 26	0	e	9	34	24.4										
			F	9	44	29.1										
Ômiya	" 26	0	P	9	34	21.1										
			S	9	35	5.0										
			M <sub>N</sub>	9	35	7.3	+ 70									
			M <sub>E</sub>	9	35	11.9		+ 105								
			C	9	37	10.8										
			F	9	40	48.7										
205	Numadu	" 27	0	P	16	25	45.9									
				S	16	25	52.0									
				F	16	28	30.0									
Gotenba	" 27	0	e	16	25	44.0										
			F	16	28	5.5										
Ômiya	" 27	0	P	16	25	51.3										
			S	16	25	58.8										
			M <sub>N</sub>	16	26	1.3	40									
			M <sub>E</sub>	16	26	1.3		35								
			C	16	26	23.8										

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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			
206	Numadu	Oct. 29	0	F	16	26	58.8					Distant earthquake.		
				eP	18	43	52.2							
				S	18	44	49.9							
	Itô	" 29	0	F	19	02	0.0							
				iP	18	43	44.6							
				iS	18	47	44.6							
	Gotenba	" 29	0	F	19	02	0.0							
				e	18	43	53.4							
				F	19	21	21.2							
207	Numadu	Nov. 2	0	eP	15	01	41.8					Distant earthquake.		
				F	16	02	0.0							
	Itô	" 2	0	eP	15	01	38.7							
				S	15	04	32.5							
				L	15	06	0.0							
				F	15	26	0.0							
	Gotenba	" 2	0	e	15	01	45.2							
				F	15	40	51.5							
	208	Numadu	" 2	III	P	20	46	59.2						E off Kinkwasan Island. long 142° 0 E lat 38° 4 N Some houses were damaged in Miyagi Prefecture.
S					20	47	49.4							
M <sub>N</sub>					20	48	10.7	+16790			3.8			
M <sub>Z</sub>					20	48	12.3				3.4			
M <sub>E</sub>					20	48	13.3		-18820	-3910	3.8			
C					20	50	23.0							
Itô		" 2	III	F	21	48	0.0							
				eP	20	47	2.0	- 10	- 8		0.5			
				S	20	47	42.0							
Gotenba		" 2	III	M <sub>N</sub>	20	48	48.7	± >2325				2.5		
				F	21	29	0.0							
				iP	20	47	1.0							
				S	20	47	42.1							
Ômiya		" 2	III	M <sub>H</sub>	21	05	35.7	>2000	>2000					
				C	22	16	25.8							
	F			22	16	25.8								
	P			20	47	17.8								
209	Numadu	" 2	0	S	20	48	0.8							
				C	20	58	10.4							
	Gotenba	" 2	0	F	21	15	48.0							
				eP	22	44	38.3							
210	Numadu	" 5	0	eS	22	45	38.0					?		
				F	22	53	0.0							
				e	7	38	57.6							
211	Numadu	" 6	0	e	22	44	16.1					Sendai.		
				F	22	50	1.7							
212	Numadu	" 7	0	eP	5	29	46.3					NE off Kinkasan Island.		
				eS	5	29	35.4							
				F	5	33	0.0							
	Gotenba	" 7	0	e	5	29	35.0							
				F	5	32	32.7							
	Ômiya	" 7	0	P	5	29	30.0							
				F	5	31	39.0							
	213	Numadu	" 7	0	e	17	13	9.7						Neighbourhood of Mt. Tukuba.
					e	17	13	16.7						
Gotenba	" 7	0	F	17	14	55.0								

