25 MAR

International Seismological Centre

中国地震台网观测报告

BULLETIN OF SEISMOLOGICAL OBSERVATIONS OF CHINESE STATIONS

1989

国家地震局地球物理研究所编

地震出版社出版

International Seismological Centre

中国地震台网观测报告

BULLETIN OF SEISMOLOGICAL OBSERVATIONS OF CHINESE STATIONS

1989

中国　北京
国家地震局地球物理研究所
地震出版社出版
INSTITUTE OF GEOPHYSICS
STATE SEISMOLOGICAL BUREAU
PUBLISHED BY SEISMOLOGICAL PRESS
BEIJING CHINA
1993

(京)新登字 095 号

International Seismological Centre

1989年地震观测资料汇编工作人员

主　　编: 陈培善

责任编辑: 王溪莉、赵其玲

程序设计: 陈培善、李强、白彤霞

震相分析校核和计算: 王溪莉、赵其玲、金桂芳、黄　瑾、贺冬梅
王科英、白彤霞、邱海江、林秀群、李保昆

Compiling personnel of the observed seismological data of 1989

Editor–in–chief: Chen Peishan

Managing editors: Wang Xili, Zhao Qiling

Program designers: Chen Peishan, Li Qiang, Bai Tongxia

Analysts and revisers of seismic phases and calculators: Wang Xili, Zhao Qiling,
Jin Guifang, Huang Jin, He Dongmei, Wang Keying,
Bai Tongxia, Qiu Haijiang, Lin Xiuqun, Li Baokun

中国地震台网观测报告
1989 年
国家地震局地球物理研究所编
*
地震出版社出版
北京民族学院南路 9 号
中国地质大学轻印刷厂印刷
新华书店北京发行所发行
全国各地新华书店经售
*
787×1092　1／16　60.75 印张　1944 千字
1993 年 10 月第一版　1993 年 10 月第一次印刷
印数 001—500
ISBN 7-5028-0939-2／P・587
(1332) 定价: 45.00 元

International Seismological Centre

目　　录

前言 …… (1)
台站目录 …… (3)
仪器常数 …… (4)
仪器放大倍率曲线 …… (10)
1989 年地震目录 …… (11)
1. 世界地震目录 …… (13)
2. 中国及邻区地震目录 …… (131)
1989 年震中分布图 …… (163)
1. 世界地震震中分布图 …… (165)
2. 中国及邻区地震震中分布图 …… (166)
1989 年地震数据 …… (167)
1 月 …… (169)
2 月 …… (230)
3 月 …… (294)
4 月 …… (347)
5 月 …… (407)
6 月 …… (488)
7 月 …… (541)
8 月 …… (588)
9 月 …… (656)
10 月 …… (721)
11 月 …… (797)
12 月 …… (873)

International Seismological Centre

Contents

Preface ..... (2)

List of seismological observatories ..... (3)

Constants of seismograph ..... (4)

Response curves of instruments ..... (10)

Catalogue of earthquakes of 1989 ..... (11)

1. Catalogue of earthquakes all over the world ..... (13)

2. Catalogue of earthquakes within and near China ..... (131)

Map of epicentral distribution of 1989 ..... (163)

1. Epicentral distribution of earthquakes of the world in 1989 ..... (165)

2. Epicentral distribution of earthquakes within and near China in 1989 ..... (166)

Observed seismological data of 1989 ..... (167)

January ..... (169)

February ..... (230)

March ..... (294)

April ..... (347)

May ..... (407)

June ..... (488)

July ..... (541)

August ..... (588)

September ..... (656)

October ..... (721)

November ..... (797)

December ..... (873)

International Seismological Centre

前　言

1.“中国地震台网观测报告”是我国地震台网对发生在全世界、特别是发生在中国和邻近地区的地震观测数据的汇编。自 1979 年起,本报告采用协调世界时(UTC)。为方便中国读者在目录部分也给出北京时。采用汉语拼音拼写中国地名和人名,外国地名和人名沿用英文。

2.本报告列出的震源参数是用 VAX／780 计算机进行计算修定的。使用的走时表是 J-B 表[1]。使用的震相数据除报告中列出的 24 个一类台以外,还有许多国内台和部分国外台的数据。到时残差、总体标准误差和震源参数的标准误差都分别列出。震中位置,除给出经纬度外,还按 Flinn、Engdahl 和 Hill[2,3]划定的地震分区给出了大致的地理位置。应该强调指出,所有地震的地理区域名称仅作位置的参考,不包含任何政治意义。

3.面波震级 Ms 的测定,从 1966 到 1982 年的地震报告都采用北京台 1965 年的面波震级公式:

$$Ms = \log(A / T) + \sigma_{PEK}(\triangle)$$

$$\sigma_{PEK}(\triangle) = 1.66\log(\triangle) + 3.5 \qquad (1^\circ < \triangle < 130^\circ)$$

$\sigma_{PEK}(\triangle)$比 1967 年 IASPEI(国际地震学与地球内部物理学联合会)推荐的,现已被国际上广泛采用的量规函数

$$\sigma_{IASPEI}(\triangle) = 1.66\log(\triangle) + 3.3 \qquad (20^\circ < \triangle < 160^\circ)$$

在$\triangle = 20^\circ$—130°的范围内偏高 0.2 级。世界上两个最有权威的地震机构:国际地震中心(ISC,它使用全球台网资料)和美国地震情报中心(NEIC,它使用世界标准台网资料)都采用 $\sigma_{IASPEI}(\triangle)$测定面波震级 Ms,故此我国测定的 Ms 比国际上系统地偏高 0.2 级。此外,量规函数 $\sigma_{PEK}(\triangle)$ 代表的面波衰减 $\triangle^{-1.66}$ 在近距离处($\triangle = 1^\circ$ — 20°)过大,使得近距离测得的 Ms 偏小,尽管如此,为使资料连续,仍给出用它测定的震级。

4.体波震级 m_B 和 m_b 采用古登堡—李克特公式测定:

$$m_B \text{ 或 } m_b = \log(A / T) + Q(\triangle, h)$$

m_B 是用宽频带中周期 SK 仪或长周期 763 仪测定,m_b 是用短周期地震仪测定。

5.为便于使用和对比,报告中还给出了 NEIC 测定的面波震级 Msz 和短周期地震仪测定的体波震级 m_b。

6.为避免混乱,各种震级之间一律不换算。

参 考 文 献

[1] Jeffreys, H. and Bullen, K. E.,1940. Seismological tables, British Association, London (Reprinted, with additions, 1967).

[2] Flinn, E. A. and Engdahl, E. R.,1965. A proposed basis for geographical and seismic regionalization, Rev. Geophys., 3, 123–149.

[3] Flinn, E. A. Engdahl, E. R. and Hill, A. R., 1974. Seismic and geographical regionalization, Bull. Seism. Soc. Am., 64, 771–992.

[4] Willmore, P. L., 1979. Manual of seimological observatory practice, World Data Center A for Solid Earth Geophysics, Report SE–20.

International Seismological Centre

Preface

1. The " Bulletin of Seismological Observations of Chinese Stations" is a summary of the observed data of earthquakes occurring all over the globe, especially those in China and its surrounding regions. Beginning from 1979, observational time and origin time are given in UTC. The names of Chinses places and persons are spelt with Chines phonetic alphabets while foreign names are all given in English.

2. All focal parameters are processed with a VAX / 780 computer. Jeffreys–Bullen travel time tables are used in this Bulletin[1]. In addition to the data listed in this Bulletin the observational data used include that of many other stations inside and outside China for computer revision of earthquake parameters. Arrival time residuals, gross standard deviations and standard errors of focal parameters are all listed. The location of every earthquake is expressed by its latitude and longitude, at the same time, is given by the corresponding geographical region proposed by Flinn, Engdahl and Hill[2,3]. It should be noted that the names used to classify seismic and geographic regions are only references to their locations and does not imply any political significance.

3. The surface wave magnitude Ms given in the Bulletin of Seismological Observations of Chinese Stations from 1966 to 1982 have all adopted the calibration function of the Beijing Station (BJI).

$$Ms = \log(A / T) + \sigma_{PEK}(\triangle)$$

$$\sigma_{PEK}(\triangle) = 1.66\log(\triangle) + 3.5 \qquad (1^\circ < \triangle < 130^\circ)$$

This calibration function in the range $\triangle = 20^\circ - 130^\circ$ is larger by 0.2 than $\sigma_{IASPEI}(\triangle)$ recommended by IASPEI in 1967 which has already been adopted by many nations and seismological institutions in the world.

$$\sigma_{IASPEI}(\triangle) = 1.66\log(\triangle) + 3.3 \qquad (20^\circ < \triangle < 160^\circ)$$

Both the most authoritative seismological institution in the world: ISC and NEIC have been adopting the $\sigma_{IASPEI}(\triangle)$ to determine magnitade Ms. Therefore, the magnitude Ms calculated by $\sigma_{PEK}(\triangle)$ is systematically 0.2 units larger than that determined by ISC and NEIC which possess the largest aperture seismic network. The rate of attenuation of surface wave amplitude $\triangle^{-1.66}$ in the range $\triangle = 1^\circ - 20^\circ$ characterized by $\sigma_{PEK}(\triangle)$ is so large that the Ms measured for smaller epicentral distance is too small. In spite of this, in order to maintain continuity of data, the values of Ms computed by $\sigma_{PEK}(\triangle)$ are still given.

4. Body–wave magnitudes m_B and m_b are computed by the Gutenberg–Richter formula

$$m_B \text{ or } m_b = \log(A / T) + Q(\triangle, h)$$

m_B being measured by broad–band intermediate (SK) or 763 long period seismographs and m_b measured by short period ones.

5. For convenience of use and comparison, the surface wave magnitude Msz (NEIC) and body wave magnitude m_b(NEIC) measured by NEIC recorded on short period seismograph, are also listed in this Bulletin.

6. In order to avoid confusion, no conversion is made among the various magnitudes.

References

[1] Jeffreys, H. and Bullen, K. E.,1940. Seismological tables, British Association, London (Reprinted, with additions, 1967).

[2] Flinn, E. A. and Engdahl, E. R.1965. A proposed basis for geographical and seismic regionalization, Rev. Geophys.,3, 123–149.

[3] Flinn, E. A. Engdahl, E. R. and Hill, A. R., 1974. Seismic and geographical regionalization, Bull. Seism. Soc. Am., 64, 771–992.

[4] Willmore, P. L., 1979. Manual of seimological observatory practice, World Data Center A for Solid Earth Geophysics, Report SE–20.

International Seismological Centre

台 站 目 录

List of seismological observatories

Station name	Code	Geographic coordinates Lat N	Long E	Altitude (m)	Foundation	Instruments
Baotou	BTO	40° 36′ 20″	110° 01′ 15″	1114	Granite gneiss	SK,64,763
Beijing	BJI	40 02 25	116 10 30	43	Gravel soil	SK,62,JD2,DK−1,763
Changchun	CN2	43 48 05	125 26 54	230	Slate	SK,DK−1,473,763
Chengdu	CD2	30 54 36	103 45 28	628	Conglomerate	SK,DD−1,763
Dalian	DL2	38 54 22	121 37 42	62	Silicilith	SK,DD−1,763
Gaotai	GTA	39 24 38	99 48 52	1341	Granite	SK,62,DD−1,763
Guangzhou	GZH	23 05 13	113 20 38	11	Sandstone	SK,DD−1,513,763
Guiyang	GYA	26 27 31	106 39 50	1162	Dolomite	SK,DD−1,763
Hohhot	HHC	40 50 58	111 33 49	1154	Rhyolite	SK,DD−1,763
Kashi	KSH	39 31 00	75 55 23	1314	Alluvial clay	SK,DD−1
Kunming	KMI	25 07 24	102 44 24	1945	Sandstone	SK,DD−1,763
Lanzhou	LZH	36 05 12	103 50 48	1550	Lehm	SK,64,513,763
Lhasa	LSA	29 42 00	91 09 00	3789	Granite	SK,VGK
Mudanjiang	MDJ	44 36 59	129 35 31	250	Granite	SK,DD−1,513,763
Nanjing	NJ2	32 03 06	118 51 16	45	Silicarenite	SK,DD−1,513,763
Quanzhou	QZH	24 56 35	118 35 30	21	Granite	SK,64,763
Qiongzhong	QZN	19 01 46	109 50 36	230	Granite	DD−1,763
Shenyang	SNY	41 49 40	123 34 41	54	Granite	SK,DD−1,763
Sheshan	SSE	31 05 44	121 11 12	10	Andesite	SK,DD−1,763
Tai'an	TIA	36 12 41	117 07 28	300	Amphibole granite	SK,64,513,763
Taiyuan	TIY	37 42 47	112 26 03	850	Limestone	SK,DD−1,64,763
Urumqi	WMQ	43 48 49	87 42 17	901	Sandstone	SK,62,763
Wuhan	WHN	30 32 37	114 21 01	26	Silicarenite	SK,DD−1,763
Xi'an	XAN	34 02 22	108 55 17	630	Granite	SK,DD−1,513

International Seismological Centre

仪 器 常 数

Constants of seismograph

台站代号 Station code	仪器型号 Type of instrument	分向 Comp.	T_1	T_2	D_1	D_2	σ^2	V_0	测定日期 Date determined	记录纸速 R_V (mm / min)	记录方式 Recorder type
BTO	SK	N–S	12.5	1.2	0.45	5.07	0.102	2.46E3	1988.5.24	30	照像纸 Photo paper
		E–W	12.5	1.2	0.45	5.00	0.103	2.39E3			
		U–D	12.5	1.2	0.58	5.05	0.302	1.31E3			
		N–S	12.5	1.2	0.45	4.94	0.099	2.29E3	1989.6.9		
		E–W	12.4	1.2	0.45	4.86	0.098	2.35E3			
		U–D	12.5	1.2	0.58	5.05	0.300	1.42E3			
	DD1	N–S	1.0		0.45			6.41E4	1988.9.20	120	墨水笔 Pen and ink
		E–W	1.0		0.45			6.46E4			
		U–D	1.0		0.45			6.93E4			
		N–S	1.0		0.45			7.68E4	1989.9.20		
		E–W	1.0		0.45			6.29E4			
		U–D	1.0		0.45			7.46E4			
BJI	SK	N–S	12.5	1.1	0.45	5.47	0.091	1.74E3	1988.10.1	30	照像纸 Photo paper
		E–W	12.5	1.1	0.45	5.18	0.069	1.63E3			
		U–D	12.5	1.1	0.59	4.07	0.278	1.20E3			
		N–S	12.5	1.1	0.45	5.48	0.009	1.81E3	1989.9.1		
		E–W	12.5	1.1	0.45	5.39	0.083	1.61E3			
		U–D	12.5	1.1	0.59	4.12	0.294	1.21E3			
	DD–2	N–S	1.0		0.60			1.50E5	1988.5.1	120	墨水笔 Pen and ink
		E–W	1.0		0.60			1.71E5			
		U–D	1.0		0.60			1.07E5			
		N–S	1.0		0.60			1.61E5	1989.10.20		
		E–W	1.0		0.60			1.48E5			
		U–D	1.0		0.60			1.17E5			
CN2	SK	N–S	12.5	1.2	0.45	5.05	0.080	2.21E3	1989.1.1	30	照像纸 Photo paper
		E–W	12.5	1.2	0.45	4.95	0.077	2.09E3			
		U–D	12.5	1.2	0.60	5.07	0.343	1.49E3			
	473	N–S	1.5		0.45			9.69E4	1989.1.1	120	墨水笔 Pen and ink
		E–W	1.5		0.45			1.09E5			
		U–D	1.5		0.45			2.01E5			
		N–S	1.5		0.45			1.09E5	1989.11.25		
		E–W	1.5		0.45			1.17E5			
		U–D	1.5		0.45			6.58E4			
CD2	SK	N–S	12.5	1.2	0.45	5.0	0.041	1.40E3	1988.12.26	30	照像纸 Photo paper
		E–W	12.5	1.2	0.45	5.0	0.038	1.40E3			
		U–D	12.5	1.2	0.53	5.0	0.159	1.00E3			
	DD2	N–S	1.0		0.45			6.22E4	1989.3.26	120	墨水笔 Pen and ink
		E–W	1.0		0.45			8.43E4			
		U–D	1.0		0.45			6.18E4			
		N–S	1.0		0.45			9.60E4	1989.10.12		
		E–W	1.0		0.45			8.23E4			
		U–D	1.0		0.45			8.40E4			
DL2	SK	N–S	12.5	1.2	0.45	4.95	0.104	1.70E3	1988.10.27	30	照像纸 Photo paper
		E–W	12.5	1.2	0.45	5.08	0.102	1.70E3			
		U–D	12.5	1.2	0.58	4.99	0.251	1.33E3			

台站代号 Station code	仪器型号 Type of instrument	分向 Comp.	T_1	T_2	D_1	D_2	σ^2	V_0	测定日期 Date determined	记录纸速 R_V (mm / min)	记录方式 Recorder type
DL2	SK	N–S	12.5	1.2	0.45	4.99	0.099	1.70E3	1989.10.31	30	照像纸 Photo paper
		E–W	12.5	1.2	0.45	5.06	0.100	1.70E3			
		U–D	12.5	1.2	0.58	4.91	0.247	1.34E3			
	DD1	N–S	1.0		0.45			4.00E4	1989.4.6	120	墨水笔 Pen and ink
		E–W	1.0		0.45			2.81E4			
		U–D	1.0		0.45			1.80E4			
		N–S	1.0		0.45			3.96E4	1989.10.25		
		E–W	1.0		0.45			2.91E4			
		U–D	1.0		0.45			1.83E4			
GTA	SK	N–S	12.5	1.2	0.45	5.01	0.082	2.26E3	1988.11.7	30	照像纸 Photo paper
		E–W	12.5	1.2	0.45	4.98	0.073	1.95E3			
		U–D	12.5	1.2	0.53	4.94	0.296	1.08E3			
		N–S	12.5	1.2	0.45	5.02	0.080	2.25E3	1989.11.7		
		E–W	12.5	1.2	0.45	4.90	0.071	2.23E3			
		U–D	12.5	1.2	0.53	4.96	0.284	1.11E3			
	62	N–S	1.0	0.66	0.6	1.5	0.25	1.83E5	1988.5.31	120	照像纸 Photo paper
		E–W	1.0	0.46	0.6	1.5	0.25	2.34E5			
		U–D	1.0	0.42	0.6	1.5	0.25	1.82E5			
		N–S	1.0	0.50	0.6	1.5	0.25	1.93E5	1989.5.30		
		E–W	1.0	0.50	0.6	1.5	0.25	2.36E5			
		U–D	1.0	0.42	0.6	1.5	0.25	1.89E5			
GZH	SK	N–S	12.5	1.2	0.45	4.99	0.068	1.84E3	1988.3.11	30	照像纸 Photo paper
		E–W	12.5	1.2	0.45	5.04	0.063	1.80E3			
		U–D	12.5	1.2	0.56	5.01	0.240	1.26E3			
		N–S	12.5	1.2	0.45	4.96	0.064	1.88E3	1989.3.10		
		E–W	12.5	1.2	0.45	5.10	0.063	1.93E3			
		U–D	12.5	1.2	0.56	4.95	0.244	1.24E3			
	DD1	N–S	1.0		0.45			4.56E4	1989.2.15	120	墨水笔 Pen and ink
		E–W	1.0		0.45			3.28E4			
		U–D	1.0		0.45			3.94E4			
		N–S	1.0		0.45			4.27E4	1989.8.15		
		E–W	1.0		0.45			5.06E4			
		U–D	1.0		0.45			6.06E4			
GYA	SK	N–S	12.5	1.2	0.45	4.92	0.088	1.45E3	1988.7.12	30	照像纸 Photo paper
		E–W	12.5	1.2	0.45	4.95	0.070	1.45E3			
		U–D	12.5	1.2	0.56	5.03	0.286	.783E3			
		N–S	12.5	1.2	0.45	5.04	0.089	1.42E3	1989.7.10		
		E–W	12.5	1.2	0.45	4.99	0.070	1.32E3			
		U–D	12.5	1.2	0.56	4.99	0.280	.901E3			
	DD1	N–S	1.0		0.45			7.70E4	1988.7.15	120	墨水笔 Pen and ink
		E–W	1.0		0.45			7.06E4			
		U–D	1.0		0.45			6.99E4			
		N–S	1.0		0.45			7.71E4	1989.7.13		
		E–W	1.0		0.45			7.08E4			
		U–D	1.0		0.45			8.44E4			

International Seismological Centre

续表

台站代号 Station code	仪器型号 Type of instruments	分向 Comp.	T_1	T_2	D_1	D_2	σ^2	V_0	测定日期 Date determined	记录纸速 R_V (mm / min)	记录方式 Recorder type
HHC	SK	N–S	12.5	1.2	0.45	5.1	0.10	2.81E3	1988.7.7	30	照像纸 Photo paper
		E–W	12.5	1.2	0.45	4.9	0.10	2.73E3			
		U–D	12.5	1.2	0.60	5.1	0.31	1.33E3			
		N–S	12.5	1.2	0.45	5.0	0.10	2.84E3	1989.7.4		
		E–W	12.5	1.2	0.45	4.9	0.10	2.99E3			
		U–D	12.5	1.2	0.60	5.1	0.30	1.38E3			
	DD1	N–S	1.0		0.45			6.75E4	1988.7.3	120	墨水笔 Pen and ink
		E–W	1.0		0.45			7.59E4			
		U–D	1.0		0.45			9.00E4			
		N–S	1.0		0.45			6.31E4	1989.7.9		
		E–W	1.0		0.45			7.57E4			
		U–D	1.0		0.45			8.47E4			
KSH	SK	N–S	12.5	1.2	0.45	5.03	0.041	1.76E3	1988.10.16	30	照像纸 Photo paper
		E–W	12.5	1.2	0.45	4.91	0.044	1.53E3			
		U–D	12.5	1.2	0.59	5.06	0.300	1.28E3			
		N–S	12.5	1.2	0.45	4.94	0.040	1.74E3	1989.11.26		
		E–W	12.5	1.2	0.45	5.01	0.042	1.94E3			
		U–D	12.5	1.2	0.59	4.99	0.302	1.29E3			
KMI	SK	N–S	12.5	1.1	0.45	5.51	0.090	1.51E3	1989.1.1	30	照像纸 Photo paper
		E–W	12.5	1.1	0.45	5.52	0.080	1.44E3			
		U–D	12.5	1.1	0.60	5.53	0.310	.910E3			
	62	N–S	2.6	0.1	0.50	5.0	0.10	2.80E4	1989.3.4	60	照像纸 Photo paper
		E–W	2.6	0.1	0.50	5.0	0.11	2.90E4			
		U–D	2.6	0.1	0.40	4.0	0.10	3.10E4			
LZH	SK	N–S	12.5	1.2	0.45	4.96	0.077	2.12E3	1988.10.14	30	照像纸 Photo paper
		E–W	12.5	1.2	0.45	4.99	0.080	2.12E3			
		U–D	12.5	1.2	0.59	4.95	0.338	1.25E3			
		N–S	12.5	1.2	0.45	4.96	0.083	2.12E3	1989.10.14		
		E–W	12.5	1.2	0.45	5.05	0.086	2.13E3			
		U–D	12.5	1.2	0.59	5.05	0.351	1.17E3			
	64	N–S	2.5	0.1	0.50	6.0	0.25	2.43E4	1988.6.18	60	照像纸 Photo paper
		E–W	2.5	0.1	0.50	6.0	0.25	2.76E4			
		U–D	2.5	0.1	0.50	6.0	0.25	3.04E4			
		N–S	2.5	0.087	0.50	6.0	0.25	2.81E4	1989.6.14		
		E–W	2.5	0.094	0.50	6.0	0.25	2.53E4			
		U–D	2.5	0.092	0.50	6.0	0.25	3.54E4			
LSA	SK	N–S	12.5	1.2	0.45	4.98	0.092	1.79E3	1988.8.30	30	照像纸 Photo paper
		E–W	12.5	1.2	0.45	5.00	0.110	1.96E3			
		U–D	12.5	1.2	0.56	5.00	0.305	1.02E3			
		N–S	12.5	1.2	0.45	4.99	0.085	1.65E3	1989.6.15		
		E–W	12.5	1.2	0.45	5.00	0.110	2.19E3			
		U–D	12.5	1.2	0.56	5.00	0.264	.899E3			
MDJ	SK	N–S	12.4	1.2	0.45	4.97	0.068	2.44E3	1988.8.10	30	照像纸 Photo paper
		E–W	12.4	1.2	0.45	5.00	0.056	2.15E3			
		U–D	12.5	1.2	0.57	4.93	0.235	1.47E3			

International Seismological Centre

台站代号 Station code	仪器型号 Type of instrument	分向 Comp.	T_1	T_2	D_1	D_2	σ^2	V_0	测定日期 Date determined	记录纸速 R_V (mm / min)	记录方式 Recorder type
MDJ	SK	N–S	12.4	1.2	0.45	5.0	0.076	2.20E3	1989.4.14	30	照像纸 Photo paper
		E–W	12.4	1.2	0.45	4.9	0.062	1.99E3			
		U–D	12.5	1.2	0.59	5.0	0.248	1.28E3			
	DD1	N–S	1.0		0.45			7.09E4	1988.4.17	120	墨水笔 Pen and ink
		E–W	1.0		0.45			7.13E4			
		U–D	1.0		0.45			5.72E4			
		N–S	1.0		0.45			6.77E4	1989.3.30		
		E–W	1.0		0.45			7.14E4			
		U–D	1.0		0.45			4.78E4			
NJ2	SK	N–S	12.5	1.2	0.45	4.97	0.082	2.27E3	1989.1.20	30	照像纸 Photo paper
		E–W	12.5	1.2	0.45	4.98	0.091	2.42E3			
		U–D	12.5	1.2	0.45	5.04	0.285	1.75E3			
	DD1	N–S	1.0		0.45			3.84E4	1988.12.1	120	墨水笔 Pen and ink
		E–W	1.0		0.45			3.80E4			
		U–D	1.0		0.45			5.35E4			
		N–S	1.0		0.45			5.54E4	1989.9.29		
		E–W	1.0		0.45			6.38E4			
		U–D	1.0		0.45			5.57E4			
QZH	SK	N–S	12.5	1.2	0.45	5.09	0.082	2.19E3	1988.11.17	30	照像纸 Photo paper
		E–W	12.5	1.2	0.45	4.95	0.076	2.08E3			
		U–D	12.5	1.2	0.61	4.95	0.075	1.05E3			
	473	N–S	1.5		0.45			2.56E4	1988.10.13	120	熏烟纸 Smoked paper
		E–W	1.5		0.45			5.30E4			
		U–D	1.5		0.45			2.32E4			
		N–S	1.5		0.45			2.30E4	1989.10.30		
		E–W	1.5		0.45			2.63E4			
		U–D	1.5		0.45			2.24E4			
QZN	SK	N–S	12.5	1.2	0.45	5.00	0.038	1.58E3	1987.12.16	30	照像纸 Photo paper
		E–W	12.5	1.2	0.45	4.90	0.040	1.62E3			
		U–D	12.5	1.2	0.62	4.90	0.310	1.22E3			
		N–S	12.5	1.2	0.45	4.93	0.038	1.71E3	1989.12.15		
		E–W	12.5	1.2	0.45	4.92	0.038	1.61E3			
		U–D	12.5	1.2	0.59	4.95	0.283	1.24E3			
	DD1	N–S	0.7		0.40			2.02E5	1988.12.23	120	墨水笔 Pen and ink
		E–W	0.7		0.40			2.12E5			
		U–D	0.7		0.40			2.40E5			
		N–S	0.7		0.40			1.67E5	1989.6.14		
		E–W	0.7		0.40			1.68E5			
		U–D	0.7		0.40			1.29E5			
SNY	SK	N–S	12.5	1.2	0.45	5.08	0.085	2.29E3	1988.3.31	30	照像纸 Photo paper
		E–W	12.5	1.2	0.45	4.99	0.095	2.35E3			
		U–D	12.5	1.2	0.61	4.97	0.317	1.26E3			
		N–S	12.5	1.2	0.45	5.09	0.083	2.22E3	1989.3.30		
		E–W	12.5	1.2	0.45	5.03	0.095	2.42E3			
		U–D	12.5	1.2	0.60	4.93	0.315	1.23E3			

International Seismological Centre

续表

台站代号 Station code	仪器型号 Type of instrument	分向 Comp.	T_1	T_2	D_1	D_2	σ^2	V_0	测定日期 Date determined	记录纸速 R_V (mm / min)	记录方式 Recorder type
SNY	DD1	N–S	1.0		0.45			6.78E4	1988.12.9	120	墨水笔 Pen and ink
		E–W	1.0		0.45			7.43E4			
		U–D	1.0		0.45			5.89E4			
		N–S	1.0		0.45			6.41E4	1989.6.1		
		E–W	1.0		0.45			7.08E4			
		U–D	1.0		0.45			5.37E4			
SSE	SK	N–S	12.5	1.2	0.45	5.01	0.077	2.29E3	1988.12.21	30	照像纸 Photo paper
		E–W	12.5	1.2	0.45	4.98	0.080	2.20E3			
		U–D	12.5	1.2	0.54	4.98	0.241	.986E3			
	DD1	N–S	1.0		0.45			4.98E4	1988.12.9	120	墨水笔 Pen and ink
		E–W	1.0		0.45			6.92E4			
		U–D	1.0		0.45			5.18E4			
		N–S	1.0		0.45			6.28E4	1989.6.12		
		E–W	1.0		0.45			6.63E4			
		U–D	1.0		0.45			5.37E4			
TIA	SK	N–S	12.5	1.2	0.45	5.10	0.084	2.22E3	1988.10.15	30	照像纸 Photo paper
		E–W	12.5	1.2	0.45	4.90	0.086	2.35E3			
		U–D	12.5	1.2	0.53	5.00	0.230	.776E3			
		N–S	12.5	1.2	0.45	5.00	0.081	2.30E3	1989.10.22		
		E–W	12.5	1.2	0.45	4.90	0.086	2.35E3			
		U–D	12.5	1.2	0.53	5.00	0.219	.823E3			
	473	N–S	1.5		0.45			1.03E5	1989.4.26	120	熏烟纸 Smoked paper
		E–W	1.5		0.45			1.96E5			
		U–D	1.5		0.45			1.52E4			
		N–S	1.5		0.45			1.25E	1989.10.14		
		E–W	1.5		0.45			2.25E5			
		U–D	1.5		0.45			1.44E5			
TIY	SK	N–S	12.5	1.2	0.45	4.96	0.087	1.66E3	1988.3.6	30	照像纸 Photo paper
		E–W	12.5	1.2	0.45	5.00	0.083	1.70E3			
		U–D	12.5	1.2	0.59	5.02	0.309	.866E3			
		N–S	12.5	1.2	0.45	5.08	0.084	1.58E3	1989.2.17		
		E–W	12.5	1.2	0.45	4.91	0.082	1.63E3			
		U–D	12.5	1.2	0.59	5.04	0.308	.895E3			
	DD1	N–S	1.0		0.45			1.79E4	1989.3.17	120	墨水笔 Pen and ink
		E–W	1.0		0.45			1.96E4			
		U–D	1.0		0.45			4.19E4			
		N–S	1.0		0.45			1.65E4	1989.9.19		
		E–W	1.0		0.45			1.89E4			
		U–D	1.0		0.45			4.65E4			
WHN	SK	N–S	12.5	1.2	0.45	5.10	0.085	2.36E3	1988.1.1	30	照像纸 Photo paper
		E–W	12.5	1.2	0.45	5.09	0.100	2.36E3			
		U–D	12.5	1.2	0.62	4.94	0.201	26.1E3			
		N–S	12.5	1.2	0.45	5.00	0.111	2.19E3	1989.5.15		
		E–W	12.5	1.2	0.45	4.96	0.100	2.38E3			
		U–D	12.5	1.2	0.62	4.92	0.378	1.28E3			

International Seismological Centre

台站代号 Station code	仪器型号 Type of instrument	分向 Comp.	T_1	T_2	D_1	D_2	σ^2	V_0	测定日期 Date determined	记录纸速 R_V (mm / min)	记录方式 Recorder type
WHN	DD1	N–S	1.0		0.45			3.39E4	1988.1.1	120	墨水笔 Pen and ink
		E–W	1.0		0.45			2.89E4			
		U–D	1.0		0.45			5.23E4			
		N–S	1.0		0.45			2.90E4	1989.5.1		
		E–W	1.0		0.45			2.78E4			
		U–D	1.0		0.45			5.08E4			
WMQ	SK	N–S	12.5	1.2	0.45	5.00	0.089	2.11E3	1988.9.23	30	照像纸 Photo paper
		E–W	12.5	1.2	0.45	4.95	0.093	2.09E3			
		U–D	12.5	1.2	0.59	5.00	0.302	1.20E3			
		N–S	12.5	1.2	0.45	5.00	0.092	2.99E3	1989.10.2		
		E–W	12.5	1.2	0.45	4.99	0.093	2.17E3			
		U–D	12.5	1.2	0.57	5.00	0.289	.930E3			
	DD1	N–S	1.0		0.45			1.51E5	1988.9.21	120	墨水笔 Pen and ink
		E–W	1.0		0.45			1.21E5			
		U–D	1.0		0.45			1.69E5			
		N–S	1.0		0.45			1.51E5	1989.10.14		
		E–W	1.0		0.45			1.25E4			
		U–D	1.0		0.45			1.61E5			
XAN	SK	N–S	12.5	1.2	0.45	5.05	0.088	2.20E3	1988.8.9	30	照像纸 Photo paper
		E–W	12.5	1.2	0.45	5.04	0.089	2.23E3			
		U–D	12.5	1.2	0.62	4.98	0.308	1.32E3			
		N–S	12.5	1.2	0.45	4.97	0.094	2.25E3	1989.10.21		
		E–W	12.5	1.2	0.45	4.95	0.094	2.27E3			
		U–D	12.5	1.2	0.62	4.96	0.318	1.30E3			
	DD1	N–S	1.0		0.45			2.91E6	1989.4.1	120	墨水笔 Pen and ink
		E–W	1.0		0.45			2.87E6			
		U–D	1.0		0.45			1.78E5			
		N–S	1.0		0.45			1.85E5	1989.10.1		
		E–W	1.0		0.45			2.04E5			
		U–D	1.0		0.45			1.72E5			

62 : Type 62 seismograph with galvanometer recording

64 : Type 64 seismograph with galvanometer recording or with electronic amplifier and pen recorder

SK : Type SK (Kirnos) seismograph with galvanometer recording

DD–1 : Type DD–1 seismograph with electronic amplifier and pen recorder

T_1 : Seismometer period in sec.

T_2 : Galvanometer period in sec.

D_1 : Damping coefficient of Seismometer

D_2 : Damping coefficient of galvanometer

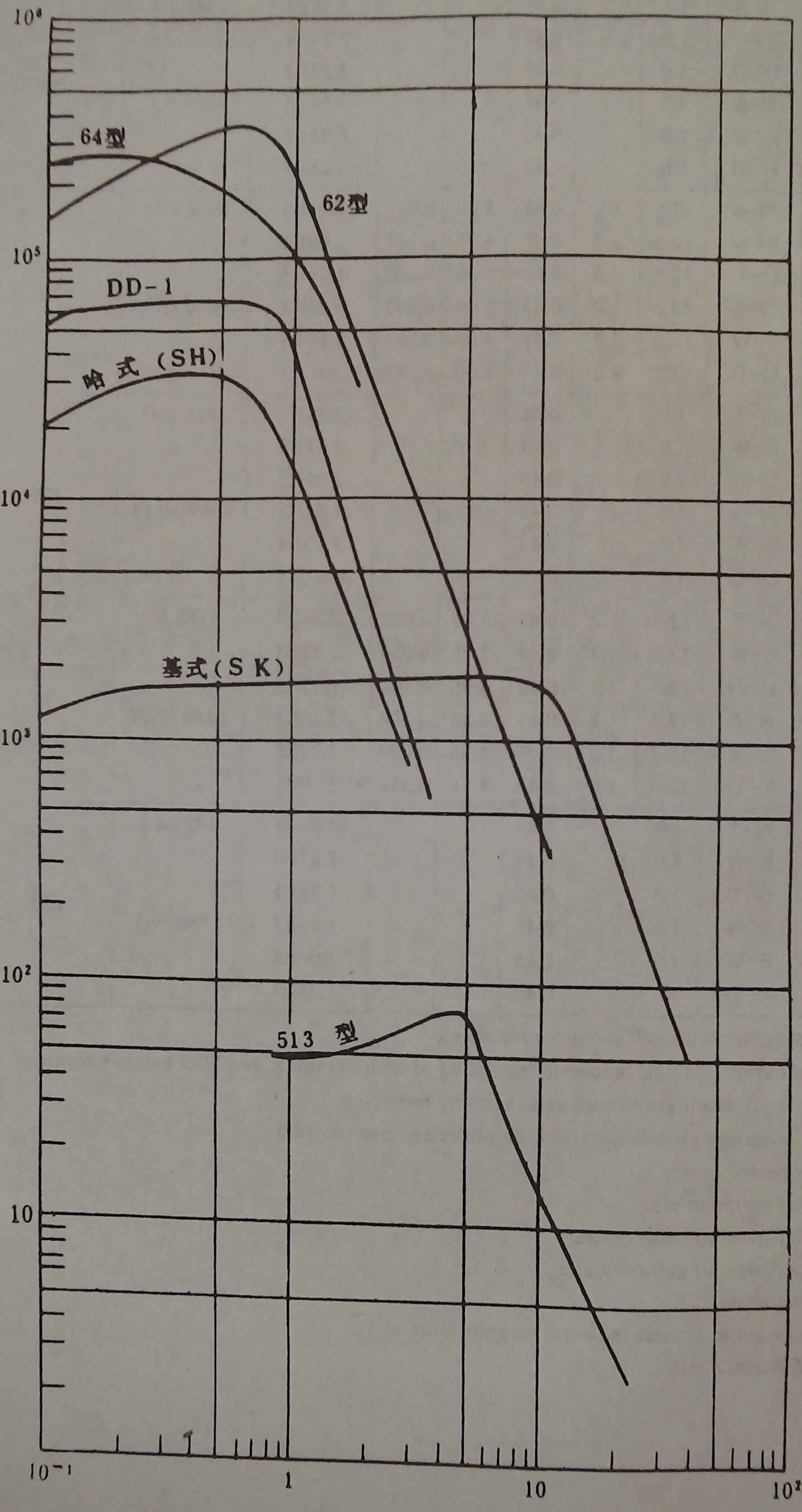
σ^2 : Coupling coefficient

V_0 : Static magnification, asterisk indicates magnification at T_1

R_V : Paper speed in mm / min

仪器放大倍率曲线

Response Curves of Instruments



International Seismological Centre

1989 年 地 震 目 录

Catalogue of earthquakes of 1989

1. 世界地震目录 Catalogue of earthquakes all over the world

No.	Origin time UTC d	h	min	s	Geographic coordinates Lat	Long	Depth (km)	Magnitudes Ms China	M_L China	m_B NEIC	Msz NEIC	m_b NEIC	SD	No. Sta. used	Region and comments
	January 1989														
1	1	10	16	17.4	11.37S	77.21W	34					5.2	3.1	32	秘鲁海岸近海
	1	18	(BTC)												Near coast of Peru
2	1	11	57	42.2	25.03N	121.80E	8	4.2	4.3			3.5	1.9	45	台湾岛
	1	19													Taiwan
3	1	12	00	41.4	35.30N	109.87E	5						4.1	7	中国东部
	1	20													Eastern China
4	1	15	34	13.9	25.05N	122.50E	18		3.4				3.3	7	台湾地区
	1	23													Taiwan region
5	1	15	56	02.6	27.08N	54.16E	54				4.0	4.5	2.0	31	伊朗南部
	1	23													Southern Iran
6	1	16	22	33.0	35.84N	81.05E	0		3.3			3.5	2.6	5	克什米尔——西藏边境地区
	2	00													Kashmir–Tibet border region
7	1	23	13	07.4	36.79N	83.46E	9	4.2	4.5			4.3	2.2	34	新疆自治区南部
	2	07													Southern Xinjiang Province
8	2	00	00	39.1	18.14S	178.35W	637					5.2	0.9	68	斐济地区
	2	08													Fiji region
9	2	01	51	22.5	37.46N	83.62E	5		3.4				3.2	7	新疆自治区南部
	2	09													Southern Xinjiang Province
10	2	01	52	07.9	18.54S	174.43W	109				6.5	6.1	1.3	99	汤加
	2	09													Tonga
11	2	02	46	27.6	46.92N	154.67E	26					4.8	1.9	41	222
	2	10													Kurile Islands region
12	2	05	37	28.7	28.40N	142.64E	34	4.4		4.7	4.5	4.7	1.5	49	小笠原群岛地区
	2	13													Bonin Islands region
13	2	10	45	58.6	33.85N	139.27E	15	4.8		4.9	4.3	4.8	2.2	60	本州以南地区
	2	18													South of Honshu
14	2	14	26	41.3	6.93S	106.13E	84					4.9	1.7	35	爪哇岛
	2	22													Java
15	2	15	53	53.9	1.61N	126.65E	32					5.0	1.5	22	马鲁古海峡
	2	23													Molucca Passage
16	2	22	50	53.5	24.96N	95.05E	105					4.2	1.9	33	缅甸——印度边境地区
	3	06													Burma–India border region
17	3	04	41	10.6	29.52N	131.36E	36	5.9		6.0	5.6	5.8	1.1	105	琉球群岛
	3	12													Ryukyu Islands
18	3	10	02	33.4	35.41N	140.80E	53	4.5			4.5	5.0	1.5	74	本州东海岸近海
	3	18													Near east coast of Honshu
19	3	11	30	57.7	44.99N	93.21E	4		3.6				2.6	8	新疆自治区北部
	3	19													Northern Xinjiang Province
20	3	16	52	18.5	35.65N	11.71E	10				4.7	5.0	1.0	50	突尼斯
	4	00													Tunisia
21	3	22	35	37.6	3.91S	128.39E	140					4.8	0.9	28	班达海
	4	06													Banda、Sea
22	4	02	23	34.1	6.14S	130.34E	174					4.9	1.3	33	280
	4	10													Banda Sea
23	4	02	41	56.4	4.94S	102.33E	32	4.7				4.9	0.9	56	苏门答腊西南以远地区
	4	10													South–west of Sumatera

24	4 4	07–29–40.2	40.89N	44.13E	9				4.0	5.0	1.2	39	土耳其——苏联边境地区 Turkey–USSR border region
25	4 4	10–14–22.4	5.62S	146.16E	113					5.3	0.9	63	新几内亚 New Guinea
26	4 4	10–38–11.4	14.68S	167.08E	35					4.4	1.1	19	瓦努阿图(新赫布里底) Vanuatu (New Hebrides)
27	4 4	12–20–20.6	0.52S	124.34E	32					4.7	1.3	38	苏拉威西(西里伯斯)岛 Sulawesi (Celebes)
28	4 5	20–08–52.2	7.50S	133.26E	32					4.7	0.8	45	塔宁巴尔群岛地区 Tanimbar Islands region
29	5 5	05–58–19.9	38.13N	126.50E	20	3.6					2.6	11	南朝鲜 South Korea
30	5 5	12–55–07.8	30.89N	103.52E	20	3.0					4.8	5	四川省 Sichuan Province
31	5 5	14–02–01.5	7.41S	128.92E	141					5.1	1.1	64	班达海 Banda Sea
32	5 6	17–42–21.9	41.87N	90.67E	10	4.2	4.6			4.3	2.6	39	新疆自治区南部 Southern Xinjiang Province
33	6 6	00–57–25.2	41.92N	90.65E	4		3.7				3.6	9	新疆自治区南部 Southern Xinjiang Province
34	6 6	01–26–01.4	36.13N	78.13E	12		4.2			4.0	2.5	14	克什米尔东部 Eastern Kashmir
35	6 6	04–02–47.8	20.23N	121.25E	31	4.8	4.3	5.2	4.4	5.0	1.8	93	菲律宾群岛地区 Philippine Islands region
36	6 6	05–26–57.2	35.49N	11.61E	11				4.6	5.0	1.1	56	突尼斯 Tunisia
37	6 6	07–43–51.2	36.65N	84.21E	19		3.8				3.7	6	新疆自治区南部 Southern Xinjiang Province
38	6 6	12–44–58.8	47.02N	153.75E	33	3.9				4.9	1.1	25	千岛群岛 Kurile Islands
39	6 6	13–39–56.6	3.80S	137.38E	32				4.6	5.0	1.2	50	西伊里安地区 West Irian region
40	6 6	15–38–54.3	46.94N	153.79E	30	4.4				4.9	1.0	44	千岛群岛 Kurile Islands
41	6 6	15–47–08.5	46.98N	153.88E	29	4.4			4.5	5.3	1.2	66	千岛群岛 Kurile Islands
42	6 6	15–48–24.6	24.30N	122.63E	18	3.5	3.7				2.8	10	台湾地区 Taiwan region
43	6 7	18–52–24.5	36.46N	141.66E	27	4.5				5.0	1.5	70	本州东海岸近海 Near east coast of Honshu
44	6 7	19–04–05.3	47.08N	153.74E	40	5.9		5.8	5.5	5.7	1.0	100	千岛群岛 Kurile Islands
45	6 7	19–08–26.1	36.44N	141.62E	36	5.6		5.5	5.8	5.4	1.7	66	本州东海岸近海 Near east coast of Honshu
46	6 7	19–36–13.8	47.24N	153.54E	40					4.9	1.7	25	千岛群岛 Kurile Islands
47	6 7	19–43–13.4	24.46N	121.85E	10		3.2				2.0	8	台湾岛 Taiwan
48	6 7	20–39–29.1	47.15N	153.85E	32					4.9	1.1	33	千岛群岛 Kurile Islands
49	6 7	21–12–08.9	46.92N	153.80E	39					5.0	1.4	44	千岛群岛 Kurile Islands

International Seismological Centre

50	7 7	07–26–12.5	23.31S	68.53W	117				5.5	1.4	58	智利北部 Northern Chile
51	7 7	10–09–46.6	23.42N	99.14E	30		4.0			3.4	10	缅甸——中国边境地区 Burma–China border region
52	7 8	16–52–30.2	10.07S	161.26E	101				4.8	1.0	23	所罗门群岛 Solomon Islands
53	7 8	17–21–43.2	38.43N	103.79E	13		3.5			1.9	8	甘肃省 Gansu Province
54	7 8	18–39–49.4	20.26N	120.60E	31	4.2	3.8		4.8	2.0	61	菲律宾群岛地区 Philippine Islands region
55	7 8	21–15–37.0	39.32N	74.76E	22		4.0		4.4	2.5	19	塔吉克——新疆边境地区 Tadzhikistan–Xinjiang border region
56	7 8	22–11–28.1	36.03N	141.27E	24	4.2			5.0	1.8	58	本州东海岸近海 Near east coast of Honshu
57	8 8	07–17–19.7	38.34N	98.23E	30	4.3	4.9		4.7	2.0	48	青海省 Qinghai Province
58	8 8	14–13–11.0	22.55N	124.02E	10	3.7	4.0		4.3	1.9	57	台湾东南以远地区 South–east of Taiwan
59	8 8	14–54–46.8	3.21S	130.66E	33	4.8		4.7	4.8	1.2	65	斯兰岛 Seram
60	8 9	17–41–41.6	24.17N	120.48E	31	5.0	4.3		4.6	2.3	79	台湾地区 Taiwan region
61	8 9	19–57–04.6	51.59N	174.98W	28	5.8		6.1 5.5	5.7	1.1	103	安德烈亚诺夫群岛 Andreanof Islands
62	8 9	20–26–23.8	51.45N	174.82W	32	5.3		5.6	5.1	1.0	89	安德烈亚诺夫群岛 Andreanof Islands
63	8 9	22–37–29.6	51.36N	174.72W	34	5.5		6.0 5.4	5.6	0.9	98	安德烈亚诺夫群岛 Andreanof Islands
64	9 9	03–15–16.4	33.94N	139.16E	18	4.9			5.1	2.5	63	本州以南地区 South of Honshu
65	9 9	03–36–29.4	51.27N	174.83W	39				4.8	1.1	36	安德烈亚诺夫群岛 Andreanof Islands
66	9 9	03–57–40.6	8.79S	156.75E	5			3.9	4.7	1.5	36	所罗门群岛 Solomon Islands
67	9 9	06–51–17.4	51.40N	174.69W	38				4.7	1.0	33	安德烈亚诺夫群岛 Andreanof Islands
68	9 9	09–46–10.3	37.97N	101.79E	13		3.1			1.2	5	青海省 Qinghai Province
69	9 9	10–02–27.9	35.59N	11.73E	18			4.3	5.1	1.3	56	突尼斯 Tunisia
70	9 9	10–09–57.2	5.95S	153.77E	26					1.1	42	新不列颠地区 New Britain region
71	9 9	10–41–40.8	51.23N	174.65W	40				4.8	1.4	32	安德烈亚诺夫群岛 Andreanof Islands
72	9 9	11–16–56.0	51.43N	174.81W	30	5.2		4.9	5.2	1.0	79	安德烈亚诺夫群岛 Andreanof Islands
73	9 9	11–52–58.6	51.40N	174.85W	32				4.6	1.3	33	安德烈亚诺夫群岛 Andreanof Islands
74	9 9	12–09–22.9	51.41N	174.71W	53				4.7	1.5	16	安德烈亚诺夫群岛 Andreanof Islands
75	9 9	13–42–34.5	47.05N	153.63E	14	6.7		6.6 6.4	6.0	1.1	94	千岛群岛 Kurile Islands

International Seismological Centre

76	9 9	13–55–12.2	46.92N	153.67E	34					5.3	1.0	68	千岛群岛 Kurile Islands
77	9 9	14–17–25.9	46.85N	153.80E	32					4.9	1.6	35	千岛群岛 Kurile Islands
78	9 9	15–01–43.4	47.07N	153.35E	40					5.0	1.8	29	千岛群岛 Kurile Islands
79	9 9	15–05–16.5	42.72N	88.45E	15	4.2					1.9	19	新疆自治区北部 Northern Xinjiang Province
80	9 9	15–05–44.5	47.76N	152.47E	40					4.9	2.3	14	千岛群岛 Kurile Islands
81	9 9	15–10–17.7	42.45N	88.13E	12	3.8					2.7	6	新疆自治区南部 Southern Xinjiang Province
82	9 9	15–14–55.5	46.78N	153.84E	36					5.1	1.3	50	千岛群岛 Kurile Islands
83	9 9	15–24–32.4	46.79N	153.71E	31					5.1	1.5	45	千岛群岛 Kurile Islands
84	9 9	15–33–34.2	7.25N	123.74E	620					4.6	1.1	27	棉兰老岛 Mindanao
85	9 10	18–17–40.2	5.26S	151.27E	121					5.1	1.0	22	新不列颠地区 New Britain region
86	9 10	18–51–15.8	42.08N	85.68E	5	3.0					2.8	8	新疆自治区南部 Southern Xinjiang Province
87	9 10	20–05–42.2	20.37S	178.60W	528					4.8	1.5	25	斐济地区 Fiji region
88	9 10	23–04–17.0	51.32N	174.86W	33					4.9	1.0	64	安德烈亚诺夫群岛 Andreanof Islands
89	9 10	23–26–05.6	51.20N	174.85W	45					4.8	1.2	13	安德烈亚诺夫群岛 Andreanof Islands
90	10 10	05–54–57.9	3.03S	130.63E	21	6.5	6.3	6.5	5.9		1.1	97	斯兰岛 Seram
91	10 10	06–14–43.2	2.95S	130.61E	35				5.1		0.8	20	斯兰岛 Seram
92	10 10	12–08–47.5	35.99N	81.10E	17	4.0					3.1	9	克什米尔——西藏边境地区 Kashmir–Tibet border region
93	10 10	15–55–14.4	23.91N	103.12E	11	4.1	3.8				1.9	29	云南省 Yunnan Province
94	10 11	18–22–08.6	3.20S	130.60E	52			3.5	5.0		1.2	28	斯兰岛 Seram
95	10 11	23–13–06.4	8.00S	116.60E	287				4.3		2.0	14	松巴哇地区 Sumbawa region
96	11 11	01–49–40.0	22.10N	121.24E	21	3.5					2.3	9	台湾地区 Taiwan region
97	11 11	04–18–28.3	21.82N	112.41E	26	3.6					3.0	7	中国东部 Eastern China
98	11 11	09–47–05.5	4.39S	102.37E	95					4.6	0.8	28	苏门答腊南部 Southern Sumatera
99	11 11	12–18–18.1	0.14S	124.59E	63					5.2	1.1	31	马鲁古海 Molucca Sea
100	11 11	13–30–06.9	46.72N	153.73E	30	5.4	5.6	5.1		5.4	1.2	92	千岛群岛 Kurile Islands
101	11 12	21–43–57.2	1.10N	121.32E	37					5.0	0.9	17	米那哈沙半岛(西里伯斯) Minahassa Peninsula (Celebes)

