

No.	Date	Phase	Time			Period	Amplitude		Δ	Remarks
			G.	M.	T.		A _E	A _N		
			h	m	s	s	μ	μ	km.	
1	Jan. 2	P _N	22	39	37				104	
		L _N	22	39	51					
		F _N	22	41	56					
2	Jan. 6	P _N	9	38	54				82	Near Simabara, Nagasaki prefecture.
		L _N	9	39	05					
		F _N	9	40	24					
3	Jan. 6	P _N	14	50	11				200	
		L _N	14	50	38					
		F _N	14	52	59					
4	Jan. 11	P	12	24	57				200	Near Mt. Kirisima.
		L	12	25	24					
		M _E	12	25	33	1.1	+58			
		M _N	12	25	36	1.0		+52		
		F	12	31	58					
5	Jan. 11	P	15	57	21				171	Probably in the Hiuganada.
		L	15	57	44					
		M _N	15	57	49	1.8		-65		
		F	16	02	34					
6	Jan. 12	P _N	5	56	46				82	Near Simabara, Nagasaki prefecture.
		L _N	5	56	57					
		F _N	5	58	00					
7	Jan. 14	P _N	3	04	54				74	Ditto.
		L _N	3	05	04					
		F _N	3	06	04					
8	Jan. 14	P _N	5	53	29				74	Ditto.
		L _N	5	55	39					
		M _N	5	56	23	3.3		+9		
		F _N	6	01	17					
9	Jan. 14	P _N	7	52	59				82	Ditto.
		L _N	7	53	10					
		F _N	7	54	09					
10	Jan. 16	P _N	8	59	29				82	Ditto.

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No.	Date	Phase	Time			Period	Amplitude		Δ	Remarks
			G.	M.	T.		A _E	A _N		
			h	m	s	s	μ	μ	km.	
11	Jan. 19	LN	8	59	40				89	Ditto.
		FN	9	00	38					
		PN	5	12	01					
12	Jan. 19	LN	5	12	13				126	
		FN	5	14	31					
		PN	22	38	48					
13	Jan. 26	LN	22	39	05				89	Near Simabara, Nagasaki prefecture.
		FN	22	40	47					
		PN	5	54	56					
14	Feb. 2	LN	5	55	08				2459	Distant earthquake.
		FN	5	56	15					
		eP _E	1	17	19					
15	Feb. 2	eL _E	1	21	45				3519	Ditto.
		F _E	2	44	53					
		P	5	13	54					
		S	5	18	49					
		L	5	21	02					
		M _E	5	24	05	27.6	+2250			
		M _N	5	24	56	21.3		-108		
		C _{1E}	5	36	29	18.2	-330			
C _{2E}	5	43	52	18.2	-243					
16	Feb. 3	F	7	40	01				2656	Distant earthquake.
		P	16	07	57					
		L	16	13	10					
		M _E	16	17	10	18.0	± 3600			
		M _{1N}	16	15	56	11.3		+833		
		M _{2N}	16	20	12	15.6		>979		
		M _{3N}	16	24	37	14.4		>938		
17	Feb. 5	F	20	49	03				-	
		P		-						
		eL _E	23	18	19					
18	Feb. 8	F _E	0	39	47				-	
		P		-						
		eL _E	8	10	56					