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No.	Station	Date	Intensity	Phase	Tim eof occurrence			Amplitude				Epicentre	
					C.	M.	T.	AN	AE	Az	Period		
					h	m	s	μ	μ	μ	s		
214	Ōmiya	Nov. 7	0	P	17	13	9.8					Kasimanada.	
				S	17	13	27.1						
				F	17	14	28.0						
	Numadu	" 8	0	P	6	33	58.7						
				S	6	34	43.9						
				Mz	6	34	47.7			+ 66	1.6		
				ME	6	34	58.5		- 75		1.7		
			MN	6	35	2.2	- 66			1.8			
			C	6	36	5.0							
			F	6	43	0.0							
	Itô	" 8	0	P	6	33	56.7						
				S	6	34	20.4						
				L	6	34	37.9						
				F	6	37	30.0						
	Gotenba	" 8	0	e	6	13	50.0						
				F	6	21	45.0						
	Ōmiya	" 8	0	P	6	14	17.4						
				S	6	34	30.7						
				MN	6	34	48.0	+ 43					
				ME	6	34	48.0		+ 50				
				C	6	35	9.9						
			F	6	36	30.4							
215	Numadu	" 8	0	e	9	21	17.1				E off Kinkasan 's'and.		
216	Gotenba	" 8	0	e	10	00	55.4				?		
				F	10	04	6.8						
217	Numadu	" 10	0	e	6	36	49.9				Upper valley of the R. Yahagi, Aiti Prefecture.		
	Ōmiya	" 10	0	P	(Time is inaccurate)								
218	Numadu	" 10	0	eP	15	18	19.4				S off Kinkasan Island.		
				eS	15	19	15.0						
				F	15	24	0.0						
	Itô	" 10	0	eP	15	18	29.6						
				S	15	19	0.2						
				F	15	21	10.0						
	Gotenba	" 10	0	e	15	18	10.0						
				F	15	21	1.0						
	Ōmiya	" 10	0		(Time is inaccurate)								
219	Numadu	" 11	0	e	9	50	27.0				SE off Kinkasan Island.		
	Gotenba	" 11	0	e	9	50	5.0						
				F	9	52	27.4						
220	Numadu	" 12	0	e	2	20	8.8				Distant earthquake, Mariana Islands		
	Gotenba	" 12	0	e	2	20	13.0						
				F	2	26	31.0						
221	Numadu	" 12	0	e	2	23	40.4				?		
222	Numadu	" 12	0	P	20	07	48.0				Neighbourhood of Etorohu Island.		
				F	20	16	0.0						
	Gotenba	" 12	0	e	20	07	28.0						
				F	20	15	40.6						
223	Gotenba	" 13	0	e	3	09	59.5				Misima.		
				F	3	12	5.8						
224	Numadu	" 13	0	P	12	37	13.0				Distant earthquake, Kamchatka.		
				F	14	08	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	Nov. 13	0	P	12	37	13.7								
				S	12	43	7.6								
				L	12	49	22.6								
				F	13	44	0.0								
	Gotenba	" 13	0	e	12	37	9.8								
				F	13	50	24.8								
225	Numadu	" 14	0	P	0	59	17.5	$\pm 350$	+	322	2.4	ESE off Kinkasan Island.			
				S	1	00	23.5								
				MN	1	00	49.2								
				ME	1	01	3.2								
				C	1	02	22.0								
				F	1	13	40.0								
	Itô	" 14	0	P	0	59	6.1								
				S	1	00	17.3								
226	Gotenba	" 14	0	eP	0	59	7.3	$+ 375$	-	450	2.2	S part of the coast of Kuzyukurihama.			
				S	1	00	4.0								
				MN	1	00	29.0								
				ME	1	00	42.3								
				C	1	03	24.8								
				F	1	11	2.7								
226	Numadu	" 14	0	e	3	12	1.2								
				Itô	" 14	0	P						3	11	55.3
							S						3	12	0.2
	Gotenba	" 14	0	F	3	12	46.7								
				e	3	11	59.0								
227	Gotenba	" 14	0	F	3	15	24.4								
				e	18	33	20.8								
227	Numadu	" 14	0	e	18	33	29.0					E off the cape of Sioya.			
	Gotenba	" 14	0	e	18	33	29.0								
	F	" 14	0	e	18	40	3.0								
228	Numadu	" 14	0	e	19	34	8.7					Off Kinkasan Island.			
229	Numadu	" 15	0	e	13	02	43.8					SE off Kinkasan Island.			
				e	13	03	4.0								
	Gotenba	" 15	0	F	13	08	0.9								
230	Numadu	" 15	0	e	14	29	30.6					Off the cape of Inubô.			
				e	14	29	15.5								
	Gotenba	" 15	0	F	14	32	25.2								
231	Numadu	" 15	0	e?	22	00	35.3					Distant earthquake.			
232	Numadu	" 16	0	e	3	23	58.5					Off Kinkasan Island.			
233	Numadu	" 16	0	eP	3	52	13.4					?			
				eS	3	52	31.2								
				F	3	55	50.0								
234	Numadu	" 17	0	eP	19	55	2.6					E off Kinkasan Island.			
				eS	19	55	56.2								
				F	20	02	0.0								
	Gotenba	" 17	0	e	19	55	9.0								
				F	20	01	56.0								
235	Ômiya	" 17	0	P	19	55	43.6	$7 ? + 10$							
				F	19	55	11.2								
				MH	19	56	18.4								
				C	19	56	31.6								
				F	19	57	36.4								
235	Numadu	" 19	0	eP	13	12	1.3					E off the cape of Sioya.			
				S	13	12	26.7								