102	11 12	22-27-58.9	13.03N	87.23W	37	5.7			5.0	3.4	14	尼加拉瓜海岸近海 Near coast of Nicaragua
103	11 12	23-08-47.7	36.64N	82.70E	12		3.7			3.5	7	新疆自治区南部 Southern Xinjiang Province
104	11 12	23-38-44.6	46.95N	153.46E	8				4.7	1.4	17	千岛群岛 Kurile Islands
105	12 12	01-35-45.7	43.03N	87.40E	8		3.9			2.3	11	新疆自治区北部 Northern Xinjiang Province
106	12 12	02-17-16.2	39.57N	118.14E	15		3.7			2.4	17	中国东北部 North-Eastern China
107	12 12	02-55-35.1	46.74N	153.51E	28	5.1		5.7	4.9 5.6	1.2	89	千岛群岛 Kurile Islands
108	12 12	03-11-08.9	46.56N	153.68E	30				5.3 5.0	1.4	29	千岛群岛 Kurile Islands
109	12 12	04-23-45.9	38.61N	99.75E	14		3.7			3.4	9	青海省 Qinghai Province
110	12 12	05-04-18.8	28.15N	101.86E	13		3.0			2.4	9	四川省 Sichuan Province
111	12 12	05-23-31.3	8.44S	112.91E	158				4.8	1.4	42	爪哇岛 Java
112	12 12	05-34-18.4	36.11N	71.54E	39		4.4		4.7	2.8	10	巴基斯坦 Pakistan
113	12 12	06-13-56.4	40.52N	122.53E	27	4.0	4.7		4.9	2.1	58	中国东北部 North-Eastern China
114	12 12	06-28-33.8	59.33S	25.90W	31				5.2	2.3	14	南桑德韦奇群岛地区 South Sandwich Islands region
115	12 12	07-35-47.3	32.87N	96.38E	22	3.7	3.8			2.6	17	西藏自治区 Tibet
116	12 12	11-58-42.6	35.31N	111.08E	25		3.2			2.3	9	中国东部 Eastern China
117	12 12	13-27-42.9	3.20S	130.56E	51				4.9	1.6	33	斯兰岛 Seram
118	12 13	19-47-40.1	46.96N	153.84E	31	6.2		6.1	6.0 5.6	1.3	94	千岛群岛 Kurile Islands
119	13 13	01-24-44.3	54.55N	161.56W	9				5.0	0.8	25	阿拉斯加半岛 Alaska Peninsula
120	13 13	03-42-08.6	26.95S	176.10W	32				5.4	1.5	46	克马德克群岛地区 Kermadec Islands region
121	13 13	04-14-59.3	3.32S	130.54E	33	5.1			5.1	1.4	31	斯兰岛 Seram
122	13 13	04-24-26.3	5.96S	104.51E	76				5.1	1.5	34	巽他海峡 Sunda Strait
123	13 13	08-11-32.2	6.67S	155.36E	75				5.5	1.1	56	所罗门群岛 Solomon Islands
124	13 13	13-58-14.0	47.17N	153.76E	18				5.0	1.1	34	千岛群岛 Kurile Islands
125	13 13	14-26-26.0	27.82N	54.20E	61				4.8	0.9	54	伊朗南部 Southern Iran
126	13 13	15-31-54.9	46.88N	153.47E	26	4.1		4.4	5.0	1.2	41	千岛群岛 Kurile Islands
127	13 13	15-59-53.9	15.31S	167.53E	146				5.3	1.0	48	瓦努阿图(新赫布里底) Vanuatu (New Hebrides)

International Seismological Centre

128	13 14	16-23-27.2 00	3.29S	130.43E	39				4.9	1.8	23	斯兰岛 Seram	
129	13 14	18-01-56.3 02	46.82N	153.48E	28	5.9	6.2	5.6	5.7	1.1	92	千岛群岛 Kurile Islands	
130	13 14	18-38-57.3 02	36.62N	82.84E	10	3.9				3.2	9	新疆自治区南部 Southern Xinjiang Province	
131	13 14	19-21-25.6 03	46.89N	153.33E	21				5.0	1.6	26	221 Kurile Islands	
132	14 14	00-50-32.9 08	15.25S	173.55W	32			5.1	5.6	1.1	40	汤加 Tonga	
133	14 14	04-13-26.8 12	46.63N	153.90E	34				5.0	1.0	21	千岛群岛 Kurile Islands	
134	14 14	04-21-10.9 12	46.86N	153.59E	19	5.1	5.6	4.9	5.3	1.3	77	千岛群岛 Kurile Islands	
135	14 14	07-55-06.5 15	46.58N	153.56E	35				4.8	1.6	22	千岛群岛 Kurile Islands	
136	14 14	08-11-39.8 16	3.29S	130.68E	34				5.1	1.6	20	斯兰岛 Seram	
137	14 15	19-41-47.1 03	24.86N	126.46E	15	3.9			4.7	2.3	20	琉球群岛西南部 South-western Ryukyu Islands	
138	14 15	23-47-40.5 07	20.21S	178.04W	347				4.8	1.8	20	斐济地区 Fiji region	
139	15 15	00-13-02.3 08	38.98N	74.84E	30	3.6				3.8	9	塔吉克——新疆边境地区 Tadzhikistan-Xinjiang border region	
140	15 15	01-27-46.4 09	31.58S	71.79W	42			4.4	5.2	1.8	32	中智利海岸远海 Off coast of Central Chile	
141	15 15	04-16-19.7 12	55.66N	156.81W	33				4.8	1.0	26	阿拉斯加半岛 Alaska Peninsula	
142	15 15	04-37-51.0 12	38.74N	74.96E	3	3.2				2.6	5	719 Tadzhikistan-Xinjiang border region	
143	15 15	10-41-49.9 18	9.19S	67.29E	9				4.4	1.6	18	中印度洋海丘 Mid-Indian Rise	
144	15 15	14-21-31.7 22	43.32N	143.23E	32				4.5	2.3	24	北海道地区 Hokkaido region	
145	15 15	14-27-35.0 22	23.46N	120.65E	10	3.3				3.0	8	台湾岛 Taiwan	
146	15 16	16-46-43.2 00	38.46N	77.22E	10	4.2				3.7	13	新疆自治区南部 Southern Xinjiang Province	
147	15 16	18-52-50.9 02	58.71S	26.21W	116				5.2	1.9	22	南桑德韦奇群岛地区 South Sandwich Islands region	
148	15 16	19-40-51.6 03	38.00N	76.57E	28	4.4			5.0	2.3	38	新疆自治区南部 Southern Xinjiang Province	
149	16 16	07-24-19.6 15	41.44N	142.06E	79	4.2			5.2	1.5	79	本州东海岸近海 Near east coast of Honshu	
150	16 17	20-11-24.7 04	32.86N	142.10E	36	4.0			5.2	1.7	26	本州以南地区 South of Honshu	
151	16 17	23-28-52.9 07	22.77N	99.62E	13	3.6	4.1		4.3	3.0	20	缅甸——中国边境地区 Burma-China border region	
152	17 17	00-35-22.2 08	6.09S	149.00E	31	6.3	6.1	6.4	5.9	1.6	90	新不列颠地区 New Britain region	
153	17 17	05-04-13.4 13	2.04S	139.01E	33			4.6	5.3	1.1	51	201 West Irian	

154	17	06–40–35.0	43.97N	147.13E	89							4.7	1.4	45 千岛群岛
	17	14												Kurile Islands
155	17	12–28–44.2	36.78N	83.59E	10	4.1							3.7	11 新疆自治区南部
	17	20												Southern Xinjiang Province
156	17	18–55–25.7	23.31N	120.37E	5	3.1							3.1	6 台湾地区
	18	02												Taiwan region
157	17	20–08–30.2	5.73S	150.36E	92							5.2	0.9	63 新不列颠地区
	18	04												New Britain region
158	18	04–33–19.9	22.55N	119.93E	6	3.5							1.5	12 台湾地区
	18	12												Taiwan region
159	18	04–40–48.9	18.01S	178.47W	579							5.2	0.7	20 斐济地区
	18	12												Fiji region
160	18	12–00–57.9	22.84N	117.49E	8	3.1							4.7	5 中国东南沿海
	18	20												Near south–eastern coast of China
161	18	13–53–07.4	21.46S	178.07W	366							4.9	0.7	66 斐济地区
	18	21												Fiji region
162	18	15–45–40.5	32.51N	93.97E	32	4.2						4.5	2.5	45 西藏自治区
	18	23												Tibet
163	18	17–32–10.3	7.04S	74.52W	134							5.4	1.9	69 秘鲁北部
	19	01												Northern Peru
164	18	17–58–49.0	0.75S	136.73E	29							5.3	1.9	25 西伊里安地区
	19	01												West Irian region
165	18	18–22–46.2	30.06N	100.10E	31	5.2	5.1	5.2				5.0	2.0	92 四川省
	19	02												Sichuan Province
166	18	18–33–20.1	39.34N	118.37E	18		3.2						1.9	15 中国东北部
	19	02												North–Eastern China
167	18	19–30–04.4	32.54N	93.95E	32	4.2	3.5					4.5	2.1	39 西藏自治区
	19	03												Tibet
168	19	01–43–51.8	22.40N	121.61E	30	4.6	4.5	5.0				4.9	1.7	79 台湾地区
	19	09												Taiwan region
169	19	03–17–51.2	3.67S	104.78W	5	6.2			5.8	5.4	2.9	32		复活节岛海山北部
	19	11												Northern Easter I. Cordillera
170	19	06–53–27.5	33.90N	118.68W	15				4.8	5.2	1.3	26		加利福尼亚州南部
	19	14												Southern California
171	19	10–51–05.0	38.25N	77.03E	19		3.4				4.5	7		新疆自治区南部
	19	18												Southern Xinjiang Province
172	19	11–52–54.6	29.85N	94.81E	33		3.8			4.5	2.2	23		印度——中国边境地区
	19	19												India–China border region
173	19	17–05–30.0	51.45N	175.18W	43					4.8	1.5	29		安德烈亚诺夫群岛
	20	01												Andreanof Islands
174	19	20–35–41.4	18.96S	67.23W	218					4.6	2.3	23		玻利维亚南部
	20	04												Southern Bolivia
175	19	21–34–14.5	30.19N	131.05E	89					4.6	2.1	24		琉球群岛
	20	05												Ryukyu Islands
176	19	23–26–03.0	40.62N	113.89E	11		3.8			3.7	2.7	23		中国东北部
	20	07												North–Eastern China
177	20	01–37–17.8	5.39S	103.23E	33				3.7	4.7	1.0	16		苏门答腊南部
	20	09												Southern Sumatera
178	20	01–55–16.1	9.80S	74.59W	102					5.1	1.7	44		秘鲁
	20	09												Peru
179	20	02–03–54.0	41.80S	80.02E	10	5.9		6.0	6.1	5.3	2.2	36		中印度洋海丘
	20	10												Mid–Indian Rise

International Seismological Centre

180	20	02-15-57.3	41.64S	80.15E	10	5.8		5.9	5.4	1.4	61	中印度洋海丘	
	20	10										Mid-Indian Rise	
181	20	12-32-55.7	13.71N	145.10E	121				4.9	1.0	52	马里亚纳群岛	
	20	20										Marianas	
182	20	14-28-43.8	42.64N	86.20E	6		3.6			2.7	10	新疆自治区北部	
	20	22										Northern Xinjiang Province	
183	20	17-26-38.5	11.43S	166.20E	79	5.5		5.4	5.3	1.6	78	圣克鲁斯群岛	
	21	01										Santa Cruz Islands	
184	21	02-52-19.4	38.15N	26.29W	10	5.5		5.8	5.1	5.4	0.8	29	亚速尔群岛
	21	10										Azores	
185	21	09-11-47.3	29.41N	131.49E	36	4.2				4.5	1.2	39	琉球群岛
	21	17										Ryukyu Islands	
186	21	13-55-16.6	29.39N	131.49E	35	4.8				4.7	1.5	44	琉球群岛
	21	21										Ryukyu Islands	
187	21	13-57-18.5	29.27N	131.60E	37	4.9				4.9	2.2	55	琉球群岛地区
	21	21										Ryukyu Islands region	
188	21	14-06-10.9	29.47N	131.47E	33	5.9		5.6	5.5	5.4	1.6	90	琉球群岛
	21	22										Ryukyu Islands	
189	21	14-13-55.4	29.45N	131.48E	32					5.1	1.5	40	琉球群岛
	21	22										Ryukyu Islands	
190	21	14-30-16.4	46.50N	153.78E	33					4.8	1.5	48	千岛群岛
	21	22										Kurile Islands	
191	21	14-37-08.7	29.31N	131.72E	48					4.5	1.9	28	琉球群岛地区
	21	22										Ryukyu Islands region	
192	21	14-42-57.4	29.42N	131.65E	36					4.7	1.4	25	琉球群岛地区
	21	22										Ryukyu Islands region	
193	21	15-14-59.6	29.40N	131.50E	31	4.5				4.9	1.4	58	琉球群岛地区
	21	23										Ryukyu Islands region	
194	21	17-02-35.4	29.41N	131.50E	34	4.0				4.5	1.2	34	琉球群岛地区
	22	01										Ryukyu Islands region	
195	21	17-37-36.2	29.48N	131.45E	32	5.1		5.3		5.2	1.9	81	琉球群岛
	22	01										Ryukyu Islands	
196	21	17-53-26.9	29.48N	131.44E	30	4.5				4.7	1.2	44	琉球群岛
	22	01										Ryukyu Islands	
197	21	17-57-13.9	40.01N	142.59E	56					4.8	1.6	39	本州东海岸近海
	22	01										Near east coast of Honshu	
198	21	18-19-59.9	24.39N	121.85E	9		3.7				1.5	13	台湾岛
	22	02										Taiwan	
199	21	19-48-21.7	29.48N	131.46E	34	4.4				4.6	1.6	45	琉球群岛
	22	03										Ryukyu Islands	
200	21	20-42-36.5	29.50N	131.47E	32	5.5		5.8	5.0	5.4	1.2	93	琉球群岛
	22	04										Ryukyu Islands	
201	21	20-53-29.1	29.43N	131.43E	31	4.9				5.0	1.7	53	琉球群岛
	22	04										Ryukyu Islands	
202	21	21-14-32.4	17.84S	173.20W	14	5.5		5.9	5.2	5.5	1.2	49	汤加
	22	05										Tonga	
203	22	01-13-59.9	29.44N	131.44E	37	4.8			4.8	5.0	1.8	78	琉球群岛
	22	09										Ryukyu Islands	
204	22	01-21-08.6	29.27N	131.73E	37					4.5	2.1	19	琉球群岛地区
	22	09										Ryukyu Islands region	
205	22	02-32-40.6	6.82S	129.48E	171					4.9	1.7	17	班达海
	22	10										Banda Sea	

206	22 03	22 11	49.94N	78.83E	0	5.0		4.6	6.1	1.1	93	哈萨克东部 Eastern Kazakhstan	
207	22 05	22 13	37.28N	71.69E	107				4.2	2.4	17	阿富汗——苏联边境地区 Afghanistan–USSR border region	
208	22 16	23 00	7.51S	128.39E	169				4.7	1.1	26	帝汶岛 Timor	
209	22 17	23 01	27.80N	139.81E	528				4.7	1.0	50	小笠原群岛地区 Bonin Islands region	
210	22 18	23 02	24.61N	122.23E	4	4.6	4.1		4.1	2.7	37	台湾岛 Taiwan	
211	22 19	23 03	24.66N	94.23E	76				4.0	2.0	22	缅甸——印度边境地区 Burma–India border region	
212	22 22	23 06	41.88N	144.17E	22	6.3		6.2	6.3	6.0	1.3	95	北海道地区 Hokkaido region
213	22 22	23 06	42.01N	144.24E	30					5.0	1.5	56	北海道地区 Hokkaido region
214	22 23	23 07	38.58N	68.71E	33	5.6				5.3	1.5	73	塔吉克 Tadzhikistan
215	23 03	23 11	18.08N	95.90E	35					4.4	2.2	25	缅甸 Burma
216	23 04	23 12	23.56N	122.11E	11		3.6				2.2	7	台湾岛 Taiwan
217	23 07	23 15	5.59S	102.71E	39	5.4		5.2	5.4	1.0	81	苏门答腊西南以远地区 South–west of Sumatera	
218	23 11	23 19	5.59S	151.78E	39	5.2		4.8	5.3	1.2	71	新不列颠地区 New Britain region	
219	23 14	23 22	61.95N	4.53E	32	5.1		4.9	5.2	1.3	49	挪威南部 Southern Norway	
220	23 16	24 00	15.93N	121.00E	35				4.3	2.3	9	吕宋岛 Luzon	
221	23 19	24 03	24.95N	124.52E	43		3.6		4.6	2.4	26	琉球群岛西南部 South–western Ryukyu Islands	
222	24 04	24 12	54.68S	26.76W	33			5.1	5.4	2.0	42	南桑德韦奇群岛地区 South Sandwich Islands region	
223	24 04	24 12	27.21N	128.46E	78	4.1			5.3	1.3	77	琉球群岛 Ryukyu Islands	
224	24 08	24 16	28.85N	142.54E	41	4.7		4.5	4.9	1.2	71	小笠原群岛地区 Bonin Islands region	
225	24 10	24 18	22.96N	99.71E	29	4.1	4.4		4.5	2.6	31	缅甸——中国边境地区 Burma–China border region	
226	24 13	24 21	37.11N	76.92E	10		3.7			3.4	5	克什米尔——新疆边境地区 Kashmir–Xinjiang border region	
227	24 18	25 02	31.22N	103.86E	11		3.9			2.6	20	四川省 Sichuan Province	
228	24 20	25 04	42.14N	142.75E	56	5.3		5.7	5.4	5.6	1.5	98	北海道地区 Hokkaido region
229	25 02	25 10	38.22N	73.57E	135					4.5	1.5	15	塔吉克 Tadzhikistan
230	25 03	25 11	25.12S	175.56W	39				4.7	5.1	1.9	15	斐济以南地区 South of Fiji
231	25 06	25 14	22.92N	121.60E	1	4.2	4.2			4.3	1.6	40	台湾地区 Taiwan region

International Seismological Centre

232	25	10-14-33.0	27.97S	26.80E	5			4.4	5.5	1.5	15	南非
	25	18										South Africa
233	25	10-18-35.5	41.84N	144.41E	27	4.3		4.7	4.9	1.5	59	北海道地区
	25	18										Hokkaido region
234	25	14-57-19.1	4.71S	68.10E	15				4.7	1.8	18	卡尔斯伯格海岭
	25	22										Carlsberg Ridge
235	26	02-08-20.5	37.32N	77.42E	11	3.4				3.4	5	克什米尔——新疆边境地区
	26	10										Kashmir-Xinjiang border region
236	26	03-50-18.3	18.27S	178.75W	609				5.4	1.7	21	斐济地区
	26	11										Fiji region
237	26	08-27-00.1	46.57N	153.81E	24				4.8	1.1	28	千岛群岛
	26	16										Kurile Islands
238	26	13-55-00.5	47.67N	154.26E	25	5.8	5.8	5.6	5.6	0.9	92	千岛群岛
	26	21										Kurile Islands
239	26	14-48-08.0	27.29N	102.79E	3	3.2				2.5	11	四川省
	26	22										Sichuan Province
240	26	21-17-26.6	2.26N	126.50E	104				4.9	1.0	27	马鲁古海峡
	27	05										Molucca Passage
241	27	06-34-24.5	44.40N	148.04E	76				4.8	1.1	45	千岛群岛
	27	14										Kurile Islands
242	27	08-34-49.9	56.23N	164.25E	29	6.6	5.8	6.2	5.4	1.6	81	堪察加东海岸远海
	27	16										Off east coast of Kamchatka
243	27	08-55-31.4	32.61N	120.61E	10	3.9				2.5	13	中国东部
	27	16										Eastern China
244	27	11-03-33.0	30.66N	78.67E	33	3.9			3.7	2.8	16	印度北部
	27	19										Northern India
245	27	14-29-24.3	12.15N	143.98E	21	4.7		4.4	5.2	1.1	51	马里亚纳群岛以南地区
	27	22										South of the Marianas
246	27	14-44-03.2	12.32N	143.99E	20				5.1	1.1	25	马里亚纳群岛以南地区
	27	22										South of the Marianas
247	27	19-54-33.6	37.03N	76.82E	10	3.6				4.2	5	克什米尔——新疆边境地区
	28	03										Kashmir-Xinjiang border region
248	27	23-13-13.1	30.70N	70.38E	28				4.7	1.5	22	巴基斯坦
	28	07										Pakistan
249	27	23-15-20.4	40.63N	122.72E	12	3.0				2.6	9	中国东北部
	28	07										North-Eastern China
250	28	06-57-52.2	22.62N	122.05E	22	3.7				2.2	7	台湾地区
	28	14										Taiwan region
251	28	07-26-54.7	33.31N	141.55E	53	5.8	5.9		5.3	1.6	89	本州以南地区
	28	15										South of Honshu
252	28	10-16-38.4	3.46S	149.16E	38				5.0	1.6	25	俾斯麦海
	28	18										Bismarck Sea
253	28	15-34-43.0	6.26S	104.76E	83				4.8	1.1	27	巽他海峡
	28	23										Sunda Strait
254	28	19-54-39.0	10.77S	166.09E	118				4.9	0.9	32	圣克鲁斯群岛
	29	03										Santa Cruz Islands
255	28	22-27-53.5	35.98N	81.06E	8	4.1				2.6	11	克什米尔——西藏边境地区
	29	06										Kashmir-Tibet border region
256	29	07-05-05.4	29.66N	131.44E	40	4.3			4.4	1.8	39	琉球群岛
	29	15										Ryukyu Islands
257	29	10-34-28.7	26.97N	100.80E	7	3.3				3.3	10	云南省
	29	18										Yunnan Province

258	29	13–23–13.4	29.15N	114.03E	24		3.9				2.7	24	中国东部 Eastern China	
	29	21												
259	29	17–34–47.9	44.51N	148.94E	58	4.3				5.2	1.3	82	千岛群岛 Kurile Islands	
	30	01												
260	29	23–46–27.3	23.68N	100.53E	23		3.8				3.3	12	云南省 Yunnan Province	
	30	07												
261	30	04–06–22.3	38.91N	111.51W	27					4.8	5.0	1.3	19	犹他州 Utah
	30	12												
262	30	06–20–35.5	14.50S	167.27E	236						4.9	1.4	22	186 Vanuatu (New Hebrides)
	30	14												
263	30	07–45–44.5	7.90N	72.05W	38					4.5	5.4	1.7	29	哥伦比亚北部 Northern Colombia
	30	15												
264	30	08–29–51.1	39.12N	97.29E	6		3.5				4.3	6	青海省 Qinghai Province	
	30	16												
265	30	09–26–12.0	29.34N	131.69E	22	4.1				4.7	1.7	31	琉球群岛地区 Ryukyu Islands region	
	30	17												
266	30	17–52–20.9	3.12N	123.16E	488					4.6	0.9	29	西里伯斯海 Celebes Sea	
	31	01												
267	31	00–46–18.2	6.15S	149.09E	62	5.2				5.4	2.0	69	新不列颠地区 New Britain region	
	31	08												
268	31	02–49–09.6	14.65S	66.49E	6					5.0	1.3	35	中印度洋海丘 Mid–Indian Rise	
	31	10												
269	31	03–12–07.3	24.84N	124.04E	88						1.4	10	琉球群岛西南部 South–western Ryukyu Islands	
	31	11												
270	31	04–36–57.7	37.01N	83.47E	10		3.7				3.2	8	新疆自治区南部 Southern Xinjiang Province	
	31	12												
271	31	07–08–28.2	14.70S	66.41E	10	5.3		6.0	5.2	5.4	0.9	77	中印度洋海丘 Mid–Indian Rise	
	31	15												
272	31	07–17–05.6	25.07N	117.56E	12		3.5				3.2	10	中国东南沿海 Near south–eastern coast of China	
	31	15												
273	31	12–29–55.2	20.84S	169.85E	115					4.8	1.0	20	189 Loyalty Islands region	
	31	20												
274	31	16–40–27.8	8.00S	115.41E	225					4.7	1.0	29	巴厘地区 Bali region	
	1	00												
	February	1989												
275	1	10–22–40.0	31.66N	140.29E	119			5.4		5.5	1.2	103	本州以南地区 South of Honshu	
	1	18												
276	1	19–50–45.7	23.11N	120.68E	10	4.4	4.2			4.2	2.2	53	台湾岛 Taiwan	
	2	03												
277	1	22–22–05.6	23.05N	120.71E	7	4.3	4.1			4.2	2.4	43	台湾岛 Taiwan	
	2	06												
278	1	23–21–39.9	44.06N	84.45E	11		3.5				3.3	11	新疆自治区北部 Northern Xinjiang Province	
	2	07												
279	2	06–52–32.6	4.92S	143.34E	118					5.0	0.8	25	新几内亚 New Guinea	
	2	14												
280	2	07–47–31.8	46.09N	94.55E	14		3.5				2.8	6	蒙古 Mongolia	
	2	15												
281	3	00–45–53.4	17.81S	178.48W	538					5.2	1.0	44	斐济地区 Fiji region	
	3	08												
282	3	03–39–34.0	3.40S	130.92E	49					5.0	1.2	31	斯兰岛 Seram	
	3	11												

International Seismological Centre

283	3	06–42–33.5	14.14N	120.86E	159					4.9	1.8	12	250	
	3	14												Mindoro
284	3	14–37–20.5	37.93N	112.38E	10	4.1	4.2			4.2	2.4	43	中国东北部	
	3	22												North–Eastern China
285	3	15–18–23.5	64.54N	17.46W	9	5.2			4.9	5.3	1.2	58	冰岛	
	3	23												Iceland
286	3	17–49–58.0	30.11N	90.00E	8	5.6		5.6	5.2	5.5	1.8	100	西藏自治区	
	4	01												Tibet
287	3	18–21–50.6	20.52N	61.52E	8					4.5	1.5	29	阿拉伯海	
	4	02												Arabian Sea
288	3	18–44–32.8	20.08S	178.59W	582					5.2	1.7	31	斐济地区	
	4	02												Fiji region
289	3	18–46–46.4	25.11N	124.72E	20	4.5	4.8	5.1		4.3	2.4	51	琉球群岛西南部	
	4	02												South–western Ryukyu Islands
290	3	20–34–08.9	28.52N	130.56E	44	3.7				4.7	1.7	21	琉球群岛	
	4	04												Ryukyu Islands
291	3	22–10–01.0	30.20N	90.03E	8	4.7				4.2	2.0	29	西藏自治区	
	4	06												Tibet
292	3	22–10–48.6	24.13N	121.56E	7	4.7	4.3			4.8	1.7	44	台湾岛	
	4	06												Taiwan
293	3	23–17–28.9	5.47S	154.32E	117					5.2	0.8	31	新爱尔兰地区	
	4	07												New Ireland region
294	4	01–55–09.4	30.47N	90.30E	35						3.1	10	306	
	4	09												Tibet
295	4	03–08–29.1	27.22N	100.33E	6		3.6				3.2	16	云南省	
	4	11												Yunnan Province
296	4	06–52–55.2	45.82N	143.03E	327			5.0		4.9	1.2	78	北海道地区	
	4	14												Hokkaido region
297	4	07–15–55.7	30.21N	90.05E	11	4.5				4.2	2.3	24	西藏自治区	
	4	15												Tibet
298	4	09–44–52.8	24.15N	123.33E	56	4.1	4.4	5.3		5.1	1.6	79	台湾地区	
	4	17												Taiwan region
299	4	10–56–50.0	37.21N	141.19E	73	4.5				5.2	1.3	85	本州东海岸近海	
	4	18												Near east coast of Honshu
300	4	12–12–58.5	12.66N	124.46E	103					4.9	1.1	55	吕宋岛	
	4	20												Luzon
301	4	13–46–07.9	30.14N	90.06E	10	4.4				3.8	1.8	28	西藏自治区	
	4	21												Tibet
302	4	14–23–38.7	19.39S	179.51W	449					5.3	1.5	53	斐济地区	
	4	22												Fiji region
303	4	15–51–52.4	0.21N	16.77W	9	5.8			5.4	5.6	1.0	34	阿森松岛以北地区	
	4	23												North of Ascension Island
304	4	18–29–53.5	17.26N	120.29E	31		3.5			3.7	2.2	19	吕宋岛	
	5	02												Luzon
305	4	19–24–06.2	5.73N	82.64W	10	6.2		6.2	5.9	5.8	1.9	74	76	
	5	03												Off coast of Central America
306	4	20–26–45.8	5.58S	147.25E	180					5.1	1.0	31	新几内亚东部地区	
	5	04												Eastern New Guinea region
307	4	22–10–39.3	4.56S	153.12E	56	5.8		6.5		6.1	0.9	112	新不列颠地区	
	5	06												New Britain region
308	5	01–59–46.5	33.51N	140.86E	56	5.0		5.5		5.6	1.6	99	本州以南地区	
	5	09												South of Honshu

309	5	05–19–42.2	36.25N	111.31E	11		3.1				3.0	11	中国东部 Eastern China
	5	13											
310	5	10–43–35.3	30.14N	90.06E	12	4.2				3.9	2.1	25	西藏自治区 Tibet
	5	18											
311	6	00–40–40.3	2.82S	130.04E	41				4.0	5.1	1.4	38	斯兰岛 Seram
	6	08											
312	6	05–10–46.2	41.92N	142.77E	20					4.8	2.4	26	北海道地区 Hokkaido region
	6	13											
313	6	05–51–19.2	30.49N	99.03E	7		3.0				2.2	6	西藏自治区 Tibet
	6	13											
314	6	08–05–54.8	31.08N	50.27E	31					4.6	1.1	30	伊朗西部 Western Iran
	6	16											
315	6	13–09–05.4	30.06N	89.97E	12	4.5				3.8	2.9	22	西藏自治区 Tibet
	6	21											
316	6	14–35–30.1	30.26N	90.05E	9		3.5				2.7	12	西藏自治区 Tibet
	6	22											
317	6	15–25–24.3	41.98N	137.50E	303			4.3		4.5	0.9	64	日本海东部 Eastern Sea of Japan
	6	23											
318	6	19–55–05.3	5.16N	125.82E	46				4.3	4.9	2.0	67	塔劳群岛 Talaud Islands
	7	03											
319	7	01–34–01.8	30.63N	103.04E	14		3.3				3.0	11	四川省 Sichuan Province
	7	09											
320	7	02–04–25.8	4.92S	134.22E	35					5.1	1.0	74	阿鲁群岛地区 Aroe Islands region
	7	10											
321	7	04–03–00.6	22.03S	67.36W	176					5.4	2.2	51	智利——玻利维亚边境地区 Chile–Bolivia border region
	7	12											
322	7	04–27–26.7	30.03N	89.97E	17						1.8	8	西藏自治区 Tibet
	7	12											
323	7	09–02–20.9	29.94N	102.94E	8		3.8				2.8	18	四川省 Sichuan Province
	7	17											
324	7	09–13–08.7	51.29N	177.89E	33					4.7	1.2	22	拉特群岛 Rat Islands
	7	17											
325	7	10–49–03.0	42.33N	84.25E	13		3.7				3.0	11	新疆自治区南部 Southern Xinjiang Province
	7	18											
326	7	12–41–42.5	27.22S	176.98W	163					4.9	1.3	37	克马德克群岛地区 Kermadec Islands region
	7	20											
327	7	13–35–26.9	23.81S	180.00E	562					5.2	1.0	57	斐济以南地区 South of Fiji
	7	21											
328	7	15–08–58.7	3.35S	148.84E	38	5.3		5.3	5.2	4.9	1.7	66	俾斯麦海 Bismarck Sea
	7	23											
329	7	21–32–00.7	35.66N	80.79E	5		4.1				4.6	7	克什米尔——西藏边境地区 Kashmir–Tibet border region
	8	05											
330	7	21–57–42.2	22.86N	103.41E	36		3.7				4.6	7	云南省 Yunnan Province
	8	05											
331	8	01–51–18.5	35.89N	81.00E	28		4.4				1.9	11	克什米尔——西藏边境地区 Kashmir–Tibet border region
	8	09											
332	8	09–28–14.5	14.02N	120.15E	70					4.4	1.1	21	菲律宾群岛地区 Philippine Islands region
	8	17											
333	8	15–58–56.6	34.82N	111.14E	11		3.0				3.6	8	中国东部 Eastern China
	8	23											
334	8	16–04–28.6	6.87S	154.67E	53					5.0	1.0	32	所罗门群岛 Solomon Islands
	9	00											

335	8 9 03	19–58–45.6	6.92S	154.55E	38				4.9	0.9	39	所罗门群岛 Solomon Islands
336	8 9 07	23–46–40.0	55.52S	26.72W	25	6.0		5.6	5.5	2.1	58	南桑德韦奇群岛地区 South Sandwich Islands region
337	9 9 10	02–06–38.6	55.60S	26.70W	23	6.0		5.0	5.3	2.5	42	南桑德韦奇群岛地区 South Sandwich Islands region
338	9 9 12	04–21–21.5	52.07N	169.94W	32	5.3		4.8	5.1	0.9	74	福克斯群岛 Fox Islands
339	9 9 19	11–53–01.3	30.17N	89.77E	6					4.4	5	西藏自治区 Tibet
340	9 9 21	13–38–19.2	23.28N	123.50E	9	4.6	3.9		4.8	1.3	81	台湾东南以远地区 South-east of Taiwan
341	9 10 02	18–58–25.8	41.96S	87.98E	22	5.5	5.6	5.3	5.2	1.1	58	东南印度洋海岭 South-East Indian Ridge
342	9 10 03	19–16–41.8	0.52N	122.29E	105				4.7	1.4	28	米那哈沙半岛(西里伯斯) Minahassa Peninsula (Celebes)
343	9 10 05	21–55–51.8	7.56N	126.72E	101				4.7	1.0	50	棉兰老岛 Mindanao
344	9 10 06	22–31–25.2	38.08N	106.38E	9		4.0		3.2	2.3	27	中国北部 Northern China
345	9 10 06	22–49–01.5	22.50S	65.93W	233				5.2	1.5	40	阿根廷胡胡伊省 Jujuy Province, Argentina
346	9 10 07	23–49–15.1	8.51S	29.67E	29				5.2	1.1	32	坦喀尼喀湖地区 Lake Tanganyika region
347	10 10 08	00–36–49.0	25.93N	99.60E	8	4.7	4.4		4.4	2.5	62	云南省 Yunnan Province
348	10 10 16	08–26–07.4	51.11N	176.28W	36				4.9	1.9	14	安德烈亚诺夫群岛 Andreanof Islands
349	10 10 19	11–15–23.7	2.35N	126.71E	49	7.0	6.8	6.8	6.2	1.1	113	马鲁古海峡 Molucca Passage
350	10 10 19	11–26–07.3	2.20N	126.68E	33				5.3	1.0	15	马鲁古海峡 Molucca Passage
351	10 10 19	11–36–26.3	2.25N	126.39E	34				5.4	1.1	59	马鲁古海峡 Molucca Passage
352	10 10 19	11–37–15.1	2.51N	126.64E	32				5.4	1.4	42	马鲁古海峡 Molucca Passage
353	10 10 19	11–47–36.3	2.42N	126.80E	36				5.3	1.6	48	马鲁古海峡 Molucca Passage
354	10 10 19	11–58–13.5	2.19N	126.65E	33				5.2	1.3	23	马鲁古海峡 Molucca Passage
355	10 10 20	12–07–43.1	2.42N	126.71E	43	5.5			5.3	1.1	88	马鲁古海峡 Molucca Passage
356	10 10 20	12–12–04.6	2.27N	126.67E	47	5.4			5.6	0.9	84	马鲁古海峡 Molucca Passage
357	10 10 20	12–16–47.7	2.46N	126.59E	32	5.5			5.5	1.2	83	马鲁古海峡 Molucca Passage
358	10 10 20	12–27–43.7	2.34N	126.63E	32	5.3			5.2	1.0	49	马鲁古海峡 Molucca Passage
359	10 10 20	12–59–29.8	2.41N	126.69E	32	5.4	5.9		5.6	1.0	97	马鲁古海峡 Molucca Passage
360	10 10 21	13–33–53.1	2.24N	126.64E	34	5.3			5.2	1.3	68	马鲁古海峡 Molucca Passage

361	10	13–41–52.2	2.14N	126.56E	32	5.4			4.9	1.4	41	马鲁古海峡
												Molucca Passage
	10	21										
362	10	14–06–28.9	2.39N	126.64E	40	5.0	5.3		5.3	0.9	99	马鲁古海峡
												Molucca Passage
	10	22										
363	10	15–23–55.7	2.49N	126.62E	38	5.2	5.8	4.6	5.5	1.0	100	马鲁古海峡
												Molucca Passage
	10	23										
364	10	16–30–40.3	2.48N	126.66E	33	5.5			5.1	1.1	65	马鲁古海峡
												Molucca Passage
	11	00										
365	10	16–59–20.3	6.28N	92.30E	40	5.7	5.9	5.3	5.3	1.1	96	北苏门答腊西海岸远海
												Off west coast of Northern Sumatera
	11	00										
366	10	17–47–38.0	54.27N	143.00E	34	5.1			4.7	1.7	54	萨哈林
												Sakhalin
	11	01										
367	10	19–56–53.3	2.45N	126.65E	33	5.0	5.6		5.5	1.0	101	马鲁古海峡
												Molucca Passage
	11	03										
368	10	20–29–42.5	2.38N	126.62E	33	5.2	5.6	4.4	5.3	1.0	100	马鲁古海峡
												Molucca Passage
	11	04										
369	10	21–39–45.4	2.35N	126.55E	33				5.1	1.1	73	马鲁古海峡
												Molucca Passage
	11	05										
370	10	22–30–15.9	2.40N	126.62E	33				4.9	1.1	42	马鲁古海峡
												Molucca Passage
	11	06										
371	11	01–35–29.9	2.43N	126.62E	59	4.8			5.3	1.2	91	马鲁古海峡
												Molucca Passage
	11	09										
372	11	01–57–06.1	2.41N	126.63E	66	5.2	5.5		5.2	1.1	103	马鲁古海峡
												Molucca Passage
	11	09										
373	11	02–33–37.1	5.73S	153.27E	40				4.8	1.4	33	新不列颠地区
												New Britain region
	11	10										
374	11	04–05–20.7	2.54N	126.76E	34	4.8		4.1	5.2	1.5	93	马鲁古海峡
												Molucca Passage
	11	12										
375	11	05–50–28.0	32.96N	103.89E	2		3.4			3.0	11	四川省
												Sichuan Province
	11	13										
376	11	11–16–10.9	48.27N	90.63E	25	4.3				2.9	9	新疆自治区北部
												Northern Xinjiang Province
	11	19										
377	11	11–56–19.4	4.79N	95.42E	33				4.7	1.2	29	北苏门答腊西海岸远海
												Off west coast of Northern Sumatera
	11	19										
378	11	11–58–06.1	37.93N	73.00E	20	4.2				3.3	7	塔吉克
												Tadzhikistan
	11	19										
379	11	15–44–24.6	15.72S	167.75E	146				5.6	0.7	81	瓦努阿图(新赫布里底)
												Vanuatu (New Hebrides)
	11	23										
380	11	17–22–28.8	37.48N	83.31E	8	3.9				3.7	10	新疆自治区南部
												Southern Xinjiang Province
	12	01										
381	11	17–45–04.7	36.90N	83.52E	11		3.9			3.1	11	新疆自治区南部
												Southern Xinjiang Province
	12	01										
382	11	18–31–11.3	3.06S	145.44E	30			4.4	5.0	1.9	31	新几内亚北海岸近海
												Near north coast of New Guinea
	12	02										
383	11	20–09–39.9	36.84N	83.65E	9		4.2			3.0	9	新疆自治区南部
												Southern Xinjiang Province
	12	04										
384	12	04–15–06.0	49.96N	78.69E	0	5.0	5.4	4.6	5.9	1.0	108	哈萨克东部
												Eastern Kazakhstan
	12	12										
385	12	05–57–04.9	2.38N	126.63E	33				4.6	1.0	42	马鲁古海峡
												Molucca Passage
	12	13										
386	12	06–00–10.4	2.31N	126.79E	34				4.6	1.3	33	马鲁古海峡
												Molucca Passage
	12	14										

387	12	07–55–47.3	26.22N	96.90E	32	5.2	4.8	5.2	4.4	5.0	1.8	96	缅甸	
	12	15											Burma	
388	12	08–15–17.7	2.16S	138.40E	33				4.3	5.1	0.8	40	西伊里安	
	12	16											West Irian	
389	12	08–42–52.0	57.43N	33.18W	10					4.7	1.5	23	北大西洋	
	12	16											North Atlantic Ocean	
390	12	10–12–00.3	57.31N	33.28W	10					4.9	1.2	39	北大西洋	
	12	18											North Atlantic Ocean	
391	12	11–05–52.4	57.45N	33.55W	13				5.2	5.2	1.2	39	北大西洋	
	12	19											North Atlantic Ocean	
392	12	11–18–39.8	21.40S	178.83W	543					5.1	0.8	64	斐济地区	
	12	19											Fiji region	
393	12	12–02–18.6	36.33N	2.65E	12					4.4	1.7	27	阿尔及利亚	
	12	20											Algeria	
394	12	12–41–25.9	23.51N	99.89E	5		3.9				2.5	10	缅甸——中国边境地区	
	12	20											Burma–China border region	
395	12	16–24–36.5	7.31S	128.58E	139					4.8	1.1	20	班达海	
	13	00											Banda Sea	
396	12	23–44–53.3	30.01N	90.04E	21					3.5	2.0	14	西藏自治区	
	13	07											Tibet	
397	12	23–49–16.2	50.99N	84.15E	33	4.5	4.9			4.6	1.9	46	哈萨克东部	
	13	07											Eastern Kazakhstan	
398	13	02–02–12.4	1.32N	127.41E	124					5.2	1.0	85	马鲁古海峡	
	13	10											Molucca Passage	
399	13	02–15–32.7	38.39N	76.59E	31		4.2			4.4	2.6	19	新疆自治区南部	
	13	10											Southern Xinjiang Province	
400	13	04–09–33.1	8.68S	106.09E	32				3.7	4.8	1.0	71	爪哇以南地区	
	13	12											South of Java	
401	13	08–06–55.9	8.09N	38.12W	11				5.3	5.4	1.7	20	中大西洋中部海岭	
	13	16											Central Mid–Atlantic Ridge	
402	13	08–43–28.0	14.09N	124.38E	35				4.5	4.8	1.5	42	吕宋岛	
	13	16											Luzon	
403	13	11–25–40.8	2.36N	126.76E	33	4.8			4.6	5.2	0.9	84	马鲁古海峡	
	13	19											Molucca Passage	
404	13	12–15–19.1	4.96N	126.91E	87	4.8		5.8		5.7	0.8	105	塔劳群岛	
	13	20											Talaud Islands	
405	13	12–58–19.1	26.18S	179.44E	532					4.7	1.0	32	斐济以南地区	
	13	20											South of Fiji	
406	13	14–17–15.0	57.78S	25.59W	32					5.2	2.2	22	南桑德韦奇群岛地区	
	13	22											South Sandwich Islands region	
407	13	14–51–24.0	57.57N	33.05W	11	5.4			5.2	5.2	1.0	63	北大西洋	
	13	22											North Atlantic Ocean	
408	13	15–14–46.8	57.54N	33.10W	10	5.5		5.8	5.2	5.2	1.3	73	北大西洋	
	13	23											North Atlantic Ocean	
409	13	15–51–06.4	9.43N	123.45E	55	4.7			4.5	4.8	1.9	63	棉兰老岛	
	13	23											Mindanao	
410	13	16–27–34.2	57.65N	33.02W	13					4.7	0.8	15	北大西洋	
	14	00											North Atlantic Ocean	
411	13	20–24–02.1	4.38N	118.07E	28					4.4	1.8	30	加里曼丹(婆罗洲)岛	
	14	04											Kalimantan (Borneo)	
412	13	21–34–07.4	38.70N	142.62E	55					5.1	1.6	50	本州东海岸近海	
	14	05											Near east coast of Honshu	

413	13	22–57–31.2	2.87S	140.82E	41			3.8	5.0	1.2	55	西伊里安	
	14	06										West Irian	
414	13	23–43–45.4	25.75N	142.65E	30	5.1		5.2	5.5	1.5	93	213	
	14	07										Volcano Islands region	
415	13	23–58–19.4	1.30S	127.46E	62				5.0	1.2	60	马鲁古海	
	14	07										Molucca Sea	
416	14	03–59–23.4	25.58N	142.49E	77	4.2			5.0	1.4	47	硫黄列岛地区	
	14	11										Volcano Islands region	
417	14	06–20–20.7	10.37S	161.44E	32	6.3		6.4	6.4	6.0	1.1	102	所罗门群岛
	14	14										Solomon Islands	
418	14	13–05–39.2	17.31S	167.54E	37	5.3		4.9	4.8	1.5	52	瓦努阿图(新赫布里底)	
	14	21										Vanuatu (New Hebrides)	
419	14	13–17–34.1	17.48S	167.58E	43				4.9	2.2	34	瓦努阿图(新赫布里底)	
	14	21										Vanuatu (New Hebrides)	
420	14	13–58–58.7	17.41S	167.76E	32			4.8	4.7	1.4	14	瓦努阿图(新赫布里底)	
	14	21										Vanuatu (New Hebrides)	
421	14	14–53–06.2	17.47S	167.47E	40	5.1		5.1	4.8	1.9	50	瓦努阿图(新赫布里底)	
	14	22										Vanuatu (New Hebrides)	
422	14	15–04–51.6	36.26N	76.42E	29	4.2	4.6		4.7	2.3	20	克什米尔东部	
	14	23										Eastern Kashmir	
423	14	17–10–46.0	17.41S	167.70E	11	5.0		4.9	4.9	1.1	44	瓦努阿图(新赫布里底)	
	15	01										Vanuatu (New Hebrides)	
424	14	18–22–25.6	43.28N	102.58E	13	4.3	5.0		4.8	2.2	59	蒙古	
	15	02										Mongolia	
425	14	20–29–45.7	43.50N	102.73E	13	3.4	4.4			2.7	17	334	
	15	04										Mongolia	
426	15	00–05–34.4	41.92N	142.59E	76				4.9	1.4	58	北海道地区	
	15	08										Hokkaido region	
427	15	01–23–32.2	42.44N	84.64E	33	4.4	5.0		4.3	2.5	38	新疆自治区南部	
	15	09										Southern Xinjiang Province	
428	15	04–01–14.7	39.04N	29.83E	10				4.4	1.5	12	土耳其	
	15	12										Turkey	
429	15	04–33–04.8	38.24N	141.75E	69				4.8	1.7	38	本州东海岸近海	
	15	12										Near east coast of Honshu	
430	15	09–49–32.2	43.72N	87.56E	5		3.7			3.3	5	新疆自治区北部	
	15	17										Northern Xinjiang Province	
431	15	10–10–07.7	37.23N	50.22E	54				4.6	1.5	17	伊朗西部	
	15	18										Western Iran	
432	15	10–28–43.9	2.50N	126.61E	33				5.0	1.2	52	马鲁古海峡	
	15	18										Molucca Passage	
433	15	23–44–22.8	46.04N	90.41E	3		3.5			2.5	9	新疆自治区北部	
	16	07										Northern Xinjiang Province	
434	16	01–15–05.6	9.97N	126.39E	34	5.6			5.1	1.6	22	棉兰老岛	
	16	09										Mindanao	
435	16	05–17–30.6	21.35S	173.95W	39				5.0	1.0	28	汤加	
	16	13										Tonga	
436	16	06–57–46.6	29.20S	178.54W	205				4.9	1.2	42	177	
	16	14										Kermadec Islands region	
437	16	09–57–58.3	5.86N	125.81E	122				5.3	1.5	82	棉兰老岛	
	16	17										Mindanao	
438	16	13–23–35.9	24.26S	179.86E	510				4.8	0.9	29	斐济以南地区	
	16	21										South of Fiji	

International Seismological Centre

439	16 17	16-36-52.2 00	56.20S	122.27W	10	6.1		6.0	5.4	2.8	56	复活节岛海山 Easter Island Cordillera	
440	16 17	19-42-46.0 03	2.65N	126.61E	57	5.2	5.4	4.5	5.1	1.4	79	马鲁古海峡 Molucca Passage	
441	16 17	20-26-02.3 04	2.75N	126.44E	37				4.8	0.7	10	塔劳群岛 Talaud Islands	
442	16 17	21-50-36.7 05	45.51N	151.66E	89	4.9	5.7		5.6	1.5	97	千岛群岛 Kurile Islands	
443	16 17	23-29-32.1 07	2.61N	126.52E	33				4.9	1.1	60	马鲁古海峡 Molucca Passage	
444	17 17	01-14-27.2 09	0.48N	126.35E	38	5.1		5.1	5.3	1.1	92	马鲁古海 Molucca Sea	
445	17 17	04-01-05.9 12	49.90N	78.02E	0		5.1		5.0	1.2	55	哈萨克东部 Eastern Kazakhstan	
446	17 17	05-01-43.0 13	21.84S	176.34W	141				5.4	1.0	45	斐济以南地区 South of Fiji	
447	17 17	13-23-07.5 21	32.27N	101.73E	17		3.4			1.5	10	四川省 Sichuan Province	
448	17 17	15-12-52.1 23	17.43S	72.51W	26			5.3	5.2	2.6	37	秘鲁海岸远海 Off coast of Peru	
449	17 18	17-42-50.1 01	7.30S	106.48E	32				4.7	1.2	12	爪哇岛 Java	
450	18 18	00-49-40.9 08	2.44N	126.77E	32	5.0		4.9	5.1	1.1	72	马鲁古海峡 Molucca Passage	
451	18 18	01-11-15.9 09	2.53N	126.95E	33				4.9	1.2	44	马鲁古海峡 Molucca Passage	
452	18 18	03-11-09.2 11	38.45N	98.28E	16		4.0			2.4	16	青海省 Qinghai Province	
453	18 18	06-27-13.5 14	2.64N	126.81E	32				4.7	1.1	30	马鲁古海峡 Molucca Passage	
454	18 18	09-20-13.7 17	20.35S	177.69W	511				4.8	1.3	31	斐济地区 Fiji region	
455	18 18	11-01-45.2 19	7.64N	94.01E	33	5.5	5.6	5.0	5.3	1.8	93	尼科巴群岛地区 Nicobar Islands region	
456	18 18	13-13-33.4 21	9.61N	57.92E	13	5.1			5.2	1.6	39	卡尔斯伯格海岭 Carlsberg Ridge	
457	18 18	13-16-56.3 21	9.88N	57.85E	10	5.1		4.9	4.8	1.2	45	卡尔斯伯格海岭 Carlsberg Ridge	
458	18 19	16-40-40.1 00	55.43S	30.22W	29				5.1	2.7	23	南桑德韦奇群岛地区 South Sandwich Islands region	
459	18 19	17-08-38.2 01	6.99S	147.21E	25			4.5	4.9	1.4	68	新几内亚东部地区 Eastern New Guinea region	
460	18 19	18-29-56.7 02	51.00N	176.24W	38				4.6	0.9	51	安德烈亚诺夫群岛 Andreanof Islands	
461	19 19	01-45-56.6 09	7.55N	93.91E	23	5.4		4.8	5.2	1.6	94	尼科巴群岛地区 Nicobar Islands region	
462	19 19	03-36-37.7 11	35.06N	24.48E	2				4.2	1.2	19	克里特岛 Crete	
463	19 19	04-23-45.6 12	7.77S	73.98W	55				5.2	2.4	21	秘鲁——巴西边境地区 Peru-Brazil border region	
464	19 19	04-58-23.1 12	34.56N	136.62E	60	4.3		4.1	4.8	1.0	79	本州南部 Southern Honshu	

465	19	08–50–48.6	48.03N	148.22E	346				4.6	1.0	48	千岛群岛西北以远地区	
	19	16										North–west of Kurile Islands	
466	19	10–39–03.0	1.99S	138.94E	33	4.8		4.6	5.5	1.0	90	西伊里安	
	19	18										West Irian	
467	19	11–45–25.9	25.65N	142.55E	34				4.8	1.5	27	硫黄列岛地区	
	19	19										Volcano Islands region	
468	19	12–27–08.4	35.94N	139.87E	64	4.9	5.5		5.5	1.6	105	本州南海岸近海	
	19	20										Near south coast of Honshu	
469	19	12–49–09.9	14.87S	167.34E	110		5.9		5.6	1.1	95	瓦努阿图(新赫布里底)	
	19	20										Vanuatu (New Hebrides)	
470	19	14–28–45.7	36.93N	28.21E	9				4.7	1.6	59	多德卡尼斯群岛	
	19	22										Dodecanese Islands	
471	19	17–48–28.1	8.61S	106.06E	28				4.9	1.1	40	爪哇以南地区	
	20	01										South of Java	
472	19	17–55–47.6	39.25S	46.04E	10			5.2	5.2	0.6	19	大西洋——印度洋海岭	
	20	01										Atlantic–Indian Ridge	
473	20	06–11–31.4	4.66S	102.78E	91				4.8	1.2	43	苏门答腊南部	
	20	14										Southern Sumatera	
474	20	07–48–00.3	38.87N	142.61E	8				4.7	2.0	21	本州东海岸近海	
	20	15										Near east coast of Honshu	
475	20	11–16–38.2	31.24N	97.99E	15	4.5	4.2	4.2	4.5	2.4	57	西藏自治区	
	20	19										Tibet	
476	20	15–57–30.9	3.22S	130.21E	57				4.7	1.1	22	斯兰岛	
	20	23										Seram	
477	20	16–37–31.4	29.29N	67.52E	32	4.4			4.4	2.1	19	巴基斯坦	
	21	00										Pakistan	
478	20	20–00–48.1	27.69N	130.60E	30	3.8			4.2	1.4	29	琉球群岛	
	21	04										Ryukyu Islands	
479	21	09–19–22.0	24.11N	123.66E	55	3.7	3.9		4.5	1.7	54	琉球群岛西南部	
	21	17										South–western Ryukyu Islands	
480	21	10–55–18.6	24.74N	123.27E	10		3.6			4.5	9	台湾地区	
	21	18										Taiwan region	
481	21	14–09–39.0	35.84N	80.55E	11	4.3	5.3	4.0	4.5	2.3	47	克什米尔——西藏边境地区	
	21	22										Kashmir–Tibet border region	
482	21	19–35–26.2	48.33N	153.28E	115				4.9	0.9	57	千岛群岛	
	22	03										Kurile Islands	
483	21	19–43–57.5	36.45N	66.63E	33	4.4		4.3	4.5	1.7	21	兴都库什地区	
	22	03										Hindu Kush region	
484	21	19–53–49.5	14.64N	146.00E	173				4.8	1.2	23	马里亚纳群岛	
	22	03										Marianas	
485	21	22–08–53.3	44.32S	79.15W	26	5.4		5.3	5.6	1.5	56	智利南部海岸远海	
	22	06										Off coast of Southern Chile	
486	22	05–54–25.5	6.00S	127.93E	408				4.7	0.9	19	班达海	
	22	13										Banda Sea	
487	22	06–42–44.4	32.46N	138.03E	343			5.0	5.0	1.0	86	本州以南地区	
	22	14										South of Honshu	
488	22	12–49–30.2	27.35N	102.84E	12		3.5			2.7	16	四川省	
	22	20										Sichuan Province	
489	22	19–04–32.4	25.96N	98.92E	15	4.3	4.0		4.7	2.5	50	缅甸——中国边境地区	
	23	03										Burma–China border region	
490	22	21–17–03.0	5.52S	131.49E	48				4.7	1.6	33	班达海	
	23	05										Banda Sea	