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No.	Date	Phase	Time			Period	Amplitude		△	Remarks
			G.	M.	T.		A _E	A _N		
			h	m	s	s	μ	μ	km.	
19	Feb. 8	FN	9	05	29	0.6		-14	82	Near Simabara, Nagasaki prefecture.
		P	16	45	53					
		L	16	46	04					
		MN	16	64	10					
20	Feb. 11	P		—					—	
		eL _E	23	03	01					
		FN	23	54	07					
21	Feb. 12	P		—					—	
		eL _E	2	13	15					
		F _E	3	34	28					
22	Feb. 12	P _N	12	31	10				564	
		L _N	12	32	26					
		F _N	12	38	00					
23	Feb. 13	P _N	22	12	10				93	
		L _N	22	12	23					
		F _N	22	13	03					
24	Feb. 16	P		—					—	Distant earthquake.
		eL _E	9	21	24					
		F		—						
25	Feb. 16	P		—					—	Ditto.
		eL	9	25	31					
		F _E	9	45	31					
26	Feb. 21	P		—					—	
		eL _E	1	15	29					
		F _E	1	41	17					
27	Feb. 23	eP	5	58	35	12.0	-30		4285	Distant earthquake.
		eS	6	03	48					
		eL	6	07	40					
		M _E	6	11	01					
		F	7	31	50					
28	Feb. 24	P	7	40	58				4395	Ditto.

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No	Date	Phase	Time			Period	Amplitude		Δ	Remarks
			G.	M.	T.		A _E	A _N		
			h	m	s	s	μ	μ	km.	
		S	7	46	31					
		L	7	50	20					
		M _{1E}	7	51	54	26.5	-1775			
		M _{2E}	7	54	34	24.5	-2155			
		F	10	21	40					
29	Feb. 28	P _N	9	40	47				150	
		L _N	9	41	07					
		F _N	9	42	59					
30	Mar. 1	P _N	17	33	51				82	Near Simabara, Nagasaki prefecture.
		L _N	17	34	02					
		F _N	17	35	49					
31	Mar. 2	eP	16	54	43				3532	Distant earthquake.
		eL	17	01	53					
		F	17	34	52					
32	Mar. 3	P _N	10	26	35				772	
		eL _N	10	28	19					
		F _N	10	35	28					
33	Mar. 4	P _N	5	38	42				534	
		eL _N	5	39	54					
		F _N	5	41	56					
34	Mar. 14	P		—					—	
		eL _E	20	55	41					
		F _E	22	26	40					
35	Mar. 16	eP _E	22	01	29				4899	Distant earthquake.
		L _E	22	12	08					
		M _E	22	14	41	24.8	-150			
		F _E	23	50	12					
36	Mar. 22	P _N	13	10	04				17	Local shock.
		L _N	13	10	06					
		F _N	13	10	59					
37	Mar. 24	P	12	45	44				3925	Distant earthquake.
		S	12	50	03					
		L	12	53	54					

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No.	Date	Phase	Time			Period	Amplitude		△	Remarks
			G.	M.	T.		A _E	A _N		
			h	m	s	s	μ	μ	km.	
38	April 2	M _E	12	56	26	20.0	-2120			
		F	14	03	01					
		P		—						
		eL _E	20	29	50					
		F _E	20	38	41					
39	April 7	P _N	13	37	31				52	
		L _N	13	37	38					
		F		—						
40	April 7	P		—					—	In the central Inland sea.
		L _N	13	38	15					
		F _N	13	40	08					
41	April 13	P _N	8	40	42				61	
		L _N	8	40	51					
		F _N	8	41	34					
42	April 13	eP _E	15	38	15	22.3	+438		3846	Distant earthquake, Probably in the southern sea of Shana.
		L _E	15	46	13					
		M _E	15	48	14					
		F _E	16	06	08					
43	April 17	P _N	1	29	04				126	
		L _N	1	29	21					
		F _N	1	31	41					
44	April 19	P _N	20	17	46				48	
		L _N	20	17	53					
		F _N	20	18	36					
45	April 22	P _N	7	16	19				86	
		L _N	7	16	31					
		F _N	7	17	19					
46	April 22	P _N	8	42	06				125	
		L _N	8	42	23					
		M _N	8	43	25					
47	April 23	eP	3	16	07				2401	In North China.
		S	3	18	56					