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No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre			
					g.	m.	s.	AN	AE	Az	Period				
236	Itô	Nov. 19	0	F	h	m	s					E part of Yamanasi Prefecture.			
				eP	13	16	0.0	$\mu$	$\mu$	$\mu$					
				S	13	13	26.7								
				P	13	15	30.0								
	Gotenba	" 19	0	e	13	11	57.7								
				P	13	16	29.5								
	Numadu	" 19	III	iP	13	57	5.1	- 86	- 18	+ 83					
				S	13	57	26.2								
				M <sub>N</sub>	13	57	27.0	-2120			1.8				
				M <sub>Z</sub>	13	57	27.5			- 263	1.4				
				M <sub>E</sub>	13	57	32.2		+2000		1.9				
				C	13	58	15.0								
				F	14	06	0.0								
	Itô	" 19	III	iP	13	57	19.3	- 25	+ 28						
				S	13	57	27.3								
				M <sub>N</sub>	13	57	29.1	- 375			0.5				
				M <sub>E</sub>	13	57	30.3		+ 463		0.5				
				C <sub>N</sub>	13	59	48.7	$\pm$ 38							
				F	14	03	10.0								
	Gotenba	" 19	III	iP	13	57	8.5	- 125	- 25						
				S	13	57	13.5								
				M <sub>N</sub>	13	57	17.5	+1025							
				M <sub>E</sub>	13	57	17.5		- 975						
C				14	00	32.8									
Ômiya	" 19	III	P	13	57	8.4	- 60	- 65							
			S	13	57	15.2									
			M <sub>N</sub>	13	57	15.2	+ 840								
			M <sub>E</sub>	13	57	15.2		+1300							
			C	13	59	31.0									
237	Numadu	" 21	0	e	6	43	45.0				Hunatu, Yamanasi Prefecture.				
238	Numadu	" 21	0	P	21	49	2.4				SE off Kinkasan Island.				
				S	21	49	42.8								
				M <sub>E</sub>	21	50	13.0		+ 100			2.2			
				M <sub>N</sub>	21	50	36.5	- 125				2.3			
				M <sub>Z</sub>	21	50	37.8			+ 23		2.2			
				C	21	52	29.0								
				F	22	00	0.0								
				Itô	" 21	0	P	21	49	10.3					
							S	21	49	54.4					
							F	21	54	20.0					
Gotenba	" 21	0	eP				21	49	4.6						
			S				21	49	47.5						
			M <sub>N</sub>	21	50	8.0	+ 140								
Ômiya	" 21	0	M <sub>E</sub>	21	50	17.7		+ 200							
			C	21	51	59.9									
			F	22	02	59.6									
239	Numadu	" 25	0	P	21	49	9.0				Neighbourhood of Mt. Koya, Wakayama Prefecture.				
				S	21	49	49.0								
				F	21	50	59.0	+ 160							
				M <sub>E</sub>	21	50	39.0		+ 255						
				C	21	52	19.0								
				F	21	56	9.0								
240	Numadu	" 25	0	e	1	06	50.4				Neighbourhood of the cape of Inubô.				
241	Numadu	" 25	0	eP	10	55	50.5				ESE off the cape of Nosyapu.				
				S	10	56	15.9								
				F	11	00	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		
242	Numadu	Nov. 26	0	e	15	20	14.8					Off Kinkasan Island.	
243	Ômiya	" 27	0	P MN C F	5	05	54.3 54.3 1.0 34.3	?				Neighbourhood of Misima	
244	Ômiya	" 27	0	P S F	18	17	31.0 34.5 6.0					Neighbourhood of Mt. Ena, Nagano Prefecture.	
245	Numadu	" 28	0	e	23	22	37.0					ENE off Miyako.	
246	Numadu	" 29	0	e	22	54	51.6					Distant earthquake.	
247	Numadu	" 30	0	eP F	2	35	35.6 30.0					S off Kinkasan Island.	
	Gotenba	" 30	0	e F	2	34	52.0 17.0						
248	Numadu	" 30	0	e	23	53	14.1					?	
249	Numadu	Dec. 1	0	iP S MN C F	6	11	28.8 28.8 38.0 0.0 0.0	+ 8	+ 48	+ 35		NW off Yaku Island, Long. 129°0 E Lat. 30°7 N Depth about 270km.	
	Itô	" 1	0	iP eS ME C F	6	11	50.0 15.3 44.7 17.8 25.0	+ 26	+ 38		2.4 4.9		
	Gotenba	" 1	0	iP S MN ME C F	6	11	35.6 43.7 51.8 51.8 8.0 8.2	+ 10	+ 45			- 677 + 600	
	Ômiya	" 1	0		(Time is inaccurate)								
250	Numadu	" 8	0	eP F	20	16	37.4 0.0					Neighbourhood of Taleyama, Toyama Prefecture.	
	Gotenba	" 8	0	eP S	20	16	37.6 56.2						
251	Numadu	" 9	0	eP S F	18	53	52.9 26.2 30.0					Off the mouth of the R Ukedo, Hukusima Prefecture.	
	Itô	" 9	0	P F	18	54	20.3 15.0						
	Gotenba	" 9	0	e F	18	53	56.9 58.5						
252	Numadu	" 10	0	eP eS? F	5	15	13.4 42.3 40.0					Kasimanada.	
	Gotenba	" 10	0	e F	5	15	3.1 14.7						
253	Numadu	" 10	I	iP S ME Mz MN C F	13	26	11.6 29.3 30.2 31.3 36.0 17.0 30.0	- 6	+ 14	- 18		NE off Miyake Island, Long. 140°1 E Lat. 34°4 N	
									- 154		1.5 1.4 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	$\mu$	$\mu$	$\mu$	s	
	Itô	Dec. 10	II	eP	13	26	9.0	$\pm 125$			0.9	
				S	13	26	24.9					
MN	13	26	29.5									
F	13	33	0.0									
	Gotenba	" 10	I	iP	13	26	16.6	$+ 100$	$- 145$			
				S	13	26	35.1					
				ME	13	26	47.4					
				MN	13	26	58.5					
				C	13	28	42.8					
			F	13	34	57.5						
	Ômiya	" 10	0		(Time is inaccurate)							
254	Itô	" 11	0	eP	10	28	15.2					SE off Bôsô peninsula.
				S	10	28	26.4					
				F	10	30	0.0					
255	Numadu	" 13	0	e	22	35	47.7	$+ 23$	$- 18$		2.4 2.3	Saipan.
			ME	22	36	49.3						
			MN	22	37	19.2						
			F	22	45	20.0						
256	Numadu	" 21	0	eP	18	09	55.7					NW off Idu-Ôsima Island.
				S	18	10	5.3					
				F	18	15	0.0					
	Itô	" 21	0	iP	18	09	53.4	$- 5$	$+ 10$		1.2	
				S	18	09	57.1					
				MN	18	09	58.3					
				ME	18	10	2.1					
				F	18	12	40.0					
257	Itô	" 22	0	eP	18	16	13.0					Idu Niizima Island.
				F	18	17	13.0					
258	Numadu	" 23	0	e	12	14	2.0					SE off the cape of Nozima.
				F	12	28	20.0					
	Itô	" 23	0	eP	12	15	12.0					
				F	12	18	0.0					
	Gotenba	" 23	0	e	12	15	4.5					
				F	12	22	46.2					
259	Numadu	" 23	0	e	14	43	23.0					Ditto.
				F	14	49	0.0					
260	Numadu	" 23	0	P	22	56	23.7	$+ 109$	$+ 125$	$+ 35$	1.0 1.8 1.8	Off the cape of Sioya, Long. 141.°1 E. Lat. 37.°0 N.
				S	22	56	57.7					
				Mz	22	57	19.7					
				MN	22	57	20.2					
				ME	22	57	29.9					
				C	22	58	7.7					
				F	23	04	30.0					
				iP	22	56	24.5					
				iS	22	56	54.7					
				ME	22	56	56.5					
	Itô	" 23	0	MN	22	57	0.3	$- 75$	$\pm 108$		0.8 0.9 1.0 1.0 1.0	
				C	22	57	41.7					
				F	23	01	10.0					
				eP	22	56	15.3					
				S	22	56	48.0					
	Gotenba	" 23	0	C	22	58	25.3					
				F	23	04	26.9					
				P	22	56	15.3					
	Ômiya	" 23	0	M	About 23h.			$+ 70$	$+ 95$			
					(Time is inaccurate)							
261	Numadu	" 26	0	eP	16	47	17.2					NW off Idu Niizima Island.