International Seismological Centre

491	23	03–34–54.1	11.40N	141.83E	32			4.4	4.0	1.1	27	加罗林群岛西部	
	23	11										Western Caroline Islands	
492	23	05–51–11.1	14.72S	167.46E	160		5.6		5.4	0.9	72	瓦努阿图(新赫布里底)	
	23	13										Vanuatu (New Hebrides)	
493	23	07–07–38.5	11.52N	141.97E	44			4.3	4.6	1.2	36	加罗林群岛西部	
	23	15										Western Caroline Islands	
494	23	12–40–32.8	21.92S	169.94E	26	5.0		5.1	4.8	1.3	37	洛亚尔提群岛地区	
	23	20										Loyalty Islands region	
495	23	19–16–43.5	46.51N	153.76E	33	3.9			4.9	1.5	38	千岛群岛	
	24	03										Kurile Islands	
496	23	20–37–09.4	1.15S	126.98E	57				4.8	1.6	47	马鲁古海	
	24	04										Molucca Sea	
497	23	20–43–54.7	1.06S	127.21E	30	4.5		4.3	4.7	1.2	54	马鲁古海	
	24	04										Molucca Sea	
498	23	21–21–14.0	5.83N	126.81E	174				4.8	0.8	43	棉兰老岛	
	24	05										Mindanao	
499	23	22–00–58.8	40.56N	109.26E	10	3.9	4.1			2.2	33	中国北部	
	24	06										Northern China	
500	23	22–50–10.8	25.94N	99.01E	11		3.5			3.0	12	缅甸——中国边境地区	
	24	06										Burma–China border region	
501	23	23–51–18.7	38.08N	102.28E	1		3.2			2.9	6	青海省	
	24	07										Qinghai Province	
502	24	00–40–33.4	37.64N	29.31E	17	5.0		4.6	5.0	1.3	56	土耳其	
	24	08										Turkey	
503	24	00–59–07.3	40.19N	96.10E	18		3.4			3.0	5	甘肃省	
	24	08										Gansu Province	
504	24	05–35–37.4	1.18N	97.35E	51	5.3			4.5	0.9	42	北苏门答腊西海岸远海	
	24	13										Off west coast of Northern Sumatera	
505	24	07–33–48.1	14.13N	124.53E	26	5.1		5.7	4.8	5.2	1.1	96	吕宋岛
	24	15										Luzon	
506	24	08–46–58.3	40.52N	109.32E	13		3.8			2.5	16	中国北部	
	24	16										Northern China	
507	24	11–46–01.9	9.20S	159.09E	71				4.7	1.3	48	所罗门群岛	
	24	19										Solomon Islands	
508	24	12–12–31.1	23.53N	143.44E	43	4.5		4.2	4.8	1.1	68	硫黄列岛地区	
	24	20										Volcano Islands region	
509	24	12–30–10.5	37.70N	29.25E	25				4.4	1.2	15	土耳其	
	24	20										Turkey	
510	24	12–36–59.9	38.28S	71.34W	35			4.7	5.3	1.3	19	智利——阿根廷南部边境地区	
	24	20										Southern Chile–Argentina border regi	
511	24	13–38–48.3	3.20N	96.25E	57	4.9			5.0	1.1	81	北苏门答腊西海岸远海	
	24	21										Off west coast of Northern Sumatera	
512	24	15–48–10.6	27.51N	103.65E	7		3.3			3.2	12	云南省	
	24	23										Yunnan Province	
513	24	20–31–16.4	2.39N	126.60E	33				4.7	1.1	22	马鲁古海峡	
	25	04										Molucca Passage	
514	24	22–26–03.4	29.44S	179.20W	343				4.8	1.0	42	克马德克群岛地区	
	25	06										Kermadec Islands region	
515	24	22–46–43.8	26.10N	102.66E	24		3.3			3.6	12	云南省	
	25	06										Yunnan Province	
516	24	23–53–36.7	2.91N	126.30E	33				4.7	1.5	30	塔劳群岛	
	25	07										Talaud Islands	

517	25	01–30–16.5	56.12N	153.43W	38	4.9			4.9	1.5	27	阿拉斯加以南地区	
	25	09										South of Alaska	
518	25	02–05–59.8	47.80N	154.09E	29				4.8	1.0	34	千岛群岛	
	25	10										Kurile Islands	
519	25	04–42–16.8	1.99N	128.32E	31		5.5		5.1	1.4	68	查伊洛洛贾洛洛(哈马黑拉)岛	
	25	12										Djailolo Gilolo (Halmahera)	
520	25	06–58–03.4	36.26N	70.62E	106				4.5	2.3	23	兴都库什地区	
	25	14										Hindu Kush region	
521	25	11–26–34.3	29.95S	177.72W	30	6.6	6.7	6.7	6.1	1.2	88	克马德克群岛	
	25	19										Kermadec Islands	
522	25	23–07–41.8	14.20N	124.52E	27	4.6		4.6	5.0	1.4	58	吕宋岛	
	26	07										Luzon	
523	26	01–50–40.1	7.28S	107.94E	164				4.9	1.0	32	爪哇岛	
	26	09										Java	
524	26	05–34–41.2	58.91S	26.04W	29				5.4	2.1	18	南桑德韦奇群岛地区	
	26	13										South Sandwich Islands region	
525	26	05–58–40.7	14.43N	147.03E	56				5.0	1.2	46	马里亚纳群岛以南地区	
	26	13										South of the Marianas	
526	26	06–18–16.5	29.29N	103.01E	13		3.2			1.8	10	四川省	
	26	14										Sichuan Province	
527	26	12–56–06.4	2.24N	128.08E	74				5.3	1.2	75	查伊洛洛贾洛洛(哈马黑拉)岛	
	26	20										Djailolo Gilolo (Halmahera)	
528	26	17–02–28.7	2.20N	126.54E	85	5.4			5.1	1.5	58	马鲁古海峡	
	27	01										Molucca Passage	
529	26	20–59–25.0	23.61S	177.31W	25				5.3	1.2	23	斐济以南地区	
	27	04										South of Fiji	
530	27	17–09–12.5	4.25S	135.55E	25				3.9	1.1	17	西伊里安地区	
	28	01										West Irian region	
531	27	19–58–14.1	35.78N	140.43E	82	3.6			4.8	1.7	48	本州南海岸近海	
	28	03										Near south coast of Honshu	
532	27	22–07–54.1	35.92N	80.97E	29		4.0			4.4	5	克什米尔——西藏边境地区	
	28	06										Kashmir–Tibet border region	
533	27	23–39–10.5	2.33N	128.08E	55	6.1		6.2	5.8	1.1	107	查伊洛洛贾洛洛(哈马黑拉)岛	
	28	07										Djailolo Gilolo (Halmahera)	
534	28	00–26–40.8	27.14N	92.64E	44		4.7		4.6	1.4	71	印度东部	
	28	08										Eastern India	
535	28	00–51–27.3	2.31N	128.02E	59	5.3		6.5	5.7	1.1	96	查伊洛洛贾洛洛(哈马黑拉)岛	
	28	08										Djailolo Gilolo (Halmahera)	
536	28	01–25–34.3	2.34N	128.12E	65	4.9		5.8	5.3	1.2	88	查伊洛洛贾洛洛(哈马黑拉)岛	
	28	09										Djailolo Gilolo (Halmahera)	
537	28	03–56–59.6	25.99N	102.79E	4		3.6			2.1	12	云南省	
	28	11										Yunnan Province	
538	28	04–49–11.5	2.17N	127.94E	109				4.8	1.5	44	查伊洛洛贾洛洛(哈马黑拉)岛	
	28	12										Djailolo Gilolo (Halmahera)	
539	28	05–10–34.9	2.10N	127.94E	66				5.0	1.3	27	查伊洛洛贾洛洛(哈马黑拉)岛	
	28	13										Djailolo Gilolo (Halmahera)	
540	28	05–50–32.3	2.37N	128.12E	64	4.7	5.4	4.4	5.2	1.4	90	查伊洛洛贾洛洛(哈马黑拉)岛	
	28	13										Djailolo Gilolo (Halmahera)	
541	28	05–53–53.1	2.35N	128.43E	58					1.0	32	查伊洛洛贾洛洛(哈马黑拉)岛	
	28	13										Djailolo Gilolo (Halmahera)	
542	28	06–07–11.5	2.35N	128.06E	67	4.6	5.7		5.0	1.4	72	查伊洛洛贾洛洛(哈马黑拉)岛	
	28	14										Djailolo Gilolo (Halmahera)	

543	28	13–01–56.9	23.13S	61.50W	565			5.9	5.6	1.4	34	阿根廷萨尔塔省	
	28	21										Salta Province, Argentina	
544	28	13–48–56.7	7.62S	127.41E	195				5.0	1.0	50	帝汶岛	
	28	21										Timor	
545	28	16–31–00.3	26.14N	130.66E	38	4.5			4.7	1.4	50	239	
	1	00										Ryukyu Islands region	
546	28	17–25–52.2	34.51N	139.32E	131				4.1	2.1	39	本州南海岸近海	
	1	01										Near south coast of Honshu	
547	28	18–33–47.3	2.50S	140.85E	52				4.9	1.0	32	西伊里安	
	1	02										West Irian	
548	28	21–45–27.1	2.04N	126.54E	82				5.0	1.2	26	马鲁古海峡	
	1	05										Molucca Passage	
549	28	21–57–50.2	11.32S	166.38E	64				5.2	0.8	31	圣克鲁斯群岛	
	1	05										Santa Cruz Islands	
	March	1989											
550	1	01–41–59.4	9.76S	112.78E	64				4.6	1.1	9	爪哇以南地区	
	1	09										South of Java	
551	1	02–42–01.9	44.25N	148.85E	35	5.9		6.1	5.8	5.7	1.0	115	千岛群岛地区
	1	10										Kurile Islands region	
552	1	03–25–04.8	21.74N	97.98E	14	6.1	5.4	5.8	5.4	5.2	1.6	108	缅甸
	1	11										Burma	
553	1	04–26–26.0	5.04S	149.89E	9				5.5	5.2	0.8	65	新不列颠地区
	1	12										New Britain region	
554	1	09–28–51.8	21.53N	97.85E	11	4.3	4.5			4.6	2.1	29	缅甸
	1	17										Burma	
555	1	13–00–33.0	31.50N	102.49E	13	5.0	4.7	5.5	4.9	5.0	2.2	91	四川省
	1	21										Sichuan Province	
556	1	13–08–18.5	44.10N	149.04E	31	5.0		5.8	5.2	5.4	1.2	89	千岛群岛地区
	1	21										Kurile Islands region	
557	1	17–21–09.3	44.22N	149.02E	35	4.2				5.0	1.3	73	千岛群岛地区
	2	01										Kurile Islands region	
558	1	19–01–27.9	27.60S	66.00E	9					4.8	0.7	30	南印度洋
	2	03										South Indian Ocean	
559	1	19–11–59.7	31.72N	49.57E	51					4.5	1.0	29	伊朗西部
	2	03										Western Iran	
560	1	22–48–17.8	36.47N	70.72E	192					4.2	1.1	28	兴都库什地区
	2	06										Hindu Kush region	
561	2	00–47–26.0	22.11N	98.27E	15		4.0				2.5	5	缅甸
	2	08										Burma	
562	2	05–15–03.6	51.00N	175.99E	33	4.7				5.0	0.8	68	拉特群岛
	2	13										Rat Islands	
563	2	07–13–46.4	18.46N	68.67W	137					5.6	1.0	72	多米尼加共和国地区
	2	15										Dominican Republic region	
564	2	10–15–52.4	39.79N	117.47E	10		3.5				2.1	22	中国东北部
	2	18										North–Eastern China	
565	2	11–32–54.4	3.95S	78.00W	11					4.9	2.9	27	秘鲁——厄瓜多尔边境地区
	2	19										Peru–Ecuador border region	
566	2	12–38–15.1	44.59N	148.59E	44					3.8	1.9	18	千岛群岛
	2	20										Kurile Islands	
567	2	13–02–06.9	44.40N	149.10E	34					4.6	0.7	17	千岛群岛地区
	2	21										Kurile Islands region	

International Seismological Centre

568	2	14–10–27.9	0.56S	77.43W	32				5.0	1.8	38	厄瓜多尔	
	2	22										Ecuador	
569	2	22–18–02.3	44.18N	148.98E	29			3.8	5.0	1.3	62	千岛群岛地区	
	3	06										Kurile Islands region	
570	3	02–12–06.5	34.01N	105.05E	14		3.2			3.2	12	甘肃省	
	3	10										Gansu Province	
571	4	05–17–29.1	36.19N	70.11E	137				4.6	1.2	48	兴都库什地区	
	4	13										Hindu Kush region	
572	4	14–45–42.7	6.98S	125.29E	524				4.5	1.1	28	班达海	
	4	22										Banda Sea	
573	4	22–27–53.2	54.25N	169.19E	9	4.9		4.9	4.8	0.9	48	科曼多尔群岛地区	
	5	06										Komandorsky Islands region	
574	5	05–30–56.5	29.47N	131.00E	54			4.4	4.7	1.6	48	琉球群岛	
	5	13										Ryukyu Islands	
575	5	06–41–35.4	14.92S	167.36E	124				5.1	0.8	48	瓦努阿图(新赫布里底)	
	5	14										Vanuatu (New Hebrides)	
576	5	06–58–32.9	4.39S	144.01E	137				4.8	1.0	28	新几内亚	
	5	14										New Guinea	
577	5	10–57–16.0	44.36N	147.77E	89				4.9	0.9	54	221	
	5	18										Kurile Islands	
578	5	13–48–38.8	42.60N	74.58E	14	4.5	4.7	4.0	4.8	2.0	45	吉尔吉斯	
	5	21										Kirgiziya	
579	5	15–18–12.6	39.22N	113.38E	9		3.1			1.6	11	中国东北部	
	5	23										North–Eastern China	
580	5	17–57–52.5	11.44S	112.86E	33				4.8	0.9	37	爪哇以南地区	
	6	01										South of Java	
581	5	20–13–20.0	51.16N	179.10W	33	4.7		4.5	5.2	0.8	77	安德烈亚诺夫群岛	
	6	04										Andreanof Islands	
582	6	00–05–29.1	35.83N	81.11E	17		3.8			3.4	7	克什米尔——西藏边境地区	
	6	08										Kashmir–Tibet border region	
583	6	00–32–10.5	10.59S	166.18E	178				5.0	0.6	50	圣克鲁斯群岛	
	6	08										Santa Cruz Islands	
584	6	07–26–09.8	3.36S	143.94E	33	4.7		5.8	4.8	5.2	1.0	74	新几内亚北海岸近海
	6	15										Near north coast of New Guinea	
585	6	14–39–41.4	35.61N	140.46E	41	5.7		6.0	5.6	5.9	1.5	113	本州南海岸近海
	6	22										Near south coast of Honshu	
586	6	18–30–19.4	36.36N	137.03E	282				4.6	1.1	29	本州南部	
	7	02										Southern Honshu	
587	6	21–21–12.6	37.12N	71.67E	107				4.5	1.4	50	阿富汗——苏联边境地区	
	7	05										Afghanistan–USSR border region	
588	7	05–58–49.0	36.09N	77.47E	13	4.5	4.8		4.6	1.8	38	302	
	7	13										Eastern Kashmir	
589	7	07–51–56.9	36.01N	77.98E	25	4.3				2.5	13	克什米尔东部	
	7	15										Eastern Kashmir	
590	7	13–16–26.3	33.25N	141.70E	53				4.9	1.1	46	本州以南地区	
	7	21										South of Honshu	
591	7	18–01–38.7	20.44S	178.06W	542				5.1	0.8	45	斐济地区	
	8	02										Fiji region	
592	7	20–38–35.2	30.13N	138.52E	448		4.9		4.7	0.8	83	本州以南地区	
	8	04										South of Honshu	
593	7	21–31–01.0	38.48N	73.50E	13	4.0				4.1	7	塔吉克	
	8	05										Tadzhikistan	

International Seismological Centre

594	8	02–34–25.2	0.18S	124.97E	34	5.1		5.7	5.2	5.8	1.1	96	马鲁古海
	8	10											Molucca Sea
595	8	03–57–21.4	19.07S	168.70E	66					5.2	1.0	77	瓦努阿图(新赫布里底)
	8	11											Vanuatu (New Hebrides)
596	8	05–48–15.4	4.59N	125.88E	100			5.5		5.4	1.6	83	塔劳群岛
	8	13											Talaud Islands
597	8	07–25–30.3	51.14N	179.13W	33					5.0	1.4	61	安德烈亚诺夫群岛
	8	15											Andreanof Islands
598	8	08–22–34.9	6.04S	105.23E	34	4.9				5.3	1.4	61	巽他海峡
	8	16											Sunda Strait
599	8	11–44–31.9	1.03N	126.14E	31	5.6		6.0	5.6	5.9	0.9	102	马鲁古海峡
	8	19											Molucca Passage
600	8	12–43–40.5	41.00N	74.81E	20	4.5	4.6			4.7	2.3	37	吉尔吉斯——新疆边境地区
	8	20											Kirgiziya–Xinjiang border region
601	8	15–36–57.5	51.69N	175.21W	66					5.0	1.0	55	安德烈亚诺夫群岛
	8	23											Andreanof Islands
602	8	18–01–32.9	6.81S	148.02E	62					4.8	1.5	29	新几内亚东部地区
	9	02											Eastern New Guinea region
603	8	20–02–01.0	26.99N	92.69E	13	4.5	4.8	5.4	4.1	5.1	1.7	91	印度东部
	9	04											Eastern India
604	9	01–24–57.0	51.99N	169.77W	34	4.6			4.4	4.9	1.1	55	福克斯群岛
	9	09											Fox Islands
605	9	02–36–59.5	13.67S	34.33E	28	5.6		5.8	5.4	5.8	0.8	59	莫桑比克
	9	10											Mocambique
606	9	17–49–12.9	27.19N	102.77E	5		3.0				3.2	11	四川省
	10	01											Sichuan Province
607	9	23–37–08.7	36.21N	140.97E	50	4.4				5.0	1.4	61	本州东海岸近海
	10	07											Near east coast of Honshu
608	9	23–39–30.5	36.04N	77.76E	31		3.7				3.2	8	克什米尔东部
	10	07											Eastern Kashmir
609	10	03–40–40.9	44.34N	148.51E	57					4.9	0.9	56	千岛群岛地区
	10	11											Kurile Islands region
610	10	09–10–45.3	6.89S	155.97E	110					5.2	0.9	74	所罗门群岛
	10	17											Solomon Islands
611	10	10–38–15.1	56.25N	153.71W	33	5.2			4.5	4.9	0.9	54	阿拉斯加以南地区
	10	18											South of Alaska
612	10	14–14–09.6	4.36S	152.82E	53	5.5		6.0	5.4	5.6	1.1	94	新不列颠地区
	10	22											New Britain region
613	10	21–49–44.6	13.64S	34.33E	29	6.2		6.3	6.1	6.2	0.9	104	莫桑比克
	11	05											Mocambique
614	11	02–16–15.4	24.78N	141.27E	217					4.1	0.7	28	硫黄列岛地区
	11	10											Volcano Islands region
615	11	04–02–26.5	5.17S	152.60E	51	5.4			4.5	5.5	0.9	86	新不列颠地区
	11	12											New Britain region
616	11	05–05–01.2	17.77S	174.65W	242			6.7		6.4	0.9	94	汤加
	11	13											Tonga
617	11	07–12–15.8	35.73N	140.52E	40	4.2				5.1	1.5	77	本州东海岸近海
	11	15											Near east coast of Honshu
618	11	18–46–46.6	6.72S	129.72E	148					5.1	0.7	64	班达海
	12	02											Banda Sea
619	12	02–22–13.8	38.14N	141.96E	75					4.8	1.3	37	本州东海岸近海
	12	10											Near east coast of Honshu

620	12	06–58–05.6	2.41N	126.67E	54	4.4		4.3	5.2	1.0	93	马鲁古海峡	
	12	14										Molucca Passage	
621	12	07–28–24.0	29.43S	177.86W	53				5.2	1.1	34	克马德克群岛	
	12	15										Kermadec Islands	
622	12	12–45–32.5	41.52N	138.73E	244				4.3	1.3	46	日本海东部	
	12	20										Eastern Sea of Japan	
623	12	14–32–19.5	14.31S	167.30E	172				4.8	0.6	22	瓦努阿图(新赫布里底)	
	12	22										Vanuatu (New Hebrides)	
624	12	17–10–45.9	18.41S	179.41W	636				5.1	0.8	33	斐济地区	
	13	01										Fiji region	
625	13	01–37–35.9	26.03N	125.23E	179				4.2	1.8	22	台湾东北以远地区	
	13	09										North–east of Taiwan	
626	13	03–36–36.3	22.99N	120.53E	11	3.9	3.8			2.9	26	台湾岛	
	13	11										Taiwan	
627	13	03–37–46.1	25.82S	176.82W	73				5.1	1.3	22	斐济以南地区	
	13	11										South of Fiji	
628	13	04–23–56.4	33.98N	137.07E	348				4.7	1.0	82	本州南部南海岸近海	
	13	12										Near south coast of Southern Honshu	
629	13	07–03–38.7	38.41N	125.97E	21	3.7	4.1			2.4	21	南朝鲜	
	13	15										South Korea	
630	13	07–37–23.5	28.15N	55.28E	69				4.5	0.5	23	伊朗南部	
	13	15										Southern Iran	
631	13	09–01–52.6	37.18N	78.46E	8		3.9			2.3	11	克什米尔——新疆边境地区	
	13	17										Kashmir–Xinjiang border region	
632	13	09–26–36.9	17.40S	174.65W	208				4.7	1.1	25	汤加	
	13	17										Tonga	
633	13	13–02–14.7	50.83N	10.00E	5	5.7		4.7	5.4	1.3	60	德国	
	13	21										Germany	
634	13	14–42–33.3	20.71S	177.21W	499				5.1	0.8	29	斐济地区	
	13	22										Fiji region	
635	13	21–39–50.5	16.19S	179.07W	320				4.8	1.0	34	斐济地区	
	14	05										Fiji region	
636	13	22–05–17.2	0.61N	127.43E	140				5.0	1.3	54	马鲁古海峡	
	14	06										Molucca Passage	
637	13	23–31–05.1	2.92N	126.49E	78				4.9	1.3	27	塔劳群岛	
	14	07										Talaud Islands	
638	14	02–35–01.3	43.20N	84.06E	7		3.1			3.1	7	新疆自治区北部	
	14	10										Northern Xinjiang Province	
639	14	03–27–18.6	29.60N	67.13E	46	4.5			4.6	2.3	14	巴基斯坦	
	14	11										Pakistan	
640	14	08–42–02.2	40.02N	77.61E	14	4.1	4.4			2.4	16	新疆自治区南部	
	14	16										Southern Xinjiang Province	
641	14	11–08–01.1	35.45N	23.31E	56				4.7	0.8	44	地中海	
	14	19										Mediterranean Sea	
642	14	14–39–32.8	29.17N	104.67E	10		3.3			3.5	8	四川省	
	14	22										Sichuan Province	
643	14	15–46–42.8	55.48N	166.26E	34	4.9		4.4	4.9	0.9	52	科曼多尔群岛地区	
	14	23										Komandorsky Islands region	
644	14	18–00–38.0	43.52N	146.90E	62				4.9	1.3	63	千岛群岛	
	15	02										Kurile Islands	
645	14	18–27–40.6	32.91N	132.21E	61	3.8			4.6	1.5	41	九州岛	
	15	02										Kyushu	

International Seismological Centre

646	14 15	19–12–13.9	42.02N	142.68E	36				4.7	1.4	38	北海道地区 Hokkaido region
647	14 15	19–42–05.5	61.21N	59.23W	10				4.8	0.8	44	戴维斯海峡 Davis Strait
648	14 15	20–31–05.9	42.11N	83.79E	18		3.8			2.5	11	新疆自治区南部 Southern Xinjiang Province
649	14 15	23–54–22.1	26.04N	128.63E	37	4.4		4.3	4.7	1.6	49	琉球群岛 Ryukyu Islands
650	15 15	01–28–42.2	26.01N	128.52E	39	5.0	4.9		5.1	1.7	82	琉球群岛 Ryukyu Islands
651	15 15	04–17–33.4	30.50S	177.89W	60	5.3		4.9	5.2	1.8	46	克马德克群岛地区 Kermadec Islands region
652	15 15	05–16–33.6	22.38S	171.10E	82				5.2	0.9	39	洛亚尔提群岛地区 Loyalty Islands region
653	15 15	07–14–58.6	33.07N	122.46E	10		3.1			1.1	6	中国东部 Eastern China
654	15 16	16–37–05.9	9.67N	122.58E	52	4.1		4.0	4.9	1.4	69	内格罗斯岛 Negros
655	15 16	19–26–45.1	31.87N	50.56E	71				4.6	1.1	24	伊朗 Iran
656	16 16	04–17–27.1	60.11N	69.68W	8	5.3		5.0	5.2	1.0	74	魁北克省北部 Northern Quebec Province
657	16 16	05–44–06.8	2.34S	140.39E	22				4.7	1.4	28	西伊里安北海岸近海 Near north coast of West Irian
658	16 16	07–23–58.0	63.29S	62.36W	34			4.8	5.3	2.7	31	南设得兰群岛 South Shetland Islands
659	16 16	08–13–25.3	58.73N	153.03W	57				5.1	0.9	49	科迪亚克岛地区 Kodiak Island region
660	16 16	08–39–06.0	14.13S	167.77E	36				4.8	1.5	23	瓦努阿图(新赫布里底) Vanuatu (New Hebrides)
661	16 16	09–33–56.7	30.27S	177.94W	38	5.5	5.8	5.5	5.7	0.8	84	克马德克群岛 Kermadec Islands
662	16 16	11–34–23.9	40.65N	77.07E	28		3.9			2.5	12	吉尔吉斯——新疆边境地区 Kirgiziya–Xinjiang border region
663	16 16	12–00–43.1	8.87N	93.61E	34	4.7			4.9	1.7	45	尼科巴群岛地区 Nicobar Islands region
664	16 16	13–33–36.8	13.65N	120.94E	141			5.8	5.3	1.1	99	民都洛岛 Mindoro
665	16 17	17–12–22.4	16.97S	65.01W	39			5.4	5.1	1.7	44	玻利维亚 Bolivia
666	17 17	00–50–52.6	41.21N	19.95E	27				5.1	1.5	40	阿尔巴尼亚 Albania
667	17 17	01–22–58.8	43.81N	87.78E	14		3.3			2.8	9	新疆自治区北部 Northern Xinjiang Province
668	17 17	02–21–54.7	27.07N	127.55E	93			5.9	5.8	1.4	103	琉球群岛 Ryukyu Islands
669	17 17	04–02–05.9	35.94N	80.63E	22	4.3	5.3		4.8	1.8	41	克什米尔——西藏边境地区 Kashmir–Tibet border region
670	17 17	05–42–53.6	34.63N	25.36E	31	5.3		5.2	4.8	1.0	79	克里特岛 Crete
671	17 17	11–08–08.1	21.68N	98.01E	27	4.7	5.0	5.0	4.2	4.8	2.2	58 缅甸 Burma

International Seismological Centre

672	17	11–14–19.5	21.90N	97.74E	32	4.5	4.9	5.0	3.7	1.8	21	缅甸 Burma
	17	19										
673	17	12–37–09.6	21.21N	146.31E	50				4.5	0.6	21	马里亚纳群岛 Marianas
	17	20										
674	17	13–38–39.1	5.83S	146.61E	42	5.4		5.8	5.5	5.7	1.0	98	新几内亚东部地区 Eastern New Guinea region
	17	21										
675	17	14–29–47.8	5.78S	146.66E	56					4.0	0.8	24	新几内亚东部地区 Eastern New Guinea region
	17	22										
676	17	16–37–15.9	35.67N	140.63E	42	4.7		5.3	4.8	5.4	1.6	99	本州东海岸近海 Near east coast of Honshu
	18	00										
677	17	17–26–20.8	58.60N	155.72W	152					5.0	0.8	45	阿拉斯加半岛 Alaska Peninsula
	18	01										
678	17	19–33–08.2	34.41S	178.34W	59	5.8		6.3		5.7	1.0	91	克马德克群岛以南地区 South of Kermadec Islands
	18	03										
679	18	06–49–53.6	2.35N	126.55E	85					4.8	1.2	35	马鲁古海峡 Molucca Passage
	18	14										
680	18	08–39–57.0	36.53N	70.80E	160					4.1	1.2	17	兴都库什地区 Hindu Kush region
	18	16										
681	18	09–36–35.1	18.38N	145.41E	442					4.7	0.8	80	马里亚纳群岛地区 Marianas region
	18	17										
682	18	11–11–11.5	51.28N	178.29W	30					4.8	0.9	37	安德烈亚诺夫群岛 Andreanof Islands
	18	19										
683	18	11–37–57.9	45.80N	151.80E	38				3.8	4.7	1.6	49	千岛群岛 Kurile Islands
	18	19										
684	18	13–37–48.5	23.66S	178.95E	533					5.2	0.8	53	斐济以南地区 South of Fiji
	18	21										
685	18	14–34–10.3	17.94N	146.71E	67	4.2			4.2	4.5	1.4	30	马里亚纳群岛 Marianas
	18	22										
686	18	21–27–38.7	39.18N	23.43E	11					4.3	1.5	26	希腊 Greece
	19	05										
687	18	22–46–39.1	50.60N	156.76E	34					4.7	1.0	38	千岛群岛 Kurile Islands
	19	06										
688	19	00–05–34.7	39.52N	94.86E	13		3.4				3.5	9	甘肃省 Gansu Province
	19	08										
689	19	00–33–21.7	12.75N	143.50E	110					5.3	0.8	62	马里亚纳群岛以南地区 South of the Marianas
	19	08										
690	19	01–29–35.5	37.97S	93.63W	7				4.6	5.2	2.7	41	西智利海丘 West Chile Rise
	19	09										
691	19	02–38–51.1	1.58N	126.63E	69					5.2	1.1	73	马鲁古海峡 Molucca Passage
	19	10										
692	19	05–36–58.0	39.24N	23.41E	8	5.5		5.9	5.3	5.2	0.9	89	希腊 Greece
	19	13										
693	19	12–12–34.0	52.45N	154.72E	356			5.0		4.8	0.9	99	千岛群岛西北以远地区 North–west of Kurile Islands
	19	20										
694	19	15–09–14.0	44.96N	148.45E	65					4.8	2.0	55	千岛群岛 Kurile Islands
	19	23										
695	19	19–09–01.5	24.26N	103.75E	23	3.5					3.1	12	云南省 Yunnan Province
	20	03										
696	19	22–46–20.9	40.27N	96.29E	8	3.5					2.6	8	甘肃省 Gansu Province
	20	06										
697	20	01–06–32.0	59.91N	153.80W	126			5.7		5.1	0.7	106	阿拉斯加州南部 Southern Alaska
	20	09										

698	20	02–36–49.6	24.27N	125.29E	31	5.1	4.7	5.3	5.4	5.3	1.6	101	琉球群岛西南部	
	20	10											South–western Ryukyu Islands	
699	20	10–41–10.1	2.45N	84.50W	5				5.1	5.2	1.9	32	厄瓜多尔海岸远海	
	20	18											Off coast of Ecuador	
700	20	12–55–57.4	40.65N	103.74E	20		4.1				2.2	15	中国北部	
	20	20											Northern China	
701	20	15–15–24.7	2.28N	126.67E	95					5.0	0.9	58	马鲁古海峡	
	20	23											Molucca Passage	
702	20	18–19–56.8	5.02S	130.30E	103					5.0	0.8	47	班达海	
	21	02											Banda Sea	
703	21	00–34–15.0	5.49S	146.90E	188					5.0	0.8	15	新几内亚东部地区	
	21	08											Eastern New Guinea region	
704	21	02–00–51.0	36.93N	134.52E	400					4.7	1.0	91	日本海	
	21	10											Sea of Japan	
705	21	04–26–01.0	2.29N	118.49E	32					4.5	0.7	30	加里曼丹(婆罗洲)岛	
	21	12											Kalimantan (Borneo)	
706	21	05–29–32.8	54.67N	90.46E	14	4.2	4.8			4.6	1.2	35	中俄罗斯	
	21	13											Central Russia	
707	21	10–23–01.7	52.19N	171.06W	31					4.3	0.9	24	福克斯群岛	
	21	18											Fox Islands	
708	21	16–42–49.5	4.52N	127.58E	139					4.7	0.7	24	263	
	22	00											Talaud Islands	
709	21	17–53–02.1	24.21N	120.79E	10		3.8				2.2	20	台湾岛	
	22	01											Taiwan	
710	22	01–34–49.9	40.95N	73.98E	19	4.5	4.5			4.7	2.0	35	吉尔吉斯	
	22	09											Kirgiziya	
711	22	03–22–27.2	3.43N	128.15E	96					4.5	1.0	26	马鲁古海峡	
	22	11											Molucca Passage	
712	22	16–38–54.9	9.75S	154.27E	27					5.0	1.2	57	当特尔卡斯托群岛地区	
	23	00											D′Entrecasteaux Islands region	
713	22	16–57–41.5	27.17N	128.04E	96					4.4	1.3	22	琉球群岛	
	23	00											Ryukyu Islands	
714	22	18–10–53.6	20.62S	178.66W	574					5.1	0.9	72	斐济地区	
	23	02											Fiji region	
715	22	19–22–01.8	43.13N	145.50E	70					4.3	1.3	43	北海道地区	
	23	03											Hokkaido region	
716	23	03–10–44.4	2.46N	128.35E	101					5.1	1.0	53	查伊洛洛贾洛洛(哈马黑拉)岛	
	23	11											Djailolo Gilolo (Halmahera)	
717	23	00–21–57.2	40.89N	78.23E	13		3.9				2.7	13	吉尔吉斯——新疆边境地区	
	23	08											Kirgiziya–Xinjiang border region	
718	23	05–33–43.4	23.86N	122.76E	19	4.4	4.4			4.9	1.4	73	台湾地区	
	23	13											Taiwan region	
719	23	05–44–48.7	31.59N	99.81E	24		3.2				4.0	10	307	
	23	13											Sichuan Province	
720	23	07–10–19.2	22.25N	121.27E	14	4.2	4.3			4.6	1.9	49	台湾地区	
	23	15											Taiwan region	
721	23	07–38–47.0	6.91S	72.37E	9					5.1	1.1	56	查戈斯群岛地区	
	23	15											Chagos Archipelago region	
722	23	09–31–22.9	33.82N	141.50E	51	4.9		5.3	4.9	5.6	1.7	88	本州东海岸远海	
	23	17											Off east coast of Honshu	
723	23	12–38–50.5	40.96N	78.17E	24	4.1	4.5			4.5	2.0	34	吉尔吉斯——新疆边境地区	
	23	20											Kirgiziya–Xinjiang border region	

International Seismological Centre

724	23	17–50–05.3	4.95S	80.16W	70					4.9	2.6	35	秘鲁北部海岸近海	
	24	01											Near coast of Northern Peru	
725	23	23–09–51.3	10.34N	93.76E	74	4.5				4.6	1.6	53	尼科巴群岛地区	
	24	07											Nicobar Islands region	
726	24	00–14–52.6	3.21S	130.59E	44					4.4	1.5	27	斯兰岛	
	24	08											Seram	
727	24	01–31–08.1	40.30N	110.00E	15		3.2				3.5	7	中国北部	
	24	09											Northern China	
728	24	09–49–30.6	58.93S	148.64E	11	5.8		5.9	5.6	5.3	1.5	32	麦阔里岛以西地区	
	24	17											West of Macquarie Island	
729	24	15–31–27.5	11.47N	86.38W	41					5.2	1.6	61	哥斯达黎加海岸远海	
	24	23											Off coast of Costa Rica	
730	25	16–57–02.2	29.78S	177.82W	50					5.0	1.4	25	克马德克群岛	
	26	00											Kermadec Islands	
731	25	17–25–53.4	14.57S	66.46E	9					4.8	1.2	41	中印度洋海丘	
	26	01											Mid–Indian Rise	
732	25	23–18–20.9	36.39N	80.99E	12	4.1	4.7				2.0	16	克什米尔——西藏边境地区	
	26	07											Kashmir–Tibet border region	
733	26	00–53–51.5	20.71S	178.64W	587					4.6	1.5	24	斐济地区	
	26	08											Fiji region	
734	26	02–55–47.8	19.35N	121.06E	31	5.1	4.4	5.6	5.1	5.2	1.5	98	吕宋岛	
	26	10											Luzon	
735	26	03–14–24.8	40.57N	77.74E	18		3.3				4.2	5	吉尔吉斯——新疆边境地区	
	26	11											Kirgiziya–Xinjiang border region	
736	26	04–01–30.0	44.63N	146.81E	129					4.7	1.0	49	千岛群岛	
	26	12											Kurile Islands	
737	26	06–39–48.0	14.62S	73.97W	90					5.4	2.2	41	秘鲁海岸近海	
	26	14											Near coast of Peru	
738	26	06–47–44.8	35.74N	140.18E	90					4.8	1.7	26	本州南海岸近海	
	26	14											Near south coast of Honshu	
739	26	15–04–01.5	36.48N	80.89E	40	3.9	4.4				2.8	13	克什米尔——西藏边境地区	
	26	23											Kashmir–Tibet border region	
740	26	16–03–08.8	23.55N	118.76E	32		3.3				2.9	11	台湾地区	
	27	00											Taiwan region	
741	26	16–56–17.5	28.82N	104.93E	13		3.8				2.2	28	四川省	
	27	00											Sichuan Province	
742	26	22–35–00.4	52.22N	157.69E	112					4.4	1.3	30	堪察加东海岸近海	
	27	06											Near east coast of Kamchatka	
743	27	15–45–43.7	12.21N	144.27E	31	5.1		5.4	4.9	5.3	1.0	101	马里亚纳群岛以南地区	
	27	23											South of the Marianas	
744	27	17–20–55.7	31.48N	103.97E	11		3.5				3.7	9	四川省	
	28	01											Sichuan Province	
745	27	18–20–09.2	17.92N	121.14E	32		4.1			4.1	1.2	25	吕宋岛	
	28	02											Luzon	
746	28	12–11–33.2	3.03S	130.42E	33					4.9	1.1	28	斯兰岛	
	28	20											Seram	
747	28	13–29–13.8	34.26N	24.71E	54	5.2		5.8		5.4	0.8	102	地中海	
	28	21											Mediterranean Sea	
748	28	14–00–51.1	22.91N	101.11E	17		3.8				3.4	6	缅甸——中国边境地区	
	28	22											Burma–China border region	
749	28	14–55–26.9	37.28N	69.61E	35	4.2	4.1			4.1	2.4	19	兴都库什地区	
	28	22											Hindu Kush region	

International Seismological Centre

750	28	16–47–30.6	2.01S	128.78E	54					5.3	0.9	27	斯兰海
	29	00											Ceram Sea
751	28	17–05–09.3	29.83S	177.74W	47					5.2	1.0	38	克马德克群岛
	29	01											Kermadec Islands
752	29	00–14–53.3	27.21N	140.50E	283			4.9		5.0	1.0	94	小笠原群岛地区
	29	08											Bonin Islands region
753	29	04–06–12.5	18.27S	72.23W	33					5.3	1.5	63	智利北部海岸远海
	29	12											Off coast of Northern Chile
754	29	06–00–53.8	38.15N	126.44E	29		3.9				2.7	17	南朝鲜
	29	14											South Korea
755	29	11–25–39.4	40.01N	118.92E	7		3.1				2.5	14	中国东北部
	29	19											North–Eastern China
756	29	13–24–43.1	17.30N	121.37E	51	4.0	3.5			4.9	2.2	36	吕宋岛
	29	21											Luzon
757	29	19–10–54.1	5.47S	154.52E	162					4.7	0.7	33	所罗门群岛
	30	03											Solomon Islands
758	29	21–32–54.7	36.56N	70.57E	206			5.3		4.7	1.0	75	兴都库什地区
	30	05											Hindu Kush region
759	30	03–36–42.7	5.07N	127.26E	94					5.4	1.1	64	塔劳群岛
	30	11											Talaud Islands
760	30	14–12–11.8	41.93N	143.67E	21	4.9		5.5	5.0	5.4	1.4	97	北海道地区
	30	22											Hokkaido region
761	30	14–27–13.8	42.05N	90.66E	9		3.4				3.8	7	新疆自治区南部
	30	22											Southern Xinjiang Province
762	30	16–36–25.1	41.23N	44.03E	14					4.6	1.3	45	土耳其——苏联边境地区
	31	00											Turkey–USSR border region
763	30	20–10–06.4	16.06N	119.72E	38	4.6				5.0	1.7	25	吕宋岛
	31	04											Luzon
764	30	20–38–36.1	22.58N	121.92E	22	4.3	4.1			4.6	1.6	44	台湾地区
	31	04											Taiwan region
765	30	20–39–28.9	19.57S	175.78W	229			6.0		5.8	0.8	82	斐济地区
	31	04											Fiji region
766	31	00–44–12.5	31.84N	37.43E	27					4.6	1.3	47	死海地区
	31	08											Dead Sea region
767	31	08–28–16.1	37.22N	69.65E	33	4.6	4.9			4.7	2.3	41	兴都库什地区
	31	16											Hindu Kush region
768	31	10–40–15.8	52.75N	34.92W	10				4.0	4.6	0.8	28	北大西洋
	31	18											North Atlantic Ocean
	April	1989											
769	1	04–30–51.1	5.26N	126.49E	59					4.8	1.2	40	塔劳群岛
	1	12											Talaud Islands
770	1	11–34–38.6	3.14S	127.91E	33					5.1	0.7	21	斯兰岛
	1	19											Seram
771	1	19–12–40.6	39.13N	97.20E	14		3.7				1.6	8	青海省
	2	03											Qinghai Province
772	1	21–58–13.8	32.71S	70.03W	109					5.5	1.6	53	智利——阿根廷边境地区
	2	05											Chile–Argentina border region
773	2	00–37–50.7	12.01S	166.22E	37					4.8	1.0	35	圣克鲁斯群岛
	2	08											Santa Cruz Islands
774	2	06–42–04.2	28.34N	57.30E	44	5.0		5.8	4.8	5.3	0.9	89	伊朗南部
	2	14											Southern Iran

International Seismological Centre

775	2	09–25–22.3	8.89S	126.91E	35			4.9	1.1	22	帝汶岛
	2	17									Timor
776	2	10–43–31.9	5.40S	146.91E	248		5.5	5.6	0.9	91	新几内亚东部地区
	2	18									Eastern New Guinea region
777	2	20–52–02.9	30.90S	179.99E	405			5.1	0.8	86	克马德克群岛地区
	3	04									Kermadec Islands region
778	2	21–24–36.2	32.65N	47.75E	32	5.4		5.0	5.4	1.2	88 伊朗——伊拉克边境地区
	3	05									Iran–Iraq border region
779	3	08–36–23.1	38.18N	138.33E	241				4.2	1.1	26 本州西海岸近海
	3	16									Near west coast of Honshu
780	3	19–32–40.0	41.74N	143.87E	38	4.1		5.0	4.8	1.4	39 北海道地区
	4	03									Hokkaido region
781	3	19–34–41.5	23.66N	102.24E	27		3.5			2.8	5 云南省
	4	03									Yunnan Province
782	3	19–39–31.4	25.23N	94.66E	64	5.2	5.4		5.2	1.7	105 缅甸——印度边境地区
	4	03									Burma–India border region
783	4	13–29–50.3	44.32N	81.66E	19		3.7			3.0	10 新疆自治区北部
	4	21									Northern Xinjiang Province
784	4	20–10–51.7	25.00N	123.41E	144		5.6		5.0	1.1	99 台湾地区
	5	04									Taiwan region
785	5	00–04–27.8	3.48S	136.48E	81				5.1	0.6	30 西伊里安地区
	5	08									West Irian region
786	5	01–30–19.1	47.05N	153.95E	32	4.5		4.4	5.2	0.8	68 千岛群岛
	5	09									Kurile Islands
787	5	15–09–06.1	34.77N	24.15E	30			4.2	4.8	0.8	65 克里特岛
	5	23									Crete
788	5	18–03–47.1	27.02N	104.10E	5		3.1			3.1	10 云南省
	6	02									Yunnan Province
789	5	22–36–36.9	45.32N	150.80E	56				4.5	1.8	37 千岛群岛地区
	6	06									Kurile Islands region
790	5	23–47–49.1	20.86S	68.98W	112		6.0		5.7	1.2	96 智利北部
	6	07									Northern Chile
791	6	03–24–39.9	10.95S	167.13E	35			4.1	4.4	1.8	15 圣克鲁斯群岛
	6	11									Santa Cruz Islands
792	6	06–47–21.5	51.38N	175.68W	48				4.7	1.1	29 安德烈亚诺夫群岛
	6	14									Andreanof Islands
793	6	08–05–56.1	19.24S	169.07E	165		6.5		6.1	1.8	97 瓦努阿图(新赫布里底)
	6	16									Vanuatu (New Hebrides)
794	6	13–48–42.1	44.03N	146.69E	111				4.8	1.1	56 千岛群岛
	6	21									Kurile Islands
795	6	19–15–05.1	10.87S	166.68E	33			4.3	4.6	1.3	27 圣克鲁斯群岛
	7	03									Santa Cruz Islands
796	6	23–36–48.4	33.98N	24.73E	44				4.5	0.7	30 地中海
	7	07									Mediterranean Sea
797	6	23–49–47.0	4.22S	143.46E	148				5.0	0.8	41 新几内亚
	7	07									New Guinea
798	7	03–37–49.6	30.96N	101.01E	8		3.3			1.6	5 四川省
	7	11									Sichuan Province
799	7	13–32–10.7	51.28N	29.91W	9	5.0		4.8	5.3	1.0	68 北大西洋海岭
	7	21									North Atlantic Ridge
800	7	18–45–22.4	12.53S	122.09E	33				5.2	1.1	30 澳大利亚西北以远地区
	8	02									North–West of Australia

801	7	20–51–48.2	2.45S	139.45E	32				5.0	4.6	0.8	20	西伊里安	
	8	04											West Irian	
802	7	21–39–39.1	20.43N	100.65E	9	4.3	4.8			4.2	2.1	23	印度支那半岛	
	8	05											Indo–Pacific Peninsula	
803	8	01–22–20.8	57.29N	143.52W	15	5.2			4.7	4.9	0.8	63	阿拉斯加湾	
	8	09											Gulf of Alaska	
804	8	01–32–47.3	37.80S	50.05E	9				4.9	5.0	1.0	31	大西洋——印度洋海岭	
	8	09											Atlantic–Indian Ridge	
805	8	03–06–01.3	15.63S	172.92W	32	5.7		5.9	5.7	5.4	1.3	76	汤加	
	8	11											Tonga	
806	8	09–03–37.7	26.32N	96.79E	30	4.4	4.2			4.4	2.0	35	缅甸	
	8	17											Burma	
807	8	14–44–34.6	47.36N	153.30E	56					4.9	1.0	32	千岛群岛	
	8	22											Kurile Islands	
808	8	15–01–17.3	35.93N	77.94E	10		4.2				3.0	10	克什米尔东部	
	8	23											Eastern Kashmir	
809	9	02–31–35.9	29.10N	90.08E	10	4.9		5.5	4.7	5.2	1.4	98	西藏自治区	
	9	10											Tibet	
810	9	04–16–27.0	60.02N	145.36E	33	4.7				4.9	2.5	51	西伯利亚东部	
	9	12											Eastern Siberia	
811	9	05–07–49.5	51.55N	178.38W	32	5.0		5.6	4.7	5.2	0.9	91	安德烈亚诺夫群岛	
	9	13											Andreanof Islands	
812	9	09–14–34.2	16.25S	172.83W	25			5.8	4.9	5.1	1.1	47	汤加	
	9	17											Tonga	
813	9	09–22–35.0	20.71S	178.69W	598					5.1	0.8	69	斐济地区	
	9	17											Fiji region	
814	9	10–42–06.1	42.45N	87.19E	11		3.7				2.0	9	新疆自治区南部	
	9	18											Southern Xinjiang Province	
815	9	10–45–05.3	26.94N	100.62E	12		3.1				3.4	8	云南省	
	9	18											Yunnan Province	
816	9	12–47–15.6	2.05N	129.19E	33					5.1	0.7	17	查伊洛洛贾洛洛(哈马黑拉)岛	
	9	20											Djailolo Gilolo (Halmahera)	
817	9	13–06–08.2	40.90N	122.39E	10	3.8	3.8				2.6	17	中国东北部	
	9	21											North–Eastern China	
818	9	16–57–06.5	20.48S	174.46E	35			5.1	5.1	5.1	1.2	44	瓦努阿图(新赫布里底)地区	
	10	00											Vanuatu (New Hebrides) region	
819	9	22–04–25.5	18.99N	145.19E	560					4.5	1.0	24	马里亚纳群岛	
	10	06											Marianas	
820	10	12–17–15.4	2.66N	128.69E	261					4.5	0.7	17	查伊洛洛贾洛洛(哈马黑拉)岛	
	10	20											Djailolo Gilolo (Halmahera)	
821	10	13–06–49.7	3.27S	127.91E	107					4.7	1.0	14	斯兰岛	
	10	21											Seram	
822	10	15–21–13.6	31.53N	103.57E	14		3.2				3.2	8	四川省	
	10	23											Sichuan Province	
823	10	20–55–42.7	10.39S	118.92E	26					5.0	1.2	43	松巴哇以南地区	
	11	04											South of Sumbawa	
824	10	21–15–23.3	19.35N	115.92E	16	4.3	4.5				3.0	15	中国南海	
	11	05											South China Sea	
825	10	23–05–29.3	7.45S	156.91E	43					5.0	0.9	42	所罗门群岛	
	11	07											Solomon Islands	
826	11	03–56–35.6	49.52N	159.15E	16	6.6		6.5	6.6	6.3	0.9	114	千岛群岛地区	
	11	11											Kurile Islands region	

827	11	11–26–53.9	18.36S	167.39E	34								
	11	19											
828	11	13–50–05.6	36.08N	81.01E	13	3.9	4.6				4.4	4.9	2.1	29	瓦努阿图(新赫布里底)地区 Vanuatu (New Hebrides) region
	11	21											1.7	10	克什米尔——西藏边境地区 Kashmir–Tibet border region
829	11	13–53–21.5	0.96S	126.80E	32						4.6	5.0	1.1	48	马鲁古海 Molucca Sea
	11	21											1.8	29	台湾岛 Taiwan
830	11	18–04–23.6	23.91N	120.91E	28	3.5	4.2					4.9	0.5	24	埃塞俄比亚 Ethiopia
	12	02													
831	12	05–05–16.3	13.41N	39.89E	34							4.8	2.2	13	圣克鲁斯群岛 Santa Cruz Islands
	12	13													
832	12	06–47–30.3	10.99S	167.12E	34						3.7	4.4	1.8	18	希腊南部 Southern Greece
	12	14													
833	12	10–05–41.5	38.11N	22.04E	9							4.2	1.1	49	本州南部南海岸近海 Near south coast of Southern Honshu
	12	18													
834	12	17–02–10.6	35.33N	135.60E	374								4.0	9	中国东北部 North–Eastern China
	13	01													
835	12	19–52–26.5	39.02N	114.32E	6		3.1								
	13	03													
836	13	00–43–10.4	39.50S	75.18W	33	5.7		5.8	5.5	5.8	1.3	85	智利南部海岸远海 Off coast of Southern Chile		
	13	08													
837	13	01–30–50.7	16.51N	119.96E	49	4.2	4.3	5.1	4.0	4.9	1.7	97	吕宋岛 Luzon		
	13	09													
838	13	02–07–35.9	34.22N	96.70E	32	4.5				4.4	2.2	45	青海省 Qinghai Province		
	13	10													
839	13	03–49–43.4	27.22S	177.07W	35	5.2				4.8	1.3	23	克马德克群岛地区 Kermadec Islands region		
	13	11													
840	13	07–25–36.2	24.48N	92.45E	33	5.3	4.8	5.5	5.0	5.1	1.4	105	印度——孟加拉边境地区 India–Bangladesh border region		
	13	15													
841	13	07–49–20.9	41.93N	45.89E	36					4.8	1.1	48	高加索东部 Eastern Caucasus		
	13	15													
842	13	07–55–11.7	13.37N	39.89E	33				5.2	5.3	0.8	43	埃塞俄比亚 Ethiopia		
	13	15													
843	13	08–34–38.2	43.29N	117.43E	9		3.3				1.3	11	中国东北部 North–Eastern China		
	13	16													
844	13	10–47–43.8	27.28N	142.64E	35					4.7	1.3	27	小笠原群岛地区 Bonin Islands region		
	13	18													
845	13	12–17–31.4	13.33N	39.86E	32	5.2		5.8	4.9	4.9	0.8	59	埃塞俄比亚 Ethiopia		
	13	20													
846	14	01–15–44.5	14.86S	167.19E	159					5.2	1.2	32	瓦努阿图(新赫布里底) Vanuatu (New Hebrides)		
	14	09													
847	14	02–51–44.7	40.52N	122.37E	9		3.0				1.7	7	中国东北部 North–Eastern China		
	14	10													
848	14	07–17–43.0	10.85S	164.17E	43				4.1	4.8	1.8	20	所罗门群岛 Solomon Islands		
	14	15													
849	14	12–52–25.9	19.33N	145.63E	171					5.4	1.1	84	马里亚纳群岛 Marianas		
	14	20													
850	14	13–02–52.7	18.09S	178.35W	638			5.5		5.4	0.5	61	斐济地区 Fiji region		
	14	21													
851	14	22–51–52.2	23.34N	99.43E	31	4.6	4.5			4.6	1.9	57	缅甸——中国边境地区 Burma–China border region		
	15	06													
852	15	11–26–34.6	42.18N	82.08E	24		3.2				2.5	5	新疆自治区南部 Southern Xinjiang Province		
	15	19													