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No.	Date	Phase	Time			Period	Amplitude		Δ	Remarks
			G.	M.	T.		A _E	A _N		
			h	m	s	s	μ	μ	km.	
48	May 4	L	3	20	24	12.4	-1400		7678	Distant earthquake, probably in Persia.
		M _E	3	22	29					
		F	4	33	18					
		P _E	16	43	16	17.2	+2375			
		S _E	16	51	42					
		L _E	17	01	00					
M _E	17	00	08							
		F _E	18	08	28					
49	May 7	P	2	38	09	0.5		-29	79	Near Simabara, Nagasaki prefecture.
		L	2	38	20					
		M _N	2	38	23					
		F								
50	May 7	P								Ditto.
		L	2	38	31					
		F	2	40	31					
51	May 8	P _N	2	11	55				59	
		I _N	2	12	03					
		F _N	2	12	55					
52	May 13	P _N	5	12	08				183	
		L _N	5	14	33					
		F _N	5	15	06					
53	May 14	P								
		eL _E	7	12	41					
		F _E	7	36	16					
54	May 21	P _N	15	17	40				71	
		L _N	15	17	49					
		F _N	15	18	48					
55	May 23	P _E	22	43	16				4546	Distant earthquake.
		S _E	22	52	13					
		L _E	22	53	01					
		M _{1E}	22	55	49	17.0	-150			
		M _{2E}	22	57	23	16.6	+110			
		F _E	0	59	04					

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No.	Date	Phase	Time			Period	Amplitude		△	Remarks
			G.	M.	T.		A _E	A _N		
			h	m	s	s	μ	μ	km.	
56	May 26	eP	3	15	44				1852	
		eL	3	18	37					
		F		—						
57	May 26	P	3	33	15				98	
		L	3	33	28					
		M _N	3	33	29	0.5		+54		
		F	3	38	03					
58	May 28	P		—					—	Distant earthquake.
		L		—						
		M _E	1	55	20	20.0		+25		
		F _E	2	52	56					
59	May 31	eP	5	58	09				1172	In the Kasima-Nada.
		eL	6	00	45					
		M _E	6	02	23	126.		+33		
		F	6	50	02					
60	June 1	P	17	27	02				1129	Ditto.
		L	17	29	32					
		M _{1E}	17	31	13	21.1		+2950		
		M _{1N}	17	31	54	18.4		> 958		
		M _{2E}	77	32	02	22.7		+2200		
		M _{2N}	17	33	40	16.2		> 958		
		M _{3N}	17	35	03	15.8				
		F	18	41	09					
61	June 1	P	20	18	01				1259	Ditto.
		L	20	20	49					
		M _E	20	21	50	21.3		-1950		
		M _{1N}	20	21	35	18.0		> 596		
		M _{2N}	20	24	04	15.6		-604		
		F	22	25	13					
62	June 6	P	17	38	49				2329	Distant earthquake.
		S	17	41	39					
		L	17	42	55					
		M _E	17	43	37	16.5		-53		
		F	19	11	53					
63	June 8	P _N	20	20	40				28	

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No.	Date	Phase	Time			Period	Amplitude		Δ	Remarks
			G.	M.	T.		A _E	A _N		
			h	m	s	s	μ	μ	km.	
64	June 18	LN	20	20	43				319	
		FN	20	21	29					
		PN	5	51	17					
		LN	5	52	01					
		FN	5	53	03					
65	June 19	P		—					—	
		eL	7	04	26					
		F	7	08	02					
66	June 22	PN	3	21	09				29	Slight shock felt at Wakamiya, Hukuoka prefecture.
		LN	3	21	13					
		FN	3	22	06					
67	June 22	P	6	55	55				2663	Distant earthquake.
		L	7	00	52					
		M _{1E}	7	04	04	13.5	-1330			
		M _{1N}		—		14.0		> 883		
		M _{2E}	7	05	00	16.6	-1505			
		M _{2N}	7	05	49	15.6		> 855		
		F	7	40	00					
68	June 29	P	10	51	57				2951	Ditto.
		L	10	57	38					
		F	11	13	19					
69	July 1	P		—					—	Ditto.
		L	8	10	46					
		F	8	31	13					
70	July 2	P	2	34	52				2257	Ditto.
		L	2	38	47					
		M _{1E}	2	39	39	16.3	-210			
		M _{2E}	2	40	45	10.0	+310			
		M _{3E}	2	41	41	12.7	+225			
		M _N	2	41	41	13.2		-42		
		F	3	45	34					
71	July 13	P	11	14	27				356	
		L	11	15	15					
		M _{1E}	11	15	49	20.8	-263			