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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	
262	Itô	Dec. 26	0	S	16	47	28.8					Ditto.
				F	16	51	47.7					
				P	16	47	14.6					
	Gotenba	" 26	0	S	16	47	21.0					
				F	16	49	50.0					
	Numadu	" 26	0	e	16	47	18.3					
				F	16	50	21.3					
	Itô	" 26	0	P	17	05	26.0					
				S	17	05	36.7					
	Gotenba	" 26	0	F	17	10	20.0					
				P	17	05	22.4					
	Itô	" 26	0	S	17	05	28.8					
F				17	06	10.0						
Gotenba	" 26	0	e	17	05	41.9						
			F	17	11	48.2						
Ômiya	" 26	0	P	About 17h. (Time is inaccurate)								
263	Itô	" 26	0	P	17	06	33.2	- 94	+ 89	+ 18	2.0	Ditto.
				S	17	06	38.7					
				F	17	08	10.0					
264	Numadu	" 26	0	eP	18	34	50.0				2.0	N part of kasimanada.
				MN	18	35	46.2					
				ME	18	35	50.6					
				Mz	18	35	53.1					
	Itô	" 26	0	F	18	40	17.0					
				P	18	34	49.9					
				S	18	35	10.4					
	Gotenba	" 26	0	F	18	38	50.0					
				eP	18	34	48.2					
	Itô	" 26	0	S	18	35	15.0					
				F	18	42	48.2					
	Ômiya	" 26	0	P	About 18h 30m (Time is inaccurate)							
265	Numadu	" 27	0	P	0	12	23.1				3.3	NW off Idu Niizima Island.
				S	0	12	32.6					
				F	(Fall on No. 266) (Superpose No. 266 and time is uncertain)							
	Itô	" 27	0	P	0	12	18.7					
				S	0	12	26.4					
	Gotenba	" 27	0	F	0	14	48.7					
e				0	12	35.0						
Itô	" 27	0	F	0	14	56.4						
			P	About 9h. (Time is inaccurate)								
266	Numadu	" 27	I	iPz	0	14	57.8	- 220	+ 89	- 140	3.3	NW off Idu Niizima Island. Destructive earthquake Long. 139°10' E., Lat. 34°25' N. 3 men were killed instantly, 77 persons were seriously injured, and 35 houses crushed down.
				iPN	0	14	57.9					
				iPE	0	14	58.0					
				iS	0	15	8.4					
				Mz	0	15	10.5					
				ME1	0	15	47.0					
				MN	0	15	50.6					
				ME2	0	17	30.7					
C	0	20	26.7									
				+3640	+1775	- 768	3.3					
					+2070		3.0					