International Seismological Centre

853	15	12-30-50.1	3.05S	147.53E	36	4.8		4.6	4.7	1.7	32	俾斯麦海
	15	20										Bismarck Sea
854	15	14-26-40.7	8.43N	61.03W	23			5.1	5.8	1.8	74	委内瑞拉
	15	22										Venezuela
855	15	16-03-03.1	40.62N	139.50E	41	4.2	3.9		4.8	2.0	37	本州西海岸近海
	16	00										Near west coast of Honshu
856	15	18-43-16.7	5.30S	145.51E	96				4.7	0.9	19	新几内亚东部地区
	16	02										Eastern New Guinea region
857	15	20-34-08.2	29.99N	99.23E	12	6.6	5.7	6.4	6.2	6.2	1.9	105 西藏自治区
	16	04										Tibet
858	15	22-03-26.4	42.06N	142.69E	77				4.8	1.1	41	北海道地区
	16	06										Hokkaido region
859	15	22-33-32.6	24.82N	122.49E	122				4.5	1.7	26	台湾岛
	16	06										Taiwan
860	15	23-48-36.4	13.65S	171.95E	604			5.6	5.2	0.8	69	185
	16	07										Vanuatu (New Hebrides) region
861	16	00-02-26.9	29.30N	89.97E	33	4.4				2.3	13	西藏自治区
	16	08										Tibet
862	16	03-37-20.3	38.67N	102.51E	18		4.0			2.1	11	甘肃省
	16	11										Gansu Province
863	16	05-24-22.8	26.49N	126.46E	137			5.5	5.3	1.2	92	琉球群岛西南部
	16	13										South-western Ryukyu Islands
864	16	06-50-23.9	1.03N	120.09E	27	5.1		5.6	4.9	5.3	1.2	93 米那哈沙半岛(西里伯斯)
	16	14										Minahassa Peninsula (Celebes)
865	16	07-28-11.0	39.49N	73.63E	18		4.3			2.6	8	塔吉克——新疆边境地区
	16	15										Tadzhikistan-Xinjiang border region
866	16	08-32-51.8	38.73N	102.52E	15	3.8	4.5			2.2	20	甘肃省
	16	16										Gansu Province
867	16	08-43-03.6	21.96S	170.03E	36	5.2			5.1	5.2	1.4	32 洛亚尔提群岛地区
	16	16										Loyalty Islands region
868	16	10-51-16.4	4.85N	32.65W	8	5.7		6.0	5.4	5.4	1.3	42 中大西洋中部海岭
	16	18										Central Mid-Atlantic Ridge
869	16	11-49-38.1	25.22N	95.84E	27	4.5	4.1		4.2	4.7	1.9	59 缅甸
	16	19										Burma
870	16	14-57-15.5	0.82N	121.04E	34					4.8	0.6	21 米那哈沙半岛(西里伯斯)
	16	22										Minahassa Peninsula (Celebes)
871	16	18-25-50.0	29.98N	99.34E	17	4.1	3.9			5.1	2.4	60 306
	17	02										Tibet
872	16	19-48-14.5	20.99S	178.95W	611			5.5		5.7	1.0	114 斐济地区
	17	03										Fiji region
873	16	19-50-58.0	29.94N	99.24E	13	4.1	3.9	4.8		4.9	2.5	40 西藏自治区
	17	03										Tibet
874	17	02-59-07.8	29.90N	99.13E	25	4.3	4.3			4.9	2.3	61 西藏自治区
	17	10										Tibet
875	17	11-15-52.0	6.93S	129.39E	77					5.0	1.3	38 班达海
	17	19										Banda Sea
876	17	14-20-30.8	8.16S	112.93E	112					5.1	1.3	76 爪哇岛
	17	22										Java
877	17	16-30-54.3	23.81N	121.95E	11	4.1	4.0			4.3	1.9	35 台湾岛
	18	00										Taiwan
878	17	17-32-16.4	2.80S	138.94E	59					5.1	1.0	28 西伊里安
	18	01										West Irian

879	17 18	19–53–54.0	23.40N	123.47E	26	4.5	4.0			4.5	1.4	63	台湾地区 Taiwan region
880	17 18	21–28–11.4	18.33N	119.14E	16	4.0	4.0			4.7	1.7	42	菲律宾群岛地区 Philippine Islands region
881	17 18	23–05–09.2	29.88N	99.16E	15	4.0	3.7			4.5	2.6	39	西藏自治区 Tibet
882	18 18	02–01–27.8	21.56S	178.91W	597					5.2	0.8	70	斐济以南地区 South of Fiji
883	18 18	03–04–18.0	28.95N	95.85E	11		4.3			4.5	2.3	33	印度——中国边境地区 India–China border region
884	18 18	08–20–14.7	31.64N	104.31E	16	3.9	4.1			4.3	2.7	36	四川省 Sichuan Province
885	18 18	09–29–53.6	38.10N	106.29E	10		3.3				4.2	5	中国北部 Northern China
886	19 19	00–08–19.0	31.24S	177.73W	11	5.7		6.1	5.9	5.6	1.1	80	克马德克群岛地区 Kermadec Islands region
887	19 19	07–32–22.9	36.66N	73.34E	40		4.5			4.9	2.2	31	阿富汗——苏联边境地区 Afghanistan–USSR border region
888	19 19	13–09–25.4	27.85S	178.39W	273					4.1	1.0	32	克马德克群岛地区 Kermadec Islands region
889	19 20	16–23–52.4	6.92S	129.84E	70	5.3				5.2	0.7	59	班达海 Banda Sea
890	19 20	16–40–28.5	30.08N	90.02E	31	4.5				4.5	1.9	33	西藏自治区 Tibet
891	19 20	22–05–56.6	44.92N	147.59E	29	4.4				4.6	2.0	29	千岛群岛 Kurile Islands
892	20 20	00–10–36.9	46.93N	153.01E	33			4.3		4.8	0.9	23	千岛群岛 Kurile Islands
893	20 20	01–02–55.6	39.93N	79.81E	19		3.2				3.5	6	新疆自治区南部 Southern Xinjiang Province
894	20 20	03–13–59.2	22.79N	121.72E	12	3.9	4.3			4.0	2.1	33	台湾地区 Taiwan region
895	20 20	03–14–32.6	41.30N	82.41E	19		3.8				3.0	12	新疆自治区南部 Southern Xinjiang Province
896	20 20	06–53–32.5	3.03N	126.35E	94					4.9	1.3	68	塔劳群岛 Talaud Islands
897	20 20	08–08–51.3	9.22S	79.06W	64	5.8		5.9		5.8	1.6	95	秘鲁北部海岸远海 Off coast of Northern Peru
898	20 20	08–42–02.0	40.01N	29.84W	9			4.7	4.9		1.3	30	亚速尔群岛 Azores
899	20 20	10–09–30.7	33.18N	110.01E	5		3.2				3.6	11	中国东部 Eastern China
900	20 20	11–28–08.5	28.85N	139.29E	474			4.3		4.5	0.9	48	小笠原群岛地区 Bonin Islands region
901	20 20	15–02–15.9	45.78S	75.68W	11	5.5			5.3	5.5	2.3	25	智利南部海岸远海 Off coast of Southern Chile
902	20 21	20–31–00.0	12.02N	143.08E	35				4.2	5.1	0.9	60	马里亚纳群岛以南地区 South of the Marianas
903	20 21	21–56–58.5	48.59N	85.93E	10		3.4				3.1	7	哈萨克——新疆边境地区 Kazakhstan–Xinjiang border region
904	20 21	22–59–52.3	57.14N	122.36E	24	6.8		6.3	6.5	6.1	1.2	100	俄罗斯东部 Eastern Russia

International Seismological Centre

905	21	05–12–46.7	40.31N	78.91E	14		3.9				2.7	12	新疆自治区南部	
	21	13											Southern Xinjiang Province	
906	21	05–20–37.5	38.69N	102.52E	12		3.3				2.0	5	甘肃省	
	21	13											Gansu Province	
907	21	19–08–38.8	57.06N	123.86E	30	5.0					4.8	2.5	39	俄罗斯东部
	22	03											Eastern Russia	
908	21	20–34–28.2	16.41N	122.27E	64	4.4					4.7	1.1	51	吕宋岛
	22	04											Luzon	
909	21	20–36–03.9	13.32N	144.38E	113						5.2	0.9	75	马里亚纳群岛以南地区
	22	04											South of the Marianas	
910	21	23–16–29.6	36.52N	71.34E	82						4.1	1.9	17	兴都库什地区
	22	07											Hindu Kush region	
911	22	04–48–30.9	35.22S	102.82W	3			4.8	5.0	2.8	30	太平洋南部		
	22	12											Southern Pacific Ocean	
912	22	11–50–39.0	21.23S	179.12W	615						4.9	0.9	40	斐济地区
	22	19											Fiji region	
913	22	12–31–58.7	1.18S	136.87E	33			4.0	5.2	1.5	33	西伊里安地区		
	22	20											West Irian region	
914	22	17–27–57.4	43.21N	121.96E	8		3.1				3.5	8	中国东北部	
	23	01											North–Eastern China	
915	22	17–37–14.3	26.43N	96.92E	32	4.2	4.0				4.4	2.4	38	缅甸
	23	01											Burma	
916	22	19–50–45.3	29.55N	141.60E	39						4.5	1.4	18	本州以南地区
	23	03											South of Honshu	
917	22	21–09–55.9	23.50N	99.20E	22		3.9				4.1	7	缅甸——中国边境地区	
	23	05											Burma–China border region	
918	23	00–25–02.4	37.53N	102.66E	9		3.3				2.4	5	甘肃省	
	23	08											Gansu Province	
919	23	00–35–49.0	21.24N	119.63E	23	4.3	3.8				4.1	1.8	54	菲律宾群岛地区
	23	08											Philippine Islands region	
920	23	03–51–57.2	39.28N	72.57E	34		4.4				4.5	2.4	26	塔吉克
	23	11											Tadzhikistan	
921	23	06–10–26.7	39.45N	72.81E	40		4.5				4.6	1.8	29	塔吉克
	23	14											Tadzhikistan	
922	23	07–50–30.9	14.79S	166.73E	68						5.0	0.9	55	瓦努阿图(新赫布里底)
	23	15											Vanuatu (New Hebrides)	
923	23	13–47–22.2	16.44S	172.23W	33			5.0	5.0	1.4	29	萨摩亚地区		
	23	21											Samoa region	
924	23	15–22–33.1	45.26N	150.21E	79	4.5	5.1				4.9	1.1	83	千岛群岛
	23	23											Kurile Islands	
925	23	17–18–03.3	2.72S	141.46E	15						4.2	1.4	17	西伊里安
	24	01											West Irian	
926	23	19–21–05.0	67.01N	156.42W	7	5.7		5.8	5.1		5.7	0.7	91	阿拉斯加
	24	03											Alaska	
927	23	21–35–34.0	6.56S	105.72E	77						5.1	1.2	52	爪哇岛
	24	05											Java	
928	24	01–30–41.3	28.68N	129.53E	29	4.2	3.8				4.9	2.1	37	琉球群岛
	24	09											Ryukyu Islands	
929	24	01–33–57.7	57.23N	122.59E	27	5.2		5.9	4.4		4.8	1.7	39	俄罗斯东部
	24	09											Eastern Russia	
930	24	13–13–05.3	4.06N	126.86E	63						4.6	1.1	18	塔劳群岛
	24	21											Talaud Islands	

International Seismological Centre

931	24 25	16–59–46.4 00	33.97N	87.89E	13	4.1			4.4	2.7	23	西藏自治区 Tibet
932	24 25	18–04–19.2 02	6.35S	130.15E	169				5.4	1.0	54	班达海 Banda Sea
933	24 25	20–32–55.4 04	17.48S	167.88E	25				5.1	1.7	40	瓦努阿图(新赫布里底) Vanuatu (New Hebrides)
934	24 25	20–41–11.4 04	17.36S	167.82E	34	5.3	5.8		5.3	1.1	87	瓦努阿图(新赫布里底) Vanuatu (New Hebrides)
935	24 25	23–46–00.0 07	17.53S	167.99E	42				4.3	1.4	14	瓦努阿图(新赫布里底) Vanuatu (New Hebrides)
936	25 25	00–31–38.4 08	25.37S	179.71E	498				5.0	1.0	50	斐济以南地区 South of Fiji
937	25 25	00–37–27.7 08	30.13N	130.10E	67				4.4	1.9	17	琉球群岛 Ryukyu Islands
938	25 25	02–13–20.3 10	30.05N	99.42E	7	6.6	6.4	6.0	6.2	1.9	109	西藏自治区 Tibet
939	25 25	03–00–29.2 11	29.62N	99.89E	27		3.5		4.2	2.7	8	四川省 Sichuan Province
940	25 25	03–11–16.4 11	17.36S	167.92E	15			4.8	5.0	0.9	50	瓦努阿图(新赫布里底) Vanuatu (New Hebrides)
941	25 25	03–13–54.3 11	30.03N	99.33E	14		3.8		4.4	2.5	30	西藏自治区 Tibet
942	25 25	03–31–21.5 11	30.09N	99.22E	25		3.8		4.3	2.1	25	西藏自治区 Tibet
943	25 25	05–13–33.4 13	5.07S	143.57E	107			6.1	5.5	1.0	99	新几内亚 New Guinea
944	25 25	07–34–13.9 15	30.03N	99.51E	21	4.5	4.8		4.2	2.4	56	四川省 Sichuan Province
945	25 25	08–14–58.1 16	29.89N	99.34E	15	4.3	4.0			2.7	24	西藏自治区 Tibet
946	25 25	10–27–44.8 18	30.00N	99.45E	11	4.2	4.4			2.9	39	西藏自治区 Tibet
947	25 25	12–13–35.0 20	39.75N	118.45E	10		3.3			2.6	14	中国东北部 North–Eastern China
948	25 25	14–28–59.7 22	16.91N	99.27W	14	7.3		6.9	6.8	6.2	1.3	65 墨西哥格雷罗海岸近海 Near coast of Guerrero, Mexico
949	25 25	15–00–25.2 23	40.29N	77.74E	14		3.5			4.6	5	新疆自治区南部 Southern Xinjiang Province
950	25 25	15–12–48.8 23	29.94N	99.31E	11		4.1		4.5	2.8	38	西藏自治区 Tibet
951	25 26	16–42–58.6 00	30.03N	99.53E	9	4.6	4.3		4.6	2.2	65	四川省 Sichuan Province
952	25 26	17–18–36.3 01	35.89N	140.33E	68	4.6		5.6	5.5	1.5	99	本州南海岸近海 Near south coast of Honshu
953	25 26	18–26–52.1 02	30.03N	99.49E	9	4.3	4.0		4.5	2.6	48	西藏自治区 Tibet
954	25 26	20–45–15.5 04	36.92N	140.79E	98				4.6	1.6	60	本州东海岸近海 Near east coast of Honshu
955	26 26	09–16–38.2 17	23.26N	99.39E	4	4.1	3.9			2.5	17	缅甸——中国边境地区 Burma–China border region
956	26 26	13–44–28.8 21	0.23N	122.15E	211				5.0	0.9	62	米那哈沙半岛(西里伯斯) Minahassa Peninsula (Celebes)

International Seismological Centre

957	26	16-50-40.3	31.09N	131.75E	62								
	27	00											
958	27	00-08-57.4	30.00N	99.35E	25	4.0	3.9						
	27	08											
959	27	02-20-03.4	30.72N	140.66E	83	5.9		6.2					
	27	10											
960	27	02-41-13.8	29.98N	99.31E	9	4.6	4.4						
	27	10											
961	27	04-05-36.5	30.60N	140.75E	94								
	27	12											
962	27	04-18-58.2	30.69N	140.68E	91								
	27	12											
963	27	07-31-17.3	25.95N	128.62E	36	4.4							
	27	15											
964	27	09-34-58.9	23.86S	179.72W	528								
	27	17											
965	27	10-39-35.8	56.25N	164.16E	33	5.4			4.8	4.9	1.5	37	堪察加东海岸远海
	27	18											Off east coast of Kamchatka
966	27	15-14-39.2	30.04N	99.40E	16	3.9	4.1				3.1	23	西藏自治区
	27	23											Tibet
967	27	15-26-45.9	37.46N	141.40E	71					5.1	1.4	84	本州东海岸近海
	27	23											Near east coast of Honshu
968	27	18-39-51.6	66.96N	156.53W	5	4.9			4.8	5.0	0.8	56	阿拉斯加
	28	02											Alaska
969	27	18-52-26.5	16.18S	66.96E	8	5.4				5.1	1.8	44	中印度洋海丘
	28	02											Mid-Indian Rise
970	27	19-09-46.7	66.81N	156.46W	4					4.4	1.4	20	阿拉斯加
	28	03											Alaska
971	27	19-37-34.4	33.67N	80.57E	10	4.0	3.8			4.7	1.7	25	西藏自治区
	28	03											Tibet
972	27	23-06-51.3	36.96N	28.18E	13	5.0		5.8	5.0	5.3	1.1	88	多德卡尼斯群岛
	28	07											Dodecanese Islands
973	28	04-02-37.7	39.34N	23.54E	23				4.7	4.4	1.9	30	希腊
	28	12											Greece
974	28	07-48-21.5	13.78N	89.33W	59					5.2	1.2	44	萨尔瓦多
	28	15											El Salvador
975	28	09-13-45.5	20.20S	67.39E	9	5.3			4.9	5.2	1.9	48	马斯卡林群岛地区
	28	17											Mascarene Islands region
976	28	09-22-08.0	30.04N	99.39E	15	4.0	4.0			4.8	2.5	21	西藏自治区
	28	17											Tibet
977	28	09-23-07.2	16.54S	173.64W	93					5.4	1.0	59	汤加
	28	17											Tonga
978	28	11-12-52.8	30.66N	140.64E	118					4.6	1.4	36	本州以南地区
	28	19											South of Honshu
979	28	12-31-18.0	24.63N	122.06E	97					3.9	2.4	30	台湾岛
	28	20											Taiwan
980	28	13-15-00.1	29.96N	99.13E	14	4.2	4.1			4.6	2.6	31	西藏自治区
	28	21											Tibet
981	28	13-30-18.1	36.97N	28.08E	16	5.2		5.6	5.1	5.1	1.0	82	多德卡尼斯群岛
	28	21											Dodecanese Islands
982	28	16-44-37.5	40.62N	75.40E	16		3.8				3.3	5	吉尔吉斯——新疆边境地区
	29	00											Kirgiziya-Xinjiang border region
4.1	2.0	17	九州岛										
			Kyushu										
4.1	2.8	24	西藏自治区										
			Tibet										
6.1	1.3	97	本州以南地区										
			South of Honshu										
5.1	2.5	48	西藏自治区										
			Tibet										
4.9	1.5	51	本州以南地区										
			South of Honshu										
4.8	1.0	31	本州以南地区										
			South of Honshu										
4.8	1.8	38	琉球群岛										
			Ryukyu Islands										
5.1	1.3	37	斐济以南地区										
			South of Fiji										

International Seismological Centre

983	28	17–38–25.5	4.41S	101.36E	28	6.1		6.0	5.8	5.4	1.1	97	苏门答腊西南以远地区
	29	01											South–west of Sumatera
984	28	20–08–51.0	4.31S	101.34E	30	5.8		5.8	5.6	5.2	1.1	95	苏门答腊西南以远地区
	29	04											South–west of Sumatera
985	28	20–26–17.1	59.45S	29.42W	21			6.0	5.7	5.5	2.5	37	南桑德韦奇群岛地区
	29	04											South Sandwich Islands region
986	28	21–09–57.1	4.24S	101.37E	32	5.9		5.9	5.7	5.4	1.0	104	苏门答腊西南以远地区
	29	05											South–west of Sumatera
987	28	22–13–03.1	4.20S	101.51E	33					5.0	0.8	20	苏门答腊南部
	29	06											Southern Sumatera
988	29	01–03–06.1	5.45S	103.01E	35	5.3		5.7	5.1	5.4	1.1	92	苏门答腊南部
	29	09											Southern Sumatera
989	29	02–13–30.4	33.62N	120.32E	23		3.4				2.0	10	中国东部
	29	10											Eastern China
990	29	02–55–50.1	37.83N	142.35E	28	3.9				4.6	1.6	45	本州东海岸近海
	29	10											Near east coast of Honshu
991	29	06–25–37.2	57.17N	122.50E	26	5.9		5.8	5.1	5.3	1.6	90	656
	29	14											Eastern Russia
992	29	10–14–32.8	7.28S	120.68E	490					4.6	1.3	47	佛罗勒斯海
	29	18											Flores Sea
993	29	15–12–01.5	51.88N	175.33W	32				4.3	5.1	0.8	76	安德烈亚诺夫群岛
	29	23											Andreanof Islands
994	29	21–57–47.9	0.86S	98.03E	42	5.0				4.4	1.0	37	苏门答腊西南以远地区
	30	05											South–west of Sumatera
995	30	00–07–57.4	0.89S	98.03E	34					4.3	0.9	26	苏门答腊西南以远地区
	30	08											South–west of Sumatera
996	30	08–22–54.4	10.91N	68.32W	18	6.3		6.0	6.0	5.9	2.0	70	委内瑞拉海岸近海
	30	16											Near coast of Venezuela
997	30	11–04–23.2	30.09N	99.42E	13	4.3	3.8			4.8	2.6	65	西藏自治区
	30	19											Tibet
998	30	12–52–42.6	30.10N	99.27E	31		4.0			4.2	2.4	19	西藏自治区
	30	20											Tibet
999	30	15–33–52.7	17.90S	178.61W	573			5.9		5.4	0.9	79	斐济地区
	30	23											Fiji region
1000	30	16–26–43.3	43.22N	136.10E	357					4.2	0.8	26	日本海
	1	00											Sea of Japan
1001	30	20–22–40.6	28.80N	140.80E	35					4.3	2.1	16	小笠原群岛地区
	1	04											Bonin Islands region
1002	30	23–05–26.3	30.04N	99.47E	14	5.2	4.8	5.4	4.8	5.1	2.1	82	306
	1	07											Tibet
	May	1989											
1003	1	01–24–42.4	25.64N	142.94E	36	4.0			4.0	5.0	1.8	34	硫黄列岛地区
	1	09											Volcano Islands region
1004	1	08–45–20.8	4.25S	101.36E	30	5.9		5.9	5.6	5.6	0.8	93	苏门答腊西南以远地区
	1	16											South–west of Sumatera
1005	1	17–34–10.7	30.08N	99.49E	13	4.4	4.1			4.9	2.7	49	西藏自治区
	2	01											Tibet
1006	1	19–04–42.2	20.21S	168.15E	22					4.8	0.9	33	洛亚尔提群岛
	2	03											Loyalty Islands
1007	1	19–50–06.9	42.11N	85.17E	15		4.0				2.6	16	新疆自治区南部
	2	03											Southern Xinjiang Province

1008	1	21–03–37.5	37.29N	21.29E	9	5.7			4.8	1.5	45	地中海	
	2	05										Mediterranean Sea	
1009	1	22–58–57.0	39.36N	75.35E	8		3.6			4.3	5	塔吉克——新疆边境地区	
	2	06										Tadzhikistan–Xinjiang border region	
1010	2	02–30–18.7	3.87N	126.40E	33				5.1	0.8	66	塔劳群岛	
	2	10										Talaud Islands	
1011	2	06–25–33.0	45.24N	27.94W	9	5.6			5.0	1.1	24	北大西洋海岭	
	2	14										North Atlantic Ridge	
1012	2	06–27–27.1	45.11N	28.16W	10	5.7		5.9 5.6	5.2	1.0	37	403	
	2	14										North Atlantic Ridge	
1013	2	07–08–16.5	35.13N	136.72E	71	4.2			4.7	1.2	51	本州南部	
	2	15										Southern Honshu	
1014	2	09–30–14.7	16.86N	99.26W	3	5.8		4.9	5.4	1.7	22	墨西哥格雷罗海岸近海	
	2	17										Near coast of Guerrero, Mexico	
1015	2	09–30–58.2	45.00N	28.04W	10	5.6		5.0	5.5	1.1	40	北大西洋海岭	
	2	17										North Atlantic Ridge	
1016	3	02–56–22.7	60.13N	147.36W	12	5.0			4.9	2.7	36	阿拉斯加湾	
	3	10										Gulf of Alaska	
1017	3	05–53–01.0	30.11N	99.54E	14	6.3		6.3 6.1	6.1	1.8	82	四川省	
	3	13										Sichuan Province	
1018	3	06–41–33.2	30.01N	99.47E	10	4.7	4.5		5.1	2.2	67	西藏自治区	
	3	14										Tibet	
1019	3	08–12–05.8	30.08N	99.45E	10	4.3	4.2		4.4	2.8	53	西藏自治区	
	3	16										Tibet	
1020	3	08–19–08.2	30.05N	99.48E	10	4.4	4.0		4.3	2.6	43	西藏自治区	
	3	16										Tibet	
1021	3	08–37–50.9	30.18N	99.38E	11	3.8	3.7		4.8	2.6	27	西藏自治区	
	3	16										Tibet	
1022	3	09–12–40.8	29.93N	51.73E	10	5.2			4.9	1.0	68	伊朗南部	
	3	17										Southern Iran	
1023	3	09–28–46.5	30.11N	99.45E	12	4.1	4.0		4.8	2.7	38	306	
	3	17										Tibet	
1024	3	09–52–03.2	29.95N	99.24E	3	4.3	4.3		4.9	2.7	50	西藏自治区	
	3	17										Tibet	
1025	3	13–18–32.0	1.99N	128.81E	32				5.0	1.6	29	查伊洛洛贾洛洛(哈马黑拉)岛	
	3	21										Djailolo Gilolo (Halmahera)	
1026	3	14–20–32.8	45.50N	151.17E	37	4.2		4.1	5.0	1.7	31	千岛群岛	
	3	22										Kurile Islands	
1027	3	14–20–42.3	25.93N	124.74E	199			5.0	4.7	1.4	70	台湾东北以远地区	
	3	22										North–east of Taiwan	
1028	3	15–41–30.5	30.06N	99.55E	7	6.3	5.3	6.1 5.9	5.8	2.1	92	四川省	
	3	23										Sichuan Province	
1029	3	16–06–50.4	31.71N	104.23E	7	4.8	3.2			2.5	12	四川省	
	4	00										Sichuan Province	
1030	3	17–28–20.6	30.07N	99.45E	10	5.1	4.9	5.1 4.6	5.3	2.2	87	西藏自治区	
	4	01										Tibet	
1031	3	17–33–26.5	51.68N	173.76W	45	4.9			4.8	0.8	54	安德烈亚诺夫群岛	
	4	01										Andreanof Islands	
1032	3	17–53–45.6	52.01N	173.85W	31				4.5	1.5	21	安德烈亚诺夫群岛	
	4	01										Andreanof Islands	
1033	3	17–54–47.7	30.05N	99.43E	9	3.7	3.9			2.7	26	西藏自治区	
	4	01										Tibet	

1034	3	18-19-32.9	30.00N	99.31E	12	3.6	3.8			4.3	2.3	25	西藏自治区
	4	02											Tibet
1035	3	18-44-53.8	6.87N	94.47E	33	5.2			4.8	4.9	1.1	68	尼科巴群岛地区
	4	02											Nicobar Islands region
1036	3	19-59-18.3	39.00N	70.65E	31	4.6	4.2	5.1		4.7	1.8	31	阿富汗——苏联边境地区
	4	03											Afghanistan-USSR border region
1037	3	21-07-22.9	30.10N	99.37E	6	4.0	3.9			4.5	2.7	25	西藏自治区
	4	05											Tibet
1038	4	01-31-19.6	30.03N	99.52E	11	4.8	4.4	5.1	4.3	5.0	2.1	77	四川省
	4	09											Sichuan Province
1039	4	03-37-39.5	40.46N	127.47W	6				4.1	5.0	1.5	31	加利福尼亚北部海岸远海
	4	11											Off coast of Northern California
1040	4	05-30-47.0	30.03N	99.48E	9	4.2	4.0			5.1	2.6	47	西藏自治区
	4	13											Tibet
1041	4	08-25-51.1	30.05N	99.29E	14	4.0	3.8			4.4	2.6	26	西藏自治区
	4	16											Tibet
1042	4	10-30-06.6	6.56S	75.61W	26	5.7			5.1	5.5	1.4	48	秘鲁北部
	4	18											Northern Peru
1043	4	13-15-09.2	21.71S	179.34W	600			5.5		5.4	0.8	70	斐济以南地区
	4	21											South of Fiji
1044	4	14-21-59.5	30.01N	99.56E	10	4.5	4.2			4.7	2.3	64	四川省
	4	22											Sichuan Province
1045	4	16-26-14.2	27.48N	106.33E	9		4.0			4.2	2.3	29	中国东部
	5	00											Eastern China
1046	4	18-10-27.8	30.10N	99.45E	12	4.5	4.4			4.7	2.3	78	西藏自治区
	5	02											Tibet
1047	4	18-32-55.8	12.77S	76.15W	67					5.3	2.0	51	秘鲁海岸近海
	5	02											Near coast of Peru
1048	4	22-25-25.3	38.35N	72.49E	56	4.5				4.8	1.7	42	阿富汗——苏联边境地区
	5	06											Afghanistan-USSR border region
1049	5	06-19-11.7	31.64N	104.41E	7	3.7	4.1				2.9	25	四川省
	5	14											Sichuan Province
1050	5	13-30-41.1	31.46S	178.54W	14				4.9	5.3	1.0	35	克马德克群岛地区
	5	21											Kermadec Islands region
1051	5	16-58-47.8	29.95N	99.41E	8	3.9	3.6			4.7	2.4	36	西藏自治区
	6	00											Tibet
1052	5	17-11-07.1	29.95N	99.40E	8	3.9	3.9		3.8		2.4	38	西藏自治区
	6	01											Tibet
1053	5	18-28-40.3	8.21S	71.38W	599			6.7		6.4	1.3	80	巴西西部
	6	02											Western Brazil
1054	6	02-40-56.1	22.33N	99.90E	12	5.1	5.6		4.5	4.7	1.8	72	缅甸——中国边境地区
	6	10											Burma-China border region
1055	6	02-57-37.6	23.37N	122.42E	18	3.6	3.9				2.0	11	台湾地区
	6	10											Taiwan region
1056	6	03-34-00.5	24.98N	114.81E	11		3.5				2.8	12	中国东南沿海
	6	11											Near south-eastern coast of China
1057	6	03-36-38.3	39.62N	75.36E	20		3.7				2.4	8	新疆自治区南部
	6	11											Southern Xinjiang Province
1058	6	03-54-04.9	6.41S	130.81E	89	5.0				4.5	0.8	34	班达海
	6	11											Banda Sea
1059	6	04-12-44.1	30.00N	99.44E	23	4.2	4.1			4.8	2.7	41	西藏自治区
	6	12											Tibet

International Seismological Centre

1060	6 6 14	06–27–41.7	12.47N	120.99E	32	4.5		4.3	4.7	1.2	53	巴拉望岛 Palawan
1061	6 6 15	07–49–37.3	25.13N	114.76E	7	3.4				3.3	10	中国东南沿海 Near south–eastern coast of China
1062	6 6 18	10–25–10.1	34.42N	122.26E	8	3.1		3.4		3.8	5	黄海 Yellow Sea
1063	6 6 20	12–02–20.9	51.37N	178.18E	39				4.9	0.8	43	拉特群岛 Rat Islands
1064	6 6 21	13–07–16.8	39.16N	113.05E	6	3.2				1.2	9	中国东北部 North–Eastern China
1065	6 7 00	16–25–10.8	24.15N	121.74E	16	3.6				1.8	20	台湾岛 Taiwan
1066	6 7 03	19–04–24.5	36.49N	71.66E	84				4.6	2.3	13	巴基斯坦 Pakistan
1067	6 7 04	20–03–44.4	51.45N	177.90E	28				4.9	0.9	42	拉特群岛 Rat Islands
1068	6 7 05	21–14–57.5	36.54N	70.10E	220		5.2		4.8	1.0	89	兴都库什地区 Hindu Kush region
1069	7 7 08	00–38–17.9	23.52N	99.62E	34	6.2 5.0	6.0	5.6	5.3	2.0	91	缅甸——中国边境地区 Burma–China border region
1070	7 7 11	03–00–26.0	29.92N	99.42E	10	4.0 4.1			4.9	2.5	41	西藏自治区 Tibet
1071	7 7 11	03–55–04.0	29.94N	99.39E	8	3.7 3.5				2.9	19	西藏自治区 Tibet
1072	7 7 16	08–55–57.2	27.35N	127.85E	118				4.8	1.7	39	琉球群岛 Ryukyu Islands
1073	7 7 18	10–59–45.9	21.03N	102.72E	5	4.4 4.1				2.9	16	印度支那半岛 Indo–Pacific Peninsula
1074	7 7 20	12–28–20.9	7.12S	129.14E	177				5.0	1.3	19	班达海 Banda Sea
1075	7 7 20	12–57–23.5	40.21N	115.77E	23	3.4				1.2	15	中国东北部 North–Eastern China
1076	7 7 21	13–05–22.9	37.04N	71.54E	115				4.5	1.6	32	阿富汗——苏联边境地区 Afghanistan–USSR border region
1077	7 8 00	16–28–03.7	57.05N	122.53E	23	5.4 4.8	5.5	4.1	4.9	1.5	72	俄罗斯东部 Eastern Russia
1078	7 8 07	23–49–40.6	37.07N	139.16E	163				4.7	1.5	54	本州岛 Honshu
1079	8 8 08	00–03–13.0	44.93N	79.93E	32	4.3 4.4			4.6	2.3	25	哈萨克东部 Eastern Kazakhstan
1080	8 8 11	03–19–43.0	23.31N	99.46E	20	4.3 4.5				2.5	24	缅甸——中国边境地区 Burma–China border region
1081	8 8 11	03–36–38.7	18.78S	178.75W	535		5.3		5.4	0.7	73	斐济地区 Fiji region
1082	8 8 13	05–10–00.6	39.75N	106.45E	19	4.0				3.4	13	中国北部 Northern China
1083	8 8 14	06–07–55.3	33.12N	104.89E	9	3.4				3.2	11	四川省 Sichuan Province
1084	8 8 14	06–20–02.3	0.06S	126.53E	76	4.7	5.5		5.1	1.5	52	马鲁古海 Molucca Sea
1085	8 8 17	09–45–42.9	6.04S	153.47E	64				4.8	1.5	47	新不列颠地区 New Britain region

1086	8 8	13–47–19.9	29.04N	102.22E	25		3.4			2.4	8	四川省 Sichuan Province
1087	8 8	14–28–31.4	23.08S	179.91W	550			5.8	5.6	0.9	82	斐济以南地区 South of Fiji
1088	8 8	15–31–54.2	44.94N	79.91E	10		3.6			2.9	9	哈萨克东部 Eastern Kazakhstan
1089	8 9	16–04–07.4	39.24N	100.14E	17		3.7			3.4	6	青海省 Qinghai Province
1090	8 9	17–51–09.5	36.05N	140.10E	89	3.8			4.9	1.7	73	本州南海岸近海 Near south coast of Honshu
1091	8 9	23–18–43.0	32.30N	137.57E	383			5.4	5.1	0.8	93	本州以南地区 South of Honshu
1092	9 9	10–37–12.7	43.79N	86.27E	24		4.0			2.0	10	新疆自治区北部 Northern Xinjiang Province
1093	9 10	21–13–46.2	5.57N	125.39E	80	4.6			5.0	1.3	58	棉兰老岛 Mindanao
1094	9 10	22–17–33.0	2.44N	128.06E	32				4.5	1.2	19	查伊洛洛贾洛洛(哈马黑拉)岛 Djailolo Gilolo (Halmahera)
1095	10 10	01–06–48.4	22.15S	69.21E	9	5.2		5.1	5.2	1.1	51	中印度洋海丘 Mid–Indian Rise
1096	10 10	01–37–33.6	34.46N	26.63E	35			3.4	4.1	0.7	19	地中海东部 Eastern Mediterranean Sea
1097	10 10	02–16–56.4	42.68N	119.78E	7		3.2			2.0	11	中国东北部 North–Eastern China
1098	10 10	05–16–11.5	22.12S	69.43E	10			4.7	5.0	1.2	23	中印度洋海丘 Mid–Indian Rise
1099	10 10	08–23–24.5	2.73N	128.39E	53				5.2	0.9	29	马鲁古海峡 Molucca Passage
1100	10 10	10–06–18.7	40.35N	143.57E	26	5.0		4.7	4.7 5.1	1.3	87	本州东海岸远海 Off east coast of Honshu
1101	10 10	13–59–19.7	30.14N	99.54E	17	3.8	4.1		4.4	2.6	29	四川省 Sichuan Province
1102	10 10	15–45–05.3	32.85N	141.76E	34	4.4			4.0 5.0	1.5	61	本州以南地区 South of Honshu
1103	10 11	20–19–19.9	33.42N	75.45E	31	4.5	4.7		4.0 4.8	2.0	40	克什米尔西南部 South–Western Kashmir
1104	10 11	22–18–45.9	23.17S	69.23W	89				5.3	1.5	44	智利北部 Northern Chile
1105	11 11	00–47–07.0	37.90N	121.28E	30		3.1			3.0	7	中国东北部 North–Eastern China
1106	11 11	02–47–43.0	52.00N	170.17W	30	4.9			4.5 5.0	0.8	46	福克斯群岛 Fox Islands
1107	11 12	16–02–06.1	43.74N	147.50E	55			5.1	4.9	1.3	67	千岛群岛 Kurile Islands
1108	11 12	16–45–00.2	21.50S	139.12W	5				5.6	0.9	11	土阿莫土群岛地区 Tuamotu Archipelago region
1109	11 12	20–53–50.5	9.01N	39.98E	10			4.7	4.9	1.0	29	埃塞俄比亚 Ethiopia
1110	12 12	00–40–48.3	32.35N	71.11E	33	4.7	4.6	5.0	4.7	1.4	18	巴基斯坦 Pakistan
1111	12 12	07–18–54.6	48.74N	128.71E	9		3.3			2.8	6	中国东北部 North–Eastern China

International Seismological Centre

1112	12	09–27–17.7	39.64N	102.79E	9		3.2				3.1	8	中国北部	
	12	17											Northern China	
1113	12	20–43–27.0	24.39N	122.22E	28		3.5				1.9	12	台湾岛	
	13	04											Taiwan	
1114	12	23–14–58.3	28.91N	142.33E	30	4.4				5.0	1.4	63	小笠原群岛地区	
	13	07											Bonin Islands region	
1115	13	03–35–01.5	50.16N	105.51E	36	6.1		5.5	5.6	5.6	1.7	88	蒙古	
	13	11											Mongolia	
1116	13	04–10–15.4	49.62N	105.39E	15	5.0	5.2				2.0	45	蒙古	
	13	12											Mongolia	
1117	13	21–35–39.6	4.31N	122.80E	623					4.8	0.9	18	西里伯斯海	
	14	05											Celebes Sea	
1118	13	23–19–40.9	35.27N	91.55E	33	5.5		5.8	4.9	4.9	1.8	80	青海省	
	14	07											Qinghai Province	
1119	14	00–59–49.6	30.52S	178.20W	45	6.6		6.4	6.6	5.9	1.2	85	克马德克群岛地区	
	14	08											Kermadec Islands region	
1120	14	08–03–31.2	25.19S	179.99E	517					5.1	1.0	39	斐济以南地区	
	14	16											South of Fiji	
1121	14	09–10–25.0	2.85S	127.86E	32	4.8		5.8	4.7	5.4	1.7	87	斯兰岛	
	14	17											Seram	
1122	14	09–40–46.1	13.48S	66.14E	8	5.7		6.1	5.6	5.2	1.8	83	中印度洋海丘	
	14	17											Mid–Indian Rise	
1123	14	17–05–04.6	7.44S	128.12E	111					5.3	1.1	79	班达海	
	15	01											Banda Sea	
1124	14	22–53–35.1	52.60N	35.18W	9	5.7		5.9	5.4	5.0	1.8	43	北大西洋	
	15	06											North Atlantic Ocean	
1125	14	23–04–27.2	37.91N	106.25E	10	3.6	3.2				4.1	10	中国北部	
	15	07											Northern China	
1126	15	01–34–36.5	10.44S	164.95E	89					5.1	1.0	34	圣克鲁斯群岛地区	
	15	09											Santa Cruz Islands region	
1127	15	09–22–41.4	38.41N	21.84E	30	5.0			4.5	4.8	1.3	31	希腊南部	
	15	17											Southern Greece	
1128	15	09–54–39.4	43.48N	147.69E	22	4.8			4.0	5.0	1.3	58	北海道海岸远海	
	15	17											Off coast of Hokkaido	
1129	15	18–05–37.7	24.17N	122.25E	39	4.9	4.7	5.0		5.2	1.7	86	台湾岛	
	16	02											Taiwan	
1130	15	18–16–16.8	1.57N	127.27E	106			5.6		5.5	1.1	79	马鲁古海峡	
	16	02											Molucca Passage	
1131	15	19–24–25.7	43.44N	147.70E	24	5.0		5.5	4.9	5.2	1.1	81	北海道海岸远海	
	16	03											Off coast of Hokkaido	
1132	15	19–43–42.3	4.19S	155.23E	479					5.1	1.3	29	所罗门群岛	
	16	03											Solomon Islands	
1133	15	19–53–43.8	7.87N	126.90E	33					4.7	1.1	23	棉兰老岛	
	16	03											Mindanao	
1134	15	21–23–51.0	45.64N	151.61E	29	5.1		5.6	4.9	5.3	1.0	79	千岛群岛	
	16	05											Kurile Islands	
1135	15	23–20–12.8	49.51N	97.82E	30	4.4	5.0				3.3	21	苏联——蒙古边境地区	
	16	07											USSR–Mongolia border region	
1136	15	23–34–33.0	9.73S	159.69E	25	5.7		6.3	5.9	5.9	0.9	91	所罗门群岛	
	16	07											Solomon Islands	
1137	16	08–40–43.6	22.02N	100.63E	21	4.1	4.3				3.1	8	缅甸——中国边境地区	
	16	16											Burma–China border region	

1138	16	09–48–51.1	43.69N	84.01E	23		4.6			4.3	2.4	26	新疆自治区北部
	16	17											Northern Xinjiang Province
1139	16	12–21–10.0	43.48N	127.94W	17	5.6		5.9	5.3	5.3	0.9	59	俄勒冈海岸远海
	16	20											Off coast of Oregon
1140	16	12–23–10.1	10.40N	93.35E	105					4.3	1.6	36	尼科巴群岛地区
	16	20											Nicobar Islands region
1141	16	14–07–24.2	2.96S	130.46E	34					4.9	0.7	52	斯兰岛
	16	22											Seram
1142	16	14–22–40.3	44.02N	149.33E	29					4.4	1.1	17	千岛群岛地区
	16	22											Kurile Islands region
1143	16	15–25–19.3	45.60N	151.76E	27	4.2			4.2	4.9	1.3	54	221
	16	23											Kurile Islands
1144	16	16–00–59.5	45.75N	151.62E	22	4.9		5.4	4.9	5.5	1.1	83	千岛群岛
	17	00											Kurile Islands
1145	16	17–05–08.6	59.67N	151.75W	55					4.6	2.7	16	阿拉斯加州南部
	17	01											Southern Alaska
1146	16	17–22–52.5	56.19S	139.20W	13	5.8			5.8	5.8	1.5	48	南太平洋海山
	17	01											South Pacific Cordillera
1147	16	18–13–22.4	40.49N	122.28E	9		3.4				1.7	8	中国东北部
	17	02											North–Eastern China
1148	16	20–32–52.8	35.96N	104.27E	33		3.3				2.8	5	甘肃省
	17	04											Gansu Province
1149	16	22–15–29.8	35.98N	92.09E	32	4.6	5.1	5.0		4.2	2.5	45	青海省
	17	06											Qinghai Province
1150	16	22–59–39.5	35.38N	140.65E	75					4.4	1.9	37	本州东海岸近海
	17	06											Near east coast of Honshu
1151	16	23–26–54.8	52.22N	168.35W	34					4.9	1.0	47	福克斯群岛
	17	07											Fox Islands
1152	17	04–06–19.0	22.14N	122.66E	5		3.5				2.4	5	台湾地区
	17	12											Taiwan region
1153	17	05–04–35.3	56.94N	122.43E	24	6.5		6.0	5.9	5.6	1.4	81	俄罗斯东部
	17	13											Eastern Russia
1154	17	05–46–49.3	7.14S	129.71E	116					5.0	1.0	37	280
	17	13											Banda Sea
1155	17	09–05–10.5	6.84N	94.94E	58	4.5			4.2	4.0	1.8	29	尼科巴群岛地区
	17	17											Nicobar Islands region
1156	17	18–07–43.5	9.56S	159.69E	37				4.2	4.5	1.2	17	所罗门群岛
	18	02											Solomon Islands
1157	17	18–16–08.4	7.91N	127.09E	4	4.4			8.3	4.0	1.7	52	棉兰老岛
	18	02											Mindanao
1158	17	18–18–42.5	47.08N	154.00E	26	4.6			4.3	5.0	1.3	40	千岛群岛
	18	02											Kurile Islands
1159	17	18–20–21.8	7.55S	156.94E	418					4.5	0.7	43	所罗门群岛
	18	02											Solomon Islands
1160	17	18–56–28.7	30.05N	99.35E	15	3.7	3.9				2.1	25	西藏自治区
	18	02											Tibet
1161	18	02–55–52.6	23.24N	93.06E	33		4.1				3.2	18	印度——孟加拉边境地区
	18	10											India–Bangladesh border region
1162	18	09–54–24.7	3.87N	127.91E	139						1.1	33	塔劳群岛
	18	17											Talaud Islands
1163	18	13–44–57.0	53.24N	167.53W	54						4.8	1.5	16 福克斯群岛
	18	21											Fox Islands

International Seismological Centre

1164	18	16-36-43.7	32.58N	132.26E	60	3.8			4.2	2.2	14	九州岛	
	19	00										Kyushu	
1165	18	22-00-38.6	17.97N	147.29E	61	5.3	5.4	5.1	5.5	1.3	77	马里亚纳群岛	
	19	06										Marianas	
1166	19	01-14-13.2	11.00S	167.03E	78				4.4	1.6	35	圣克鲁斯群岛	
	19	09										Santa Cruz Islands	
1167	19	01-59-31.8	17.87N	146.97E	68				4.8	1.1	34	马里亚纳群岛	
	19	09										Marianas	
1168	19	02-07-03.2	43.41S	92.15E	10				5.0	1.5	20	东南印度洋海岭	
	19	10										South-East Indian Ridge	
1169	19	02-21-54.9	54.33N	165.72W	104		6.1		6.1	0.8	93	福克斯群岛	
	19	10										Fox Islands	
1170	19	03-34-07.7	30.05N	99.57E	32	4.8	4.7	5.1	4.8	2.3	82	四川省	
	19	11										Sichuan Province	
1171	19	06-23-19.6	40.19N	141.98E	82				4.5	1.6	29	本州岛	
	19	14										Honshu	
1172	19	11-50-55.8	24.79S	70.20W	58				5.5	1.4	37	智利北部海岸近海	
	19	19										Near coast of Northern Chile	
1173	19	13-42-18.6	9.82N	92.83E	51				4.6	1.6	12	尼科巴群岛地区	
	19	21										Nicobar Islands region	
1174	19	16-10-54.2	0.15N	121.99E	217				4.6	0.8	24	米那哈沙半岛(西里伯斯)	
	20	00										Minahassa Peninsula (Celebes)	
1175	19	18-47-41.9	5.54N	127.32E	34				4.9	1.3	35	棉兰老岛	
	20	02										Mindanao	
1176	19	19-37-45.6	8.47S	114.68E	151				4.9	1.3	29	巴厘地区	
	20	03										Bali region	
1177	20	00-09-18.4	31.50N	101.67E	12	3.6				2.7	7	四川省	
	20	08										Sichuan Province	
1178	20	05-59-36.7	19.97S	169.46E	36			4.5	5.5	1.1	55	洛亚尔提群岛	
	20	13										Loyalty Islands	
1179	20	07-10-17.1	40.18N	63.66E	35	4.7			4.5	1.1	18	乌兹别克	
	20	15										Uzbekistan	
1180	20	12-28-42.7	23.43N	125.91E	31	4.1	4.1		5.1	1.8	55	台湾东南以远地区	
	20	20										South-east of Taiwan	
1181	20	13-02-01.9	36.62N	70.78E	212				4.8	1.1	72	兴都库什地区	
	20	21										Hindu Kush region	
1182	20	13-08-39.9	16.93N	121.01E	43	5.0	4.7		4.8	2.0	49	吕宋岛	
	20	21										Luzon	
1183	20	15-35-41.0	6.80S	75.55W	14				5.0	2.7	18	秘鲁北部	
	20	23										Northern Peru	
1184	20	16-01-42.0	30.56S	178.02W	26	6.0		6.2	5.9	5.7	1.5	77	克马德克群岛地区
	21	00											Kermadec Islands region
1185	20	20-44-00.9	39.60N	40.01E	38	5.6		5.5	5.1	5.0	1.1	71	土耳其
	21	04										Turkey	
1186	20	22-03-18.5	53.73N	169.46E	33	4.8			4.6	4.7	1.8	40	科曼多尔群岛地区
	21	06											Komandorsky Islands region
1187	21	04-03-40.0	31.10S	177.69W	37					5.3	1.4	22	克马德克群岛地区
	21	12											Kermadec Islands region
1188	21	10-38-39.3	17.33S	66.50E	9				4.9	4.9	2.2	28	马斯卡林群岛地区
	21	18											Mascarene Islands region
1189	21	11-09-35.5	23.61N	121.82E	16		3.7				2.1	13	台湾岛
	21	19										Taiwan	

1190	21	13–07–33.3	15.99S	178.30E	33				4.8	0.8	30	斐济	
	21	21										Fiji	
1191	21	17–48–11.5	1.51N	99.74E	186				4.7	0.7	14	苏门答腊北部	
	22	01										Northern Sumatera	
1192	21	19–23–41.1	2.66N	126.67E	60	4.9	5.3		5.3	1.0	90	马鲁古海峡	
	22	03										Molucca Passage	
1193	21	19–30–06.7	2.55N	126.63E	80				5.4	1.1	48	马鲁古海峡	
	22	03										Molucca Passage	
1194	21	21–23–02.2	2.61N	126.58E	56			5.1	5.0	0.9	57	马鲁古海峡	
	22	05										Molucca Passage	
1195	21	21–56–49.1	17.80S	178.58W	586		5.8		5.7	0.9	79	斐济地区	
	22	05										Fiji region	
1196	22	02–02–02.6	59.92N	29.73W	9	5.3		5.0	5.0	0.9	46	北大西洋	
	22	10										North Atlantic Ocean	
1197	22	02–38–36.7	60.04N	29.86W	9			4.7	4.9	2.1	22	北大西洋	
	22	10										North Atlantic Ocean	
1198	22	02–46–34.8	59.81N	29.61W	10			4.4	4.9	1.4	32	北大西洋	
	22	10										North Atlantic Ocean	
1199	22	04–20–51.5	59.62N	29.94W	10			4.5	4.7	1.2	24	北大西洋	
	22	12										North Atlantic Ocean	
1200	22	05–59–21.0	38.33N	126.34E	15		4.1			2.7	21	南朝鲜	
	22	13										South Korea	
1201	22	08–07–33.0	60.07N	29.75W	9	5.0		4.5	4.9	1.3	40	北大西洋	
	22	16										North Atlantic Ocean	
1202	22	09–34–34.2	53.83N	161.31E	32	4.7		4.1	4.9	1.3	44	堪察加东海岸近海	
	22	17										Near east coast of Kamchatka	
1203	22	11–08–05.0	53.77N	161.45E	37	5.5	5.6	5.2	5.0	1.1	75	堪察加东海岸近海	
	22	19										Near east coast of Kamchatka	
1204	22	13–26–31.6	54.12N	160.63E	33	4.6			4.8	1.0	46	堪察加东海岸近海	
	22	21										Near east coast of Kamchatka	
1205	22	15–43–16.6	13.05S	167.08E	224				5.1	1.0	39	瓦努阿图(新赫布里底)	
	22	23										Vanuatu (New Hebrides)	
1206	22	16–18–51.8	37.46N	78.92E	10		3.9			3.2	11	克什米尔——新疆边境地区	
	23	00										Kashmir–Xinjiang border region	
1207	22	19–24–33.8	27.35N	87.86E	29	4.2	4.0		5.0	1.3	59	尼泊尔——印度边境地区	
	23	03										Nepal–India border region	
1208	22	20–24–11.6	2.27S	140.58E	30			4.5	5.1	0.4	17	西伊里安北海岸近海	
	23	04										Near north coast of West Irian	
1209	22	23–05–24.5	16.62N	112.84E	31	4.9				3.7	7	中国南海	
	23	07										South China Sea	
1210	22	23–05–25.6	20.95N	105.34E	15	4.5	4.6		4.1	2.4	24	印度支那半岛	
	23	07										Indo–Pacific Peninsula	
1211	22	23–33–41.3	37.49N	78.97E	10		3.6			2.9	6	克什米尔——新疆边境地区	
	23	07										Kashmir–Xinjiang border region	
1212	23	10–54–45.7	52.38S	160.93E	14	8.1	7.5	8.2	6.4	1.5	79	麦阔里岛地区	
	23	18										Macquarie Island region	
1213	23	11–24–16.5	51.43S	161.33E	10				5.6	1.1	16	麦阔里岛以北地区	
	23	19										North of Macquarie Island	
1214	23	13–53–59.3	9.38S	119.46E	49				4.9	1.5	26	松巴哇地区	
	23	21										Sumbawa region	
1215	23	14–09–35.1	51.99S	161.33E	15				5.5	1.0	20	麦阔里岛地区	
	23	22										Macquarie Island region	