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No.	Date	Phase	Time			Period	Amplitude		Δ	Remarks				
			G.	M.	T.		A _E	A _N						
			h	m	s	s	μ	μ	km.					
72	July 13	M ² _E	11	17	34	22.8	-241		334	Near Tanegasima.				
		F	12	22	29									
		P	23	57	07	5.4	-2680							
		L	23	57	52									
		M _E	23	58	24									
				M _E	23	58	24	4.9				-600		
				F	0	29	25							
73	July 14	P _N	22	19	40				216					
		L _N	22	20	09									
		F _N	22	21	26									
74	July 17	P _N	16	47	49				337					
		L _N	16	48	34									
		F _N	16	53	41									
75	July 20	P _N	16	51	20				571					
		L _N	16	52	37									
		M _N	16	52	59						3.7	-20		
		F _N	17	00	25									
76	July 21	P	18	27	58				229					
		L	18	28	29									
		M _N	18	28	39						1.3	+11		
		F	18	31	44									
77	July 22	P _E	14	25	02				4761	Distant earthquake.				
		S _E	14	30	41									
		L _E	14	35	20									
	M _{1E}	14	36	26	17.6						-30			
	M _{2E}	14	38	59	17.6						-31			
	F _E	16	18	03										
78	Aug. 1	P _N	5	17	10				81	Time is doubtful.				
		L _N	5	17	21									
		F _N	5	21	54									
79	Aug. 11	P							-					
		L _E	1	08	09									
		F _E	1	56	32									

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No.	Date	Phase	Time			Period	Amplitude		Δ	Remarks
			G.	M.	T.		A _E	A _N		
			h	m	s	s	μ	μ	km.	
80	Aug. 12	P	6	02	31				267	
		L	6	03	07					
		F		—						
81	Aug. 12	P	6	11	24				245	
		L	6	11	57					
		M _E	6	12	12	11.9	-400			
		M _N	6	12	27	10.6		-298		
		F	6	59	30					
82	Aug. 12	P	10	08	09				831	
		L	10	10	01					
		M _{1E}	10	11	08	19.8	-280			
		M _{2E}	10	12	03	14.3	-213			
		F	11	15	18					
83	Aug. 16	P _N	3	06	31				53	Slight shock felt at Hosino, Hukuoka prefecture.
		L _N	3	06	38					
		M _N	3	06	39	0.5		-20		
		F _N	3	08	07					
84	Sept. 1	P	3	00	22				798	In the Sagami-Nada. Strong shock felt at the Kwanto region.
		L	3	02	10					
		M _{1E}	3	03	07	17.0	+5475			
		M _{2E}	3	04	05	21.3	-5300			
		M _{3E}	3	07	09		-5075			
		M _{4E}	3	08	05		-5000			
85	Sept. 1	P		—					—	Ditto.
		L _N	4	24	15					
		F		—						
86	Sept. 1	P		—					—	Ditto.
		L _N	4	35	15					
		F		—						
87	Sept. 1	P		—					—	Ditto.
		L _N	5	02	52					
		F		—						
88	Sept. 1	P	5	24	29				853	Ditto.