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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	Dec. 27	III	F P S ME	0	34	37.0	- 15	+ 15			5.1	
					0	14	48.7	+ 153	+ 35			2.6	
					0	15	14.3		-2300				
				F	(Seperpose No. 267 and time is uncertain)								
	Gotenba	" 27	I	iP S M C F	0	14	56.4	- 110	+ 15				
					0	15	14.2						
					(Uncertain)								
					0	28	12.8	>2000	>2000				
					0	34	54.7						
	Ômiya	" 27	I	P	Adout 9h 15m (Time is inaccurate)								
267	Itô	" 27	II	P S F	0	16	22.4						Aftershock of No. 266
					0	16	28.6						
					0	34	10.0						
268	Numadu	" 27	0	eP S F	0	34	50.2						Ditto.
					0	35	0.6						
					0	41	11.0						
	Itô	" 27	0	P S F	0	34	51.0						
					0	34	59.0						
					0	36	40.0						
	Gotenba	" 27	0	e F	0	34	54.7						
					0	41	29.2						
269	Numadu	" 27	0	e	0	45	12.0						Ditto.
270	Numadu	" 27	0	e	0	48	25.0						Ditto.
271	Numadu	" 27	0	e F	1	00	48.7						Ditto.
					1	03	52.0						
	Itô	" 27	0	eP F	1	00	49.0						
					1	02	40.0						
272	Numadu	" 27	0	e	1	10	47.2						Ditto
273	Numadu	" 27	0	P S F	1	26	4.0						Ditto.
					1	26	14.6						
					1	33	32.0						
	Itô	" 27	0	iP S F	1	26	1.7						
					1	26	9.2						
					1	29	40.0						
	Gotenba	" 27	0	e F	1	26	7.0						
					1	32	8.0						
274	Itô	" 27	0	eP F	1	31	13.0						Ditto.
					1	31	55.0						
275	Numadu	" 27	0	iP S Mz ME MN C F	1	36	18.7	- 16	+ 7	- 27			Ditto.
					1	36	29.1						
					1	36	37.2			+ 62	1.4		
					1	36	41.4		- 179		1.9		
					1	37	12.3	+ 125			2.4		
					1	38	42.3						
					1	45	30.0						
	Itô	" 27	0	iP S F	1	36	18.0	- 38	+ 16				
					1	36	26.0						
					1	42	10.0						
	Gotenba	" 27	0	e F	1	36	17.4						
					1	44	55.0						