International Seismological Centre

1216	23	16–07–54.4	52.16S	161.13E	15				5.4	1.2	21	麦阔里岛地区	
	24	00										Macquarie Island region	
1217	23	17–11–42.9	52.02S	160.92E	12	6.0		6.3	6.0	5.9	2.4	59	麦阔里岛地区
	24	01										Macquarie Island region	
1218	24	02–16–59.3	52.25S	161.11E	26	5.6		5.9	5.2	5.7	1.1	43	麦阔里岛地区
	24	10										Macquarie Island region	
1219	24	03–08–32.2	49.76N	147.73E	601					4.1	0.7	39	鄂霍次克海
	24	11										Sea of Okhotsk	
1220	24	08–05–47.0	3.70S	123.38E	22	5.2		5.8	5.0	5.6	0.8	86	苏拉威西(西里伯斯)岛
	24	16										Sulawesi (Celebes)	
1221	24	13–31–12.4	56.18N	163.90E	16	6.8		6.0	6.1	5.9	1.4	90	堪察加东海岸远海
	24	21										Off east coast of Kamchatka	
1222	24	14–56–18.9	27.04N	101.14E	16		3.1				2.5	15	云南省
	24	22										Yunnan Province	
1223	24	15–21–04.1	51.68S	161.61E	13				4.8	5.6	1.1	17	麦阔里岛地区
	24	23										Macquarie Island region	
1224	24	15–43–32.3	56.07N	164.16E	34	6.1		5.4	5.4	5.5	1.3	81	堪察加东海岸远海
	24	23										Off east coast of Kamchatka	
1225	24	16–43–31.7	85.12N	95.47E	10					4.6	1.0	33	北地群岛以北地区
	25	00										North of Severnaya Zemlya	
1226	24	17–59–05.4	55.14N	35.21W	11	5.3			5.0	4.9	1.6	16	北大西洋
	25	01										North Atlantic Ocean	
1227	25	00–47–05.9	42.25N	88.15E	22		3.8				2.0	9	新疆自治区南部
	25	08										Southern Xinjiang Province	
1228	25	00–54–51.3	52.08S	160.38E	11	5.7		6.0	5.6	5.7	1.4	44	麦阔里岛地区
	25	08										Macquarie Island region	
1229	25	01–28–42.9	43.73N	81.76E	8		3.7				3.3	6	新疆自治区北部
	25	09										Northern Xinjiang Province	
1230	25	04–43–11.4	52.18S	160.95E	17				4.8	5.5	1.1	20	麦阔里岛地区
	25	12										Macquarie Island region	
1231	25	05–56–52.8	33.24N	104.71E	24		3.6				2.3	14	四川省
	25	13										Sichuan Province	
1232	25	08–06–32.1	5.81S	148.32E	112			5.9		5.9	0.9	81	新几内亚东部地区
	25	16										Eastern New Guinea region	
1233	25	09–39–25.8	51.92S	159.85E	10	5.4		5.6	5.5	5.5	1.7	35	麦阔里岛地区
	25	17										Macquarie Island region	
1234	25	10–35–47.4	2.30N	126.61E	90					4.5	0.8	20	马鲁古海峡
	25	18										Molucca Passage	
1235	25	11–37–33.0	52.08S	160.82E	9				5.0	5.4	1.2	16	麦阔里岛地区
	25	19										Macquarie Island region	
1236	25	11–56–20.2	7.36S	128.63E	166			5.7		5.5	1.0	91	班达海
	25	19										Banda Sea	
1237	25	15–30–23.5	1.54S	79.45W	43					4.9	2.7	18	厄瓜多尔海岸近海
	25	23										Near coast of Ecuador	
1238	25	18–08–43.2	43.11N	87.35E	13		3.5				2.5	9	新疆自治区北部
	26	02										Northern Xinjiang Province	
1239	25	18–14–36.6	9.39N	126.14E	33						5.0	0.8	21 棉兰老岛
	26	02										Mindanao	
1240	25	19–16–49.4	41.99N	88.13E	34		3.6				2.3	5	新疆自治区南部
	26	03										Southern Xinjiang Province	
1241	25	19–49–15.6	15.11S	172.67W	72	5.4					5.0	0.8	38 汤加
	26	03										Tonga	

International Seismological Centre

1242	25	20–13–32.5	51.81N	172.10E	33	4.9			4.6	5.3	0.9	70	尼尔群岛
	26	04											Near Islands
1243	25	21–36–21.8	14.12N	91.47W	66	5.5				5.0	1.8	27	危地马拉海岸近海
	26	05											Near coast of Guatemala
1244	26	01–08–48.8	39.73N	75.33E	33	4.6	5.0	5.4	4.4	4.8	3.1	40	新疆自治区南部
	26	09											Southern Xinjiang Province
1245	26	07–00–05.2	52.33S	160.84E	34	5.6		5.8	5.3	5.6	2.3	22	麦阔里岛地区
	26	15											Macquarie Island region
1246	26	09–23–46.7	15.89S	172.55W	33				4.8	4.9	1.6	23	汤加
	26	17											Tonga
1247	26	11–20–56.1	1.42S	119.82E	33				4.0	4.7	2.2	32	苏拉威西(西里伯斯)岛
	26	19											Sulawesi (Celebes)
1248	26	11–45–29.1	18.58N	145.72E	198					4.8	1.5	17	马里亚纳群岛
	26	19											Marianas
1249	26	12–56–21.0	51.55S	161.57E	22				4.9	5.3	0.9	17	麦阔里岛地区
	26	20											Macquarie Island region
1250	26	19–01–17.0	43.69N	82.02E	4		3.5				3.3	9	新疆自治区北部
	27	03											Northern Xinjiang Province
1251	26	21–21–36.8	23.91N	121.84E	10		3.2				2.7	9	台湾岛
	27	05											Taiwan
1252	27	02–44–09.4	13.61N	120.93E	174					4.6	1.0	58	民都洛岛
	27	10											Mindoro
1253	27	03–01–25.8	54.18S	133.25W	10	5.7		6.1	5.7	5.5	2.3	59	南太平洋海山
	27	11											South Pacific Cordillera
1254	27	04–14–43.2	30.11N	99.52E	23	4.0	4.1		5.2	4.8	2.4	37	四川省
	27	12											Sichuan Province
1255	27	08–31–18.4	3.37S	138.96E	46	5.0			4.4	5.4	0.9	81	西伊里安
	27	16											West Irian
1256	27	11–35–34.8	40.64N	78.15E	11		3.2				3.5	9	吉尔吉斯——新疆边境地区
	27	19											Kirgiziya–Xinjiang border region
1257	27	11–39–24.9	30.14N	102.21E	8	3.9	3.9				2.1	25	四川省
	27	19											Sichuan Province
1258	27	14–27–45.5	50.17S	157.83E	3				4.9	5.5	1.0	35	麦阔里岛以北地区
	27	22											North of Macquarie Island
1259	27	16–48–23.8	17.03S	177.11W	34	4.9			5.0	4.9	1.3	19	斐济地区
	28	00											Fiji region
1260	27	20–08–36.9	30.21N	50.87E	31	6.1		6.0	5.8	5.6	0.9	89	伊朗南部
	28	04											Southern Iran
1261	27	20–36–04.6	30.23N	50.88E	27					4.6	0.8	43	伊朗南部
	28	04											Southern Iran
1262	27	20–39–56.6	29.94N	50.86E	34					4.5	1.4	20	伊朗南部
	28	04											Southern Iran
1263	27	21–31–58.7	30.22N	50.84E	39	4.5				4.5	1.3	36	伊朗南部
	28	05											Southern Iran
1264	28	02–55–18.5	25.10S	130.85E	8				5.1	5.8	0.9	81	澳北区
	28	10											Northern Territory, Australia
1265	28	04–03–22.7	9.24S	158.88E	10	5.2				5.1	1.0	54	所罗门群岛
	28	12											Solomon Islands
1266	28	05–52–23.4	35.27N	118.69E	20		4.0				2.3	22	中国东部
	28	13											Eastern China
1267	28	09–46–28.6	16.44S	173.21W	35	5.3		5.8	5.5	5.7	0.9	68	汤加
	28	17											Tonga

International Seismological Centre

1268	28	10–20–00.3	16.59S	173.15W	51				5.2	1.0	43	汤加	
	28	18										Tonga	
1269	28	15–19–06.4	6.45S	148.03E	35	5.5		5.5	5.5	5.5	1.8	83	新几内亚东部地区
	28	23										Eastern New Guinea region	
1270	28	16–28–43.1	29.93N	50.96E	58					4.7	0.8	16	伊朗南部
	29	00										Southern Iran	
1271	28	21–03–06.3	18.57S	177.70W	574					4.9	1.1	44	斐济地区
	29	05										Fiji region	
1272	28	22–52–58.5	46.11N	120.89E	26		3.4				2.4	7	中国东北部
	29	06										North–Eastern China	
1273	29	01–51–46.8	29.94N	99.26E	27	3.4	3.3				1.4	7	西藏自治区
	29	09										Tibet	
1274	29	02–12–27.1	48.95S	121.07E	12				5.2	5.2	1.0	44	437
	29	10										South of Australia	
1275	29	03–42–33.9	6.42S	147.90E	45	5.2			4.8	5.4	1.6	64	新几内亚东部地区
	29	11										Eastern New Guinea region	
1276	29	04–02–51.3	27.77N	130.68E	35	4.1			4.8	5.0	2.2	50	琉球群岛
	29	12										Ryukyu Islands	
1277	29	05–10–02.4	29.99N	99.53E	32	4.8	4.8	5.2		5.0	2.1	77	四川省
	29	13										Sichuan Province	
1278	29	05–46–40.8	30.09N	50.81E	40	4.9			4.3	5.0	1.0	74	伊朗南部
	29	13										Southern Iran	
1279	29	08–29–26.2	41.85N	142.31E	82	3.5				5.0	1.3	67	北海道地区
	29	16										Hokkaido region	
1280	29	12–24–37.8	36.75N	71.12E	272					4.2	1.5	20	兴都库什地区
	29	20										Hindu Kush region	
1281	29	12–26–05.0	24.47N	122.77E	10		3.1				2.7	6	台湾地区
	29	20										Taiwan region	
1282	29	22–07–11.8	10.08S	161.58E	95			5.5		5.6	1.1	93	所罗门群岛
	30	06										Solomon Islands	
1283	29	22–22–30.6	24.06S	70.39W	30			5.8	4.9	5.5	1.4	66	智利北部海岸近海
	30	06										Near coast of Northern Chile	
1284	30	11–28–21.2	19.87S	175.53W	217					5.0	0.7	45	斐济地区
	30	19										Fiji region	
1285	30	13–39–18.1	17.65S	172.93W	42	5.3		5.8	4.7	5.0	1.0	52	173
	30	21										Tonga	
1286	30	13–52–51.6	21.02S	174.35W	32	5.2		5.5	5.1	5.1	1.3	55	汤加
	30	21										Tonga	
1287	30	16–50–45.4	6.43S	147.99E	55				4.6	5.2	1.8	47	新几内亚东部地区
	31	00										Eastern New Guinea region	
1288	30	20–13–44.3	29.95N	99.30E	26	4.0	3.9			4.4	2.9	34	西藏自治区
	31	04										Tibet	
1289	30	23–15–49.6	40.51N	63.40E	32	4.7				4.7	1.4	31	乌兹别克
	31	07										Uzbekistan	
1290	31	05–54–21.8	45.13S	167.66E	38	6.0		6.6	6.3	5.8	1.2	74	新西兰南岛
	31	13										South Island, New Zealand	
1291	31	14–20–23.8	3.06S	142.13E	35	4.9		5.5	4.5	5.2	1.4	62	新几内亚
	31	22										New Guinea	
1292	31	17–24–49.3	22.81N	94.57E	108					4.2	1.6	17	缅甸
	1	01										Burma	
1293	31	19–10–36.0	6.46S	147.85E	43	5.1			4.8	5.2	1.3	40	新几内亚东部地区
	1	03										Eastern New Guinea region	

June 1989

1294	1	04–08–18.9	10.96S	165.54E	34	5.0		4.0	8.0	1.7	46	圣克鲁斯群岛	
	1	12										Santa Cruz Islands	
1295	1	04–39–40.4	37.00N	141.65E	61	4.0			4.9	1.7	79	228	
	1	12										Near east coast of Honshu	
1296	1	07–25–06.0	52.07S	159.61E	8			4.0	8.0	2.0	29	麦阔里岛地区	
	1	15										Macquarie Island region	
1297	1	08–48–24.7	38.95N	71.43E	33	4.1	4.8		4.6	2.2	35	阿富汗——苏联边境地区	
	1	16										Afghanistan–USSR border region	
1298	1	13–24–58.1	2.17S	123.15E	29	4.7		4.3	5.1	1.4	79	苏拉威西(西里伯斯)岛	
	1	21										Sulawesi (Celebes)	
1299	1	18–03–42.2	31.51N	109.10E	28	4.3	4.2		4.6	1.5	64	四川省	
	2	02										Sichuan Province	
1300	1	20–55–59.3	23.98S	70.32W	29				5.2	2.5	40	智利北部海岸近海	
	2	04										Near coast of Northern Chile	
1301	2	03–18–35.3	24.14N	122.42E	36	4.2	4.1	4.0	4.9	1.9	60	台湾岛	
	2	11										Taiwan	
1302	2	06–32–40.2	13.31N	123.28E	39	4.4	4.8	4.4	4.2	1.4	42	吕宋岛	
	2	14										Luzon	
1303	2	11–02–19.0	18.99S	168.88E	96				5.3	0.8	82	瓦努阿图(新赫布里底)	
	2	19										Vanuatu (New Hebrides)	
1304	2	15–57–21.4	55.02N	160.51W	66				4.8	1.0	25	阿拉斯加半岛	
	2	23										Alaska Peninsula	
1305	2	18–47–34.0	13.56N	123.20E	48	4.7		5.4	4.6	4.7	1.7	86	吕宋岛
	3	02										Luzon	
1306	2	21–01–17.8	4.60S	153.00E	71				5.4	0.9	60	192	
	3	05										New Britain region	
1307	2	21–55–46.5	9.74S	74.39W	46				5.2	2.5	30	秘鲁	
	3	05										Peru	
1308	3	00–01–19.6	42.01N	143.46E	58				4.8	1.2	42	北海道地区	
	3	08										Hokkaido region	
1309	3	00–23–42.1	31.90N	50.82E	43	4.7		3.9	4.8	1.0	57	伊朗	
	3	08										Iran	
1310	3	02–56–52.2	6.76S	156.25E	172		5.5		5.4	0.9	79	所罗门群岛	
	3	10										Solomon Islands	
1311	3	05–10–55.0	6.35S	130.35E	158				4.9	0.6	19	班达海	
	3	13										Banda Sea	
1312	3	12–37–32.1	42.18N	85.60E	14		3.4			2.9	8	新疆自治区南部	
	3	20										Southern Xinjiang Province	
1313	3	16–33–49.8	6.81S	147.77E	27			4.5	4.2	2.3	18	新几内亚东部地区	
	4	00										Eastern New Guinea region	
1314	3	23–13–09.6	33.36N	136.85E	386		5.2		4.8	1.0	98	四国东南以远地区	
	4	07										South–east of Shikoku	
1315	4	01–21–53.6	30.09N	99.44E	12	4.2	3.7		4.7	2.5	44	西藏自治区	
	4	09										Tibet	
1316	4	02–06–07.1	23.24N	121.62E	32	4.2	4.4	4.1	4.5	1.8	56	台湾地区	
	4	10										Taiwan region	
1317	4	02–46–34.5	4.69S	134.03E	35	4.7			4.4	1.5	22	204	
	4	10										Aroe Islands region	
1318	4	02–59–18.1	13.38N	123.28E	36	4.4		4.0	4.5	1.9	34	吕宋岛	
	4	10										Luzon	

1319	4	15-07-46.9	23.38N	99.44E	11	4.4	4.5			5.0	2.3	42	缅甸——中国边境地区	
	4	23											Burma-China border region	
1320	4	16-35-59.8	7.14S	129.80E	145					5.0	1.2	28	班达海	
	5	00											Banda Sea	
1321	4	18-34-28.2	36.55N	97.85E	5	3.9	4.4				2.5	12	青海省	
	5	02											Qinghai Province	
1322	4	22-43-27.9	27.51N	141.05E	46	4.5		5.0	4.4	4.7	1.7	57	小笠原群岛地区	
	5	06											Bonin Islands region	
1323	4	23-41-51.1	33.77N	112.28E	13		3.3				2.3	15	中国东部	
	5	07											Eastern China	
1324	5	01-31-58.0	30.01N	99.34E	7	3.6	3.7			4.5	3.2	29	西藏自治区	
	5	09											Tibet	
1325	5	15-22-01.1	27.96N	99.80E	16		3.2				2.3	7	云南省	
	5	23											Yunnan Province	
1326	5	20-00-41.7	5.93S	105.50E	103					4.8	2.1	31	巽他海峡	
	6	04											Sunda Strait	
1327	5	21-28-15.3	32.31N	101.86E	6		3.4				3.0	9	四川省	
	6	05											Sichuan Province	
1328	6	07-24-56.4	18.61N	146.55E	64	4.5				5.4	1.8	77	马里亚纳群岛	
	6	15											Marianas	
1329	7	04-54-27.8	32.09N	114.17E	16		3.1				0.7	6	中国东部	
	7	12											Eastern China	
1330	7	12-19-47.8	14.14N	51.78E	10				4.5	4.7	1.6	32	亚丁湾东部	
	7	20											Eastern Gulf of Aden	
1331	7	15-17-47.8	6.60S	147.78E	37				4.5	5.0	1.7	32	新几内亚东部地区	
	7	23											Eastern New Guinea region	
1332	7	17-40-07.0	8.17S	78.74W	44					5.0	2.8	21	秘鲁北部海岸近海	
	8	01											Near coast of Northern Peru	
1333	7	18-30-05.2	21.87N	121.47E	65		3.7			3.9	1.4	25	台湾地区	
	8	02											Taiwan region	
1334	7	19-45-52.7	38.14N	21.69E	25	5.0			4.8	5.0	1.8	55	希腊南部	
	8	03											Southern Greece	
1335	7	21-46-27.7	38.48N	98.51E	1		3.2				2.6	6	青海省	
	8	05											Qinghai Province	
1336	7	21-47-34.6	5.66N	125.78E	172			5.2		5.1	1.0	74	棉兰老岛	
	8	05											Mindanao	
1337	7	23-51-22.1	34.31N	91.82E	9	4.7		5.2		3.5	2.1	43	青海省	
	8	07											Qinghai Province	
1338	8	01-41-50.8	30.04N	99.51E	14	3.7	3.5			5.3	2.2	34	四川省	
	8	09											Sichuan Province	
1339	8	02-48-27.5	53.90N	162.16E	30					5.0	1.5	27	堪察加东海岸远海	
	8	10											Off east coast of Kamchatka	
1340	8	06-24-08.5	6.80N	37.90E	18				4.8	5.0	1.1	32	埃塞俄比亚	
	8	14											Ethiopia	
1341	8	09-51-56.6	19.52S	173.73W	22	5.6		6.0	5.4	5.5	1.1	69	汤加	
	8	17											Tonga	
1342	8	13-46-27.7	23.50N	121.48E	26	5.1	4.7		4.0	5.0	2.0	92	台湾岛	
	8	21											Taiwan	
1343	9	00-24-39.0	36.42N	70.29E	216			5.0		4.5	1.4	31	兴都库什地区	
	9	08											Hindu Kush region	
1344	9	07-14-28.7	5.01S	151.40E	161					5.1	1.0	75	新不列颠地区	
	9	15											New Britain region	

International Seismological Centre

1345	9	08-14-14.8	71.44N	4.20W	12				3.3	4.9	1.1	24	扬马延岛地区
	9	16											Jan Mayen Island region
1346	9	09-53-42.5	10.35N	92.70E	35					4.8	1.2	28	尼科巴群岛地区
	9	17											Nicobar Islands region
1347	9	12-19-34.2	71.49N	4.42W	10	5.6		5.8	5.4	5.6	1.4	89	扬马延岛地区
	9	20											Jan Mayen Island region
1348	9	14-32-11.2	35.55N	105.56E	12		3.3				4.7	6	甘肃省
	9	22											Gansu Province
1349	9	14-46-04.9	29.34N	102.38E	9	5.0	4.7	5.1	4.4	5.1	2.0	96	四川省
	9	22											Sichuan Province
1350	9	15-34-11.6	7.91S	117.52E	244			5.7		5.8	1.3	100	松巴哇地区
	9	23											Sumbawa region
1351	9	16-52-11.3	20.40N	145.33E	151					5.4	1.5	82	马里亚纳群岛
	10	00											Marianas
1352	9	18-04-03.9	39.81N	74.46E	23	4.9	5.3	5.6			1.6	64	塔吉克——新疆边境地区
	10	02											Tadzhikistan-Xinjiang border region
1353	9	21-11-20.2	25.26N	102.01E	10	4.6	4.1			4.5	2.5	58	云南省
	10	05											Yunnan Province
1354	10	10-41-43.3	25.19N	101.84E	4		3.1				4.7	5	云南省
	10	18											Yunnan Province
1355	10	17-29-59.1	22.18S	138.76W	5					5.5	1.3	35	土阿莫土群岛地区
	11	01											Tuamotu Archipelago region
1356	11	04-44-51.7	36.59N	71.27E	224					4.1	1.7	28	兴都库什地区
	11	12											Hindu Kush region
1357	11	11-33-04.1	11.28N	126.21E	33					4.8	1.8	23	莱特岛
	11	19											Leyte
1358	11	12-21-48.2	52.00S	159.05E	9				5.1	5.2	2.3	12	麦阔里岛地区
	11	20											Macquarie Island region
1359	11	13-24-31.5	35.18N	34.91W	8	5.9		5.6	5.5	5.8	1.4	44	北大西洋海岭
	11	21											North Atlantic Ridge
1360	11	13-42-44.0	26.31N	90.78E	32	5.0			4.3	4.6	2.0	37	印度——孟加拉边境地区
	11	21											India-Bangladesh border region
1361	11	20-03-50.4	35.17N	141.01E	89					3.9	3.0	16	本州东海岸近海
	12	04											Near east coast of Honshu
1362	11	23-24-38.5	6.42S	147.99E	55	4.8			4.8	5.1	1.4	65	新几内亚东部地区
	12	07											Eastern New Guinea region
1363	12	00-04-09.3	21.87N	89.80E	4	5.3		6.1	5.1	6.1	1.2	117	孟加拉
	12	08											Bangladesh
1364	12	05-47-35.2	15.26S	167.79E	254			5.3		5.4	1.0	56	瓦努阿图(新赫布里底)
	12	13											Vanuatu (New Hebrides)
1365	12	13-11-51.2	30.01S	178.70W	92					5.6	1.0	48	克马德克群岛地区
	12	21											Kermadec Islands region
1366	12	18-21-02.7	22.60S	175.79W	71					5.5	1.3	46	斐济以南地区
	13	02											South of Fiji
1367	12	18-34-54.7	33.38N	139.34E	180					4.0	2.0	25	本州以南地区
	13	02											South of Honshu
1368	12	20-45-22.4	5.61S	130.99E	70					4.6	2.1	16	班达海
	13	04											Banda Sea
1369	13	07-21-00.4	31.52N	109.15E	14	3.8	3.7				2.1	26	四川省
	13	15											Sichuan Province
1370	13	08-52-42.3	30.97N	138.32E	390			4.8		5.1	0.9	96	本州以南地区
	13	16											South of Honshu

International Seismological Centre

1371	13	17-07-06.6	37.01N	96.66E	7		3.3				3.9	7	青海省
	14	01											Qinghai Province
1372	13	17-49-40.0	3.63S	140.20E	70	4.8		5.7		5.4	1.1	92	西伊里安
	14	01											West Irian
1373	14	00-17-07.7	36.74N	140.83E	73					4.9	1.7	30	本州东海岸近海
	14	08											Near east coast of Honshu
1374	14	00-28-59.0	51.60N	174.35W	31	4.8			4.5	5.2	1.1	66	安德烈亚诺夫群岛
	14	08											Andreanof Islands
1375	14	00-35-56.7	51.72N	174.34W	29	5.1			4.9	5.3	1.0	69	安德烈亚诺夫群岛
	14	08											Andreanof Islands
1376	14	04-39-59.0	51.57N	174.26W	32				4.3	4.9	1.4	33	安德烈亚诺夫群岛
	14	12											Andreanof Islands
1377	14	05-05-53.3	51.59N	174.36W	34					4.9	1.3	38	安德烈亚诺夫群岛
	14	13											Andreanof Islands
1378	14	10-17-34.2	12.88N	143.45E	121			5.9		5.5	0.9	102	马里亚纳群岛以南地区
	14	18											South of the Marianas
1379	14	18-06-36.6	34.20N	26.03E	13	5.0		5.4	5.1	5.2	1.1	85	地中海东部
	15	02											Eastern Mediterrancan Sea
1380	14	21-44-34.3	40.27N	144.51E	27	4.7		5.7	4.6	5.3	1.1	88	本州东海岸远海
	15	05											Off east coast of Honshu
1381	14	22-37-10.1	14.10S	65.98E	11				4.9	5.1	0.9	60	中印度洋海丘
	15	06											Mid-Indian Rise
1382	15	03-00-10.0	21.89S	174.17W	36				4.0	4.9	1.2	17	汤加地区
	15	11											Tonga region
1383	15	12-11-53.4	51.65N	174.23W	33				4.4	4.9	0.7	34	安德烈亚诺夫群岛
	15	20											Andreanof Islands
1384	15	15-51-59.0	6.80N	72.99W	161					5.1	2.1	65	哥伦比亚北部
	15	23											Northern Colombia
1385	15	21-15-26.9	34.83N	101.52E	18	4.4	4.6		4.3	4.7	2.4	65	青海省
	16	05											Qinghai Province
1386	16	01-31-48.0	33.66N	122.12E	30		3.4				3.5	11	黄海
	16	09											Yellow Sea
1387	16	02-12-52.9	10.36S	119.55E	32					5.1	1.2	54	松巴地区
	16	10											Sumba region
1388	16	04-19-43.5	52.46N	159.54E	32				4.2	4.9	0.9	44	堪察加东海岸远海
	16	12											Off east coast of Kamchatka
1389	16	07-18-35.2	13.35N	145.26E	72	4.9		5.5		5.5	1.0	99	马里亚纳群岛以南地区
	16	15											South of the Marianas
1390	16	09-25-27.3	44.92N	94.08E	26		3.5				3.5	7	新疆自治区北部
	16	17											Northern Xinjiang Province
1391	16	10-51-18.3	57.89N	154.37W	58	5.5		6.0		5.8	0.8	101	科迪亚克岛地区
	16	18											Kodiak Island region
1392	16	20-12-27.6	20.64N	102.50E	10	6.1		5.5	5.5	5.1	1.5	96	印度支那半岛
	17	04											Indo-Pacific Peninsula
1393	16	22-39-18.9	47.53S	99.99E	9	5.7				5.3	1.3	38	东南印度洋海岭
	17	06											South-East Indian Ridge
1394	16	22-51-07.5	47.67S	100.06E	8	5.8		5.7	5.4	5.4	1.8	41	东南印度洋海岭
	17	06											South-East Indian Ridge
1395	16	23-42-34.4	31.83N	138.04E	359			6.3		5.9	0.8	116	本州以南地区
	17	07											South of Honshu
1396	17	00-13-23.8	2.75S	143.76E	32				4.7	5.3	1.5	44	新几内亚北海岸近海
	17	08											Near north coast of New Guinea

1397	17	01-04-15.1	51.64N	174.18W	22	4.9		4.8	1.2	25	安德烈亚诺夫群岛	
	17	09									Andreanof Islands	
1398	17	04-00-49.4	2.99S	147.36E	35	5.1	4.9	4.8	1.9	41	俾斯麦海	
	17	12									Bismarck Sea	
1399	17	07-47-02.1	2.99S	147.54E	33		4.5	4.7	1.6	38	俾斯麦海	
	17	15									Bismarck Sea	
1400	17	08-31-02.7	10.53S	109.09E	28	4.9	4.5	5.0	1.3	48	爪哇以南地区	
	17	16									South of Java	
1401	17	14-39-16.2	12.31N	143.81E	11		3.9	5.0	1.5	34	马里亚纳群岛以南地区	
	17	22									South of the Marianas	
1402	17	14-57-48.4	31.45S	67.40W	29		4.5	5.3	1.6	32	阿根廷圣胡安省	
	17	22									San Juan Province, Argentina	
1403	17	16-52-54.4	29.95N	59.70E	32	5.0	5.2	4.6	4.8	1.2	45	伊朗南部
	18	00									Southern Iran	
1404	17	18-28-08.3	40.51S	74.83W	39	5.5	5.7	5.0	5.6	1.4	54	智利南部海岸远海
	18	02									Off coast of Southern Chile	
1405	18	01-58-30.2	2.52N	126.59E	33				5.0	1.2	50	马鲁古海峡
	18	09									Molucca Passage	
1406	18	06-50-58.2	39.62N	118.55E	9	3.7	4.2			1.9	36	中国东北部
	18	14									North-Eastern China	
1407	18	12-44-40.2	20.84S	178.56W	581				5.0	0.8	24	斐济地区
	18	20									Fiji region	
1408	18	14-06-28.6	17.84N	68.86W	65				5.9	1.3	68	多米尼加共和国地区
	18	22									Dominican Republic region	
1409	18	15-49-14.0	12.39S	121.66E	34		4.2	5.1	1.3	79	帝汶以南地区	
	18	23									South of Timor	
1410	18	16-48-04.2	2.36S	138.83E	34		3.9	4.8	1.1	45	西伊里安	
	19	00									West Irian	
1411	18	17-00-04.6	5.19N	125.78E	33				4.8	1.6	29	塔劳群岛
	19	01									Talaud Islands	
1412	18	17-45-09.4	39.72N	118.12E	15	3.1				2.5	10	中国东北部
	19	01									North-Eastern China	
1413	18	19-28-28.3	2.54S	139.95E	35		3.8	4.5	1.7	22	西伊里安	
	19	03									West Irian	
1414	19	02-10-18.2	2.46N	126.60E	101				4.7	1.2	35	马鲁古海峡
	19	10									Molucca Passage	
1415	19	06-21-40.6	42.30N	82.47E	15	3.8				3.9	8	新疆自治区南部
	19	14									Southern Xinjiang Province	
1416	19	11-29-01.6	40.18N	113.01E	10	3.5				2.0	18	中国东北部
	19	19									North-Eastern China	
1417	19	12-33-41.6	32.57N	121.66E	16	3.1				2.1	6	中国东部
	19	20									Eastern China	
1418	19	13-00-40.7	13.10S	167.04E	236				5.0	1.2	38	瓦努阿图(新赫布里底)
	19	21									Vanuatu (New Hebrides)	
1419	19	16-00-47.9	22.12S	67.60W	187				5.5	2.0	62	智利北部
	20	00									Northern Chile	
1420	19	20-16-10.8	55.52S	28.19W	35		5.1	5.6	2.7	36	南桑德韦奇群岛地区	
	20	04									South Sandwich Islands region	
1421	20	05-35-49.8	25.56N	119.30E	16	3.6			2.7	7	中国东南沿海	
	20	13									Near south-eastern coast of China	
1422	20	05-41-43.9	52.57N	174.06E	57	4.6	4.3	5.2	0.9	81	尼尔群岛	
	20	13									Near Islands	

International Seismological Centre

1423	20	06–18–33.2	35.71N	97.71E	5		3.5				2.9	9	青海省
	20	14											Qinghai Province
1424	20	06–19–46.3	3.58N	124.39E	311					5.0	1.7	49	西里伯斯海
	20	14											Celebes Sea
1425	20	06–28–16.3	38.39N	126.01E	31		4.0				1.6	16	南朝鲜
	20	14											South Korea
1426	20	18–07–44.4	52.81N	172.40E	41	4.9		5.6	4.6	5.2	1.1	82	5
	21	02											Near Islands
1427	20	19–53–50.9	31.32N	104.28E	3		3.1				2.8	9	四川省
	21	03											Sichuan Province
1428	20	21–49–48.8	36.37N	70.64E	145					4.5	1.7	18	兴都库什地区
	21	05											Hindu Kush region
1429	20	23–40–38.5	3.80S	87.11E	8	4.9			4.6	5.2	1.2	72	南印度洋
	21	07											South Indian Ocean
1430	21	00–07–07.2	1.46N	126.38E	46				5.0	5.0	1.2	63	马鲁古海峡
	21	08											Molucca Passage
1431	21	00–43–48.4	9.97S	116.24E	62					4.9	2.1	31	巴厘以南地区
	21	08											South of Bali
1432	21	14–21–56.0	[illegible].60N	90.84E	5		4.2				2.9	12	新疆自治区南部
	21	22											Southern Xinjiang Province
1433	21	15–13–32.5	40.85N	79.80E	22		3.7				2.6	9	新疆自治区南部
	21	23											Southern Xinjiang Province
1434	21	20–42–24.3	21.99S	170.05E	33				4.7	5.0	1.8	34	洛亚尔提群岛地区
	22	04											Loyalty Islands region
1435	21	22–13–19.5	4.70S	102.92E	89						1.0	31	苏门答腊南部
	22	06											Southern Sumatera
1436	21	22–43–32.8	6.98S	122.42E	32	4.6			4.2	4.6	2.0	39	佛罗勒斯海
	22	06											Flores Sea
1437	21	23–51–01.6	21.68S	176.42W	185			5.7		5.6	1.0	76	171
	22	07											South of Fiji
1438	22	03–08–13.2	37.73N	141.22E	47					4.6	1.3	41	本州岛
	22	11											Honshu
1439	22	11–06–05.8	28.26N	130.72E	34	5.0		5.4		5.3	1.9	87	琉球群岛
	22	19											Ryukyu Islands
1440	22	14–10–41.8	38.84N	100.22E	36		3.5				3.5	5	青海省
	22	22											Qinghai Province
1441	22	15–08–46.0	6.69S	81.57W	30					4.9	1.6	36	秘鲁北部海岸远海
	22	23											Off coast of Northern Peru
1442	22	17–17–35.5	40.38N	77.63E	18		3.4				2.7	5	新疆自治区南部
	23	01											Southern Xinjiang Province
1443	22	19–39–32.9	23.12N	106.03E	15		3.4				2.7	5	印度支那半岛
	23	03											Indo–Pacific Peninsula
1444	22	21–14–59.1	37.33N	116.41W	5				4.8	5.3	1.1	49	加利福尼亚州——内华达州边境地区
	23	05											California–Nevada border region
1445	23	00–35–41.3	17.15S	172.56W	34			5.6	5.0	4.9	1.1	47	汤加
	23	08											Tonga
1446	23	12–00–52.5	22.44N	143.15E	171			5.4		5.3	1.0	103	马里亚纳群岛地区
	23	20											Marianas region
1447	23	16–37–56.6	57.86S	25.22W	34					5.3	3.0	31	南桑德韦奇群岛地区
	24	00											South Sandwich Islands region
1448	24	03–09–56.5	36.70N	35.91E	39	4.9			4.2	4.9	1.1	80	366
	24	11											Turkey

1449	24	07–13–26.8	3.81N	126.37E	114				4.1	1.1	24	塔劳群岛	
	24	15										Talaud Islands	
1450	24	12–58–39.0	28.32S	66.31W	21			5.2	5.4	1.7	60	阿根廷卡塔马卡省	
	24	20										Catamarca Province, Argentina	
1451	24	14–03–55.5	5.66N	125.04E	63	4.5	5.0		4.9	1.2	71	棉兰老岛	
	24	22										Mindanao	
1452	24	15–01–26.1	37.10N	28.02E	32				4.3	0.9	23	多德卡尼斯群岛	
	24	23										Dodecanese Islands	
1453	24	15–02–07.4	1.95N	79.13W	26			4.6	5.3	2.1	44	厄瓜多尔海岸近海	
	24	23										Near coast of Ecuador	
1454	24	15–12–32.6	26.64N	142.58E	36			3.9	4.7	1.8	31	小笠原群岛地区	
	24	23										Bonin Islands region	
1455	25	00–36–22.8	52.17N	170.54W	17				4.7	1.1	39	福克斯群岛	
	25	08										Fox Islands	
1456	25	01–52–23.0	36.91N	142.07E	49	4.3			4.8	2.1	58	本州东海岸近海	
	25	09										Near east coast of Honshu	
1457	25	06–22–37.5	12.53N	143.48E	19	4.3		4.5	5.0	1.0	53	马里亚纳群岛以南地区	
	25	14										South of the Marianas	
1458	25	06–35–53.5	18.70S	178.19W	484				4.8	1.4	29	斐济地区	
	25	14										Fiji region	
1459	25	07–37–59.7	41.58N	79.49E	36		3.5			2.7	8	吉尔吉斯——新疆边境地区	
	25	15										Kirgiziya–Xinjiang border region	
1460	25	09–10–45.2	46.88N	153.23E	22				4.9	1.4	45	千岛群岛	
	25	17										Kurile Islands	
1461	25	09–17–38.6	30.95N	100.99E	11		3.5			2.7	10	四川省	
	25	17										Sichuan Province	
1462	25	12–30–05.4	6.11S	149.08E	74	4.9			5.2	1.6	62	新不列颠地区	
	25	20										New Britain region	
1463	25	20–37–31.6	1.13N	79.75W	19	6.4		6.1	6.1	5.9	2.4	94	厄瓜多尔海岸近海
	26	04											Near coast of Ecuador
1464	26	03–27–06.0	19.85N	155.24W	6	6.2		6.4	6.1	5.8	1.2	93	夏威夷群岛
	26	11											Hawaiian Islands
1465	26	05–01–43.0	40.67N	77.10E	1		3.9				4.4	6	吉尔吉斯——新疆边境地区
	26	13											Kirgiziya–Xinjiang border region
1466	26	10–38–38.9	39.19N	28.33W	12	6.2		6.0	5.7	5.7	1.4	65	亚速尔群岛
	26	18											Azores
1467	26	14–59–41.1	35.80N	70.50E	116						2.4	52	兴都库什地区
	26	22											Hindu Kush region
1468	26	21–40–30.5	39.09N	75.17E	23	4.3	4.5			4.2	2.2	41	塔吉克——新疆边境地区
	27	05											Tadzhikistan–Xinjiang border region
1469	27	07–10–20.3	51.78N	174.42W	21	5.3		5.6	5.0	5.2	1.2	83	安德烈亚诺夫群岛
	27	15											Andreanof Islands
1470	27	07–16–46.6	51.48N	174.24W	47				4.6	4.8	1.8	27	安德烈亚诺夫群岛
	27	15											Andreanof Islands
1471	27	08–32–47.7	41.50N	78.98E	3		3.3				3.6	7	吉尔吉斯——新疆边境地区
	27	16											Kirgiziya–Xinjiang border region
1472	27	10–38–36.7	57.04N	116.89E	19	4.4					2.4	18	贝加尔湖以东地区
	27	18											East of Lake Baykal
1473	27	10–59–32.9	51.51N	174.34W	33			5.5	4.3	4.9	1.0	44	安德烈亚诺夫群岛
	27	18											Andreanof Islands
1474	27	15–47–11.4	44.77N	119.24E	7		3.2				2.9	11	中国东北部
	27	23											North–Eastern China

International Seismological Centre

1475	27 28	17–43–07.5 01	63.67S	155.78W	13	5.5		5.5	5.4	2.0	19	南太平洋海山 South Pacific Cordillera	
1476	28 28	00–14–55.2 08	45.36N	151.31E	47	4.3		4.0	4.8	1.5	37	千岛群岛地区 Kurile Islands region	
1477	28 28	01–41–13.0 09	25.72N	140.97E	199				4.7	1.5	21	硫黄列岛地区 Volcano Islands region	
1478	28 28	02–04–19.0 10	11.47N	126.19E	33	4.1	4.6		5.0	1.1	21	莱特岛 Leyte	
1479	28 28	03–00–28.0 11	45.45N	151.14E	33	5.3	5.5	5.1	5.6	1.3	97	千岛群岛地区 Kurile Islands region	
1480	28 28	12–08–32.2 20	23.89N	94.32E	74	4.8	5.3		5.0	1.6	101	缅甸——印度边境地区 Burma–India border region	
1481	28 28	12–36–29.1 20	23.19N	91.49E	46					3.3	20	孟加拉 Bangladesh	
1482	28 29	16–50–03.8 00	1.74N	126.11E	115				4.5	1.3	11	马鲁古海峡 Molucca Passage	
1483	28 29	21–24–11.2 05	57.58S	146.94W	18	5.8	6.0	5.7	5.5	2.3	39	南太平洋海山 South Pacific Cordillera	
1484	28 29	22–11–57.5 06	6.12S	148.90E	50	5.3			5.4	1.4	69	新不列颠地区 New Britain region	
1485	28 29	23–44–50.6 07	7.63S	127.35E	172		5.6		5.3	1.1	94	帝汶岛 Timor	
1486	29 29	00–18–39.4 08	22.89S	175.17W	35	5.2	6.0	5.1	5.2	0.9	51	汤加地区 Tonga region	
1487	29 29	03–57–32.8 11	6.18S	154.83E	85				5.3	1.0	69	所罗门群岛 Solomon Islands	
1488	29 29	05–25–50.5 13	4.58S	102.01E	42	5.5	5.4	5.0	5.3	0.9	90	苏门答腊西南以远地区 South–west of Sumatera	
1489	29 29	10–55–39.5 18	0.35S	124.37E	82				4.7	1.7	38	米那哈沙半岛(西里伯斯) Minahassa Peninsula (Celebes)	
1490	29 30	17–33–51.3 01	51.53N	16.18E	16				4.7	1.4	21	波兰 Poland	
1491	29 30	19–45–38.0 03	25.19N	124.43E	127				4.2	1.4	45	琉球群岛西南部 South–western Ryukyu Islands	
1492	29 30	21–33–24.9 05	36.29N	80.84E	32		3.8			4.6	6	克什米尔——西藏边境地区 Kashmir–Tibet border region	
1493	30 30	01–16–07.8 09	18.85S	175.74W	276				5.0	0.8	18	斐济地区 Fiji region	
1494	30 30	01–34–30.9 09	6.80S	130.49E	104				5.1	1.1	68	班达海 Banda Sea	
1495	30 30	03–35–37.6 11	42.11N	129.72E	28		3.0			1.2	7	北朝鲜 North Korea	
1496	30 30	07–00–55.5 15	48.69S	113.12W	4			5.0	4.9	2.3	16	复活节岛海山 Easter Island Cordillera	
1497	30 1	16–24–02.7 00	35.48N	139.15E	47	4.0			4.6	2.1	28	本州南海岸近海 Near south coast of Honshu	
1498	30 1	19–04–08.8 03	28.04N	55.33E	53				4.4	0.9	23	伊朗南部 Southern Iran	
	July 1989												
1499	1 1	03–59–14.7 11	6.39S	147.88E	50	5.1	5.4	5.0	5.3	1.5	58	新几内亚东部地区 Eastern New Guinea region	

International Seismological Centre

1500	1	05–45–42.2	28.70N	142.38E	33	4.4		4.3	5.0	0.9	74	小笠原群岛地区		
	1	13										Bonin Islands region		
1501	1	14–10–17.8	0.95N	126.73E	34				4.8	1.3	18	马鲁古海峡		
	1	22										Molucca Passage		
1502	1	15–35–37.8	36.47N	141.41E	57	4.2		4.1	4.7	1.9	46	本州东海岸近海		
	1	23										Near east coast of Honshu		
1503	1	18–27–11.8	39.16N	71.56E	33	4.3	5.0	3.8	4.9	2.0	44	阿富汗——苏联边境地区		
	2	02										Afghanistan–USSR border region		
1504	2	05–28–28.8	13.47S	167.02E	48			5.2	4.5	1.5	16	瓦努阿图(新赫布里底)		
	2	13										Vanuatu (New Hebrides)		
1505	2	06–41–12.4	53.40N	107.83E	35	4.2	4.5		4.3	2.7	26	贝加尔湖地区		
	2	14										Lake Baykal region		
1506	2	07–55–14.0	24.48N	95.73E	18	4.0	3.9		4.9	1.8	29	缅甸		
	2	15										Burma		
1507	2	08–49–05.4	18.78N	145.29E	616				4.5	1.3	21	马里亚纳群岛		
	2	16										Marianas		
1508	2	18–26–31.2	39.12N	106.80E	9		3.2			1.8	9	中国北部		
	3	02										Northern China		
1509	2	23–01–07.8	23.60N	100.58E	9	4.0	4.1			2.1	12	云南省		
	3	07										Yunnan Province		
1510	3	15–12–38.9	45.49N	151.09E	58	4.2			4.9	1.5	57	千岛群岛地区		
	3	23										Kurile Islands region		
1511	3	16–06–39.9	23.93N	122.87E	13	4.1	4.0		4.2	2.5	47	台湾地区		
	4	00										Taiwan region		
1512	3	17–09–58.0	51.72N	175.23W	62	5.8		6.0	5.7	5.7	0.9	90	安德烈亚诺夫群岛	
	4	01											Andreanof Islands	
1513	3	19–04–37.3	2.94S	129.66E	34			4.0	4.9	1.5	22	斯兰岛		
	4	03										Seram		
1514	4	02–28–26.0	52.66N	174.00E	35			4.2	4.7	0.9	47	尼尔群岛		
	4	10										Near Islands		
1515	4	06–19–25.6	31.35N	140.45E	38				4.2	1.4	12	本州以南地区		
	4	14										South of Honshu		
1516	4	10–14–05.6	24.02N	122.59E	31	4.3	4.3	4.3	5.0	1.5	68	台湾地区		
	4	18										Taiwan region		
1517	4	13–02–52.1	17.60S	178.82W	550				4.8	0.7	36	斐济地区		
	4	21										Fiji region		
1518	4	13–18–44.0	34.84N	139.62E	39	4.7		4.3	4.7	2.4	47	本州南海岸近海		
	4	21										Near south coast of Honshu		
1519	4	13–58–51.1	47.43N	85.28E	29		3.6			2.4	6	哈萨克——新疆边境地区		
	4	21										Kazakhstan–Xinjiang border region		
1520	4	16–57–45.9	30.13S	176.95W	38				4.7	1.4	11	克马德克群岛		
	5	00										Kermadec Islands		
1521	4	17–28–22.4	35.00N	139.32E	36	4.5		4.2	4.6	1.6	55	本州南海岸近海		
	5	01										Near south coast of Honshu		
1522	4	19–42–37.7	5.95N	125.73E	49	4.5	5.0		4.9	1.3	80	棉兰老岛		
	5	03										Mindanao		
1523	5	13–28–40.7	23.98N	122.62E	27	4.2	3.9		4.8	1.7	55	台湾地区		
	5	21										Taiwan region		
1524	5	16–16–27.7	3.99N	126.63E	61	4.3	5.1		4.9	1.1	82	塔劳群岛		
	6	00										Talaud Islands		
1525	5	20–30–05.9	34.90N	139.30E	6	4.2			3.7	2.4	17	本州南海岸近海		
	6	04										Near south coast of Honshu		

International Seismological Centre

1526	5	22–55–48.2	48.87N	154.74E	59				4.8	1.4	50	千岛群岛
	6	06										Kurile Islands
1527	6	15–01–40.6	34.90N	139.51E	15	5.0		5.5	4.3	4.9	2.0	67 本州南海岸近海
	6	23										Near south coast of Honshu
1528	6	17–25–29.0	16.64S	177.31W	22	5.5		5.7	5.5	5.3	1.6	61 斐济地区
	7	01										Fiji region
1529	6	20–06–14.3	16.35S	176.19W	385					4.5	0.8	13 斐济地区
	7	04										Fiji region
1530	6	20–22–52.6	8.03N	126.74E	59	4.6		5.4	4.5	5.3	1.1	79 棉兰老岛
	7	04										Mindanao
1531	7	04–39–36.6	34.81N	139.38E	29	4.5				4.8	2.1	28 本州南海岸近海
	7	12										Near south coast of Honshu
1532	7	12–27–51.3	36.25S	99.06W	7	5.6			5.0	5.2	2.8	45 太平洋南部
	7	20										Southern Pacific Ocean
1533	7	16–13–36.8	41.84N	120.62E	19		3.0				2.6	10 中国东北部
	8	00										North–Eastern China
1534	7	19–14–57.9	8.04S	127.62E	32					4.7	1.3	37 帝汶岛
	8	03										Timor
1535	7	19–41–18.1	4.83S	128.96E	33	5.0		5.7	4.8	5.5	1.0	84 班达海
	8	03										Banda Sea
1536	7	20–40–04.9	25.10N	109.31E	10		3.6				2.3	17 中国东部
	8	04										Eastern China
1537	7	21–45–37.2	3.43S	135.61E	34				4.1	5.0	1.9	31 西伊里安地区
	8	05										West Irian region
1538	7	22–37–05.8	3.30S	146.81E	33				4.2	4.6	1.8	28 俾斯麦海
	8	06										Bismarck Sea
1539	7	23–29–36.5	13.53S	166.68E	94					5.1	0.9	56 瓦努阿图(新赫布里底)
	8	07										Vanuatu (New Hebrides)
1540	8	00–48–10.0	17.61S	172.90W	47	5.4		5.5	5.0	5.1	0.7	59 汤加
	8	08										Tonga
1541	8	03–46–58.1	49.86N	78.76E	9	4.7	5.7		4.1	5.6	1.1	88 哈萨克东部
	8	11										Eastern Kazakhstan
1542	8	07–43–34.7	1.29N	126.43E	92					4.4	1.8	24 马鲁古海峡
	8	15										Molucca Passage
1543	8	09–31–56.1	52.98N	159.76E	32	4.6			4.2	5.5	1.0	68 堪察加东海岸远海
	8	17										Off east coast of Kamchatka
1544	8	10–33–07.4	1.16N	121.56E	39	5.3		5.7	5.1	5.5	0.9	90 米那哈沙半岛(西里伯斯)
	8	18										Minahassa Peninsula (Celebes)
1545	8	10–56–53.8	52.83N	164.14W	33	5.0			5.0	5.1	0.8	60 阿拉斯加以南地区
	8	18										South of Alaska
1546	8	14–44–05.4	9.02N	138.02E	32					4.9	1.3	30 加罗林群岛西部
	8	22										Western Caroline Islands
1547	8	20–03–54.7	55.20N	165.41E	58	4.8				4.8	0.9	51 科曼多尔群岛地区
	9	04										Komandorsky Islands region
1548	9	02–09–08.9	34.98N	139.44E	15	5.5		5.5	5.0	5.1	1.8	83 本州南海岸近海
	9	10										Near south coast of Honshu
1549	9	03–22–26.1	34.98N	139.24E	4	4.3				4.2	1.8	17 本州南海岸近海
	9	11										Near south coast of Honshu
1550	9	09–46–39.9	1.87S	15.61W	4	5.7			5.4	5.4	1.9	19 阿森松岛以北地区
	9	17										North of Ascension Island
1551	9	10–46–03.7	44.85N	81.29E	5		3.6				3.6	8 哈萨克——新疆边境地区
	9	18										Kazakhstan–Xinjiang border region

International Seismological Centre

1552	9	15-31-42.1	23.51N	122.69E	49		3.4				1.1	10	台湾地区 Taiwan region
	9	23											
1553	9	17-27-53.7	0.30S	123.18E	121				4.4		1.1	25	米那哈沙半岛(西里伯斯) Minahassa Peninsula (Celebes)
	10	01											
1554	9	17-46-26.5	57.16S	23.93W	31			4.7	5.2		2.1	20	南桑德韦奇群岛地区 South Sandwich Islands region
	10	01											
1555	9	20-07-44.4	57.07N	122.60E	27	4.7	4.8		4.9		1.9	33	俄罗斯东部 Eastern Russia
	10	04											
1556	9	20-43-22.0	34.80N	139.26E	8	4.4		4.1	4.5		2.4	24	本州南海岸近海 Near south coast of Honshu
	10	04											
1557	10	04-58-15.6	6.05S	103.29E	33				4.1		1.3	25	苏门答腊西南以远地区 South-west of Sumatera
	10	12											
1558	10	06-00-55.6	5.10S	153.53E	83				4.7		0.8	21	新爱尔兰地区 New Ireland region
	10	14											
1559	10	14-46-54.2	23.59N	94.30E	68	4.3	4.3		4.5		1.9	57	缅甸——印度边境地区 Burma-India border region
	10	22											
1560	10	18-22-29.1	39.12N	75.18E	27	4.4	4.5	4.3	4.5		2.1	26	塔吉克——新疆边境地区 Tadzhikistan-Xinjiang border region
	11	02											
1561	10	22-55-35.4	19.36N	121.10E	32	4.4	3.8	4.4	4.4		1.8	63	吕宋岛 Luzon
	11	06											
1562	10	23-59-11.7	46.28N	151.20E	47	4.8		5.5	5.5		0.9	86	千岛群岛 Kurile Islands
	11	07											
1563	11	00-23-51.5	0.88S	67.12E	12				4.0		1.8	10	南印度洋 South Indian Ocean
	11	08											
1564	11	00-41-41.2	24.32N	123.05E	20		3.6				2.0	21	台湾地区 Taiwan region
	11	08											
1565	11	01-52-01.8	22.94S	175.18W	40	5.2		5.2	4.7	4.9	1.3	43	汤加地区 Tonga region
	11	09											
1566	11	11-32-34.4	31.81N	104.44E	19	3.6	4.0				2.3	22	四川省 Sichuan Province
	11	19											
1567	11	15-47-50.4	43.58N	87.32E	26		3.7				2.7	6	新疆自治区北部 Northern Xinjiang Province
	11	23											
1568	11	22-43-58.7	32.35N	140.73E	90				4.9		2.2	42	本州以南地区 South of Honshu
	12	06											
1569	12	02-23-42.9	38.48N	112.99E	15		3.1				2.5	9	中国东北部 North-Eastern China
	12	10											
1570	12	02-41-38.7	8.08S	67.98E	19	5.4		5.7	5.0	4.7	1.6	56	中印度洋海丘 Mid-Indian Rise
	12	10											
1571	12	17-36-49.0	7.75S	122.93E	259					5.2	1.2	56	佛罗勒斯地区 Flores region
	13	01											
1572	12	18-43-14.9	19.09S	177.53W	572					5.0	0.8	48	斐济地区 Fiji region
	13	02											
1573	13	00-54-21.3	38.34N	72.79E	76					4.3	2.1	15	塔吉克 Tadzhikistan
	13	08											
1574	13	02-02-22.7	13.20S	167.25E	206					5.3	1.0	68	瓦努阿图(新赫布里底) Vanuatu (New Hebrides)
	13	10											
1575	13	08-51-31.3	24.81N	122.36E	122						1.7	10	台湾岛 Taiwan
	13	16											
1576	13	12-53-07.5	36.07N	80.85E	41	4.5	4.8			4.5	2.2	23	克什米尔——西藏边境地区 Kashmir-Tibet border region
	13	20											
1577	13	18-06-27.8	3.62N	128.09E	109					4.9	1.0	59	塔劳群岛 Talaud Islands
	14	02											