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No.	Date	Phase	Time			Period	Amplitude		Δ	Remarks
			G.	M.	T.		AE	AN		
			h	m	s	s	μ	μ	km.	
97	Sept. 1	P		—					—	
		L	21	53	16					
		F	22	03	11					
98	Sept. 2	P	2	48	50				779	In the Sagami-Nada. Strong shock felt at the Kwanto region.
		L	2	50	35					
		M _{1E}	2	51	58	20.3	+5238			
		M _{2E}	2	53	02	17.0	-3125			
		C _{1E}	3	00	10	20.0	-650			
		C _{2E}	3	01	57	14.3	+655			
		F		—						
99	Sept. 2	P _N	5	12	37				772	Ditto.
		L _N	5	14	21					
		F _N		—						
100	Sept. 2	P		—					—	Ditto.
		L _N	5	22	44					
		F _N	5	30	27					
101	Sept. 2	P	9	29	04				898	Ditto.
		L	9	31	05					
		M _E	9	32	43	16.2	+600			
		M _{1N}	9	31	41	8.4		-483		
		M _{2N}	9	32	33	13.4		+582		
		F		—						
102	Sept. 2	P	9	51	16				890	Ditto.
		L	9	53	16					
		M _{1N}	9	53	32	6.0		-21		
		M _{2N}	9	53	48	6.0		-19		
		F	10	06	58					
103	Sept. 2	P	13	11	00				764	Ditto.
		L	13	12	43					
		M _{1E}	13	13	43	11.1	+100			
		M _{1N}	13	13	12	10.8		-246		
		M _{2E}	13	14	23	8.0	+103			
		M _{2N}	13	13	26	8.9		+203		
		M _{3N}	13	14	35	7.2		-144		
		C _E	14	17	56					

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No.	Date	Phase	Time			Period	Amplitude		Δ	Remarks
			G.	M.	T.		A _E	A _N		
			h	m	s	s	μ	μ	km.	
104	Sept. 2	F	14	05	37					
		P	14	18	21				779	Ditto.
		L	14	20	06					
		ME	14	21	04	10.8	-85			
		MN	14	20	31	4.0		-27		
105	Sept. 3	F	14	39	36					
		P		—					—	Ditto.
		L _N	0	13	45					
106	Sept. 3	F _N	0	17	18					
		P		—					—	Ditto.
		L _N	1	51	45					
107	Sept. 3	F _N	1	58	41					
		P		—					—	Ditto.
		L _N	8	17	45					
108	Sept. 3	F _N	8	22	47					
		P		—					—	Ditto.
		L	14	34	28					
109	Sept. 4	F	14	45	35					
		P		—					—	Distant earthquake.
		L _E	11	28	22					
110	Sept. 4	F _E	11	46	35					
		P		—					—	In the Sagami-Nada.
		L	22	27	14					
111	Sept. 5	F	22	37	31					
		P		—					—	Ditto.
		L	18	34	23					
112	Sept. 7	F	18	54	07					
		P		—					—	Ditto.
		L _N	15	21	27					
113	Sept. 7	F _N	15	25	14					
		P		—					—	Ditto.
		L _N	17	36	59					
113	Sept. 7	F _N	17	43	14					

No.	Date	Phase	Time			Period	Amplitude		Δ	Remarks
			G.	M.	T.		A _E	A _N		
			h	m	s	s	μ	μ	km.	
114	Sept. 8	P	9	10	47				765	In the Sagami-Nada.
		L	9	12	27					
		F	9	37	38					
115	Sept. 9	P	22	10	40				5795	Distant earthquake.
		S	22	16	18					
		L	22	23	36					
		M _E	22	27	06	19.1	-340			
		M _N	22	25	24	15.6		+52		
		F	23	33	51					
116	Sept. 14	P		—					—	
		L _N	17	15	32					
		F _N	17	19	16					
117	Sept. 16	P _N	22	59	55				312	
		L _N	23	00	37					
		F _N	23	04	09					
118	Sept. 17	P	3	41	43				831	
		eL	3	43	35					
		F	4	40	47					
119	Sept. 17	P		—					—	Distant earthquake.
		L _E	7	42	20					
		F _E	8	39	36					
120	Sept. 22	P	5	28	52				82	Slight shock felt at Hokusima, Hukuoka prefecture.
		L	5	29	02					
		M _N	5	29	03	0.6		-34		
		F	5	31	10					
121	Sept. 22	eP _E	21	06	21				7168	In Persia.
		S		—						
		L _E	21	22	47					
		M _E	21	25	05	17.8	-210			
		F _E	23	01	39					
122	Sept. 23	P _N	3	11	09				182	
		L _N	3	11	33					
		F _N	3	16	01					