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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	Dec. 27	0	P	1	36	35.7						
				S	1	36	48.4						
				MH	1	36	51.9	+ 80	+ 125				
				C	1	38	10.1						
				F	1	39	30.6						
276	Itô	" 27	0	eP	2	01	54.2						Ditto.
				F	2	02	19.9						
277	Numadu	" 27	0	e	2	07	42.4						Ditto.
				F	2	09	0.0						
	Itô	" 27	0	eP	2	07	26.7						
				F	2	08	37.5						
278	Numadu	" 27	0	e	2	12	27.0						Ditto.
279	Numadu	" 27	I	iP	2	12	36.7	- 50	+ 32	- 44			Ditto.
				iS	2	12	52.3						
				ME	2	13	1.9		+ 572			1.7	
				MN	2	13	10.2	- 625				1.8	
				Mz	2	13	20.0			+ 228		2.0	
				C	2	17	27.3						
				F	2	27	30.0						
	Itô	" 27	I	iP	2	12	39.1	- 100	+ 50				
				S	2	12	47.8						
				ME	2	13	12.8		- 382			5.0	
				F	2	25	10.0						
	Gotenba	" 27	0	iP	2	12	41.2	- 20	+ 10				
				S	2	12	54.6						
				MN	2	13	21.3	-1700					
				ME	2	13	54.7		-1065				
				C	2	20	45.0						
				F	2	26	28.6						
	Ômiya	" 27	I	P	2	12	46.5						
				S	2	12	50.0						
				MH	2	13	26.8	+ 740	+ 850				
				C	2	16	5.5						
				F	2	20	53.0						
280	Numadu	" 27	0	P	2	28	13.8						Ditto.
				S	2	28	24.3						
				F	2	38	20.0						
	Itô	" 27	0	P	2	28	11.5						
				S	2	28	19.2						
				F	2	31	50.0						
	Gotenba	" 27	0	e	2	28	12.8						
				F	2	38	9.6						
	Ômiya	" 27	0	P	2	28	13.8						
				S	2	28	23.8						
				MH	2	28	54.1	+ 40	+ 25				
				C	2	29	2.2						
				F	2	30	34.2						
281	Itô	" 27	0	P	2	31	48.0						Ditto.
				S	2	31	55.7						
				F	2	34	40.0						
282	Numadu	" 27	0	P	2	41	45.0						Ditto.
				S	2	41	55.1						
				F	2	44	45.0						
	Itô	" 27	0	eP	2	41	46.7						
				F	2	42	38.7						
283	Numadu	" 27	0	e	2	47	47.4						Ditto.
				F	2	50	55.0						
284	Numadu	" 27	0	e	2	51	38.2						Ditto.