International Seismological Centre

1578	14	06–30–25.4	35.14N	139.18E	6	4.5			4.4	1.9	22	本州南海岸近海	
	14	14										Near south coast of Honshu	
1579	14	06–52–08.3	42.01N	20.16E	29			4.4	4.7	1.2	35	阿尔巴尼亚	
	14	14										Albania	
1580	14	10–57–08.4	31.17N	84.73E	32				4.3	2.3	24	西藏自治区	
	14	18										Tibet	
1581	14	15–43–19.4	1.44S	15.60W	10	5.4		5.3	5.4	2.7	26	阿森松岛以北地区	
	14	23										North of Ascension Island	
1582	14	17–19–43.2	23.11N	121.79E	15		3.6		4.3	2.0	25	台湾地区	
	15	01										Taiwan region	
1583	14	20–42–45.8	8.14S	125.26E	58	6.4	6.7	6.2	6.4	1.2	92	帝汶岛	
	15	04										Timor	
1584	15	00–09–15.8	22.83N	94.48E	111		5.9		5.4	1.6	85	缅甸——印度边境地区	
	15	08										Burma–India border region	
1585	15	03–38–51.3	39.54N	94.85E	10		3.8			2.8	6	甘肃省	
	15	11										Gansu Province	
1586	15	06–04–44.2	24.94N	127.94E	50				4.4	1.4	21	琉球群岛地区	
	15	14										Ryukyu Islands region	
1587	15	07–28–36.3	8.10S	125.07E	38				4.3	1.9	22	帝汶岛	
	15	15										Timor	
1588	15	09–32–30.0	26.02N	99.82E	15		3.6			3.9	6	云南省	
	15	17										Yunnan Province	
1589	15	10–40–59.1	8.09S	125.20E	35				4.3	2.1	15	帝汶岛	
	15	18										Timor	
1590	15	22–27–22.4	23.45N	123.33E	16	4.2	3.5		4.6	2.1	36	台湾地区	
	16	06										Taiwan region	
1591	16	00–11–12.5	11.46N	126.14E	44				4.5	1.3	23	莱特岛	
	16	08										Leyte	
1592	16	22–10–53.3	29.89S	178.50W	103				5.2	1.0	61	克马德克群岛地区	
	17	06										Kermadec Islands region	
1593	17	02–26–38.0	53.54N	169.39W	112				4.6	0.6	27	福克斯群岛	
	17	10										Fox Islands	
1594	17	07–52–05.6	23.36N	121.98E	21		3.7			3.0	12	台湾地区	
	17	15										Taiwan region	
1595	17	08–04–49.6	14.82S	173.66W	36			4.7	4.9	1.4	17	汤加	
	17	16										Tonga	
1596	17	15–09–27.6	55.86S	26.91W	29			5.2	5.1	2.8	26	南桑德韦奇群岛地区	
	17	23										South Sandwich Islands region	
1597	17	21–44–40.5	31.51N	49.49E	43	4.8			4.7	1.3	39	伊朗西部	
	18	05										Western Iran	
1598	18	09–27–36.4	76.90N	13.32E	10			4.5	4.7	1.6	18	斯瓦巴德地区	
	18	17										Svalbard region	
1599	18	10–41–12.9	53.40N	160.37E	33	5.0		5.1	4.8	5.4	1.1	71	堪察加东海岸远海
	18	18											Off east coast of Kamchatka
1600	18	18–35–40.3	5.64S	146.35E	59				3.9	4.2	1.1	17	新几内亚
	19	02											New Guinea
1601	18	19–20–15.6	51.31N	176.77W	33	5.0			4.7	4.8	0.7	55	安德烈亚诺夫群岛
	19	03											Andreanof Islands
1602	18	20–13–12.9	51.36N	177.38W	31					4.5	1.0	12	安德烈亚诺夫群岛
	19	04											Andreanof Islands
1603	18	21–01–27.5	50.98N	176.60W	41					4.6	0.9	30	安德烈亚诺夫群岛
	19	05											Andreanof Islands

International Seismological Centre

1604	18	21–24–01.0	30.99N	49.65E	41					4.0	4.4	0.9	31	伊朗西部
	19	05												Western Iran
1605	18	23–52–36.7	17.58S	168.92E	30						5.2	1.8	22	瓦努阿图(新赫布里底)
	19	07												Vanuatu (New Hebrides)
1606	19	03–14–09.2	7.27S	154.39E	50					4.3	5.2	1.1	60	新不列颠地区
	19	11												New Britain region
1607	19	04–44–54.7	6.93S	130.14E	32							0.8	26	班达海
	19	12												Banda Sea
1608	19	21–10–48.6	29.42N	105.65E	15	3.8	3.7					2.7	20	四川省
	20	05												Sichuan Province
1609	20	00–52–15.4	43.37N	87.66E	28		3.6					1.9	9	新疆自治区北部
	20	08												Northern Xinjiang Province
1610	20	04–41–58.5	4.42N	126.67E	62	4.5					5.4	0.9	87	塔劳群岛
	20	12												Talaud Islands
1611	20	04–53–20.1	2.88N	99.12E	186						5.2	1.1	35	706
	20	12												Northern Sumatera
1612	20	06–27–30.2	4.98N	95.72E	136			5.9			5.9	1.2	91	苏门答腊北部
	20	14												Northern Sumatera
1613	20	12–09–53.0	18.77S	175.43W	240			5.6			5.4	0.8	59	汤加
	20	20												Tonga
1614	20	17–22–20.3	17.32S	167.99E	36				4.9		5.1	0.7	45	瓦努阿图(新赫布里底)
	21	01												Vanuatu (New Hebrides)
1615	21	02–22–58.9	16.83S	167.70E	34						4.9	1.3	23	瓦努阿图(新赫布里底)
	21	10												Vanuatu (New Hebrides)
1616	21	03–09–13.6	29.99N	99.49E	13	5.9	5.7	5.9	5.3		5.5	2.0	89	西藏自治区
	21	11												Tibet
1617	21	03–27–07.4	29.85N	99.02E	15		4.4				4.8	2.8	25	西藏自治区
	21	11												Tibet
1618	21	06–20–42.0	40.86N	79.21E	8	4.9	5.4				5.0	1.7	71	新疆自治区南部
	21	14												Southern Xinjiang Province
1619	21	07–37–50.5	33.87N	140.98E	5							1.6	17	本州以南地区
	21	15												South of Honshu
1620	21	16–36–34.4	38.39N	89.42E	15		4.0					2.7	9	新疆自治区南部
	22	00												Southern Xinjiang Province
1621	22	05–02–11.4	2.34N	128.31E	139			6.6			6.4	1.0	93	查伊洛洛贾洛洛(哈马黑拉)岛
	22	13												Djailolo Gilolo (Halmahera)
1622	22	09–47–26.4	29.75N	106.76E	18		3.2					2.6	8	307
	22	17												Sichuan Province
1623	22	19–15–08.6	37.43N	115.09E	10		3.8					2.6	29	中国东部
	23	03												Eastern China
1624	22	23–48–29.7	35.69N	45.01E	59	4.9					4.8	1.7	34	伊拉克
	23	07												Iraq
1625	23	11–24–54.6	3.95N	95.46E	91						4.1	1.3	13	北苏门答腊西海岸远海
	23	19												Off west coast of Northern Sumatera
1626	23	11–26–30.2	8.41S	126.73E	33						4.8	0.8	19	帝汶岛
	23	19												Timor
1627	23	12–01–29.7	54.44N	125.48E	16	5.1				4.6	4.7	1.9	62	俄罗斯东部——中国东北边境地区
	23	20												E. Russia–N.E. China border region
1628	23	22–42–00.9	13.45N	120.57E	35	4.5				4.2	4.9	1.5	56	民都洛岛
	24	06												Mindoro
1629	24	01–36–37.9	7.23S	76.07W	109						4.8	1.5	20	秘鲁北部
	24	09												Northern Peru

1630	24 24	03–27–48.7 11	36.13N	71.13E	94			6.0		5.8	1.4	90	兴都库什地区 Hindu Kush region
1631	24 24	04–30–22.4 12	36.11N	81.10E	30		4.3				4.0	6	克什米尔——西藏边境地区 Kashmir–Tibet border region
1632	24 24	10–03–45.1 18	18.82S	176.87E	32	5.6		5.8	5.4	5.6	1.5	63	斐济以南地区 South of Fiji
1633	24 24	10–11–23.6 18	18.81S	176.69E	33	5.4		5.8	5.5	5.3	1.1	50	斐济以南地区 South of Fiji
1634	24 24	10–53–09.9 18	18.87S	176.92E	19	5.5		5.9	5.4	5.5	0.8	59	斐济以南地区 South of Fiji
1635	24 24	13–56–23.4 21	25.57N	100.36E	8		3.6				2.3	11	云南省 Yunnan Province
1636	24 25	16–51–11.0 00	26.13N	142.79E	35					4.8	1.9	24	硫黄列岛地区 Volcano Islands region
1637	24 25	19–46–30.2 03	18.68S	176.91E	38				4.7	4.8	1.1	28	斐济以南地区 South of Fiji
1638	25 25	03–18–17.9 11	0.06S	123.90E	168					5.1	1.0	33	米那哈沙半岛(西里伯斯) Minahassa Peninsula (Celebes)
1639	25 25	04–19–40.3 12	3.78N	126.28E	87					4.6	1.1	11	塔劳群岛 Talaud Islands
1640	25 25	07–57–38.7 15	27.33N	130.16E	28					4.6	2.6	12	琉球群岛 Ryukyu Islands
1641	25 25	09–07–22.8 17	27.40N	129.89E	28	4.1				4.7	2.1	28	琉球群岛 Ryukyu Islands
1642	25 25	11–22–25.0 19	29.06N	104.76E	16		3.0				1.6	7	四川省 Sichuan Province
1643	25 26	17–50–44.6 01	40.99N	94.79E	5		3.7				2.9	7	甘肃省 Gansu Province
1644	25 26	21–54–22.8 05	7.06S	122.85E	610			5.6		5.6	0.9	94	佛罗勒斯海 Flores Sea
1645	25 26	22–16–12.5 06	32.00S	178.12W	36				4.9	5.3	1.3	22	克马德克群岛以南地区 South of Kermadec Islands
1646	25 26	23–26–15.3 07	47.25N	153.71E	26	4.4			4.3	4.9	1.0	21	千岛群岛 Kurile Islands
1647	26 26	06–29–38.1 14	3.20S	130.73E	31					4.2	2.8	17	斯兰岛 Seram
1648	26 26	13–59–49.1 21	20.64S	169.62E	48			5.5	4.9	4.9	1.3	51	洛亚尔提群岛地区 Loyalty Islands region
1649	26 27	16–08–43.3 00	15.06N	91.14W	34					4.8	0.9	22	危地马拉 Guatemala
1650	26 27	16–13–09.0 00	14.67N	91.39W	43					4.8	0.9	16	危地马拉 Guatemala
1651	27 27	10–32–55.0 18	21.95S	170.42E	46				4.4	4.5	1.3	9	洛亚尔提群岛地区 Loyalty Islands region
1652	27 27	10–51–36.5 18	29.00N	68.26E	28	4.4			4.2	4.7	1.5	26	巴基斯坦 Pakistan
1653	27 27	14–33–00.2 22	6.24N	127.00E	206					4.4	0.9	32	棉兰老岛 Mindanao
1654	27 28	16–26–07.0 00	5.11N	123.34E	565					5.0	1.4	36	西里伯斯海 Celebes Sea
1655	28 28	08–51–10.4 16	40.48N	122.51E	15		3.3				1.5	9	中国东北部 North–Eastern China

1656	28	14–06–59.8	37.53N	143.11E	20	4.2				4.5	1.7	39	本州东海岸远海	
	28	22											Off east coast of Honshu	
1657	28	16–18–16.4	23.54N	121.63E	32	3.9	4.0			4.2	2.1	30	台湾岛	
	29	00											Taiwan	
1658	29	00–10–31.2	5.26S	148.61E	47					4.8	1.0	20	新不列颠地区	
	29	08											New Britain region	
1659	29	03–05–01.0	1.11N	121.51E	42				3.9	4.7	0.9	38	米那哈沙半岛(西里伯斯)	
	29	11											Minahassa Peninsula (Celebes)	
1660	29	05–48–15.2	20.61S	173.79W	36	5.0			4.9	5.1	1.4	34	汤加	
	29	13											Tonga	
1661	29	11–44–06.4	5.99S	142.18E	56					4.4	2.1	22	新几内亚	
	29	19											New Guinea	
1662	29	16–09–19.6	41.15N	142.56E	68					4.7	1.9	38	本州东海岸近海	
	30	00											Near east coast of Honshu	
1663	29	16–57–04.8	4.40S	144.06E	103			5.4		5.4	1.2	62	新几内亚	
	30	00											New Guinea	
1664	29	17–30–01.6	48.75N	153.99E	130					4.4	1.1	36	千岛群岛	
	30	01											Kurile Islands	
1665	29	18–00–31.4	39.52N	73.03E	25	4.1	4.3			4.6	2.5	23	吉尔吉斯	
	30	02											Kirgiziya	
1666	30	04–38–22.8	33.31N	140.96E	66	4.8		5.6		5.3	1.6	84	本州以南地区	
	30	12											South of Honshu	
1667	30	08–31–08.6	33.27N	140.91E	64	4.1				5.1	2.0	55	本州以南地区	
	30	16											South of Honshu	
1668	30	09–22–31.3	7.95S	121.13E	34	4.9			4.5	5.0	1.4	26	佛罗勒斯地区	
	30	17											Flores region	
1669	30	09–29–15.3	52.49S	13.12E	12	5.9		6.0	5.7	5.6	1.4	43	非洲西南以远地区	
	30	17											South–west of Africa	
1670	30	10–41–53.5	6.76N	127.10E	33					4.6	1.1	19	棉兰老岛	
	30	18											Mindanao	
1671	30	16–42–33.6	13.26N	144.08E	117					4.8	1.0	61	马里亚纳群岛以南地区	
	31	00											South of the Marianas	
1672	30	19–14–36.4	4.58N	95.70E	24	5.4		5.4	4.8	5.2	1.4	85	苏门答腊北部	
	31	03											Northern Sumatera	
1673	30	19–36–17.6	4.98S	130.96E	56	4.8			4.9	5.3	0.9	81	班达海	
	31	03											Banda Sea	
1674	30	20–29–07.7	7.70S	130.55E	61				4.6	5.0	1.3	62	塔宁巴尔群岛地区	
	31	04											Tanimbar Islands region	
1675	30	21–09–45.1	7.69S	130.58E	32					4.8	0.8	63	塔宁巴尔群岛地区	
	31	05											Tanimbar Islands region	
1676	31	07–00–18.8	54.07N	164.21W	58					4.8	0.9	21	乌尼马克岛地区	
	31	15											Unimak Island region	
1677	31	09–43–23.0	3.58N	126.63E	93					4.5	1.7	31	塔劳群岛	
	31	17											Talaud Islands	
1678	31	09–58–18.7	40.96N	78.13E	13		3.4				2.7	7	吉尔吉斯——新疆边境地区	
	31	17											Kirgiziya–Xinjiang border region	
1679	31	12–56–45.7	40.62N	144.68E	8					5.0	1.3	52	本州东海岸远海	
	31	20											Off east coast of Honshu	
1680	31	13–40–34.9	21.02S	174.20W	31					5.0	1.1	29	汤加	
	31	21											Tonga	
1681	31	17–07–25.2	8.00S	121.33E	14	6.3		6.6	6.2	6.3	2.2	84	佛罗勒斯地区	
	1	01											Flores region	

International Seismological Centre

1682	31 1	21–29–11.2 05	15.68S	167.77E	140					5.1	0.8	44	瓦努阿图(新赫布里底) Vanuatu (New Hebrides)
1683	31 1	22–06–15.0 06	4.60N	95.90E	34					4.7	2.3	32	苏门答腊北部 Northern Sumatera
	August 1989												
1684	1 1	00–18–03.9 08	4.48S	139.04E	14	5.7		6.2	5.8	6.0	1.7	100	西伊里安 West Irian
1685	1 1	05–24–49.7 13	11.42S	164.83E	24	5.5		5.8	5.3	5.6	1.2	86	圣克鲁斯群岛地区 Santa Cruz Islands region
1686	1 1	10–59–47.3 18	41.88N	79.50E	21		3.3				3.5	8	吉尔吉斯——新疆边境地区 Kirgiziya–Xinjiang border region
1687	1 1	11–25–39.1 19	31.33N	138.26E	390					4.9	0.8	63	本州以南地区 South of Honshu
1688	1 1	15–03–53.9 23	21.76S	170.67E	69					5.3	1.1	63	洛亚尔提群岛地区 Loyalty Islands region
1689	1 2	18–07–00.5 02	12.09N	140.56E	34				4.5	4.7	1.3	17	加罗林群岛西部 Western Caroline Islands
1690	1 2	18–34–28.2 02	12.29N	47.75E	10					4.2	1.3	18	亚丁湾东部 Eastern Gulf of Aden
1691	1 2	23–27–53.5 07	3.56S	150.84E	25	5.5		5.7	5.5	5.2	1.4	77	新不列颠地区 New Britain region
1692	2 2	03–37–28.4 11	2.58S	127.32E	30	5.1		5.8	5.0	5.6	1.3	89	布鲁岛 Buru
1693	2 2	10–24–19.9 18	2.66N	96.13E	30	5.4		5.8	4.9	5.1	1.3	90	北苏门答腊西海岸远海 Off west coast of Northern Sumatera
1694	2 2	10–48–05.9 18	2.70N	96.10E	22	4.8		5.5	5.4	5.1	1.0	82	北苏门答腊西海岸远海 Off west coast of Northern Sumatera
1695	2 3	20–35–07.2 04	29.83N	106.79E	25		3.0				2.9	9	四川省 Sichuan Province
1696	2 3	21–26–16.2 05	23.30N	123.73E	30	4.3	4.0		4.9	4.4	2.2	46	台湾东南以远地区 South–east of Taiwan
1697	3 3	02–24–19.6 10	1.03N	126.18E	64	4.9				5.3	1.3	93	马鲁古海峡 Molucca Passage
1698	3 3	04–09–46.8 12	32.46N	137.43E	419			5.4		5.2	0.9	96	四国东南以远地区 South–east of Shikoku
1699	3 3	07–40–30.4 15	13.38N	120.85E	22	4.8			4.5	5.0	1.6	38	民都洛岛 Mindoro
1700	3 3	07–42–39.1 15	43.46N	45.20E	18	5.5		5.8	5.0	5.0	0.9	68	高加索西部 Western Caucasus
1701	3 3	08–06–16.7 16	37.71N	122.39E	20		3.2				2.9	7	中国东北部 North–Eastern China
1702	3 3	11–07–17.7 19	60.02S	26.49W	34				5.7	5.7	2.0	47	南桑德韦奇群岛地区 South Sandwich Islands region
1703	3 3	11–31–19.0 19	23.12N	121.99E	9	6.7		6.2	6.4	5.9	1.5	112	台湾地区 Taiwan region
1704	3 3	14–56–26.1 22	25.12S	87.75E	10					5.1	0.8	49	南印度洋 South Indian Ocean
1705	3 4	16–38–27.4 00	2.25N	126.74E	87					5.0	1.2	60	马鲁古海峡 Molucca Passage
1706	3 4	22–25–55.0 06	22.40S	179.08E	594			5.7		5.5	0.8	77	斐济以南地区 South of Fiji

International Seismological Centre

1707	4	04-28-43.2	12.12N	120.95E	33	5.3	5.4	4.9	5.0	1.7	79	巴拉望岛	
	4	12										Palawan	
1708	4	05-10-11.6	30.93N	131.63E	66	4.5		4.3	4.7	1.6	60	九州岛	
	4	13										Kyushu	
1709	4	05-38-06.4	6.74S	106.13E	32			5.2	5.0	1.3	47	爪哇岛	
	4	13										Java	
1710	4	08-19-23.1	27.06N	140.26E	481				5.0	1.0	92	小笠原群岛地区	
	4	16										Bonin Islands region	
1711	4	11-24-30.6	35.41N	113.55E	19		3.5			2.3	15	中国东部	
	4	19										Eastern China	
1712	4	11-56-04.4	35.38N	113.49E	17		3.0			3.1	8	中国东部	
	4	19										Eastern China	
1713	4	15-32-40.4	23.49N	121.90E	10	4.5	4.1		4.4	2.8	57	台湾地区	
	4	23										Taiwan region	
1714	4	17-59-56.7	4.58S	139.15E	33				4.8	1.4	31	西伊里安南海岸近海	
	5	01										Near south coast of West Irian	
1715	4	18-15-24.7	7.54S	127.85E	150				4.8	1.4	37	帝汶岛	
	5	02										Timor	
1716	5	05-41-51.8	30.25N	138.55E	446				4.7	0.9	81	本州以南地区	
	5	13										South of Honshu	
1717	5	06-55-49.8	76.13N	134.39E	10	5.7	5.5	5.0	5.3	1.1	83	拉普帖夫海	
	5	14										Laptev Sea	
1718	5	09-15-58.3	38.53N	73.75E	29		4.3		4.6	3.0	18	塔吉克——新疆边境地区	
	5	17										Tadzhikistan-Xinjiang border region	
1719	5	10-49-21.8	76.19N	134.54E	13				4.6	1.2	21	拉普帖夫海	
	5	18										Laptev Sea	
1720	5	12-29-22.2	29.97N	99.67E	32	3.9	3.6			2.7	24	四川省	
	5	20										Sichuan Province	
1721	5	13-33-46.7	30.13N	99.64E	14	4.7	4.4	5.7	4.9	2.2	84	四川省	
	5	21										Sichuan Province	
1722	5	18-43-46.0	27.31N	103.33E	27	4.1	4.4		4.1	2.4	54	四川省	
	6	02										Sichuan Province	
1723	5	19-01-20.1	22.56N	122.18E	7	4.1	4.0	4.6		3.0	26	台湾地区	
	6	03										Taiwan region	
1724	5	23-30-30.6	33.21N	140.88E	58	4.5		5.0	5.2	1.8	84	本州以南地区	
	6	07										South of Honshu	
1725	6	01-23-22.7	21.75N	143.18E	282				4.7	1.2	47	马里亚纳群岛地区	
	6	09										Marianas region	
1726	6	03-12-39.4	2.79S	138.93E	10			4.5	4.9	1.5	56	西伊里安	
	6	11										West Irian	
1727	6	04-25-18.1	42.95N	94.26E	5		3.4			4.8	5	新疆自治区北部	
	6	12										Northern Xinjiang Province	
1728	6	06-36-29.3	1.94N	128.38E	114			6.0	5.7	1.0	101	查伊洛洛贾洛洛(哈马黑拉)岛	
	6	14										Djailolo Gilolo (Halmahera)	
1729	6	07-43-42.6	1.05N	126.23E	89	4.9			5.7	1.0	91	马鲁古海峡	
	6	15										Molucca Passage	
1730	6	08-19-55.1	23.12S	68.40W	100				5.3	1.5	46	智利北部	
	6	16										Northern Chile	
1731	6	13-17-43.1	60.17N	140.96W	10	5.5	5.6	5.2	5.3	1.1	70	阿拉斯加州东南部	
	6	21										South-Eastern Alaska	
1732	6	22-08-37.6	32.82N	141.82E	35	4.1			4.7	1.5	49	本州以南地区	
	7	06										South of Honshu	

International Seismological Centre

1733	6	22–53–55.4	42.93N	145.15E	42	5.0	5.9	5.1	5.7	1.1	101	北海道地区	
	7	06										Hokkaido region	
1734	7	05–42–34.1	9.52S	157.62E	12			4.6	4.9	1.5	41	所罗门群岛地区	
	7	13										Solomon Islands region	
1735	7	07–50–34.0	20.89S	178.84W	587				4.9	1.2	37	斐济地区	
	7	15										Fiji region	
1736	7	14–49–29.7	5.39S	152.08E	58	5.2	5.8	5.0	5.1	1.5	76	新不列颠地区	
	7	22										New Britain region	
1737	7	14–55–33.5	5.09S	152.16E	30				4.9	1.0	32	新不列颠地区	
	7	22										New Britain region	
1738	7	23–34–53.8	4.29S	104.66W	0	6.0		5.4	5.0	1.7	20	复活节岛海山北部	
	8	07										Northern Easter I. Cordillera	
1739	8	00–07–41.2	33.02N	137.77E	361				4.2	0.7	43	本州以南地区	
	8	08										South of Honshu	
1740	8	07–59–07.3	40.09S	174.44E	138				5.5	1.5	61	新西兰库克海峡	
	8	15										Cook Strait, New Zealand	
1741	8	08–13–26.0	37.18N	122.03W	15			4.5	4.9	1.6	18	中加利福尼亚	
	8	16										Central California	
1742	8	16–25–49.6	45.65N	130.74E	17		3.1			2.4	8	俄罗斯东部——中国东北边境地区	
	9	00										E. Russia–N.E. China border region	
1743	8	19–35–27.9	48.93S	124.67E	18				5.4	1.4	25	澳大利亚以南地区	
	9	03										South of Australia	
1744	8	20–47–18.7	25.67N	141.23E	167				4.5	1.1	48	硫黄列岛地区	
	9	04										Volcano Islands region	
1745	8	23–44–03.8	22.80S	68.48W	95				5.3	1.5	56	智利北部	
	9	07										Northern Chile	
1746	9	00–40–37.2	20.37S	173.72W	39	5.4	5.8	5.0	5.3	1.4	53	汤加	
	9	08										Tonga	
1747	9	03–03–50.1	20.76S	173.46W	34			4.7	5.0	1.4	40	汤加	
	9	11										Tonga	
1748	9	04–20–54.8	15.45N	147.17E	34	4.9			4.5	1.0	39	马里亚纳群岛	
	9	12										Marianas	
1749	9	05–25–09.1	44.54N	140.93E	251		4.7		4.5	1.0	62	日本海东部	
	9	13										Eastern Sea of Japan	
1750	9	05–51–01.8	9.77S	118.12E	32				4.9	1.1	60	松巴哇以南地区	
	9	13										South of Sumbawa	
1751	9	14–38–21.8	43.09N	146.85E	23	4.4		4.2	5.0	1.2	71	北海道海岸远海	
	9	22										Off coast of Hokkaido	
1752	9	16–01–26.1	24.69N	94.55E	85	4.3			5.2	1.8	59	缅甸——印度边境地区	
	10	00										Burma–India border region	
1753	10	01–19–59.6	42.20N	125.73E	6		3.4			3.7	6	中国东北部	
	10	09										North–Eastern China	
1754	10	01–55–56.7	5.95N	124.49E	53	5.8	5.9	5.7	5.4	1.3	109	棉兰老岛	
	10	09										Mindanao	
1755	10	03–58–41.0	5.80N	124.26E	40	4.3		4.0	4.9	1.4	31	棉兰老岛	
	10	11										Mindanao	
1756	10	08–23–45.6	6.02N	124.84E	46	5.0	5.3	4.7	5.0	1.7	54	棉兰老岛	
	10	16										Mindanao	
1757	10	10–39–09.0	5.93N	124.44E	38	4.4		4.2	5.0	1.5	62	棉兰老岛	
	10	18										Mindanao	
1758	10	11–46–28.4	5.99N	124.49E	41	5.3	5.7	5.2	5.4	1.2	101	棉兰老岛	
	10	19										Mindanao	

1759	10	13–42–43.8	34.11N	135.81E	83				4.1	1.3	30	本州南部南海岸近海	
	10	21										Near south coast of Southern Honshu	
1760	10	14–37–32.1	36.31N	71.21E	120				4.8	1.8	46	兴都库什地区	
	10	22										Hindu Kush region	
1761	10	14–56–19.2	5.84N	124.37E	28	4.4		4.2	4.6	1.7	33	棉兰老岛	
	10	22										Mindanao	
1762	10	16–49–51.8	27.20N	97.01E	37		3.6		4.2	2.1	31	缅甸	
	11	00										Burma	
1763	10	19–25–20.1	18.99S	176.86E	34			4.4	5.2	1.5	44	171	
	11	03										South of Fiji	
1764	11	00–32–03.5	4.12S	146.10E	34				4.4	2.2	19	新几内亚北海岸近海	
	11	08										Near north coast of New Guinea	
1765	11	01–12–20.0	18.64S	168.56E	51			4.2	5.0	1.2	25	瓦努阿图(新赫布里底)	
	11	09										Vanuatu (New Hebrides)	
1766	11	03–26–59.7	18.98S	177.00E	22			4.3	5.1	1.3	35	斐济以南地区	
	11	11										South of Fiji	
1767	11	04–21–22.5	45.79N	150.82E	87				5.2	1.3	50	千岛群岛	
	11	12										Kurile Islands	
1768	11	07–39–47.3	13.09N	121.54E	27	5.1	5.5	5.0	5.0	1.3	90	民都洛岛	
	11	15										Mindoro	
1769	11	14–50–54.2	13.13N	121.61E	33	4.6	5.1	4.4	4.9	1.9	62	民都洛岛	
	11	22										Mindoro	
1770	11	20–58–42.0	7.15S	122.73E	627				5.4	0.9	44	佛罗勒斯海	
	12	04										Flores Sea	
1771	12	00–40–09.6	0.79N	126.74E	45	5.6	5.9		5.7	1.0	106	马鲁古海峡	
	12	08										Molucca Passage	
1772	12	05–43–17.6	8.14S	120.38E	29				4.5	1.3	18	佛罗勒斯地区	
	12	13										Flores region	
1773	12	06–24–37.8	40.66N	76.66E	13		3.8			3.3	10	吉尔吉斯——新疆边境地区	
	12	14										Kirgiziya–Xinjiang border region	
1774	12	07–13–30.4	2.75S	138.68E	54			4.3	4.6	1.4	39	201	
	12	15										West Irian	
1775	12	15–31–48.7	18.24N	100.98W	69				5.3	1.3	28	墨西哥格雷罗海岸近海	
	12	23										Near coast of Guerrero, Mexico	
1776	12	16–46–44.1	8.73N	125.87E	68	5.3	6.0		5.9	1.1	121	棉兰老岛	
	13	00										Mindanao	
1777	12	18–01–20.7	36.58N	70.29E	221				4.5	1.6	24	兴都库什地区	
	13	02										Hindu Kush region	
1778	12	19–22–17.2	22.07S	179.67W	561				4.7	1.3	28	斐济以南地区	
	13	03										South of Fiji	
1779	12	20–46–40.8	20.45S	173.96W	33	5.3	6.0	5.3	5.3	1.5	73	汤加	
	13	04										Tonga	
1780	12	22–34–52.8	51.41N	176.14W	67				4.5	1.2	25	安德烈亚诺夫群岛	
	13	06										Andreanof Islands	
1781	13	01–31–22.2	22.97N	120.48E	25	4.3	4.7		4.6	2.0	54	台湾地区	
	13	09										Taiwan region	
1782	13	08–34–11.3	46.36N	152.91E	21	4.5		4.8	4.6	5.1	1.3	72	千岛群岛地区
	13	16										Kurile Islands region	
1783	13	18–08–28.2	41.89N	119.38E	5		3.0			2.6	10	中国东北部	
	14	02										North–Eastern China	
1784	13	18–47–22.2	42.33N	87.84E	31	3.8	4.5			2.5	14	新疆自治区南部	
	14	02										Southern Xinjiang Province	

International Seismological Centre

1785	14	02–51–01.5	46.60N	153.12E	27	4.5		4.7	4.4	5.0	1.1	73	千岛群岛
	14	10											Kurile Islands
1786	14	08–16–47.8	46.83N	86.49E	28		4.6				2.6	17	新疆自治区北部
	14	16											Northern Xinjiang Province
1787	14	14–33–29.4	29.77N	103.44E	16		3.3				1.8	7	四川省
	14	22											Sichuan Province
1788	14	17–51–13.9	19.00S	176.75E	83	6.0		6.3	5.9	5.8	1.1	103	斐济以南地区
	15	01											South of Fiji
1789	14	18–12–38.8	18.91S	176.84E	25			5.8		5.4	0.9	56	斐济以南地区
	15	02											South of Fiji
1790	14	18–15–53.2	18.96S	176.83E	34					5.5	1.5	38	斐济以南地区
	15	02											South of Fiji
1791	14	19–02–33.6	18.86S	177.21E	41	5.0				5.3	1.2	43	斐济以南地区
	15	03											South of Fiji
1792	15	00–46–23.6	21.72S	175.27W	39	5.3		5.1	5.0		1.5	33	汤加地区
	15	08											Tonga region
1793	15	07–53–57.9	21.96S	175.03W	33			4.9	5.1		1.4	39	汤加地区
	15	15											Tonga region
1794	15	10–04–23.3	38.24S	94.02W	13			5.3	5.4		2.1	44	西智利海丘
	15	18											West Chile Rise
1795	15	14–30–31.2	7.27S	128.62E	85					4.8	1.3	47	班达海
	15	22											Banda Sea
1796	15	17–03–28.3	39.13N	25.83E	4			4.6	4.6		1.3	55	爱琴海
	16	01											Gean Sea
1797	15	18–38–13.4	15.85S	176.46W	362					4.7	0.8	36	斐济地区
	16	02											Fiji region
1798	15	21–23–53.3	5.13N	125.33E	191					5.1	1.6	51	西里伯斯海
	16	05											Celebes Sea
1799	16	09–07–58.0	18.55S	173.17W	33			5.6	4.9	4.9	1.9	48	汤加
	16	17											Tonga
1800	16	13–46–21.3	4.57S	125.43E	449					5.0	0.9	32	班达海
	16	21											Banda Sea
1801	16	14–56–45.1	36.24N	80.82E	24		4.0				4.1	7	克什米尔——西藏边境地区
	16	22											Kashmir–Tibet border region
1802	17	05–10–27.2	5.42S	102.83E	45	4.9			4.7	4.9	1.3	72	苏门答腊南部
	17	13											Southern Sumatera
1803	17	06–17–40.4	29.48N	129.44E	16	4.4				4.8	2.5	47	琉球群岛
	17	14											Ryukyu Islands
1804	17	07–05–45.4	4.34S	102.13E	102					4.6	1.3	38	苏门答腊南部
	17	15											Southern Sumatera
1805	17	11–03–10.1	17.57S	167.29E	13	5.1		5.6	4.8	5.2	1.1	73	瓦努阿图(新赫布里底)地区
	17	19											Vanuatu (New Hebrides) region
1806	17	11–19–09.2	26.16N	102.14E	5		3.2				2.5	9	云南省
	17	19											Yunnan Province
1807	17	15–01–21.7	4.23S	153.00E	101					5.3	1.3	48	新不列颠地区
	17	23											New Britain region
1808	17	22–08–20.0	12.59N	95.62E	26					4.8	2.1	27	安达曼群岛地区
	18	06											Andaman Islands region
1809	18	00–14–32.0	0.72N	126.22E	59					5.0	1.2	58	马鲁古海峡
	18	08											Molucca Passage
1810	18	03–46–26.4	54.92S	27.94W	33					5.5	5.6	2.8	43 南桑德韦奇群岛地区
	18	11											South Sandwich Islands region

1811	18 05–46–11.1	7.39S	128.88E	133				4.5	1.6	27	班达海	
	18 13										Banda Sea	
1812	18 07–43–23.0	36.35N	70.94E	107				4.6	1.3	36	兴都库什地区	
	18 15										Hindu Kush region	
1813	18 18–49–59.3	12.77N	144.64E	73				4.5	0.7	34	马里亚纳群岛以南地区	
	19 02										South of the Marianas	
1814	18 20–00–50.2	51.56N	175.59E	33			4.2	4.9	0.9	44	拉特群岛	
	19 04										Rat Islands	
1815	18 20–53–03.3	0.53S	124.36E	88				4.4	1.6	39	苏拉威西(西里伯斯)岛	
	19 04										Sulawesi (Celebes)	
1816	19 06–55–54.1	5.39S	102.84E	61	5.2		4.9	4.7	1.4	55	苏门答腊南部	
	19 14										Southern Sumatera	
1817	19 08–14–59.2	2.10S	138.18E	33			4.5	4.4	1.5	43	西伊里安	
	19 16										West Irian	
1818	19 13–19–19.8	6.51S	130.04E	163		5.4		5.7	1.0	101	班达海	
	19 21										Banda Sea	
1819	20 00–07–38.6	38.36N	72.54E	25		4.5		4.4	1.7	17	塔吉克	
	20 08										Tadzhikistan	
1820	20 01–31–54.6	15.08S	173.52W	45			4.7	4.9	1.6	17	汤加	
	20 09										Tonga	
1821	20 03–21–19.1	43.45N	125.41E	9		3.8			2.9	13	中国东北部	
	20 11										North–Eastern China	
1822	20 09–10–15.6	9.31N	123.78E	52	4.5		5.3	4.1	5.3	1.2	68	棉兰老岛
	20 17										Mindanao	
1823	20 09–15–38.9	9.09N	123.80E	51					4.3	1.2	31	棉兰老岛
	20 17										Mindanao	
1824	20 11–16–56.4	12.04N	42.06E	8	6.4		6.1	6.3	5.8	1.3	100	埃塞俄比亚
	20 19										Ethiopia	
1825	20 11–46–27.2	11.96N	41.78E	9	6.1		6.2	5.6	6.1	1.0	88	埃塞俄比亚
	20 19										Ethiopia	
1826	20 11–56–17.1	11.88N	41.88E	9	6.4				5.3	1.5	52	埃塞俄比亚
	20 19										Ethiopia	
1827	20 13–25–25.0	12.04N	41.66E	7	6.2		5.6		5.2	1.6	69	埃塞俄比亚
	20 21										Ethiopia	
1828	20 13–26–19.5	11.93N	41.92E	10	6.1		5.7	6.1	5.3	1.6	49	埃塞俄比亚
	20 21										Ethiopia	
1829	20 14–08–30.9	28.00N	139.81E	497					3.9	1.0	26	小笠原群岛地区
	20 22										Bonin Islands region	
1830	20 18–32–29.1	37.37N	21.46E	11	5.9		5.9	5.6	5.4	0.9	98	地中海
	21 02										Mediterranean Sea	
1831	20 18–39–47.7	11.98N	41.81E	9					5.4	1.3	38	埃塞俄比亚
	21 02										Ethiopia	
1832	20 18–54–05.6	12.13N	41.77E	11					5.2	1.2	37	埃塞俄比亚
	21 02										Ethiopia	
1833	20 19–25–55.9	12.01N	41.83E	11	6.0		6.2	5.7	6.2	0.9	97	埃塞俄比亚
	21 03										Ethiopia	
1834	21 01–09–05.6	11.95N	41.80E	14	6.3		6.1	6.2	6.3	1.3	106	埃塞俄比亚
	21 09										Ethiopia	
1835	21 01–34–09.3	12.48N	42.06E	10					4.9	1.0	24	埃塞俄比亚
	21 09										Ethiopia	
1836	21 05–03–04.6	12.02N	41.74E	9	6.1		6.1	5.7	5.8	1.1	99	埃塞俄比亚
	21 13										Ethiopia	

1837	21	07–07–37.9	11.91N	41.74E	9				4.7	5.0	1.4	28	埃塞俄比亚	
	21	15											Ethiopia	
1838	21	13–16–51.9	40.45N	106.09E	26		4.2				2.2	20	中国北部	
	21	21											Northern China	
1839	21	13–23–43.8	4.81S	146.85E	33				4.0	4.4	1.1	31	新几内亚东部地区	
	21	21											Eastern New Guinea region	
1840	21	14–47–19.1	5.64N	124.59E	60	4.3				4.6	1.0	60	棉兰老岛	
	21	22											Mindanao	
1841	21	18–25–41.3	4.06S	154.50E	498			6.3		5.8	1.0	118	所罗门群岛	
	22	02											Solomon Islands	
1842	21	18–35–38.2	4.19S	154.91E	555					5.1	1.3	33	所罗门群岛	
	22	02											Solomon Islands	
1843	21	23–12–40.8	24.11N	122.53E	44	6.3		6.2	6.3	5.6	1.6	111	台湾地区	
	22	07											Taiwan region	
1844	22	00–42–02.7	6.84N	73.10W	152					4.9	2.3	49	哥伦比亚北部	
	22	08											Northern Colombia	
1845	22	03–01–50.7	12.31N	41.96E	14	5.2				4.8	2.8	20	埃塞俄比亚	
	22	11											Ethiopia	
1846	22	06–27–01.7	4.91S	151.43E	124					5.2	1.1	66	新不列颠地区	
	22	14											New Britain region	
1847	22	07–56–08.4	41.37N	142.10E	69	4.4				5.3	1.3	92	本州东海岸近海	
	22	15											Near east coast of Honshu	
1848	22	10–44–57.5	8.48N	125.77E	63					4.6	1.4	25	棉兰老岛	
	22	18											Mindanao	
1849	22	10–51–52.1	21.43S	173.58E	33					4.6	2.0	16	瓦努阿图(新赫布里底)地区	
	22	18											Vanuatu (New Hebrides) region	
1850	22	19–59–39.4	23.97N	122.76E	28	4.3	4.0	4.9		4.3	2.0	58	台湾地区	
	23	03											Taiwan region	
1851	22	20–02–36.8	23.97N	122.71E	32	4.5	4.3		5.0	4.9	1.5	68	台湾地区	
	23	04											Taiwan region	
1852	22	21–03–57.3	0.24N	98.69E	58					4.4	0.9	38	苏门答腊南部	
	23	05											Southern Sumatera	
1853	22	23–24–25.4	24.29N	123.08E	40	4.2	4.0		3.9	4.3	1.6	55	台湾地区	
	23	07											Taiwan region	
1854	23	05–41–39.1	21.20N	111.90E	34		3.7				3.4	6	中国东部	
	23	13											Eastern China	
1855	23	06–28–09.4	27.41N	129.83E	20	5.0	4.3	5.0		5.4	1.3	86	琉球群岛	
	23	14											Ryukyu Islands	
1856	23	07–07–16.7	27.39N	129.88E	32	5.3		4.9		4.9	1.6	39	琉球群岛	
	23	15											Ryukyu Islands	
1857	23	07–11–45.4	27.49N	129.81E	28	5.2		5.0	4.7	5.3	1.5	74	琉球群岛	
	23	15											Ryukyu Islands	
1858	23	08–57–17.2	26.88N	104.04E	21		3.6				2.8	14	云南省	
	23	16											Yunnan Province	
1859	23	13–56–30.1	36.48N	70.16E	178					4.6	1.5	31	兴都库什地区	
	23	21											Hindu Kush region	
1860	23	15–20–42.1	52.52N	168.15W	32	5.4		5.5	5.0	5.1	1.2	92	福克斯群岛	
	23	23											Fox Islands	
1861	23	15–41–22.7	34.50N	139.01E	217					4.7	1.9	26	本州南海岸近海	
	23	23											Near south coast of Honshu	
1862	23	15–55–06.5	8.25S	156.38E	29					4.8	1.1	38	所罗门群岛	
	23	23											Solomon Islands	

1863	23	17–36–52.8	52.86N	168.59W	22				4.7	1.1	42	福克斯群岛	
	24	01										Fox Islands	
1864	23	19–43–41.2	23.01N	121.92E	27	4.5	4.2			1.9	51	台湾地区	
	24	03										Taiwan region	
1865	23	20–25–20.8	52.51N	168.08W	30	5.2		5.3	4.7	5.3	1.1	88	福克斯群岛
	24	04										Fox Islands	
1866	23	21–21–20.1	52.45N	168.18W	32					4.9	1.2	30	福克斯群岛
	24	05										Fox Islands	
1867	24	00–56–57.8	11.51N	140.63E	57	4.8			4.6	4.5	1.1	64	加罗林群岛西部
	24	08										Western Caroline Islands	
1868	24	02–13–14.7	38.04N	20.41E	28	5.1			4.9	5.1	0.9	78	爱奥尼亚海
	24	10										Ionian Sea	
1869	24	11–25–46.3	5.66S	102.74E	32	4.9			4.9	4.8	1.2	60	苏门答腊西南以远地区
	24	19										South–west of Sumatera	
1870	24	12–39–58.0	44.33N	149.26E	37	4.0			3.9	5.0	1.2	53	千岛群岛地区
	24	20										Kurile Islands region	
1871	24	20–06–39.9	36.76N	70.85E	67		4.3			4.5	2.6	17	兴都库什地区
	25	04										Hindu Kush region	
1872	24	20–47–41.0	36.13N	81.11E	5		4.2				2.1	8	克什米尔——西藏边境地区
	25	04										Kashmir–Tibet border region	
1873	24	23–35–01.1	44.98N	93.85E	29		3.5				3.0	5	新疆自治区北部
	25	07										Northern Xinjiang Province	
1874	25	01–39–45.3	24.10N	122.57E	41	4.0	4.1			4.2	1.7	38	台湾地区
	25	09										Taiwan region	
1875	25	09–02–41.4	32.60N	104.50E	16	3.5	4.0				2.9	23	四川省
	25	17										Sichuan Province	
1876	25	15–37–52.8	0.38S	123.71E	84					4.5	1.7	11	米那哈沙半岛(西里伯斯)
	25	23										Minahassa Peninsula (Celebes)	
1877	25	20–25–22.6	15.19N	120.21E	24						1.2	47	吕宋岛
	26	04										Luzon	
1878	25	20–47–46.8	31.51N	140.33E	149					4.6	1.3	41	本州以南地区
	26	04										South of Honshu	
1879	25	22–04–55.9	4.55S	134.64E	32				3.6	4.6	1.5	21	阿鲁群岛地区
	26	06										Aroe Islands region	
1880	26	00–11–41.4	36.23N	140.83E	47	4.7		4.9	4.7	5.4	1.7	97	本州东海岸近海
	26	08										Near east coast of Honshu	
1881	26	13–00–58.7	51.26N	178.10W	33					4.8	0.7	30	安德烈亚诺夫群岛
	26	21										Andreanof Islands	
1882	26	20–10–36.2	21.91S	68.77W	113					5.1	2.5	24	智利北部
	27	04										Northern Chile	
1883	26	20–11–11.3	21.15S	170.23E	91					4.4	1.3	31	洛亚尔提群岛地区
	27	04										Loyalty Islands region	
1884	27	01–21–17.0	34.98N	26.21E	60	4.7		5.6		5.0	1.1	84	克里特岛
	27	09										Crete	
1885	27	03–00–41.7	5.83S	150.70E	58						1.3	30	新不列颠地区
	27	11										New Britain region	
1886	27	04–56–03.1	53.98N	165.21W	58					4.5	1.6	32	福克斯群岛
	27	12										Fox Islands	
1887	27	15–20–47.7	20.38N	98.82E	24	4.9	5.1		4.3	4.5	1.7	54	印度支那半岛
	27	23										Indo–Pacific Peninsula	
1888	27	23–09–10.4	41.93N	119.24E	2		3.1				2.8	11	中国东北部
	28	07										North–Eastern China	

1889	28	00–55–21.6	3.20S	130.49E	34					4.3	4.8	1.4	47 斯兰岛
	28	08											Seram
1890	28	01–25–25.6	27.18N	128.72E	53						5.0	1.9	31 琉球群岛
	28	09											Ryukyu Islands
1891	28	01–39–44.2	40.73N	122.77E	5	3.1						2.3	9 中国东北部
	28	09											North–Eastern China
1892	28	03–25–05.9	21.00N	112.12E	32	4.1						2.7	7 中国东部
	28	11											Eastern China
1893	28	03–26–53.0	40.61N	79.41E	31	3.5						3.1	9 新疆自治区南部
	28	11											Southern Xinjiang Province
1894	28	08–43–51.7	2.90N	128.49E	33						4.7	1.2	23 266
	28	16											Molucca Passage
1895	28	10–25–12.4	41.83N	119.32E	3		3.1					2.6	13 中国东北部
	28	18											North–Eastern China
1896	29	04–16–24.7	18.38N	105.40W	22	6.6		6.6	6.6	5.7		2.7	56 墨西哥哈利斯科海岸远海
	29	12											Off coast of Jalisco, Mexico
1897	29	10–25–09.2	40.61N	76.79E	8		3.6					2.6	5 吉尔吉斯——新疆边境地区
	29	18											Kirgiziya–Xinjiang border region
1898	29	15–30–38.6	48.26N	147.58E	406					4.8		1.0	77 千岛群岛西北以远地区
	29	23											North–west of Kurile Islands
1899	29	16–12–38.7	32.94N	141.19E	52				4.0	5.3		1.4	52 本州以南地区
	30	00											South of Honshu
1900	29	17–33–14.4	26.68N	103.04E	32		3.1					3.0	8 四川省
	30	01											Sichuan Province
1901	29	20–39–21.3	42.33N	86.01E	23		3.8					2.2	10 新疆自治区南部
	30	04											Southern Xinjiang Province
1902	30	03–06–54.2	54.79N	162.49E	30	5.8			5.2	5.5		1.5	91 堪察加东海岸近海
	30	11											Near east coast of Kamchatka
1903	30	05–37–00.1	51.72N	178.80W	33	5.0				4.9		1.4	31 安德烈亚诺夫群岛
	30	13											Andreanof Islands
1904	30	05–49–46.0	36.76N	141.27E	40						4.5	1.6	26 本州东海岸近海
	30	13											Near east coast of Honshu
1905	30	06–05–05.3	51.34N	157.94E	51	4.5					5.0	1.4	78 221
	30	14											Kurile Islands
1906	30	06–59–35.5	6.11S	128.04E	368						4.8	1.2	55 班达海
	30	14											Banda Sea
1907	30	09–25–08.7	28.91N	129.60E	5	4.6	5.0					2.6	28 琉球群岛
	30	17											Ryukyu Islands
1908	30	11–38–10.8	55.53N	161.36E	73	5.0		5.6			5.8	1.1	93 堪察加半岛
	30	19											Kamchatka
1909	30	12–10–55.8	1.45N	125.76E	73						4.9	0.7	18 马鲁古海峡
	30	20											Molucca Passage
1910	30	16–25–29.2	5.60N	127.18E	91			5.5			5.1	1.2	96 棉兰老岛
	31	00											Mindanao
1911	30	19–19–40.0	4.75S	133.99E	32						4.6	1.9	25 阿鲁群岛地区
	31	03											Aroe Islands region
1912	31	03–47–26.2	18.58N	120.38E	27	4.4	4.1				4.6	1.7	52 菲律宾群岛地区
	31	11											Philippine Islands region
1913	31	13–48–36.2	7.55S	128.14E	156						4.5	1.4	28 帝汶岛
	31	21											Timor
1914	31	19–54–41.7	28.60N	99.67E	33	4.2	3.9				4.3	2.3	51 云南省
	1	03											Yunnan Province

International Seismological Centre

International Seismological Centre

	September 1989												
1915	1	00–40–16.8	51.92N	178.96W	33	4.8			4.6	1.1	23	7	
	1	08											Andreanof Islands
1916	1	03–08–17.3	20.54S	177.79W	542				4.6	0.9	14	斐济地区	
	1	11											Fiji region
1917	1	09–20–06.7	38.93N	92.05E	15		3.7			3.1	6	青海省	
	1	17											Qinghai Province
1918	1	11–57–22.9	6.80S	108.29E	235			5.3	5.3	1.5	70	爪哇岛	
	1	19											Java
1919	1	16–13–55.9	36.16N	70.36E	74				4.5	2.1	13	兴都库什地区	
	2	00											Hindu Kush region
1920	1	18–21–49.9	5.97N	124.61E	34				4.4	1.2	20	棉兰老岛	
	2	02											Mindanao
1921	1	19–02–07.3	18.94S	169.59E	269				4.9	1.2	32	瓦努阿图(新赫布里底)	
	2	03											Vanuatu (New Hebrides)
1922	1	23–28–31.6	10.96N	122.07E	34	4.7		5.2	4.4	4.7	1.4	58	班乃岛
	2	07											Panay
1923	2	00–50–37.4	10.39S	162.31E	39				4.6	4.6	1.1	19	所罗门群岛
	2	08											Solomon Islands
1924	2	04–16–58.1	50.03N	78.95E	9	4.4	5.0			5.0	1.4	65	哈萨克东部
	2	12											Eastern Kazakhstan
1925	2	05–57–31.1	22.01S	179.76W	593					5.1	1.0	41	斐济以南地区
	2	13											South of Fiji
1926	2	14–20–59.2	17.70S	178.58W	614					5.3	1.1	33	181
	2	22											Fiji region
1927	2	16–53–27.1	4.18S	153.12E	54	5.3		5.8	5.3	5.4	1.1	88	新不列颠地区
	3	00											New Britain region
1928	2	21–49–20.1	40.84N	78.34E	22		3.5				3.2	8	吉尔吉斯——新疆边境地区
	3	05											Kirgiziya–Xinjiang border region
1929	2	22–00–30.8	0.63N	24.45W	10	5.9			4.9	5.0	2.8	16	中大西洋中部海岭
	3	06											Central Mid–Atlantic Ridge
1930	2	22–29–25.2	25.49N	125.29E	32	5.3	4.9	5.5	5.5	5.1	1.7	87	琉球群岛西南部
	3	06											South–western Ryukyu Islands
1931	3	00–19–37.5	25.59N	125.29E	37	5.6	5.2	5.5	5.1	5.1	1.8	88	台湾东北以远地区
	3	08											North–east of Taiwan
1932	3	07–39–57.9	0.45N	126.46E	32					4.5	1.6	8	马鲁古海
	3	15											Molucca Sea
1933	3	08–36–34.8	4.41S	139.30E	28	4.9		5.5	4.6	5.1	0.9	68	西伊里安
	3	16											West Irian
1934	3	10–14–23.8	41.38N	142.46E	38					4.4	2.3	19	本州东海岸近海
	3	18											Near east coast of Honshu
1935	3	11–39–42.3	25.48N	125.30E	31	4.1	4.1			4.2	2.6	33	琉球群岛西南部
	3	19											South–western Ryukyu Islands
1936	3	14–16–52.5	5.19S	152.05E	62					4.8	1.0	31	新不列颠地区
	3	22											New Britain region
1937	3	19–01–24.1	9.06S	116.29E	30					4.9	1.4	32	284
	4	03											South of Bali
1938	3	19–18–06.4	49.68N	156.24E	76					4.9	1.0	52	千岛群岛
	4	03											Kurile Islands
1939	3	20–52–10.4	38.88S	178.55E	59					5.2	1.4	13	新西兰北岛东海岸远海
	4	04											Off east coast of North Island, N.Z.