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No.	Date	Phase	Time			Period	Amplitude		△	Remarks
			G.	M.	T.		A _E	A _N		
			h	m	s	s	μ	μ	km.	
123	Sept. 24	P _N	11	27	34				215	Probably in the central Inland sea.
		L _N	11	28	01					
		F _N	11	30	39					
124	Sept. 26	P	8	25	51				801	
		L	8	27	39					
		M _{1E}	8	28	42	18.0	+675			
		M _{2E}	8	29	34	16.7	-650			
		M _N	8	28	59	15.6		+1083		
		F	9	51	12					
125	Sept. 29	P		—					—	Distant earthquake.
		L _E	6	59	32					
		F _E	7	25	57					
126	Oct. 3	P	14	22	19				85	In the Bungo channel.
		L	14	22	31					
		M _N	14	22	38	1.4		-27		
		F	14	26	10					
127	Oct. 3	P	15	56	17				890	
		L	15	58	07					
		M _E	15	58	52	9.9	+148			
		M _N	15	58	28	10.0		-92		
		F	16	25	36					
128	Oct. 5	P	13	07	58				720	
		S	13	09	03					
		L	13	09	35					
		F	13	15	13					
129	Oct. 7	P	3	36	46				3605	Distant earthquake.
		S	3	41	54					
		L	3	44	07					
		M _E	3	46	16	24.4	+261			
		F	5	34	42					
130	Oct. 11	P _N	8	21	52				224	
		L _N	8	22	22					
		F _N	8	26	56					
131	Oct. 11	P _N	17	03	10				157	

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No.	Date	Phase	Time			Period	Amplitude		Δ	Remarks
			G.	M.	T.		A _E	A _N		
			h	m	s	s	μ	μ	km.	
132	Oct. 16	LN	17	03	31					
		FN	17	05	01					
		P	—							
		LN	18	08	02					
		FN	18	12	35					
133	Nov. 2	P _N	11	09	53				275	Slight shock felt at Kaida, Gotoji and Akiduki, Hukuoka prefecture.
		LN	11	09	56					
		FN	11	10	59					
134	Nov. 2	eP _E	21	16	06				6266	Distant earthquake.
		S _E	21	23	29					
		L _E	21	30	14					
		M _{1E}	21	37	49	11.0	-55			
		M _{2E}	21	41	26	9.4	+50			
		F	—							
135	Nov. 3	P	—							
		LN	4	02	19					
		FN	4	06	10					
136	Nov. 3	P	16	20	34				460	Near Suwanose island off Satuma.
		L	16	21	36					
		M _{1E}	16	22	12	23.0	-2675			
		M _{1N}	16	22	09	15.6		+563		
		M _{2E}	16	24	04	24.4	+1445			
		M _{2N}	16	22	22	16.8		±729		
		M _{3E}	16	25	49	25.2	+1063			
		M _{3N}	16	24	49	18.0		-467		
		F	18	00	24					
137	Nov. 4	P _E	0	10	43				5036	Distant earthquake.
		S _E	0	17	13					
		L _E	0	21	43					
		M _E	0	24	28	28.7	+100			
		F _E	1	57	00					
138	Nov. 4	P	20	48	01				853	In the course of Edo river, Tokyo prefecture.
		L	20	49	56					
		M _N	20	50	26	4.8		-42		
		F	20	59	05					