[1936]



No.	Station	Date	Intensity	Phase	Time of occurrence			Amplitude				Epicentre	
					G.	M.	T.	AN	AE	Az	Period		
					h	m	s	$\mu$	$\mu$	$\mu$	s		
285	Itô	Dec. 27	0	eP	3	23	43.0					Ditto.	
				F	3	24	15.0						
286	Numadu	" 27	0	P	3	31	49.2					Ditto.	
				S	3	32	1.0						
				F	3	32	40.0						
	Itô	" 27	0	eP	3	31	48.0					Ditto.	
				F	3	32	50.0						
	Gotenba	" 27	0	e	3	31	58.8					Ditto.	
				F	3	35	56.4						
287	Numadu	" 27	0	e	3	33	52.0					Ditto.	
	Itô	" 27	0	eP	3	33	38.0					Ditto.	
				F	3	34	30.0						
288	Itô	" 27	0	eP	3	51	41.7					Ditto.	
				F	3	52	25.0						
289	Numadu	" 27	0	e	5	08	31.0					Ditto.	
290	Numadu	" 27	0	e	5	11	38.7					Ditto.	
291	Numadu	" 27	0	e	7	59	18.4					Ditto.	
				F	8	03	46.0						
	Itô	" 27	0	eP	7	59	34.2					Ditto.	
				S	7	59	41.7						
				F	8	02	10.0						
292	Numadu	" 27	0	P	12	32	10.5					Ditto.	
				S	12	32	26.0						
				F	12	39	52.0						
	Itô	" 27	0	eP	12	32	8.0					Ditto.	
				F	12	37	57.0						
	Gotenba	" 27	0	eP	12	32	13.3					Ditto.	
				S	12	32	31.7						
				F	12	44	34.0						
	Ômiya	" 27	0	P	About 12h 30m (Time is inaccurate)							Ditto.	
293	Numadu	" 27	0	e	12	42	1.0					Ditto.	
294	Numadu	" 27	0	iP	13	45	42.6	- 8	+ 2			Ditto.	
				S	13	45	56.5						
				ME	13	46	16.4						
				MN	13	46	32.4						- 256
				C	13	47	42.8						
				F	13	58	0.0						
	Itô	" 27	0	P	13	45	38.0					Ditto.	
				S	13	46	1.7						
				F	13	52	10.0						
				eP	13	44	49.7						- 275
				S	13	46	7.1						
				ME	13	46	7.1						
MN	13	47	45.0										
	Gotenba	" 27	0	C	13	50	43.4					Ditto.	
				F	14	04	32.0						
295	Numadu	" 27	0	e	13	58	26.4					Ditto.	
	Ômiya	" 27	0	P	About 14h (Time is inaccurate)							Ditto.	
296	Numadu	" 27	0	P	18	20	6.8					Ditto.	
				S	18	20	19.5						



[1936]