1940	3	22–03–55.1	39.41N	102.77E	8	4.6	5.4	5.2		4.4	2.3	67	甘肃省
	4	06											Gansu Province
1941	4	05–20–58.6	4.11S	136.77E	27	6.0		6.0	6.0	5.8	1.0	105	西伊里安地区
	4	13											West Irian region
1942	4	10–48–34.8	5.64N	126.68E	65	4.7				4.7	1.8	47	棉兰老岛
	4	18											Mindanao
1943	4	13–14–58.8	55.71N	156.89W	26	7.5		7.0	6.9	6.5	1.0	115	阿拉斯加半岛
	4	21											Alaska Peninsula
1944	4	14–57–27.5	32.93S	178.72W	43					5.4	1.3	28	克马德克群岛以南地区
	4	22											South of Kermadec Islands
1945	4	21–36–48.8	21.85N	119.66E	21	4.5	4.1	4.1			1.9	55	台湾地区
	5	05											Taiwan region
1946	5	01–20–31.3	29.72N	99.28E	17		3.4				4.4	9	西藏自治区
	5	09											Tibet
1947	5	04–07–03.1	35.46N	140.17E	72					4.9	1.5	56	本州南海岸近海
	5	12											Near south coast of Honshu
1948	5	05–06–53.3	6.34S	130.64E	34				4.8	4.6	3.1	30	班达海
	5	13											Banda Sea
1949	5	05–51–54.6	4.28N	127.47E	42	5.2		5.9	5.0	5.6	1.2	97	塔劳群岛
	5	13											Talaud Islands
1950	5	06–28–11.5	14.29N	93.72W	31				4.9	5.6	1.1	41	墨西哥恰帕斯海岸远海
	5	14											Off coast of Chiapas, Mexico
1951	5	06–52–28.7	40.09N	25.07E	11	5.2			5.0	4.9	1.5	35	爱琴海
	5	14											Gean Sea
1952	5	07–40–28.0	39.62N	118.89E	11		3.3				3.5	12	中国东北部
	5	15											North–Eastern China
1953	5	10–03–26.4	18.01S	178.22W	509					5.0	0.9	47	斐济地区
	5	18											Fiji region
1954	5	10–59–39.9	5.43N	126.72E	34					4.6	1.3	44	塔劳群岛
	5	18											Talaud Islands
1955	5	11–25–56.8	29.49N	128.52E	27	5.9	5.8	5.6	5.3	5.2	1.7	87	琉球群岛
	5	19											Ryukyu Islands
1956	5	13–03–38.6	29.54N	128.59E	32	5.2		5.2	5.6	5.2	1.5	21	中国东海
	5	21											East China Sea
1957	5	14–39–45.5	7.17N	121.80E	32	4.4				4.8	1.1	49	棉兰老岛
	5	22											Mindanao
1958	5	18–55–24.6	30.06N	99.58E	14	3.9	3.8				2.9	18	四川省
	6	02											Sichuan Province
1959	5	19–49–01.8	52.84S	140.53E	6	5.5		5.9	5.4	5.3	1.2	53	麦阔里岛以西地区
	6	03											West of Macquarie Island
1960	5	20–49–33.5	11.71S	34.29E	7					4.9	1.9	14	马拉维
	6	04											Malawi
1961	5	20–50–50.1	40.73N	122.65E	20		3.0				1.4	7	中国东北部
	6	04											North–Eastern China
1962	6	05–08–05.8	14.33N	119.82E	25					4.6	2.4	23	菲律宾群岛地区
	6	13											Philippine Islands region
1963	6	08–41–34.7	4.17S	136.96E	31				4.4	4.9	1.2	65	西伊里安地区
	6	16											West Irian region
1964	6	09–10–42.6	35.42S	102.98W	11	5.6			5.4	5.0	1.8	28	太平洋南部
	6	17											Southern Pacific Ocean
1965	6	11–23–37.9	3.84S	125.19E	10					4.9	1.1	55	班达海
	6	19											Banda Sea

1966	6	12–16–58.7	24.07N	122.51E	31	4.7	4.6				1.2	65	台湾地区
	6	20											Taiwan region
1967	6	12–57–31.9	1.39S	67.66E	11	5.4		5.6	5.1	4.9	1.3	71	卡尔斯伯格海岭
	6	20											Carlsberg Ridge
1968	6	13–39–37.5	24.03N	122.56E	30	4.3	4.3		4.3	5.0	1.8	64	台湾地区
	6	21											Taiwan region
1969	6	14–45–50.1	0.74N	126.13E	49	5.4		5.9	5.4	5.5	1.2	84	马鲁古海峡
	6	22											Molucca Passage
1970	6	14–59–05.6	0.97N	126.05E	38					4.8	1.0	48	马鲁古海峡
	6	22											Molucca Passage
1971	6	16–04–41.2	4.64N	96.04E	28					4.6	2.3	31	苏门答腊北部
	7	00											Northern Sumatera
1972	6	17–54–17.1	24.16S	179.94W	506					4.9	0.9	19	斐济以南地区
	7	01											South of Fiji
1973	6	22–19–37.2	0.96N	126.06E	32	4.6				4.6	1.1	28	马鲁古海峡
	7	06											Molucca Passage
1974	6	23–25–28.2	0.69N	125.95E	47					4.7	1.2	27	马鲁古海峡
	7	07											Molucca Passage
1975	7	07–57–33.0	24.19N	121.51E	30	5.0	5.0	5.1			2.1	72	台湾岛
	7	15											Taiwan
1976	7	08–18–36.1	24.17N	121.50E	20	4.5	4.6				2.0	62	台湾岛
	7	16											Taiwan
1977	7	10–25–46.8	22.66S	175.97W	33				4.6	5.1	1.3	15	斐济以南地区
	7	18											South of Fiji
1978	7	13–20–35.6	18.47S	168.43E	34					4.8	1.8	19	瓦努阿图(新赫布里底)
	7	21											Vanuatu (New Hebrides)
1979	7	13–32–01.5	30.11S	177.83W	50	5.6		5.9	5.4	5.7	1.2	85	克马德克群岛
	7	21											Kermadec Islands
1980	7	13–58–09.4	0.95N	126.01E	50					4.8	1.4	38	马鲁古海峡
	7	21											Molucca Passage
1981	7	14–52–28.2	33.37N	138.82E	4						2.8	20	本州以南地区
	7	22											South of Honshu
1982	7	18–10–57.0	9.44N	93.22E	74					4.3	0.9	26	尼科巴群岛地区
	8	02											Nicobar Islands region
1983	7	19–29–34.7	23.92N	122.62E	7	3.9	4.0			4.4	1.8	39	台湾地区
	8	03											Taiwan region
1984	7	20–02–05.4	23.89S	179.75W	499					5.1	1.2	31	斐济以南地区
	8	04											South of Fiji
1985	7	21–11–02.9	29.57N	102.05E	1		3.2				4.1	9	四川省
	8	05											Sichuan Province
1986	7	23–17–59.8	55.28N	162.75E	33	5.0			4.2	4.8	1.4	30	堪察加东海岸近海
	8	07											Near east coast of Kamchatka
1987	8	03–05–34.3	5.91N	125.63E	170					5.1	1.2	40	棉兰老岛
	8	11											Mindanao
1988	8	03–11–01.1	5.57S	103.25E	30	4.7		5.7		5.0	1.8	38	苏门答腊西南以远地区
	8	11											South–west of Sumatera
1989	8	06–15–05.1	52.94S	9.91E	10	5.7			5.6	5.3	1.8	31	非洲西南以远地区
	8	14											South–west of Africa
1990	8	08–25–39.2	30.05S	177.86W	47				5.2	5.3	1.4	34	克马德克群岛
	8	16											Kermadec Islands
1991	8	13–46–19.5	19.72S	177.54W	363					5.0	0.9	44	斐济地区
	8	21											Fiji region

International Seismological Centre

1992	8	20–12–16.6	43.34N	46.44E	31					4.7	2.4	17	高加索东部 Eastern Caucasus
	9	04											
1993	8	21–07–13.7	29.88N	106.93E	9	4.0	3.9				1.8	27	四川省 Sichuan Province
	9	05											
1994	8	21–09–36.6	29.85N	106.72E	16	4.0	3.8				3.0	10	四川省 Sichuan Province
	9	05											
1995	9	01–40–36.6	2.48N	79.88W	18				5.0	6.0	1.9	85	厄瓜多尔海岸远海 Off coast of Ecuador
	9	09											
1996	9	10–38–06.1	51.44N	175.92W	32	5.4		5.9	5.2	5.3	1.2	92	安德烈亚诺夫群岛 Andreanof Islands
	9	18											
1997	9	13–35–07.8	43.70N	148.36E	33					4.8	1.6	9	千岛群岛 Kurile Islands
	9	21											
1998	9	14–06–02.7	38.14N	73.79E	145					4.7	1.9	12	塔吉克 Tadzhikistan
	9	22											
1999	9	19–18–52.9	17.47S	167.28E	8					4.6	2.1	13	瓦努阿图(新赫布里底) Vanuatu (New Hebrides)
	10	03											
2000	9	19–19–48.2	42.69N	83.99E	25	3.8					3.0	9	新疆自治区北部 Northern Xinjiang Province
	10	03											
2001	9	20–42–55.9	36.87N	24.29W	8					4.3	1.3	9	亚速尔群岛地区 Azores region
	10	04											
2002	9	21–25–02.8	42.64N	113.17E	10	3.0					1.2	5	中国东北部 North–Eastern China
	10	05											
2003	10	08–06–18.8	37.03N	114.77E	17	3.2					3.3	8	中国东部 Eastern China
	10	16											
2004	10	13–35–09.3	43.72N	148.26E	45					4.8	1.2	17	千岛群岛 Kurile Islands
	10	21											
2005	10	08–06–18.8	37.03N	114.77E	16	3.1					3.3	8	中国东部 Eastern China
	10	16											
2006	10	13–35–09.3	43.72N	148.26E	45					4.8	1.2	17	千岛群岛 Kurile Islands
	10	21											
2007	10	14–06–02.2	38.18N	73.85E	145					4.7	1.8	34	塔吉克 Tadzhikistan
	10	22											
2008	10	19–18–52.6	17.38S	167.32E	11					4.6	1.9	21	瓦努阿图(新赫布里底) Vanuatu (New Hebrides)
	11	03											
2009	10	20–42–56.0	36.87N	24.29W	8					4.3	1.1	11	亚速尔群岛地区 Azores region
	11	04											
2010	10	21–44–41.9	36.37N	81.03E	19	4.8					2.6	14	克什米尔——西藏边境地区 Kashmir–Tibet border region
	11	05											
2011	11	05–00–38.9	32.10N	111.48E	13	3.1					4.7	6	中国东部 Eastern China
	11	13											
2012	11	06–29–57.4	29.98N	99.41E	16	3.5					3.1	8	西藏自治区 Tibet
	11	14											
2013	11	08–25–53.7	14.98S	174.55W	167					5.0	2.3	11	汤加 Tonga
	11	16											
2014	11	13–50–26.1	40.69N	71.92E	33	4.1	4.2				1.9	9	塔吉克 Tadzhikistan
	11	21											
2015	11	15–10–45.5	0.99N	126.11E	33					4.8	0.9	40	马鲁古海峡 Molucca Passage
	11	23											
2016	11	17–36–32.5	18.99N	145.71E	238					4.9	2.5	13	马里亚纳群岛 Marianas
	12	01											
2017	11	18–19–58.0	17.33S	171.51W	36					4.9	2.8	15	汤加地区 Tonga region
	12	02											

International Seismological Centre

2018	11	21–27–00.8	51.99N	170.69W	31			4.5	4.6	0.9	45	福克斯群岛
	12	05										Fox Islands
2019	12	06–52–59.2	31.87N	138.07E	390				4.6	0.8	38	本州以南地区
	12	14										South of Honshu
2020	12	08–54–28.6	9.28S	110.79E	36	5.3			4.8	1.4	37	爪哇以南地区
	12	16										South of Java
2021	12	08–55–56.5	9.13S	110.51E	33	5.3	5.7	5.3	5.1	1.4	69	爪哇以南地区
	12	16										South of Java
2022	12	11–52–24.8	0.21N	98.77E	62		5.6		4.3	0.9	34	苏门答腊南部
	12	19										Southern Sumatera
2023	12	15–11–15.2	32.43N	93.13E	13	4.1				2.7	14	西藏自治区
	12	23										Tibet
2024	12	15–29–15.2	8.98S	110.55E	47	5.2		5.1	5.1	1.5	73	爪哇以南地区
	12	23										South of Java
2025	12	16–06–20.4	3.45S	149.55E	33			4.4	4.9	1.4	19	俾斯麦海
	13	00										Bismarck Sea
2026	12	17–24–05.3	8.91S	110.50E	93			4.5	4.9	1.1	61	爪哇以南地区
	13	01										South of Java
2027	12	22–14–20.1	41.58N	81.43E	18	3.7				2.5	10	新疆自治区南部
	13	06										Southern Xinjiang Province
2028	12	23–58–01.7	15.40N	119.94E	31	4.0		3.9	4.8	1.6	59	吕宋岛
	13	07										Luzon
2029	13	03–31–35.9	18.88S	174.78W	124		5.9			1.1	72	汤加
	13	11										Tonga
2030	13	05–42–43.1	24.73N	97.55E	5	3.7				4.7	8	缅甸——中国边境地区
	13	13										Burma–China border region
2031	13	06–48–27.4	6.13S	130.20E	133				5.0	0.8	13	班达海
	13	14										Banda Sea
2032	13	07–01–30.9	37.32N	54.12E	33	4.8	5.4		5.1	1.3	48	伊朗
	13	15										Iran
2033	13	07–06–44.9	29.96N	99.21E	15	3.0				4.3	7	西藏自治区
	13	15										Tibet
2034	13	10–05–04.8	26.25N	103.10E	5	3.2				3.9	7	云南省
	13	18										Yunnan Province
2035	13	10–11–30.2	40.65N	79.33E	15	4.0				2.6	13	新疆自治区南部
	13	18										Southern Xinjiang Province
2036	13	11–40–48.0	35.33S	17.91W	4	6.4	6.0	6.2	5.6	2.5	71	南大西洋海岭
	13	19										South Atlantic Ridge
2037	13	14–27–58.0	39.00N	103.30E	5	3.7				2.3	11	甘肃省
	13	22										Gansu Province
2038	13	14–33–38.9	5.94S	153.23E	66				4.4	1.4	27	新不列颠地区
	13	22										New Britain region
2039	13	21–53–58.1	45.79N	11.21E	10				4.6	2.0	20	意大利北部
	14	05										Northern Italy
2040	14	02–19–28.4	51.65N	175.32W	66				4.7	0.9	28	安德烈亚诺夫群岛
	14	10										Andreanof Islands
2041	14	04–31–41.9	13.66N	124.84E	37	4.7			4.9	1.6	35	吕宋岛
	14	12										Luzon
2042	14	04–42–39.6	26.24S	71.63W	18			5.2	5.3	2.4	24	智利北部海岸远海
	14	12										Off coast of Northern Chile
2043	14	04–48–21.7	28.07S	178.48W	275				4.9	1.0	22	克马德克群岛地区
	14	12										Kermadec Islands region

International Seismological Centre

2044	14	09-23-56.6	22.44S	179.30E	545				4.8	0.9	13	斐济以南地区
	14	17										South of Fiji
2045	14	19-10-25.5	1.65N	127.45E	102			6.3	6.0	1.1	117	马鲁古海峡
	15	03										Molucca Passage
2046	14	21-46-31.9	38.63N	103.27E	9		3.2			5.0	6	322
	15	05										Gansu Province
2047	15	00-09-11.2	30.07N	99.60E	17	3.9	3.7			2.7	17	四川省
	15	08										Sichuan Province
2048	15	06-23-23.3	51.44N	150.87E	534			9.0		1.1	41	千岛群岛西北以远地区
	15	14										North-west of Kurile Islands
2049	15	08-49-54.5	19.28S	175.70W	142				5.5	1.3	51	斐济地区
	15	16										Fiji region
2050	15	09-30-26.1	7.26S	156.37E	37				4.8	0.9	54	所罗门群岛
	15	17										Solomon Islands
2051	15	09-48-08.3	51.70N	173.40W	32	5.4		5.6	5.1	5.4	0.8	97 安德烈亚诺夫群岛
	15	17										Andreanof Islands
2052	15	09-59-01.8	51.78N	173.40W	30				4.9	4.8	0.7	44 安德烈亚诺夫群岛
	15	17										Andreanof Islands
2053	15	10-44-02.2	51.79N	173.39W	45					4.7	0.8	22 安德烈亚诺夫群岛
	15	18										Andreanof Islands
2054	15	14-19-24.0	10.01N	126.05E	33					4.8	1.1	35 棉兰老岛
	15	22										Mindanao
2055	15	14-49-49.0	5.10S	102.55E	33				4.5	4.7	1.2	46 苏门答腊南部
	15	22										Southern Sumatera
2056	15	15-36-36.6	9.88N	126.30E	30	4.8		5.2	4.4	5.1	1.4	69 棉兰老岛
	15	23										Mindanao
2057	15	16-31-26.6	0.93N	125.88E	33	4.9				5.0	1.5	42 266
	16	00										Molucca Passage
2058	15	16-40-24.2	2.95S	134.87E	32	5.1		5.8	5.0	5.5	0.8	91 西伊里安地区
	16	00										West Irian region
2059	15	18-34-11.9	53.31N	159.58E	50	4.8		5.7		5.6	1.2	82 堪察加东海岸远海
	16	02										Off east coast of Kamchatka
2060	15	18-57-43.5	7.41S	156.42E	59					4.6	1.5	37 所罗门群岛
	16	02										Solomon Islands
2061	15	21-12-44.5	6.70N	122.61E	33	4.5			4.0	4.5	1.7	32 棉兰老岛
	16	05										Mindanao
2062	15	21-32-19.5	7.11S	155.73E	89					4.4	1.0	28 所罗门群岛
	16	05										Solomon Islands
2063	16	02-05-08.7	40.39N	51.54E	55	6.8		6.4		6.4	1.1	101 里海
	16	10										Caspian Sea
2064	16	04-03-03.4	32.17S	14.45W	7	5.8			5.8	5.7	2.0	48 南大西洋海岭
	16	12										South Atlantic Ridge
2065	16	04-09-00.9	29.50N	104.23E	5		3.0				3.2	10 四川省
	16	12										Sichuan Province
2066	16	05-49-25.5	12.56S	66.35E	9	5.1				5.0	1.3	24 中印度洋海丘
	16	13										Mid-Indian Rise
2067	16	07-27-11.4	2.24N	125.49E	33	4.8			5.0	5.1	1.9	41 米那哈沙半岛(西里伯斯)
	16	15										Minahassa Peninsula (Celebes)
2068	16	08-03-05.1	35.54N	140.43E	92					4.8	2.3	16 230
	16	16										Near south coast of Honshu
2069	16	09-57-56.9	10.71N	140.95E	32				4.1	4.9	1.4	30 加罗林群岛西部
	16	17										Western Caroline Islands

2070	16	11–53–56.0	17.78S	176.46W	36				4.7	1.4	23	斐济地区	
	16	19										Fiji region	
2071	16	16–13–29.4	30.15N	99.58E	16	4.3	4.0			2.4	37	四川省	
	17	00										Sichuan Province	
2072	16	17–59–01.3	30.15N	99.50E	16	4.1	3.6		4.7	2.2	42	四川省	
	17	01										Sichuan Province	
2073	16	20–43–37.7	4.56N	126.83E	62	4.5		4.4	4.8	2.0	25	塔劳群岛	
	17	04										Talaud Islands	
2074	16	22–51–58.5	51.91N	167.36W	30				4.9	1.2	32	福克斯群岛	
	17	06										Fox Islands	
2075	16	23–20–52.8	16.61N	93.58W	102				6.0	1.2	57	墨西哥瓦哈卡州	
	17	07										Oaxaca, Mexico	
2076	17	00–17–50.7	36.56N	71.09E	216				4.4	1.8	25	兴都库什地区	
	17	08										Hindu Kush region	
2077	17	00–53–38.3	40.36N	51.71E	40	6.4		6.4	6.1	1.1	102	里海	
	17	08										Caspian Sea	
2078	17	01–21–28.5	40.33N	51.70E	52				5.0	0.9	43	里海	
	17	09										Caspian Sea	
2079	17	07–31–37.1	31.83N	91.15E	16					2.8	5	西藏自治区	
	17	15										Tibet	
2080	17	09–39–04.7	40.33N	51.64E	34	5.0			5.1	1.4	42	里海	
	17	17										Caspian Sea	
2081	17	11–08–44.4	29.95N	99.40E	7		3.3			5.0	7	西藏自治区	
	17	19										Tibet	
2082	17	12–01–30.4	79.15N	2.25E	10				4.9	1.3	30	格陵兰海	
	17	20										Greenland Sea	
2083	17	18–51–05.3	38.67N	99.43E	5		3.4			3.1	6	青海省	
	18	02										Qinghai Province	
2084	18	04–53–14.8	21.89N	112.43E	14	4.2	4.7	5.5		2.8	27	中国东部	
	18	12										Eastern China	
2085	18	07–43–06.0	1.04N	126.12E	23	4.9		5.7	4.7	4.9	1.8	71	马鲁古海峡
	18	15										Molucca Passage	
2086	18	09–12–49.8	51.94N	173.29W	32					4.7	1.3	34	安德烈亚诺夫群岛
	18	17										Andreanof Islands	
2087	18	10–41–29.1	23.40N	121.77E	33		4.0			4.0	1.9	22	台湾地区
	18	18										Taiwan region	
2088	18	18–04–36.6	6.06S	104.72E	102					4.7	1.3	19	巽他海峡
	19	02										Sunda Strait	
2089	18	21–16–25.5	66.78N	135.73W	13				4.8	5.1	1.4	33	育空地区北部
	19	05										Northern Yukon Territory	
2090	18	21–37–38.6	13.73N	147.89E	37				4.8	5.1	1.1	50	马里亚纳群岛以南地区
	19	05										South of the Marianas	
2091	18	21–42–47.3	37.07N	137.04E	275			5.1		5.0	1.3	91	本州西海岸近海
	19	05										Near west coast of Honshu	
2092	19	04–08–57.7	4.14S	129.05E	161					5.0	1.2	43	班达海
	19	12										Banda Sea	
2093	19	09–45–21.6	36.54N	78.19E	5	4.0	4.2			2.7	13	克什米尔——新疆边境地区	
	19	17										Kashmir–Xinjiang border region	
2094	19	13–54–26.8	23.28N	121.22E	24	3.8	3.9			3.7	2.3	20	台湾岛
	19	21										Taiwan	
2095	19	16–47–33.9	5.38S	153.84E	51	5.4		5.9		5.4	1.2	90	新爱尔兰地区
	20	00										New Ireland region	

International Seismological Centre

2096	19	17–07–42.4	26.71N	92.70E	36	4.6	4.4			4.6	2.2	53	印度东部	
	20	01											Eastern India	
2097	19	17–39–27.1	25.84N	99.84E	20	4.5	4.3			4.5	2.5	45	云南省	
	20	01											Yunnan Province	
2098	19	17–46–57.4	25.63N	99.98E	2		4.0				3.9	7	云南省	
	20	01											Yunnan Province	
2099	19	20–29–36.0	25.82N	99.79E	4		3.5				3.2	8	云南省	
	20	04											Yunnan Province	
2100	19	23–39–20.9	30.08N	99.12E	9		3.3				2.2	6	西藏自治区	
	20	07											Tibet	
2101	20	00–26–13.4	25.47N	103.21E	15	5.0	4.8	5.4			2.1	78	云南省	
	20	08											Yunnan Province	
2102	20	04–59–45.6	13.64N	120.94E	158					5.0	1.1	74	民都洛岛	
	20	12											Mindoro	
2103	20	13–19–30.9	51.36N	178.74E	32	5.9		6.3	5.8	5.5	1.0	100	拉特群岛	
	20	21											Rat Islands	
2104	20	16–12–21.1	39.01N	105.11E	15		3.7				3.2	13	中国北部	
	21	00											Northern China	
2105	20	16–20–07.4	53.44N	170.23E	31	5.3				4.7	1.5	19	阿留申群岛地区	
	21	00											Aleutian Islands region	
2106	20	16–21–57.5	39.16N	97.18E	13	4.9	4.4				2.2	56	青海省	
	21	00											Qinghai Province	
2107	20	23–28–12.9	6.13S	128.08E	366					4.9	0.9	44	班达海	
	21	07											Banda Sea	
2108	21	00–30–35.4	36.75N	141.41E	38	4.3				4.9	2.5	35	本州东海岸近海	
	21	08											Near east coast of Honshu	
2109	21	04–16–01.4	7.29S	125.67E	32					4.6	1.5	24	班达海	
	21	12											Banda Sea	
2110	21	09–41–37.8	38.32N	74.05E	162					5.0	1.5	16	塔吉克	
	21	17											Tadzhikistan	
2111	21	11–37–37.1	12.18N	143.49E	29					4.7	2.9	12	马里亚纳群岛以南地区	
	21	19											South of the Marianas	
2112	21	13–22–33.3	6.31S	129.86E	164					4.8	1.0	47	班达海	
	21	21											Banda Sea	
2113	21	16–29–02.1	39.91N	118.98E	15		2.9				2.7	8	中国东北部	
	22	00											North–Eastern China	
2114	21	16–46–34.6	10.01S	161.10E	122					5.2	0.9	63	所罗门群岛	
	22	00											Solomon Islands	
2115	21	17–41–17.9	40.62N	124.45W	5				4.7	4.8	2.5	25	加利福尼亚北部海岸近海	
	22	01											Near coast of Northern California	
2116	22	02–25–50.4	31.58N	102.51E	12	6.5	5.3	6.5			2.0	85	四川省	
	22	10											Sichuan Province	
2117	22	13–15–02.6	39.32N	97.62E	5	3.8	4.1				2.8	10	青海省	
	22	21											Qinghai Province	
2118	22	20–21–08.1	40.36N	51.55E	52	4.7				4.9	0.8	61	里海	
	23	04											Caspian Sea	
2119	22	21–23–55.0	5.34S	129.70E	235					4.9	1.3	35	班达海	
	23	05											Banda Sea	
2120	23	14–50–34.0	34.28N	121.67E	13		3.2				2.4	7	黄海	
	23	22											Yellow Sea	
2121	23	15–31–14.7	39.60N	29.93W	7				4.9	5.1	1.2	27	亚速尔群岛	
	23	23											Azores	

2122	23	17–51–37.5	22.71N	121.98E	22	5.4	5.4	5.5			1.6	73	台湾地区	
	24	01											Taiwan region	
2123	23	17–54–44.6	29.84N	98.97E	15	4.8	3.1				3.5	8	西藏自治区	
	24	01											Tibet	
2124	23	18–37–25.0	7.01S	155.60E	73					4.5	1.1	31	所罗门群岛	
	24	02											Solomon Islands	
2125	23	22–37–45.8	33.11N	140.84E	74					5.0	1.9	36	本州以南地区	
	24	06											South of Honshu	
2126	24	02–00–52.9	2.85N	128.36E	38				4.4	5.1	1.2	54	马鲁古海峡	
	24	10											Molucca Passage	
2127	24	10–04–51.3	24.78N	124.43E	7		3.8			4.8	2.8	35	琉球群岛西南部	
	24	18											South–western Ryukyu Islands	
2128	24	10–55–20.6	20.60N	94.91E	141			5.5		5.3	1.1	91	缅甸	
	24	18											Burma	
2129	24	17–18–43.1	33.29N	134.87E	31	4.7		5.3	4.5	5.0	1.2	69	四国岛	
	25	01											Shikoku	
2130	25	01–55–41.5	17.99N	145.63E	333					4.1	1.1	15	马里亚纳群岛	
	25	09											Marianas	
2131	25	02–32–29.9	2.96S	134.76E	29					4.0	0.8	30	西伊里安地区	
	25	10											West Irian region	
2132	25	07–35–46.0	36.80N	21.57E	53					4.2	1.1	24	希腊南部	
	25	15											Southern Greece	
2133	25	14–17–49.7	20.33S	169.40E	64	6.1		6.5	6.3	6.1	1.1	104	洛亚尔提群岛	
	25	22											Loyalty Islands	
2134	26	00–18–48.7	76.21N	134.51E	10	4.7				4.5	1.6	17	拉普帖夫海	
	26	08											Laptev Sea	
2135	26	02–24–12.6	31.19S	178.33W	37					5.4	1.3	14	克马德克群岛地区	
	26	10											Kermadec Islands region	
2136	26	05–53–11.9	23.74S	179.89W	540					4.8	1.2	19	斐济以南地区	
	26	13											South of Fiji	
2137	26	09–59–18.4	13.06N	95.16E	9	4.9				4.9	2.2	55	安达曼群岛地区	
	26	17											Andaman Islands region	
2138	26	21–24–56.4	49.98S	114.10E	10	5.2			5.2	5.2	1.0	39	东南印度洋海岭	
	27	05											South–East Indian Ridge	
2139	26	22–44–13.1	49.99S	113.96E	9	5.1			5.2	4.6	1.7	20	东南印度洋海岭	
	27	06											South–East Indian Ridge	
2140	27	04–27–22.1	29.12N	130.62E	58	4.6		5.4	4.1	5.0	1.6	59	琉球群岛	
	27	12											Ryukyu Islands	
2141	27	15–46–45.5	42.74N	83.93E	14		3.7				3.3	9	新疆自治区北部	
	27	23											Northern Xinjiang Province	
2142	27	18–37–52.9	22.39N	102.29E	8	4.3	4.5				2.6	17	缅甸——中国边境地区	
	28	02											Burma–China border region	
2143	27	18–39–31.5	29.80N	131.99E	53	3.9			4.0	4.1	2.8	21	琉球群岛地区	
	28	02											Ryukyu Islands region	
2144	27	21–09–26.7	27.92N	101.24E	14		3.5				2.9	11	云南省	
	28	05											Yunnan Province	
2145	28	21–43–12.8	20.30N	98.98E	33	4.6	5.2			4.1	2.0	22	印度支那半岛	
	29	05											Indo–Pacific Peninsula	
2146	28	21–52–17.0	20.37N	98.88E	8	6.3		5.9	5.7	5.4	1.6	100	印度支那半岛	
	29	05											Indo–Pacific Peninsula	
2147	28	22–50–13.5	20.29N	98.78E	36	4.7	5.3			4.3	2.5	42	印度支那半岛	
	29	06											Indo–Pacific Peninsula	

International Seismological Centre

2148	28	23–19–00.6	39.27N	112.37E	16		3.2				4.2	9	中国东北部 North–Eastern China
	29	07											
2149	29	04–33–36.9	20.20N	98.73E	33	4.2	4.7				3.3	13	印度支那半岛 Indo–Pacific Peninsula
	29	12											
2150	29	13–40–18.4	36.81N	82.97E	8		4.4				2.3	13	新疆自治区南部 Southern Xinjiang Province
	29	21											
2151	29	17–10–11.8	28.74N	104.88E	5		3.5				3.4	10	四川省 Sichuan Province
	30	01											
2152	29	19–24–46.9	15.88S	97.99E	38	5.0		5.4	4.8	5.4	0.9	69	南印度洋 South Indian Ocean
	30	03											
2153	30	01–06–55.1	42.13N	84.70E	22		3.5				3.4	7	新疆自治区南部 Southern Xinjiang Province
	30	09											
2154	30	04–16–44.8	6.14S	150.13E	58	5.1		5.6	4.9	5.1	1.5	40	新不列颠地区 New Britain region
	30	12											
2155	30	07–43–38.7	1.88S	102.19E	205			5.0		4.9	1.0	30	苏门答腊南部 Southern Sumatera
	30	15											
2156	30	08–40–21.6	20.29N	98.84E	23	5.3	5.5	5.4	4.6	4.9	1.6	78	印度支那半岛 Indo–Pacific Peninsula
	30	16											
2157	30	14–53–31.5	34.42N	23.60E	65				3.9	4.4	1.4	49	地中海 Mediterranean Sea
	30	22											
2158	30	17–32–19.1	13.77N	125.57E	33	4.5			4.1	4.9	1.1	48	菲律宾群岛地区 Philippine Islands region
	1	01											
2159	30	18–19–23.0	20.25N	98.86E	12	6.1		5.6	5.6	5.3	1.6	90	印度支那半岛 Indo–Pacific Peninsula
	1	02											
2160	30	21–04–03.9	44.82N	150.53E	28					4.1	1.1	19	千岛群岛地区 Kurile Islands region
	1	05											
	October	1989											
2161	1	02–59–05.7	30.99N	51.35E	42	4.8		5.3	4.7	5.2	0.9	68	伊朗 Iran
	1	10											
2162	1	03–16–54.1	6.61S	130.14E	156					5.3	1.3	53	班达海 Banda Sea
	1	11											
2163	1	09–10–27.0	34.84N	101.46E	15	3.6	3.7				3.4	16	青海省 Qinghai Province
	1	17											
2164	1	12–50–46.2	25.15N	122.25E	205					4.2	1.3	24	台湾岛 Taiwan
	1	20											
2165	1	15–15–46.7	6.38S	148.77E	92					4.8	1.6	24	新不列颠地区 New Britain region
	1	23											
2166	1	19–14–32.2	7.48S	154.83E	40	5.6				5.2	1.2	62	所罗门群岛 Solomon Islands
	2	03											
2167	1	19–24–32.9	30.98N	131.58E	65	4.6			5.0	5.0	1.4	68	九州岛 Kyushu
	2	03											
2168	2	07–55–40.2	10.53N	126.96E	25	4.9		5.4	4.5	5.4	1.1	84	菲律宾群岛地区 Philippine Islands region
	2	15											
2169	2	12–19–17.9	52.63N	169.29W	32					4.8	1.8	22	福克斯群岛 Fox Islands
	2	20											
2170	2	22–10–15.8	47.32N	156.14E	27	4.3				5.0	1.4	71	千岛群岛地区 Kurile Islands region
	3	06											
2171	3	15–21–44.0	5.54S	147.52E	184					5.3	0.7	73	新几内亚东部地区 Eastern New Guinea region
	3	23											
2172	3	21–33–36.8	24.25S	66.81W	173					5.4	1.3	61	智利——阿根廷边境地区 Chile–Argentina border region
	4	05											

International Seismological Centre

2173	3	23–09–52.7	80.66N	121.74E	31	5.5		5.4	4.9	5.2	1.2	84	北地群岛以东地区
	4	07											East of Severnaya Zemlya
2174	4	06–46–13.5	23.71S	179.99E	525					5.0	1.4	19	斐济以南地区
	4	14											South of Fiji
2175	4	08–52–51.1	38.38N	104.87E	13		3.7				3.1	14	中国北部
	4	16											Northern China
2176	4	11–30–01.8	49.94N	78.26E	34		4.6			4.6	2.1	27	哈萨克东部
	4	19											Eastern Kazakhstan
2177	4	12–17–37.8	47.08N	153.82E	28	4.8		4.9	5.0	5.5	1.2	89	千岛群岛
	4	20											Kurile Islands
2178	4	15–34–54.1	0.93S	126.75E	33				4.8		1.3	33	马鲁古海
	4	23											Molucca Sea
2179	4	22–42–28.3	36.72N	82.95E	10		4.6				2.2	17	新疆自治区南部
	5	06											Southern Xinjiang Province
2180	5	02–45–58.6	39.63N	118.29E	4		3.5				2.3	22	中国东北部
	5	10											North–Eastern China
2181	5	03–55–37.2	39.53N	118.36E	12		3.9				2.1	29	中国东北部
	5	11											North–Eastern China
2182	5	08–11–45.2	27.32N	126.54E	195			5.2		5.1	1.3	84	琉球群岛
	5	16											Ryukyu Islands
2183	5	08–35–12.6	29.83N	99.12E	5		3.3				4.3	7	西藏自治区
	5	16											Tibet
2184	5	14–47–07.8	29.29N	67.27E	30	4.8			4.1	4.6	1.8	40	巴基斯坦
	5	22											Pakistan
2185	5	18–09–26.3	9.52S	119.11E	87					4.8	1.8	31	松巴哇以南地区
	6	02											South of Sumbawa
2186	5	23–09–20.2	25.61S	179.50E	509					5.1	1.2	53	斐济以南地区
	6	07											South of Fiji
2187	5	23–54–58.8	38.21N	119.41E	12		3.6				1.9	21	中国东北部
	6	07											North–Eastern China
2188	6	03–40–43.2	36.90N	141.61E	47	4.3			4.3	4.2	2.0	31	本州东海岸近海
	6	11											Near east coast of Honshu
2189	6	23–07–11.3	43.99N	148.32E	42					5.0	1.2	45	千岛群岛
	7	07											Kurile Islands
2190	7	00–01–25.8	3.16N	127.63E	92					4.9	1.1	32	马鲁古海峡
	7	08											Molucca Passage
2191	7	01–25–02.9	78.74N	4.16E	9	5.2		5.6	4.1	5.0	1.7	42	格陵兰海
	7	09											Greenland Sea
2192	7	03–15–17.2	33.57N	94.84E	15	3.7	4.6				3.5	17	青海省
	7	11											Qinghai Province
2193	7	06–55–41.3	20.11S	169.16E	47	5.8		6.1	5.7	5.5	1.1	95	洛亚尔提群岛
	7	14											Loyalty Islands
2194	7	13–21–05.3	12.19N	125.66E	57	5.0		5.2	4.6	5.2	1.1	68	萨马岛
	7	21											Samar
2195	7	15–48–27.8	51.39N	179.07W	18	6.8		6.8	6.7	6.1	0.9	115	安德烈亚诺夫群岛
	7	23											Andreanof Islands
2196	7	16–42–29.8	51.29N	179.30W	32	6.4		6.0	5.9	5.7	0.9	94	安德烈亚诺夫群岛
	8	00											Andreanof Islands
2197	7	16–49–47.7	51.48N	179.31W	36					5.0	0.8	22	安德烈亚诺夫群岛
	8	00											Andreanof Islands
2198	7	16–53–58.7	51.17N	179.25W	33					5.2	1.0	47	安德烈亚诺夫群岛
	8	00											Andreanof Islands

International Seismological Centre

2199	7 8 01	17–04–16.7	51.15N	179.36W	33				4.8	1.0	36	安德烈亚诺夫群岛 Andreanof Islands
2200	7 8 01	17–19–11.8	51.17N	179.25W	32				4.6	1.0	25	安德烈亚诺夫群岛 Andreanof Islands
2201	7 8 01	17–42–35.1	51.19N	179.28W	30	5.8	5.9	5.7	5.6	0.8	69	安德烈亚诺夫群岛 Andreanof Islands
2202	7 8 01	17–52–45.8	51.07N	179.22W	33	5.8		5.6	5.5	1.1	86	安德烈亚诺夫群岛 Andreanof Islands
2203	7 8 02	18–01–19.8	51.20N	179.32W	62				4.8	1.2	26	安德烈亚诺夫群岛 Andreanof Islands
2204	7 8 02	18–04–37.3	51.14N	179.21W	33	5.9			4.9	0.8	43	安德烈亚诺夫群岛 Andreanof Islands
2205	7 8 02	18–50–39.8	51.17N	179.30W	33	5.6	6.1	5.3	5.5	0.8	86	安德烈亚诺夫群岛 Andreanof Islands
2206	7 8 02	18–55–49.2	51.17N	179.38W	33				5.1	1.1	29	安德烈亚诺夫群岛 Andreanof Islands
2207	7 8 02	18–59–45.3	36.63N	82.80E	10	5.3				1.8	18	新疆自治区南部 Southern Xinjiang Province
2208	7 8 03	19–06–34.0	51.28N	179.47W	33				4.9	1.0	50	安德烈亚诺夫群岛 Andreanof Islands
2209	7 8 04	20–15–20.0	51.17N	179.39W	33		4.8	4.6	1.2	38	7	Andreanof Islands
2210	8 8 11	03–05–31.4	51.28N	179.22W	32				4.9	1.2	33	安德烈亚诺夫群岛 Andreanof Islands
2211	8 8 18	10–59–31.1	36.98N	82.73E	5	3.6				3.1	8	新疆自治区南部 Southern Xinjiang Province
2212	8 8 19	11–06–31.8	27.55N	102.90E	6		3.4			3.1	15	四川省 Sichuan Province
2213	8 8 20	12–50–19.5	22.49N	123.39E	18	4.6	4.1		4.3	1.6	56	台湾地区 Taiwan region
2214	8 8 23	15–49–30.7	36.56N	82.74E	12	4.9	5.5	5.4		1.8	60	新疆自治区南部 Southern Xinjiang Province
2215	8 9 03	19–56–30.1	2.39N	126.61E	86				4.8	1.1	30	马鲁古海峡 Molucca Passage
2216	9 9 09	01–38–02.1	1.51N	127.13E	60				3.8	2.0	30	马鲁古海峡 Molucca Passage
2217	9 9 16	08–10–19.7	20.93S	179.21W	652				4.9	0.8	24	斐济地区 Fiji region
2218	9 9 17	09–41–11.7	67.00N	156.56W	5				5.0	1.0	44	阿拉斯加 Alaska
2219	9 9 18	10–03–17.8	4.28S	77.15W	5			5.1	5.4	2.9	31	秘鲁北部 Northern Peru
2220	9 9 18	10–40–39.2	31.25N	130.49E	177				4.8	1.2	68	235 Kyushu
2221	9 9 23	15–56–29.2	13.21N	51.37E	26			5.4	4.6	1.0	44	亚丁湾东部 Eastern Gulf of Aden
2222	9 10 02	18–01–06.7	51.86N	171.84E	25	5.4	5.7	5.3	6.0	0.9	111	尼尔群岛 Near Islands
2223	9 10 04	20–39–39.3	4.10S	136.96E	30	5.4		4.5	5.2	0.9	83	西伊里安地区 West Irian region
2224	10 10 12	04–10–50.0	28.10N	87.52E	9	4.3				2.3	30	尼泊尔 Nepal

2225	10	06-28-22.3	35.59N	140.20E	77				5.0	1.8	50	本州南海岸近海	
	10	14										Near south coast of Honshu	
2226	10	06-45-37.5	9.08S	113.10E	48			4.2	5.2	1.5	76	爪哇以南地区	
	10	14										South of Java	
2227	10	18-57-28.7	37.25N	114.99E	17		3.6			3.0	23	中国东部	
	11	02										Eastern China	
2228	11	00-52-21.8	44.82N	79.35E	5		4.2			3.1	8	哈萨克东部	
	11	08										Eastern Kazakhstan	
2229	11	03-48-33.8	6.14S	154.41E	73				4.4	2.0	19	新不列颠地区	
	11	11										New Britain region	
2230	11	06-05-16.7	17.70S	178.82W	549				5.0	1.0	33	斐济地区	
	11	14										Fiji region	
2231	11	10-57-44.0	9.39N	126.09E	59	4.7		4.4	5.1	1.3	59	棉兰老岛	
	11	18										Mindanao	
2232	11	14-55-51.9	8.78S	160.76E	59	5.1			4.8	1.1	46	所罗门群岛	
	11	22										Solomon Islands	
2233	11	16-02-50.6	35.36N	115.37E	18		3.3			3.2	12	中国东部	
	12	00										Eastern China	
2234	11	19-06-43.5	14.24S	167.11E	240				4.7	1.4	33	瓦努阿图(新赫布里底)	
	12	03										Vanuatu (New Hebrides)	
2235	11	20-51-48.8	20.31N	98.82E	30	4.3	4.5			2.4	27	印度支那半岛	
	12	04										Indo-Pacific Peninsula	
2236	12	03-50-13.8	33.49N	94.43E	17					2.2	7	西藏自治区	
	12	11										Tibet	
2237	12	04-44-17.5	23.27N	108.15E	12		3.2			2.8	5	中国东部	
	12	12										Eastern China	
2238	12	06-39-32.0	24.05N	120.84E	28	4.5	4.3			1.7	22	台湾岛	
	12	14										Taiwan	
2239	12	07-43-45.7	3.26N	126.76E	75				4.9	1.1	52	马鲁古海峡	
	12	15										Molucca Passage	
2240	12	11-45-50.4	36.42N	142.52E	30	4.5		4.2	4.8	1.9	52	本州东海岸远海	
	12	19										Off east coast of Honshu	
2241	12	18-33-07.0	2.28S	79.47W	91				4.8	2.9	18	厄瓜多尔海岸近海	
	13	02										Near coast of Ecuador	
2242	13	06-01-27.2	29.25N	131.66E	42				4.6	1.6	33	琉球群岛地区	
	13	14										Ryukyu Islands region	
2243	13	07-06-41.4	41.88N	120.67E	15		3.1			3.6	9	中国东北部	
	13	15										North-Eastern China	
2244	13	09-59-11.5	17.59S	122.46E	10	5.0		5.7	4.5	5.4	1.3	82	西澳大利亚州
	13	17										Western Australia	
2245	13	16-07-11.8	24.82N	122.56E	56	5.2	4.6	5.0	4.6	4.5	2.3	65	台湾地区
	14	00										Taiwan region	
2246	13	16-49-37.9	32.15S	178.93W	105					5.5	1.3	44	克马德克群岛以南地区
	14	00										South of Kermadec Islands	
2247	13	17-14-18.8	10.78S	166.88E	33					4.4	0.9	26	圣克鲁斯群岛
	14	01										Santa Cruz Islands	
2248	13	19-33-17.6	51.90N	176.09E	33				4.5	4.9	1.2	63	拉特群岛
	14	03										Rat Islands	
2249	13	21-19-56.9	34.78N	139.65E	27	5.1		5.2	4.8	5.3	1.6	84	本州南海岸近海
	14	05										Near south coast of Honshu	
2250	14	02-32-02.1	24.03S	179.96W	517					5.4	0.9	37	斐济以南地区
	14	10										South of Fiji	

International Seismological Centre

2251	14 15 00	16–23–40.7	9.44S	156.61E	16			4.1	5.0	0.7	43	所罗门群岛 Solomon Islands
2252	14 15 01	17–55–04.0	9.39S	156.17E	28	5.0	5.6	4.8	5.1	1.5	68	当特尔卡斯托群岛地区 D'Entrecasteaux Islands region
2253	14 15 04	20–43–44.5	54.74N	159.45E	142				4.7	1.0	56	堪察加半岛 Kamchatka
2254	14 15 06	22–53–23.0	36.61N	142.41E	32	4.6			4.6	1.5	53	本州东海岸近海 Near east coast of Honshu
2255	14 15 07	23–10–47.8	39.49N	72.87E	33	4.6	4.9	4.2	4.9	1.4	53	塔吉克 Tadzhikistan
2256	15 15 09	01–46–19.0	45.79N	150.77E	102				4.8	1.3	52	千岛群岛 Kurile Islands
2257	15 15 14	06–57–10.0	32.25N	129.58E	4	4.7	4.7		4.7	2.0	59	九州岛 Kyushu
2258	15 15 16	08–06–16.2	55.59N	164.14E	33	5.1		5.0	4.9	1.2	86	堪察加东海岸远海 Off east coast of Kamchatka
2259	15 15 16	08–23–19.6	54.18N	170.79E	38				4.4	1.3	29	尼尔群岛 Near Islands
2260	15 15 18	10–05–04.5	60.31S	150.81E	6	5.9		5.8	5.2	1.8	25	麦阔里岛以西地区 West of Macquarie Island
2261	15 15 22	14–36–03.9	22.07N	101.68E	8	4.4	4.4			1.8	30	缅甸——中国边境地区 Burma–China border region
2262	15 16 05	21–12–03.9	19.28N	121.06E	25	4.7	4.6	4.6	5.2	1.7	92	吕宋岛 Luzon
2263	15 16 07	23–40–34.6	0.43S	82.45E	12	4.8			5.1	0.9	49	南印度洋 South Indian Ocean
2264	16 16 17	09–25–16.6	36.05N	103.70E	5	3.5	4.1			2.5	25	甘肃省 Gansu Province
2265	16 16 22	14–26–38.7	36.18N	82.87E	19		3.8			2.6	8	西藏自治区 Tibet
2266	16 16 22	14–45–36.7	22.23S	171.37E	85				5.1	1.2	50	洛亚尔提群岛地区 Loyalty Islands region
2267	16 17 02	18–13–46.0	8.03S	118.86E	33				5.0	2.2	22	松巴哇地区 Sumbawa region
2268	17 17 19	11–35–12.4	24.20N	123.44E	29	4.3	3.8		5.1	2.6	33	台湾地区 Taiwan region
2269	17 17 19	11–53–13.5	32.24N	137.99E	374				4.7	0.9	56	本州以南地区 South of Honshu
2270	17 17 20	12–06–29.3	23.97N	122.64E	23	4.1	4.1			2.2	23	台湾地区 Taiwan region
2271	17 18 00	16–27–52.5	4.03S	152.44E	25	5.9		6.0	5.8	5.6	1.3	91 新不列颠地区 New Britain region
2272	18 18 08	00–04–14.6	37.11N	121.81W	13	7.1		7.1	7.1	6.5	1.5	108 中加利福尼亚 Central California
2273	18 18 11	03–10–36.5	32.57N	93.86E	12	4.4	4.3			4.5	1.7	46 西藏自治区 Tibet
2274	18 18 13	05–36–20.8	35.91N	80.82E	15		3.9				2.7	6 克什米尔——西藏边境地区 Kashmir–Tibet border region
2275	18 18 19	11–40–50.7	10.11S	161.19E	54	5.5		6.2	5.7	6.1	0.9	109 所罗门群岛 Solomon Islands
2276	18 18 20	12–35–16.7	10.11S	161.14E	73	5.6				5.4	0.8	71 所罗门群岛 Solomon Islands

2277	18	14-57-21.6	39.94N	113.88E	10	5.7	5.3	6.3	5.3	5.1	1.7	94	中国东北部	
	18	22											North-Eastern China	
2278	18	15-15-26.8	39.83N	113.89E	4		3.7				2.3	18	中国东北部	
	18	23											North-Eastern China	
2279	18	15-19-33.9	39.81N	113.87E	13		3.8				2.3	13	中国东北部	
	18	23											North-Eastern China	
2280	18	15-29-22.6	39.90N	113.84E	15		3.6				1.5	13	中国东北部	
	18	23											North-Eastern China	
2281	18	15-30-04.6	39.75N	113.80E	8		3.9				2.4	10	中国东北部	
	18	23											North-Eastern China	
2282	18	15-41-40.0	39.88N	113.89E	9		3.6				1.6	19	中国东北部	
	18	23											North-Eastern China	
2283	18	16-19-02.3	17.91S	176.00W	220					5.4	1.5	54	斐济地区	
	19	00											Fiji region	
2284	18	16-47-28.1	39.92N	113.84E	13		3.2				1.7	7	中国东北部	
	19	00											North-Eastern China	
2285	18	16-52-56.1	39.93N	113.95E	9		4.3				2.0	33	中国东北部	
	19	00											North-Eastern China	
2286	18	16-56-27.3	7.41N	126.99E	75						1.7	18	棉兰老岛	
	19	00											Mindanao	
2287	18	17-01-34.1	39.92N	113.91E	13	5.9	5.1	6.4			1.9	101	中国东北部	
	19	01											North-Eastern China	
2288	18	17-09-46.1	39.79N	113.96E	15		4.0				1.9	6	中国东北部	
	19	01											North-Eastern China	
2289	18	17-11-21.0	39.93N	113.88E	10	4.8	4.9			4.7	2.3	43	中国东北部	
	19	01											North-Eastern China	
2290	18	17-26-26.4	39.86N	113.82E	11		4.3				1.5	31	中国东北部	
	19	01											North-Eastern China	
2291	18	17-30-11.6	51.29N	179.11E	32					4.9	1.2	33	拉特群岛	
	19	01											Rat Islands	
2292	18	17-30-18.4	39.93N	113.85E	5		3.8				2.2	13	中国东北部	
	19	01											North-Eastern China	
2293	18	18-10-36.6	39.86N	113.84E	18		3.2				1.7	8	中国东北部	
	19	02											North-Eastern China	
2294	18	18-20-46.0	39.92N	113.87E	7	5.5	5.9	6.4			1.7	79	中国东北部	
	19	02											North-Eastern China	
2295	18	18-41-24.3	2.18N	126.52E	52	4.8			4.8	5.2	1.2	57	马鲁古海峡	
	19	02											Molucca Passage	
2296	18	18-53-25.1	39.91N	113.82E	18		3.3				1.5	9	中国东北部	
	19	02											North-Eastern China	
2297	18	19-37-51.9	39.84N	113.90E	3		3.5				2.3	18	中国东北部	
	19	03											North-Eastern China	
2298	18	19-46-33.0	39.86N	113.82E	1		3.3				1.8	14	中国东北部	
	19	03											North-Eastern China	
2299	18	21-02-02.5	39.97N	113.95E	9	4.6	4.5	4.9		4.5	2.1	56	中国东北部	
	19	05											North-Eastern China	
2300	18	23-30-09.9	56.69N	152.25W	36					4.8	1.0	33	科迪亚克岛地区	
	19	07											Kodiak Island region	
2301	18	23-54-23.8	39.76N	113.84E	9		3.3				2.7	10	中国东北部	
	19	07											North-Eastern China	
2302	19	02-43-09.9	39.85N	113.86E	15		3.4				2.0	10	中国东北部	
	19	10											North-Eastern China	

International Seismological Centre

2303	19	02-57-36.8	39.87N	113.95E	5		3.3			2.0	8	中国东北部
	19	10										North-Eastern China
2304	19	03-14-37.8	39.90N	113.95E	7		3.2			2.5	8	中国东北部
	19	11										North-Eastern China
2305	19	03-59-14.8	39.76N	113.84E	18		3.3			2.8	10	中国东北部
	19	11										North-Eastern China
2306	19	04-24-43.5	39.79N	113.94E	17		3.1			3.6	8	中国东北部
	19	12										North-Eastern China
2307	19	07-51-26.1	39.86N	113.64E	15		3.3			3.2	11	中国东北部
	19	15										North-Eastern China
2308	19	09-49-58.1	49.94N	78.93E	9	5.0	5.8	6.1	4.5 6.0	1.1	100	哈萨克东部
	19	17										Eastern Kazakhstan
2309	19	10-29-03.5	39.94N	113.88E	10	4.9	5.0	5.6		2.0	66	中国东北部
	19	18										North-Eastern China
2310	19	12-32-15.3	39.84N	113.88E	9		3.8			2.3	27	中国东北部
	19	20										North-Eastern China
2311	19	12-53-05.0	39.84N	113.82E	9		3.6			1.5	14	中国东北部
	19	20										North-Eastern China
2312	19	12-58-56.9	39.72N	113.58E	1		3.2			3.9	13	中国东北部
	19	20										North-Eastern China
2313	19	14-00-00.1	39.91N	113.89E	5		3.9			2.1	25	中国东北部
	19	22										North-Eastern China
2314	19	14-28-25.3	51.67N	176.09W	50	4.9		4.8	4.9	1.1	69	安德烈亚诺夫群岛
	19	22										Andreanof Islands
2315	19	15-27-00.1	21.21S	179.15W	653				4.8	0.9	31	斐济地区
	19	23										Fiji region
2316	19	16-47-06.6	8.21N	126.71E	70	4.9			5.1	1.6	62	棉兰老岛
	20	00										Mindanao
2317	19	17-56-49.0	39.90N	113.96E	12		4.1			2.1	38	中国东北部
	20	01										North-Eastern China
2318	19	23-54-33.9	39.89N	113.87E	16		3.4			1.9	13	中国东北部
	20	07										North-Eastern China
2319	20	03-03-10.5	39.77N	113.90E	11		3.3			2.9	10	中国东北部
	20	11										North-Eastern China
2320	20	03-43-13.1	0.51N	121.42E	104				5.4	1.8	75	米那哈沙半岛(西里伯斯)
	20	11										Minahassa Peninsula (Celebes)
2321	20	04-03-29.1	12.54N	141.95E	39				5.3	1.1	48	马里亚纳群岛以南地区
	20	12										South of the Marianas
2322	20	04-53-21.5	12.55N	141.90E	40	4.9		5.7	4.8 5.1	1.1	55	马里亚纳群岛以南地区
	20	12										South of the Marianas
2323	20	06-48-00.3	41.75N	82.55E	8		3.6			2.4	8	新疆自治区南部
	20	14										Southern Xinjiang Province
2324	20	07-43-34.1	0.04S	123.16E	153				5.4	1.4	91	米那哈沙半岛(西里伯斯)
	20	15										Minahassa Peninsula (Celebes)
2325	20	07-58-58.9	51.41N	179.12W	31					5.1	1.0	55 安德烈亚诺夫群岛
	20	15										Andreanof Islands
2326	20	11-26-18.3	40.40N	51.87E	52	5.0				4.7	1.3	26 里海
	20	19										Caspian Sea
2327	20	11-41-43.0	39.86N	113.97E	7		4.1			2.3	29	中国东北部
	20	19										North-Eastern China
2328	20	11-52-21.1	38.58N	81.80E	32		4.5			2.1	14	新疆自治区南部
	20	19										Southern Xinjiang Province