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No.	Date	Phase	Time			Period	Amplitude		△	Remarks
			G.	M.	T.		A _E	A _N		
			h	m	s	s	μ	μ	km.	
139	Nov. 5	P	21	29	02				442	Near Suwanose island. off Satuma.
		L	21	30	01					
		M ^{1E}	21	30	57	25.4	+3395			
		M ^{1N}	21	30	41	7.0		-717		
		M ^{2E}	21	32	29	22.3	+3905			
		M ^{2N}	21	34	17	15.9		+725		
		M ^{3E}	21	34	15	20.6	-3649			
		F	23	11	26					
140	Nov. 6	P	19	19	38				371	
		L	19	20	28					
		F								
141	Nov. 6	eP ^E	19	21	53				1773	
		L ^E	19	24	34					
		F ^E	20	03	18					
142	Nov. 17	P _N	20	44	31				312	
		L _N	20	45	13					
		F _N	20	49	05					
143	Nov. 18	P	21	32	17				2329	Distant earthquake.
		S	21	34	24					
		L	21	36	23					
		M ^{1E}	21	37	02	18.9	+270			
		M _{2E}	21	38	13	15.2	-203			
		F	22	18	29					
144	Nov. 19	P							-	Ditto.
		eL ^E	2	25	13					
		F ^E	2	52	21					
145	Nov. 20	eP _N	4	57	17				-	
		L								
		F _N	5	02	44					
146	Nov. 23	P	2	35	51				794	In the Sagami-Nada.
		L	2	37	38					
		M _N	2	38	01	3.5		-35		
		F	2	46	16					
147	Nov. 25	P _E	17	06	16				2466	Distant earthquake.

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No.	Date	Phase	Time			Period s	Amplitude		Δ km.	Remarks
			G.	M.	T.		A _E μ	A _N μ		
148	Nov. 26	S _E	17	08	37	14.9	-625			
		L _E	17	10	43					
		M _E	17	11	40					
		F _E	17	39	37					
		P	—							
149	Nov. 27	L _N	23	18	36	1.9	-77	201	In the Hiuga-Nada.	
		F _N	23	20	05					
		P	3	22	10					
		L	3	22	37					
		M _{1N}	3	22	41					
150	Dec. 4	M _{2N}	3	22	54	2.4	-108	295	In the Tosa bay.	
		F	3	32	51					
		P	23	41	27	1.0	+180			
		L	23	42	02					
		M ¹ _N	23	42	07					
		M _{2N}	23	42	17					
M _{3N}	23	42	21							
F	23	54	40							
151	Dec. 8	P _N	19	07	27	3.4	+21	471	Near Suwanose island off Satuma.	
		L _N	19	08	31					
		M _N	19	08	44					
		F _N	19	16	10					
152	Dec. 12	P	4	04	48	1.0	+19	261	In the Hiuti-Nada.	
		L	4	05	24					
		M _N	4	05	30					
		F	4	10	00					
153	Dec. 20	P	12	47	48	1.0	-30	104	Near Simabara, Nagasaki prefecture.	
		L	12	48	02					
		M _N	12	48	04					
		F	12	51	31					
154	Dec. 24	eP _N	3	42	22	3.7	-10	698	In the Sagami-Nada.	
		L _N	3	43	56					
		M _N	3	44	11					
		F _N	3	49	41					

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No.	Date	Phase	Time			Period	Amplitude		Δ	Remarks
			G.	M.	T.		A _E	A _N		
			h	m	s	s	μ	μ	km.	
155	Dec. 25	P _N	20	22	44				178	
		L _N	20	23	08					
		F _N	20	25	52					
156	Dec. 27	P	14	41	17				1825	
		S	14	43	13					
		L	14	44	06					
		M _E	14	44	49	16.9	+95			
		M _N	14	44	29	5.0		+18		
		F	15	08	00					
157	Dec. 28	P	12	04	22				219	
		L	12	04	52					
		M _{1N}	12	04	57	3.6		-28		
		M _{2N}	12	04	58	1.2		+35		
		F								
158	Dec. 28	P	12	08	32				210	
		L	12	09	00					
		M _{1N}	12	09	05	1.9		-22		
		M _{2N}	12	09	14	2.2		+23		
		F	12	15	14					