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	18	25	0.0					
	Itô	Dec. 27	0	eP	18	20	3.1					
				F	18	23	10.0					
	Gotenba	" 27	0	e	18	20	21.9					
				F	18	28	26.2					
297	Numadu	" 27	0	P	21	35	11.6					Ditto.
				S	21	35	25.7					
				F	21	41	30.0					
	Itô	" 27	0	eP	21	35	7.0					
				F	21	40	10.0					
	Gotenba	" 27	0	e	21	35	25.5					
				F	21	42	3.5					
298	Numadu	" 27	0	P	23	38	41.6					Ditto.
				S	23	38	51.6					
				F	23	42	30.0					
	Itô	" 27	0	eP	23	38	22.4					
				S	23	38	30.1					
				F	23	42	10.0					
	Gotenba	" 27	0	e	23	38	47.1					
				F	23	46	18.7					
299	Numadu	" 28	0	e	0	27	6.7					Ditto.
				F	0	29	55.0					
	Itô	" 28	0	eP	0	27	2.0					
				F	0	27	10.0					
300	Numadu	" 28	0	eP	1	01	35.3					Ditto.
				S	1	01	46.0					
				F	1	03	38.0					
	Itô	" 28	0	eP	1	01	36.5					
				F	1	02	40.0					
301	Itô	" 28	0	eP	14	05	52.3					Kasimanada ?
				F	14	06	45.0					
	Gotenba	" 28	0	e	14	05	39.2					
				F	14	10	18.7					
302	Numadu	" 28	I	iPN	17	20	11.3	- 39	- 5	- 44		After shnck of No. 266
				S	17	20	23.7					
				Mz	17	20	29.7				1.7	
				ME	17	20	49.1		+ 555	+ 193	2.2	
				MN	17	21	0.6	+ 610			2.4	
				C	17	23	34.0					
				F	17	32	25.0					
	Itô	" 28	II	eP	17	20	8.0					
				S	17	20	16.5					
				ME	17	20	19.5		- 725		1.0	
				MN	17	20	19.6	+ 688			1.0	
				CE	17	23	0.4		± 61		5.1	
				F	17	30	10.0					
	Gotenba	" 28	0	iP	17	20	26.3	- 25	- 15			
				S	17	20	33.3					
				MN	17	20	48.8	-1035				
				ME	17	21	12.0		- 704			
				C	17	24	20.9					
				F	17	32	25.6					
	Ômiya	" 28	0	F	abut 17h 20m (Time is inaccurate)							
303	Numadu	" 28	0	e	17	55	34.1					Ditto.

[1936]



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	17	58	20.0					
	Itô	Dec. 28	0	eP	17	55	28.4					
				F	17	56	36.0					
304	Numadu	" 28	0	P	22	23	25.5					Ditto.
				S	22	23	36.8					
				F	22	26	20.0					
	Itô	" 28	0	eP	22	23	29.8					
				F	22	24	10.0					
	Gotenba	" 28	0	e	22	23	31.0					
				F	22	26	34.9					
305	Numadu	" 28	0	e	22	27	28.3					Ditto.
				F	22	29	50.0					
	Gotenba	" 28	0	e	22	27	24.9					
				F	22	29	43.0					
306	Numadu	" 28	0	e	22	51	35.3					Ditto.
				F	22	55	0.0					
	Itô	" 28	0	eP	22	51	29.0					
				F	22	52	10.0					
307	Itô	" 28	0	eP	22	52	13.6					Ditto.
				F	22	53	30.0					
308	Numadu	" 28	0	e	23	10	24.8					Ditto.
309	Numadu	" 28	0	e	23	23	11.0					Ditto.
310	Numadu	" 29	0	P	0	57	44.6					Ditto.
				S	0	57	54.8					
				F	1	01	15.0					
	Itô	" 29	0	eP	0	57	45.4					
				F	0	59	10.0					
311	Numadu	" 29	0	P	8	29	25.1					Off the cape of Sioya.
				S	8	29	36.1					
				F	8	32	0.0					
	Itô	" 29	0	eP	8	29	27.0					
				F	8	30	10.0					
312	Numadu	" 29	0	e	11	58	32.5					Aftershock of No. 266
313	Numadu	" 29	0	e	14	57	44.6					Ditto.
				F	15	08	20.0					
	Itô	" 29	0	e	14	57	40.2					
				S	14	57	48.0					
				F	14	59	10.0					
314	Numadu	" 31	0	e	0	19	29.3					SSW off Idu Peninsula.
				F	0	21	15.0					

(THE END)

昭和十二年三月二十五日印刷

昭和十二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