2329	20	12-19-21.0	39.56N	74.13E	19		4.2				3.9	6	719	Tadzhikistan-Xinjiang border region
	20	20												
2330	20	13-32-08.0	12.76N	51.07E	33						1.3	23	亚丁湾东部	Eastern Gulf of Aden
	20	21												
2331	20	13-58-00.7	51.88N	170.51W	32	4.8		4.7	4.9		0.8	67	福克斯群岛	Fox Islands
	20	21												
2332	20	14-37-10.5	12.51N	141.96E	45	4.7			4.4		1.3	51	马里亚纳群岛以南地区	South of the Marianas
	20	22												
2333	20	15-07-32.0	12.46N	141.94E	56	4.5		4.4	4.8		1.5	46	加罗林群岛西部	Western Caroline Islands
	20	23												
2334	21	00-18-27.2	39.19N	97.21E	5		3.6				2.3	9	青海省	Qinghai Province
	21	08												
2335	21	02-04-59.1	41.77N	82.66E	17		3.7				1.6	10	新疆自治区南部	Southern Xinjiang Province
	21	10												
2336	21	02-19-50.1	28.04N	141.11E	145					5.0	1.3	57	小笠原群岛地区	Bonin Islands region
	21	10												
2337	21	03-29-34.0	5.19S	68.65E	7	5.3		5.7	5.2	5.1	1.3	71	查戈斯群岛地区	Chagos Archipelago region
	21	11												
2338	21	04-02-12.8	41.77N	82.57E	10		3.4				2.0	7	新疆自治区南部	Southern Xinjiang Province
	21	12												
2339	21	04-18-29.4	41.76N	82.52E	6		3.5				2.5	10	新疆自治区南部	Southern Xinjiang Province
	21	12												
2340	21	06-14-50.7	25.88S	179.66W	458					5.2	1.0	40	171	South of Fiji
	21	14												
2341	21	09-23-54.0	21.31S	178.96W	547					4.7	2.1	11	斐济地区	Fiji region
	21	17												
2342	21	12-44-59.5	5.42S	131.10E	32	4.9				5.3	0.8	80	班达海	Banda Sea
	21	20												
2343	21	19-14-28.8	39.84N	113.87E	12		3.3				1.8	13	中国东北部	North-Eastern China
	22	03												
2344	21	20-00-38.4	41.91N	142.57E	89					4.5	1.8	30	北海道地区	Hokkaido region
	22	04												
2345	22	05-52-17.9	12.50N	141.72E	32					4.7	1.1	25	马里亚纳群岛以南地区	South of the Marianas
	22	13												
2346	22	13-24-15.5	4.60S	153.27E	74	5.1				5.4	0.9	84	新不列颠地区	New Britain region
	22	21												
2347	22	14-11-01.1	52.47N	170.71W	32			4.4	4.9		0.9	56	福克斯群岛	Fox Islands
	22	22												
2348	22	15-12-11.5	40.43N	51.50E	54	4.7		3.7	4.6		1.3	43	里海	Caspian Sea
	22	23												
2349	22	20-35-40.4	7.32S	128.67E	154			5.5		5.4	0.9	99	班达海	Banda Sea
	23	04												
2350	22	21-21-49.4	43.46N	146.79E	61					4.5	1.3	19	北海道海岸远海	Off coast of Hokkaido
	23	05												
2351	22	21-28-52.2	20.60S	70.34W	52					4.6	2.7	12	122	Near coast of Northern Chile
	23	05												
2352	23	03-11-52.4	2.41N	125.93E	33					5.1	1.2	46	马鲁古海峡	Molucca Passage
	23	11												
2353	23	03-30-41.5	30.57S	65.07W	152					5.2	1.6	18	阿根廷科尔多瓦省	Cordoba Province, Argentina
	23	11												
2354	23	04-22-23.6	39.80N	113.86E	20		3.2				1.8	10	中国东北部	North-Eastern China
	23	12												

International Seismological Centre

2355	23 07-54-00.7	12.51N	141.93E	54	4.6		5.5	4.3	4.8	0.9	57	马里亚纳群岛以南地区	
	23 15											South of the Marianas	
2356	23 08-10-52.7	12.60N	141.88E	39	4.2				5.0	1.5	48	马里亚纳群岛以南地区	
	23 16											South of the Marianas	
2357	23 08-22-42.4	39.84N	113.92E	10		3.7				1.9	18	中国东北部	
	23 16											North-Eastern China	
2358	23 10-16-52.7	24.20N	122.34E	30	3.8	3.6			2.0	1.9	22	台湾岛	
	23 18											Taiwan	
2359	23 13-08-25.3	25.55S	179.92E	445			5.8		5.7	1.1	110	斐济以南地区	
	23 21											South of Fiji	
2360	23 13-19-34.4	39.92N	113.88E	13	4.9	5.1				2.0	53	中国东北部	
	23 21											North-Eastern China	
2361	23 13-32-13.5	49.88N	150.74E	384					5.0	0.8	76	千岛群岛西北以远地区	
	23 21											North-west of Kurile Islands	
2362	23 15-54-51.1	39.97N	113.74E	13		3.2				1.9	10	中国东北部	
	23 23											North-Eastern China	
2363	23 17-07-56.3	39.80N	113.88E	3		3.7				2.1	21	中国东北部	
	24 01											North-Eastern China	
2364	24 02-30-54.0	14.99N	120.51E	50					4.6	2.5	15	吕宋岛	
	24 10											Luzon	
2365	24 02-59-40.5	5.42S	151.71E	60					5.1	1.6	18	新不列颠地区	
	24 10											New Britain region	
2366	24 13-33-32.3	41.87N	82.58E	37	3.9	4.5			4.6	2.2	36	新疆自治区南部	
	24 21											Southern Xinjiang Province	
2367	24 13-38-28.9	41.73N	82.50E	31		4.4			4.8	2.1	30	新疆自治区南部	
	24 21											Southern Xinjiang Province	
2368	24 16-29-59.6	21.72S	138.87W	5					5.4	1.8	28	土阿莫土群岛地区	
	25 00											Tuamotu Archipelago region	
2369	24 17-29-43.5	2.45S	77.71W	20				3.9	5.0	2.5	20	厄瓜多尔	
	25 01											Ecuador	
2370	24 18-06-26.0	41.71N	82.57E	6		3.5				3.5	9	新疆自治区南部	
	25 02											Southern Xinjiang Province	
2371	25 05-56-10.7	4.33S	80.45W	5					4.7	2.6	17	秘鲁——厄瓜多尔边境地区	
	25 13											Peru-Ecuador border region	
2372	25 06-00-12.1	15.30N	119.91E	35					4.7	2.6	22	吕宋岛	
	25 14											Luzon	
2373	25 06-24-54.9	41.78N	82.31E	2		3.3				4.0	6	新疆自治区南部	
	25 14											Southern Xinjiang Province	
2374	25 06-46-42.2	7.19S	113.21E	42	4.7			4.4	5.0	1.5	58	爪哇岛	
	25 14											Java	
2375	25 07-31-16.4	41.87N	82.24E	5		3.3				2.6	5	新疆自治区南部	
	25 15											Southern Xinjiang Province	
2376	25 10-50-53.6	41.76N	82.51E	5		3.4				2.0	8	新疆自治区南部	
	25 18											Southern Xinjiang Province	
2377	25 10-51-49.5	40.16N	113.14E	12		3.3				3.4	7	中国东北部	
	25 18											North-Eastern China	
2378	25 13-06-31.4	36.84N	103.85E	4	3.6	3.9				2.4	21	甘肃省	
	25 21											Gansu Province	
2379	25 20-28-59.0	57.56N	118.98E	21	5.8		5.8	5.5	5.4	1.6	101	贝加尔湖以东地区	
	26 04											East of Lake Baykal	
2380	25 20-52-51.0	39.80N	113.87E	5		3.1				1.9	5	中国东北部	
	26 04											North-Eastern China	

2381	25	23–51–23.0	39.88N	113.84E	28		3.5				1.9	16	中国东北部
	26	07											North–Eastern China
2382	26	04–05–02.7	11.16S	162.37E	37					4.9	2.3	18	所罗门群岛
	26	12											Solomon Islands
2383	26	04–27–40.1	47.33N	121.06E	15		4.0				3.0	13	中国东北部
	26	12											North–Eastern China
2384	26	14–34–33.3	22.44S	176.84W	188					5.1	0.9	30	斐济以南地区
	26	22											South of Fiji
2385	26	17–06–40.6	39.80N	143.44E	5	6.3		6.3	5.8	5.8	1.3	115	本州东海岸近海
	27	01											Near east coast of Honshu
2386	26	17–53–10.0	39.87N	143.15E	5					3.2	1.3	21	本州东海岸近海
	27	01											Near east coast of Honshu
2387	26	18–14–03.7	2.93S	130.19E	10					4.7	1.4	27	斯兰岛
	27	02											Seram
2388	26	18–30–36.8	39.97N	143.71E	5					4.5	1.3	25	本州东海岸远海
	27	02											Off east coast of Honshu
2389	26	20–01–23.4	39.88N	143.55E	4	4.4				4.7	1.3	57	本州东海岸远海
	27	04											Off east coast of Honshu
2390	26	21–39–22.6	4.52S	152.98E	79	4.8		5.7		5.4	1.2	85	新不列颠地区
	27	05											New Britain region
2391	26	22–41–17.1	35.20N	133.49E	11	4.7				4.9	1.9	65	本州南部
	27	06											Southern Honshu
2392	26	22–52–58.1	39.82N	143.66E	4	4.7				4.6	1.6	32	本州东海岸远海
	27	06											Off east coast of Honshu
2393	26	22–56–38.0	39.92N	143.50E	5	4.8			4.2	4.9	1.5	74	本州东海岸远海
	27	06											Off east coast of Honshu
2394	27	00–19–57.0	39.89N	143.57E	10	5.0			4.7	5.0	1.6	79	本州东海岸远海
	27	08											Off east coast of Honshu
2395	27	00–57–30.5	41.73N	82.64E	10		4.1				2.4	15	新疆自治区南部
	27	08											Southern Xinjiang Province
2396	27	01–45–55.5	39.93N	143.48E	13	6.6		6.3	6.2	5.8	1.3	106	本州东海岸近海
	27	09											Near east coast of Honshu
2397	27	01–47–46.4	25.73S	177.43W	193					5.1	0.8	17	斐济以南地区
	27	09											South of Fiji
2398	27	02–06–06.6	39.82N	143.52E	6	6.2				5.3	1.3	88	本州东海岸远海
	27	10											Off east coast of Honshu
2399	27	02–23–58.8	39.98N	143.56E	3					4.7	1.5	46	本州东海岸远海
	27	10											Off east coast of Honshu
2400	27	03–03–19.7	39.78N	143.54E	1					4.7	1.6	67	本州东海岸远海
	27	11											Off east coast of Honshu
2401	27	04–39–31.7	20.57S	174.31W	33	5.2			5.3	5.1	1.5	41	汤加
	27	12											Tonga
2402	27	07–42–21.1	59.66S	25.92W	34	6.0			4.2	5.0	2.3	19	南桑德韦奇群岛地区
	27	15											South Sandwich Islands region
2403	27	08–08–59.6	39.99N	143.41E	2	4.8			4.4	4.8	1.6	67	本州东海岸近海
	27	16											Near east coast of Honshu
2404	27	21–04–51.4	10.94S	162.43E	26	6.9		6.8	7.0	6.1	1.8	110	所罗门群岛
	28	05											Solomon Islands
2405	28	01–35–54.3	51.63N	16.08E	9					4.7	1.1	16	波兰
	28	09											Poland
2406	28	04–42–24.8	36.42N	142.69E	45	4.7				4.5	1.4	46	本州东海岸远海
	28	12											Off east coast of Honshu

International Seismological Centre

2407	28	13–26–12.0	36.17N	81.09E	32		4.8				2.1	12	克什米尔——西藏边境地区
	28	21											Kashmir–Tibet border region
2408	28	20–21–17.5	39.86N	113.60E	2		3.2				2.4	11	中国东北部
	29	04											North–Eastern China
2409	28	21–06–29.1	1.47S	126.88E	30					4.1	2.6	25	马鲁古海
	29	05											Molucca Sea
2410	29	02–22–44.6	39.87N	113.88E	9		4.2				1.9	32	中国东北部
	29	10											North–Eastern China
2411	29	03–09–09.4	39.64N	143.33E	6	6.2		6.2	5.9	5.7	1.4	110	本州东海岸近海
	29	11											Near east coast of Honshu
2412	29	05–25–36.9	39.67N	143.27E	7	6.9		6.5	6.6	6.0	1.4	112	本州东海岸近海
	29	13											Near east coast of Honshu
2413	29	05–37–49.9	39.36N	143.39E	14					5.0	1.4	46	本州东海岸近海
	29	13											Near east coast of Honshu
2414	29	06–16–04.7	39.83N	143.05E	17					4.1	1.6	26	本州东海岸近海
	29	14											Near east coast of Honshu
2415	29	10–51–24.4	39.56N	143.25E	12	5.5		5.6	5.3	5.2	1.7	95	本州东海岸近海
	29	18											Near east coast of Honshu
2416	29	11–13–44.8	39.84N	113.84E	25		3.1				2.8	6	中国东北部
	29	19											North–Eastern China
2417	29	12–45–37.0	39.64N	143.40E	14	4.3			4.0	4.4	1.8	47	本州东海岸近海
	29	20											Near east coast of Honshu
2418	29	13–35–28.5	19.75N	146.44E	36					4.8	1.3	26	马里亚纳群岛
	29	21											Marianas
2419	29	15–53–09.7	39.51N	143.34E	8	5.6		5.7	5.3	5.4	1.4	99	本州东海岸近海
	29	23											Near east coast of Honshu
2420	29	16–07–46.7	39.45N	143.63E	11					4.1	1.8	49	本州东海岸远海
	30	00											Off east coast of Honshu
2421	29	19–09–11.7	36.74N	2.31E	6	6.0		5.8	5.7	5.7	0.9	84	阿尔及利亚
	30	03											Algeria
2422	29	19–21–51.8	36.70N	2.35E	12	5.9		5.9	5.6	5.4	0.8	78	阿尔及利亚
	30	03											Algeria
2423	29	19–47–40.7	29.72N	108.80E	15	3.8	3.2				3.4	10	四川省
	30	03											Sichuan Province
2424	29	23–18–03.1	39.80N	143.21E	11	5.0			5.3	5.1	1.6	82	本州东海岸近海
	30	07											Near east coast of Honshu
2425	30	06–40–06.6	27.64S	64.19E	6					5.1	0.9	18	大西洋——印度洋海岭
	30	14											Atlantic–Indian Ridge
2426	30	09–23–04.7	35.40N	80.43E	25		4.5				3.8	8	克什米尔——西藏边境地区
	30	17											Kashmir–Tibet border region
2427	30	12–54–42.1	39.30N	75.10E	13		3.6				4.3	6	塔吉克——新疆边境地区
	30	20											Tadzhikistan–Xinjiang border region
2428	30	23–46–30.9	20.88S	178.65W	583			5.8		5.6	0.8	93	斐济地区
	31	07											Fiji region
2429	31	03–50–46.7	23.28N	117.45E	35	3.5					2.1	5	中国东南沿海
	31	11											Near south–eastern coast of China
2430	31	05–07–57.0	39.76N	143.17E	31			5.1	4.2	4.7	1.3	51	本州东海岸近海
	31	13											Near east coast of Honshu
2431	31	07–18–49.1	10.87S	162.50E	60				4.5	5.1	1.3	26	所罗门群岛
	31	15											Solomon Islands
2432	31	13–11–55.4	12.33S	166.85E	291					4.6	1.0	16	圣克鲁斯群岛
	31	21											Santa Cruz Islands

International Seismological Centre

2433	31	15–29–59.0	37.26N	116.37W	4				5.7	0.8	53	加利福尼亚州——内华达州边境地区	
	31	23										California–Nevada border region	
2434	31	16–56–59.7	21.65S	138.74W	5				5.2	1.6	18	土阿莫土群岛地区	
	1	00										Tuamotu Archipelago region	
2435	31	17–16–45.8	9.50S	111.87E	33				4.8	1.7	48	爪哇以南地区	
	1	01										South of Java	
2436	31	18–44–19.3	9.33S	111.91E	33	5.4	5.6	5.2	5.3	1.4	81	爪哇以南地区	
	1	02										South of Java	
2437	31	19–13–46.4	9.69S	111.76E	36			4.5	4.7	1.5	38	爪哇以南地区	
	1	03										South of Java	
2438	31	19–34–59.8	9.27S	112.05E	32	5.4	5.6	5.2	5.4	1.5	92	爪哇以南地区	
	1	03										South of Java	
	November	1989											
2439	1	06–40–29.1	21.00S	68.19W	127		5.9		5.9	1.4	86	智利——玻利维亚边境地区	
	1	14										Chile–Bolivia border region	
2440	1	09–49–27.0	2.58N	128.19E	41	5.2	6.0	5.1	5.5	1.3	94	马鲁古海峡	
	1	17										Molucca Passage	
2441	1	10–25–53.2	19.06N	68.79W	33			4.4	5.2	1.0	12	多米尼加共和国地区	
	1	18										Dominican Republic region	
2442	1	11–30–01.9	10.91S	162.20E	60	5.6	5.8	5.3	5.8	1.5	88	所罗门群岛	
	1	19										Solomon Islands	
2443	1	11–46–59.6	10.96S	162.26E	53	5.3		5.5	5.0	1.1	18	所罗门群岛	
	1	19										Solomon Islands	
2444	1	12–24–01.7	39.46N	143.23E	32	4.9	5.7	4.5	5.1	1.7	81	本州东海岸近海	
	1	20										Near east coast of Honshu	
2445	1	16–26–31.2	23.26N	120.87E	10	3.9	3.9			1.8	19	台湾岛	
	2	00										Taiwan	
2446	1	18–25–33.3	39.85N	142.80E	28	7.3	7.0	7.4	6.4	1.2	117	本州东海岸近海	
	2	02										Near east coast of Honshu	
2447	1	18–36–32.4	39.64N	143.10E	29	7.0	6.9		6.0	1.2	76	本州东海岸近海	
	2	02										Near east coast of Honshu	
2448	1	18–49–03.4	39.77N	143.07E	44				4.5	2.0	11	本州东海岸近海	
	2	02										Near east coast of Honshu	
2449	1	19–52–44.3	39.70N	143.52E	22	6.2			5.1	1.4	81	本州东海岸远海	
	2	03										Off east coast of Honshu	
2450	1	19–57–12.2	35.29N	133.40E	33				5.0	1.9	19	本州南部	
	2	03										Southern Honshu	
2451	1	20–20–01.2	40.01N	142.69E	55	6.1			5.3	1.4	95	本州东海岸近海	
	2	04										Near east coast of Honshu	
2452	1	21–40–18.0	39.83N	143.38E	32				4.8	1.9	46	本州东海岸近海	
	2	05										Near east coast of Honshu	
2453	1	21–53–24.8	39.83N	143.19E	43				4.8	1.6	53	本州东海岸近海	
	2	05										Near east coast of Honshu	
2454	1	22–34–25.4	39.39N	143.35E	30				4.4	1.7	38	本州东海岸近海	
	2	06										Near east coast of Honshu	
2455	1	23–04–48.5	39.42N	142.96E	25	4.9			4.3	1.8	48	本州东海岸近海	
	2	07										Near east coast of Honshu	
2456	1	23–05–44.9	39.18N	142.98E	37	5.2		5.5	5.4	1.3	87	本州东海岸近海	
	2	07										Near east coast of Honshu	
2457	1	23–20–15.3	39.49N	143.51E	24				4.2	1.6	48	本州东海岸远海	
	2	07										Off east coast of Honshu	

International Seismological Centre

2458	1	23-35-13.8	32.96N	94.33E	26	4.4				2.3	25	西藏自治区	
	2	07										Tibet	
2459	1	23-37-12.7	39.46N	143.52E	1				4.3	1.7	24	本州东海岸远海	
	2	07										Off east coast of Honshu	
2460	2	01-09-41.2	39.44N	143.46E	24	4.8		4.6	4.7	1.4	76	本州东海岸近海	
	2	09										Near east coast of Honshu	
2461	2	01-13-26.5	39.25N	143.56E	46	4.7			4.5	2.3	42	本州东海岸远海	
	2	09										Off east coast of Honshu	
2462	2	01-42-37.2	39.63N	143.43E	28	4.3			4.8	1.5	67	本州东海岸近海	
	2	09										Near east coast of Honshu	
2463	2	02-22-02.4	13.93S	170.55E	37			4.5	5.3	1.1	46	瓦努阿图(新赫布里底)地区	
	2	10										Vanuatu (New Hebrides) region	
2464	2	02-22-50.0	39.46N	143.52E	34			4.3	4.6	1.6	31	本州东海岸远海	
	2	10										Off east coast of Honshu	
2465	2	07-22-41.1	36.01N	106.26E	27	4.5	4.8			1.7	86	甘肃省	
	2	15										Gansu Province	
2466	2	09-34-39.7	39.88N	143.17E	32			3.9	4.9	1.2	48	本州东海岸近海	
	2	17										Near east coast of Honshu	
2467	2	10-03-11.7	39.60N	143.22E	48	4.1			4.7	1.7	51	本州东海岸近海	
	2	18										Near east coast of Honshu	
2468	2	10-12-19.9	22.08S	68.51W	88				5.4	2.5	30	智利北部	
	2	18										Northern Chile	
2469	2	10-16-06.2	10.77N	122.36E	71	4.2			4.6	2.0	30	班乃岛	
	2	18										Panay	
2470	2	10-27-46.1	27.38N	128.66E	80	4.2			5.1	1.6	67	琉球群岛	
	2	18										Ryukyu Islands	
2471	2	11-38-34.0	27.81N	127.13E	225				4.5	1.5	20	中国东海	
	2	19										East China Sea	
2472	2	11-51-45.4	39.52N	143.11E	26	5.4		5.6	5.1	5.2	1.3	101	本州东海岸近海
	2	19											Near east coast of Honshu
2473	2	11-59-47.6	39.74N	143.62E	25	4.9			5.5	4.9	1.6	65	本州东海岸远海
	2	19											Off east coast of Honshu
2474	2	13-42-13.1	40.09N	143.18E	25	5.5		5.7	5.2	5.6	1.4	107	本州东海岸近海
	2	21											Near east coast of Honshu
2475	2	15-55-18.3	40.17N	143.51E	31					4.2	1.9	30	本州东海岸远海
	2	23											Off east coast of Honshu
2476	2	16-17-56.9	39.53N	143.01E	19					3.8	1.5	23	本州东海岸近海
	3	00											Near east coast of Honshu
2477	2	17-16-28.7	33.00N	94.27E	9	4.6		5.7		4.7	2.7	60	西藏自治区
	3	01											Tibet
2478	2	19-42-36.9	39.26N	143.77E	41					4.3	2.2	39	本州东海岸远海
	3	03											Off east coast of Honshu
2479	2	20-49-10.8	20.52S	178.74W	607					4.7	1.4	32	斐济地区
	3	04											Fiji region
2480	2	22-35-39.5	39.63N	143.30E	9					4.1	1.7	35	本州东海岸近海
	3	06											Near east coast of Honshu
2481	3	05-49-45.8	39.52N	143.16E	22	4.6				5.2	1.5	88	本州东海岸近海
	3	13											Near east coast of Honshu
2482	3	08-15-12.9	39.63N	143.08E	28					4.3	1.5	41	本州东海岸近海
	3	16											Near east coast of Honshu
2483	3	08-33-40.0	6.46S	104.96E	110					5.1	2.0	30	巽他海峡
	3	16											Sunda Strait

International Seismological Centre

2484	3	14–08–44.3	5.67N	126.58E	33	4.8	5.4	5.2	1.2	96	棉兰老岛
	3	22									Mindanao
2485	3	17–39–13.1	1.20S	148.82E	35	5.6	6.0	5.7	5.7	1.2	113	阿德默勒尔蒂群岛地区
	4	01										Admiralty Islands region
2486	3	22–45–01.3	39.53N	143.42E	27	4.1		4.3	1.3	44	本州东海岸近海
	4	06									Near east coast of Honshu
2487	4	02–49–15.5	39.78N	143.15E	30	4.1		3.8	4.8	1.6	58	本州东海岸近海
	4	10									Near east coast of Honshu
2488	4	03–57–53.2	9.56N	126.50E	62	4.4		4.0	4.9	1.3	48	棉兰老岛
	4	11									Mindanao
2489	4	06–35–09.5	16.23S	173.16W	33				5.3	1.1	34	汤加
	4	14									Tonga
2490	4	10–21–03.4	44.23N	88.04E	18	3.7				1.9	9	新疆自治区北部
	4	18									Northern Xinjiang Province
2491	4	14–58–32.4	39.86N	113.89E	6	3.0				1.5	7	中国东北部
	4	22									North–Eastern China
2492	4	15–39–16.2	3.42S	80.29W	26				5.0	2.5	29	110
	4	23									Peru–Ecuador border region
2493	4	18–04–00.7	72.27N	0.60E	10	5.4	5.7	5.2	5.1	1.0	80	挪威海
	5	02									Norwegian Sea
2494	4	18–17–12.4	72.26N	0.98E	9	5.4		5.3	5.3	1.1	77	挪威海
	5	02									Norwegian Sea
2495	4	20–12–03.7	39.22N	143.22E	25	6.2	6.1	5.7	5.4	1.5	102	本州东海岸近海
	5	04									Near east coast of Honshu
2496	4	20–47–20.8	30.62N	57.60E	32	5.7			4.8	1.3	46	伊朗
	5	04									Iran
2497	4	20–51–12.2	39.22N	143.47E	21	5.3		5.5	5.3	1.4	91	本州东海岸近海
	5	04									Near east coast of Honshu
2498	4	21–56–41.4	39.34N	143.29E	19	5.4	5.6		5.3	1.5	93	本州东海岸近海
	5	05									Near east coast of Honshu
2499	5	01–25–29.7	39.21N	143.33E	28				4.0	1.8	46	本州东海岸近海
	5	09									Near east coast of Honshu
2500	5	02–28–50.2	40.24N	118.42E	8	3.1				1.6	8	中国东北部
	5	10									North–Eastern China
2501	5	04–22–19.3	25.13N	124.74E	92				4.6	1.6	70	琉球群岛西南部
	5	12									South–western Ryukyu Islands
2502	5	13–42–03.5	39.27N	143.35E	25	5.2	5.7	4.7	5.1	1.4	99	本州东海岸近海
	5	21									Near east coast of Honshu
2503	5	15–08–24.5	40.03N	142.71E	43	4.6		4.7	5.2	1.5	88	228
	5	23									Near east coast of Honshu
2504	5	15–56–19.2	39.30N	143.36E	22	5.2	5.7	4.5	5.2	1.4	97	本州东海岸近海
	5	23									Near east coast of Honshu
2505	5	16–46–21.4	9.11N	126.49E	59	4.5			5.0	1.2	86	棉兰老岛
	6	00									Mindanao
2506	5	18–00–08.6	39.86N	143.39E	29				4.8	1.5	35	本州东海岸近海
	6	02									Near east coast of Honshu
2507	5	19–06–55.9	39.92N	143.58E	21				4.7	1.9	26	本州东海岸远海
	6	03									Off east coast of Honshu
2508	5	19–24–01.4	39.86N	143.62E	12				3.7	1.6	26	本州东海岸远海
	6	03									Off east coast of Honshu
2509	5	22–11–17.2	36.59N	82.75E	21	3.8				4.2	8	新疆自治区南部
	6	06									Southern Xinjiang Province

International Seismological Centre

2510	5	22-29-53.0	49.36S	115.69W	20	5.9		5.7	5.2	2.6	39	复活节岛海山	
	6	06										Easter Island Cordillera	
2511	6	04-41-20.2	34.94N	24.33E	27				4.4	1.2	41	克里特岛	
	6	12										Crete	
2512	6	06-03-57.5	39.22N	141.83E	84	4.5			4.8	1.7	63	本州东海岸近海	
	6	14										Near east coast of Honshu	
2513	6	08-09-16.5	24.87N	122.12E	7	3.5	3.8		4.2	2.3	14	台湾岛	
	6	16										Taiwan	
2514	6	08-56-18.1	40.14N	142.33E	48	5.0		5.7	4.9	5.4	1.3	108	本州岛
	6	16											Honshu
2515	6	15-12-52.8	25.74N	125.63E	31	5.6	5.2	5.4	5.3	5.1	1.7	89	琉球群岛西南部
	6	23											South-western Ryukyu Islands
2516	6	20-52-21.2	11.16S	162.54E	45	6.2		5.8		5.5	1.7	100	所罗门群岛
	7	04											Solomon Islands
2517	6	21-00-34.6	2.80S	80.41W	5				5.3	5.2	2.4	30	秘鲁——厄瓜多尔边境地区
	7	05											Peru-Ecuador border region
2518	6	22-04-58.7	40.33N	143.03E	31	4.3				4.7	1.6	50	本州东海岸近海
	7	06											Near east coast of Honshu
2519	7	00-30-28.6	39.85N	143.33E	35						1.6	49	本州东海岸近海
	7	08											Near east coast of Honshu
2520	7	03-27-22.2	39.29N	143.46E	28	4.4				4.8	1.5	65	本州东海岸近海
	7	11											Near east coast of Honshu
2521	7	09-03-08.0	4.27S	152.41E	40	5.0			4.7	5.0	2.0	72	新不列颠地区
	7	17											New Britain region
2522	7	10-52-50.1	52.48N	166.88W	38					4.7	1.4	32	福克斯群岛
	7	18											Fox Islands
2523	7	13-50-20.2	37.23N	71.71E	127					4.4	1.3	35	阿富汗——苏联边境地区
	7	21											Afghanistan-USSR border region
2524	7	14-48-29.6	39.93N	113.85E	3		3.2				2.2	9	中国东北部
	7	22											North-Eastern China
2525	7	15-00-34.4	39.93N	143.53E	29	4.3			3.7	4.6	1.7	54	本州东海岸远海
	7	23											Off east coast of Honshu
2526	7	15-13-50.7	40.24N	143.69E	39	4.4				4.7	1.4	38	本州东海岸远海
	7	23											Off east coast of Honshu
2527	7	15-24-04.0	39.96N	113.94E	4		3.3				2.2	16	中国东北部
	7	23											North-Eastern China
2528	7	20-53-04.4	41.93N	142.52E	79					4.8	1.4	63	北海道地区
	8	04											Hokkaido region
2529	7	23-59-00.4	2.81S	139.34E	35					4.8	1.8	26	西伊里安
	8	07											West Irian
2530	8	00-47-23.5	39.81N	114.02E	12		3.2				2.0	12	中国东北部
	8	08											North-Eastern China
2531	8	15-20-51.5	6.29S	108.04E	305					4.9	1.0	32	爪哇岛
	8	23											Java
2532	8	16-49-10.0	4.55S	139.03E	32				4.5	5.1	1.3	75	西伊里安南海岸近海
	9	00											Near south coast of West Irian
2533	8	16-55-23.2	23.78N	142.03E	148					5.2	1.4	68	硫黄列岛地区
	9	00											Volcano Islands region
2534	8	20-07-09.1	30.95N	141.60E	41	4.8			4.7	5.1	1.2	84	本州以南地区
	9	04											South of Honshu
2535	9	00-29-09.6	29.67N	140.82E	113					4.8	1.7	57	本州以南地区
	9	08											South of Honshu

International Seismological Centre

2536	9	01-36-56.2	46.54N	150.12E	183				5.0	1.2	60	千岛群岛	
	9	09										Kurile Islands	
2537	9	02-26-51.0	6.68S	132.25E	32				4.9	1.1	40	塔宁巴尔群岛地区	
	9	10										Tanimbar Islands region	
2538	9	03-19-25.7	11.35S	118.10E	37			4.5	5.3	1.3	96	松巴哇以南地区	
	9	11										South of Sumbawa	
2539	9	18-39-53.8	6.26N	125.40E	121				5.0	1.0	64	棉兰老岛	
	10	02										Mindanao	
2540	10	04-05-30.3	29.93N	131.05E	69	4.9	4.9	3.9	4.8	1.6	70	琉球群岛	
	10	12										Ryukyu Islands	
2541	10	08-03-32.3	27.42N	103.94E	16	4.7	4.9			2.2	69	云南省	
	10	16										Yunnan Province	
2542	10	11-22-42.6	46.71N	84.83E	12		4.1			3.4	9	哈萨克——新疆边境地区	
	10	19										Kazakhstan-Xinjiang border region	
2543	10	13-00-19.6	17.07S	167.56E	6			4.3	4.6	2.5	18	瓦努阿图(新赫布里底)	
	10	21										Vanuatu (New Hebrides)	
2544	10	13-42-49.9	22.67S	66.05W	244		5.9		5.3	1.5	60	阿根廷胡胡伊省	
	10	21										Jujuy Province, Argentina	
2545	10	15-23-48.7	3.44N	126.73E	71	4.9	5.4		5.1	1.4	75	马鲁古海峡	
	10	23										Molucca Passage	
2546	10	18-46-05.3	21.21S	179.10W	622				5.1	1.0	45	斐济地区	
	11	02										Fiji region	
2547	10	21-08-11.8	36.49N	71.16E	110				4.7	1.8	22	兴都库什地区	
	11	05										Hindu Kush region	
2548	10	22-53-18.9	49.17N	156.12E	25	4.8		4.5	5.3	1.1	82	千岛群岛	
	11	06										Kurile Islands	
2549	10	22-57-50.5	49.22N	156.11E	16	5.1		5.2	5.4	1.3	83	千岛群岛	
	11	06										Kurile Islands	
2550	10	23-21-39.4	46.17N	151.67E	54	4.8	5.6	5.0	5.6	0.9	93	千岛群岛	
	11	07										Kurile Islands	
2551	11	04-13-16.6	39.66N	143.54E	27	3.9			4.5	1.5	42	本州东海岸远海	
	11	12										Off east coast of Honshu	
2552	11	05-35-02.4	40.75N	103.74E	35		3.2			2.2	5	中国北部	
	11	13										Northern China	
2553	11	08-18-42.2	14.64N	52.36E	11				4.8	1.4	26	亚丁湾东部	
	11	16										Eastern Gulf of Aden	
2554	11	15-04-53.3	14.21S	72.24W	71				5.2	2.5	29	秘鲁	
	11	23										Peru	
2555	11	15-49-22.9	47.75N	85.84E	26		4.3			1.5	8	哈萨克——新疆边境地区	
	11	23										Kazakhstan-Xinjiang border region	
2556	11	17-33-21.3	4.43S	136.63E	32				4.6	1.5	47	西伊里安地区	
	12	01										West Irian region	
2557	11	17-55-21.3	39.84N	113.93E	10		3.1			1.5	9	中国东北部	
	12	01										North-Eastern China	
2558	12	00-00-20.8	51.28N	178.94W	32	4.8		4.7	5.1	1.0	54	安德烈亚诺夫群岛	
	12	08										Andreanof Islands	
2559	12	03-31-06.7	39.85N	143.43E	29	3.9			4.3	1.2	34	本州东海岸近海	
	12	11										Near east coast of Honshu	
2560	12	08-39-20.3	36.48N	71.11E	211				4.3	1.3	21	兴都库什地区	
	12	16										Hindu Kush region	
2561	12	12-51-11.2	9.34N	126.86E	60				4.9	1.8	10	棉兰老岛	
	12	20										Mindanao	

International Seismological Centre

2562	12	13–37–00.8	9.74N	126.33E	32				4.2	5.4	1.2	29	棉兰老岛	
	12	21											Mindanao	
2563	12	19–17–48.4	55.72S	29.41W	31					4.9	3.2	10	南桑德韦奇群岛地区	
	13	03											South Sandwich Islands region	
2564	12	19–18–29.2	3.91S	99.40E	30	4.8			4.4	5.0	1.4	77	苏门答腊西南以远地区	
	13	03											South–west of Sumatera	
2565	12	20–38–18.7	9.67N	126.52E	75	4.7				5.1	1.3	86	棉兰老岛	
	13	04											Mindanao	
2566	12	22–20–05.8	49.32N	155.93E	19					4.6	1.5	30	千岛群岛	
	13	06											Kurile Islands	
2567	13	08–41–21.6	51.61N	177.35E	33	4.9			5.4	4.7	5.0	1.3	70	拉特群岛
	13	16											Rat Islands	
2568	13	15–54–40.4	4.72N	94.50E	55	5.1				4.4	5.2	1.0	92	北苏门答腊西海岸远海
	13	23											Off west coast of Northern Sumatera	
2569	14	00–44–06.9	24.13N	125.10E	53	4.2				4.4	2.4	19	琉球群岛西南部	
	14	08											South–western Ryukyu Islands	
2570	14	04–16–33.4	35.31N	91.15E	25	4.1	4.2			4.8	2.2	34	青海省	
	14	12											Qinghai Province	
2571	14	05–38–55.4	5.14S	102.63E	48	5.0		5.5	4.8	4.9	1.3	76	苏门答腊南部	
	14	13											Southern Sumatera	
2572	14	05–49–03.8	39.47N	143.67E	30	4.0				4.3	1.6	48	本州东海岸远海	
	14	13											Off east coast of Honshu	
2573	14	06–07–52.5	27.45S	70.92W	27				4.8	5.5	1.6	35	智利北部海岸近海	
	14	14											Near coast of Northern Chile	
2574	14	08–54–54.7	24.47N	122.01E	36		3.8				1.1	12	台湾岛	
	14	16											Taiwan	
2575	14	14–32–02.3	9.25S	124.79E	32	5.5		5.8	5.4	5.6	1.6	98	帝汶岛	
	14	22											Timor	
2576	14	15–29–58.3	7.62N	126.66E	123					5.2	1.0	73	棉兰老岛	
	14	23											Mindanao	
2577	14	17–39–33.6	10.13N	126.46E	32	5.0		5.6	4.7	5.3	1.4	95	棉兰老岛	
	15	01											Mindanao	
2578	15	07–46–52.2	3.05S	139.54E	33				4.3	5.1	1.3	48	西伊里安	
	15	15											West Irian	
2579	15	13–17–55.3	29.26N	141.35E	36	4.2				4.7	1.4	52	小笠原群岛地区	
	15	21											Bonin Islands region	
2580	15	18–31–44.1	39.92N	142.95E	28	4.5			4.2	4.8	1.6	62	本州东海岸近海	
	16	02											Near east coast of Honshu	
2581	15	19–19–55.8	52.17S	160.67E	10	5.4			5.3	5.7	1.5	34	麦阔里岛地区	
	16	03											Macquarie Island region	
2582	16	01–40–43.4	25.97N	130.86E	38	4.1				4.6	1.9	21	琉球群岛地区	
	16	09											Ryukyu Islands region	
2583	16	04–02–58.8	33.30N	131.60E	35	4.1				4.3	1.6	30	九州岛	
	16	12											Kyushu	
2584	16	06–52–24.6	6.03S	122.77E	32					4.4	1.3	20	佛罗勒斯海	
	16	14											Flores Sea	
2585	16	08–32–36.0	39.91N	77.31E	24	4.5	4.8				1.8	53	新疆自治区南部	
	16	16											Southern Xinjiang Province	
2586	16	08–39–42.8	17.67S	178.99W	538			6.0		5.7	1.0	107	斐济地区	
	16	16											Fiji region	
2587	16	08–54–41.6	17.65S	178.97W	545					5.0	0.8	31	斐济地区	
	16	16											Fiji region	

International Seismological Centre

2588	16	12–59–29.3	39.99N	77.43E	28		3.7				4.4	7	新疆自治区南部 Southern Xinjiang Province
	16	20											
2589	16	15–49–35.7	39.80N	113.81E	9		3.0				1.9	7	中国东北部 North–Eastern China
	16	23											
2590	16	21–29–22.7	35.71N	80.92E	15		3.5				4.5	5	克什米尔——西藏边境地区 Kashmir–Tibet border region
	17	05											
2591	17	04–05–17.1	80.63N	122.26E	10	5.9		5.7	5.3	5.1	1.1	93	北地群岛以东地区 East of Severnaya Zemlya
	17	12											
2592	17	05–21–17.7	18.81S	169.27E	223					4.9	0.9	44	瓦努阿图(新赫布里底) Vanuatu (New Hebrides)
	17	13											
2593	17	08–00–50.5	39.57N	143.24E	17	4.7			4.5	4.9	1.4	82	本州东海岸近海 Near east coast of Honshu
	17	16											
2594	17	11–57–51.6	39.69N	143.39E	18					4.3	2.0	26	本州东海岸近海 Near east coast of Honshu
	17	19											
2595	17	15–35–57.1	17.35S	167.95E	27	5.4		5.8	5.3	5.4	1.1	83	瓦努阿图(新赫布里底) Vanuatu (New Hebrides)
	17	23											
2596	17	16–09–20.3	2.86N	127.43E	31	5.1				4.4	1.5	44	马鲁古海峡 Molucca Passage
	18	00											
2597	17	19–12–56.8	8.71S	106.35E	23	4.9			4.1	5.1	1.4	74	爪哇以南地区 South of Java
	18	03											
2598	17	20–15–03.1	37.11N	71.44E	100					4.1	2.0	12	兴都库什地区 Hindu Kush region
	18	04											
2599	17	22–46–33.1	58.80S	16.18W	22				4.8	5.7	2.2	35	大西洋西南部 South–Western Atlantic Ocean
	18	06											
2600	18	03–27–48.1	24.15N	121.87E	11	4.0	4.2			4.3	2.0	35	台湾岛 Taiwan
	18	11											
2601	18	04–50–15.1	40.30N	143.64E	20	4.7		5.4	4.6	4.6	1.2	57	本州东海岸远海 Off east coast of Honshu
	18	12											
2602	18	07–32–19.9	42.66N	144.21E	52	3.9		5.4		4.9	1.4	71	北海道地区 Hokkaido region
	18	15											
2603	18	15–56–49.6	42.93N	145.11E	43	4.8		5.7	4.9	5.6	1.0	103	北海道地区 Hokkaido region
	18	23											
2604	18	17–33–50.5	28.35N	104.74E	20	3.9	4.1				2.4	43	云南省 Yunnan Province
	19	01											
2605	18	19–49–45.8	40.00N	77.32E	27		3.5				4.2	8	新疆自治区南部 Southern Xinjiang Province
	19	03											
2606	18	20–09–38.6	0.13S	125.26E	66	4.7				5.1	1.3	76	马鲁古海 Molucca Sea
	19	04											
2607	18	20–14–28.2	9.30N	126.46E	33					5.1	1.4	55	棉兰老岛 Mindanao
	19	04											
2608	18	21–32–54.2	34.28N	25.02E	24					4.1	1.3	29	地中海 Mediterranean Sea
	19	05											
2609	19	03–30–15.2	37.41N	71.42E	41		4.4			4.6	2.0	20	兴都库什地区 Hindu Kush region
	19	11											
2610	19	03–57–12.7	11.22S	118.07E	23				4.3	5.3	1.3	71	松巴哇以南地区 South of Sumbawa
	19	11											
2611	19	04–29–22.6	36.53N	70.79E	191					4.8	1.1	68	兴都库什地区 Hindu Kush region
	19	12											
2612	19	11–11–14.9	12.08N	143.72E	32					4.5	0.7	21	马里亚纳群岛以南地区 South of the Marianas
	19	19											
2613	19	12–42–50.6	6.38S	154.42E	21	5.8		6.1	5.6	5.3	1.7	103	新不列颠地区 New Britain region
	19	20											

International Seismological Centre

2614	19	17–02–43.4	23.72N	114.54E	11		3.6			2.9	11	中国东南沿海		
	20	01										Near south–eastern coast of China		
2615	19	17–04–20.0	0.04S	123.23E	151				4.8	1.1	35	米那哈沙半岛(西里伯斯)		
	20	01										Minahassa Peninsula (Celebes)		
2616	19	17–35–56.9	6.23S	153.98E	55				4.3	1.6	23	新不列颠地区		
	20	01										New Britain region		
2617	19	17–36–58.5	23.77N	114.62E	16		3.6			2.8	11	中国东南沿海		
	20	01										Near south–eastern coast of China		
2618	19	22–11–24.1	28.85N	89.44E	5		3.4			3.5	9	西藏自治区		
	20	06										Tibet		
2619	19	23–58–37.2	9.22S	119.42E	53				4.5	1.7	28	松巴哇地区		
	20	07										Sumbawa region		
2620	20	03–18–41.7	29.84N	106.88E	31	4.7	4.4		4.6	1.9	58	四川省		
	20	11										Sichuan Province		
2621	20	03–21–06.0	29.91N	106.85E	23	5.3	5.4	4.7	5.2	1.8	89	四川省		
	20	11										Sichuan Province		
2622	20	04–19–04.6	29.89N	57.71E	18	6.1		6.5	5.7	5.6	1.4	93	伊朗南部	
	20	12										Southern Iran		
2623	20	10–07–11.1	23.58N	120.84E	8		3.8				1.9	21	244	
	20	18										Taiwan		
2624	20	11–54–07.5	23.65S	179.91W	520					5.0	1.7	46	斐济以南地区	
	20	19										South of Fiji		
2625	20	12–19–30.6	30.46N	60.02E	34	4.9				4.5	2.5	26	伊朗南部	
	20	20										Southern Iran		
2626	20	14–36–57.3	7.03S	129.82E	178					5.0	1.2	77	班达海	
	20	22										Banda Sea		
2627	20	17–28–59.2	21.65S	139.02W	5					5.3	1.5	24	土阿莫土群岛地区	
	21	01										Tuamotu Archipelago region		
2628	20	18–55–02.7	27.95N	129.53E	37	5.2	4.5	5.5		5.3	1.7	99	琉球群岛	
	21	02										Ryukyu Islands		
2629	20	20–27–59.0	2.95N	128.46E	33					4.3	0.8	31	马鲁古海峡	
	21	04										Molucca Passage		
2630	20	21–26–37.8	6.26S	131.38E	70					5.2	1.0	80	班达海	
	21	05										Banda Sea		
2631	21	00–48–49.5	6.32S	154.25E	81					4.7	1.5	43	新不列颠地区	
	21	08										New Britain region		
2632	21	01–41–18.0	24.05N	122.29E	10		3.2				0.9	5	台湾岛	
	21	09										Taiwan		
2633	21	02–05–10.7	20.22S	174.00W	38					4.9	1.5	34	汤加	
	21	10										Tonga		
2634	21	02–13–10.1	15.93S	172.56W	33				4.9	5.4	0.9	35	173	
	21	10										Tonga		
2635	21	02–36–46.8	44.65N	148.31E	55	4.2				5.5	1.3	93	千岛群岛	
	21	10										Kurile Islands		
2636	21	03–10–23.6	28.77S	177.32W	59			6.1		5.5	1.3	84	克马德克群岛	
	21	11										Kermadec Islands		
2637	21	04–47–05.9	40.06N	142.36E	50				3.6	4.9	1.5	75	本州岛	
	21	12										Honshu		
2638	21	09–00–48.1	3.20S	139.74E	44				4.5	4.8	1.5	58	西伊里安	
	21	17										West Irian		
2639	21	10–13–18.1	39.71N	143.16E	23	4.8			4.4	4.9	1.5	75	本州东海岸近海	
	21	18										Near east coast of Honshu		

International Seismological Centre

2640	21	14–37–42.6	50.26S	162.84E	27	6.0		5.9	5.8	5.6	2.0	57	奥克兰群岛地区
	21	22											Auckland Islands region
2641	22	01–40–53.6	38.13N	143.10E	9	4.7				4.2	2.0	29	本州东海岸远海
	22	09											Off east coast of Honshu
2642	22	01–41–08.7	37.66N	115.44E	12		3.2				1.6	17	中国东北部
	22	09											North–Eastern China
2643	22	17–05–54.1	25.24N	129.59E	26	4.4					2.2	26	琉球群岛地区
	23	01											Ryukyu Islands region
2644	22	23–27–08.6	7.27S	128.84E	127					5.3	1.2	95	班达海
	23	07											Banda Sea
2645	23	01–23–27.6	22.22S	174.71W	33	5.3		6.0	5.3	5.4	1.0	64	汤加地区
	23	09											Tonga region
2646	23	15–49–41.0	39.86N	143.08E	32	5.1		5.8	4.9	5.3	1.4	96	本州东海岸近海
	23	23											Near east coast of Honshu
2647	23	19–17–31.9	34.62N	141.23E	50	4.5			3.8	4.8	1.5	65	本州东海岸近海
	24	03											Near east coast of Honshu
2648	23	21–38–25.4	42.48N	89.04E	22		3.9				2.4	9	新疆自治区南部
	24	05											Southern Xinjiang Province
2649	23	23–20–45.1	32.18N	121.95E	34		3.4				1.8	7	中国东部
	24	07											Eastern China
2650	24	00–35–09.2	0.99N	125.97E	45	5.3		5.9	5.1	5.7	1.1	101	马鲁古海峡
	24	08											Molucca Passage
2651	24	01–45–52.6	36.59N	26.58E	11				4.8	4.5	1.7	23	多德卡尼斯群岛
	24	09											Dodecanese Islands
2652	24	05–05–16.2	41.74N	82.86E	20		3.2				1.8	9	新疆自治区南部
	24	13											Southern Xinjiang Province
2653	24	07–22–24.5	12.59N	48.27E	9	5.0			4.7	5.0	1.3	54	亚丁湾东部
	24	15											Eastern Gulf of Aden
2654	24	10–10–16.2	41.88N	82.88E	27		3.4				3.0	9	新疆自治区南部
	24	18											Southern Xinjiang Province
2655	24	12–49–04.7	51.37N	178.97W	49	4.8			4.6	5.1	0.9	83	安德烈亚诺夫群岛
	24	20											Andreanof Islands
2656	24	18–22–12.8	25.07S	179.97E	512					5.1	1.0	56	斐济以南地区
	25	02											South of Fiji
2657	24	18–45–03.8	27.04N	142.75E	29	4.8		5.2	4.5	5.0	1.0	81	小笠原群岛地区
	25	02											Bonin Islands region
2658	24	19–24–39.6	12.85N	48.14E	11					4.8	0.9	33	亚丁湾东部
	25	03											Eastern Gulf of Aden
2659	24	19–47–51.3	41.85N	82.96E	29		3.7				2.2	12	新疆自治区南部
	25	03											Southern Xinjiang Province
2660	24	20–51–05.6	36.86N	80.17E	29		3.9				2.4	11	新疆自治区南部
	25	04											Southern Xinjiang Province
2661	24	23–02–23.0	19.03S	173.53W	66					5.4	1.1	75	汤加
	25	07											Tonga
2662	25	07–02–47.7	35.89N	140.15E	80	4.9		5.8		4.8	1.6	59	本州南海岸近海
	25	15											Near south coast of Honshu
2663	25	07–49–43.5	2.18S	138.89E	25	5.7		6.1	5.7	5.9	1.0	105	西伊里安
	25	15											West Irian
2664	25	15–10–49.9	6.14N	125.03E	13	5.3		5.6	5.0	5.2	1.6	95	棉兰老岛
	25	23											Mindanao
2665	25	15–17–04.4	6.12N	125.24E	11					4.4	2.6	11	棉兰老岛
	25	23											Mindanao

2666	25	16–13–48.2	23.71N	114.56E	32	4.7	5.0	5.0	4.9	1.6	71	中国东南沿海	
	26	00										Near south–eastern coast of China	
2667	25	16–22–57.5	23.49N	114.60E	15		3.6			2.3	7	中国东南沿海	
	26	00										Near south–eastern coast of China	
2668	25	17–02–32.9	23.67N	114.61E	31	4.4	4.6			1.6	27	中国东南沿海	
	26	01										Near south–eastern coast of China	
2669	25	18–06–02.7	18.94N	145.82E	210				4.9	1.1	87	马里亚纳群岛	
	26	02										Marianas	
2670	25	18–31–24.9	39.81N	75.19E	27		4.3	4.7		2.7	13	新疆自治区南部	
	26	02										Southern Xinjiang Province	
2671	25	18–54–31.4	38.93N	102.39E	27		3.9			3.5	7	甘肃省	
	26	02										Gansu Province	
2672	25	20–14–34.4	0.98N	98.85E	112				5.1	0.8	92	苏门答腊北部	
	26	04										Northern Sumatera	
2673	25	23–40–57.8	43.81N	86.26E	29		3.4			3.1	8	新疆自治区北部	
	26	07										Northern Xinjiang Province	
2674	26	08–43–38.1	39.75N	143.58E	37	4.2			4.3	1.9	43	本州东海岸远海	
	26	16										Off east coast of Honshu	
2675	26	10–52–26.9	0.90N	98.80E	96				5.0	1.1	63	苏门答腊北部	
	26	18										Northern Sumatera	
2676	26	19–59–58.8	24.27N	122.55E	91					1.6	12	台湾地区	
	27	03										Taiwan region	
2677	26	22–23–57.9	30.49N	102.98E	15		3.1			4.2	6	四川省	
	27	06										Sichuan Province	
2678	27	01–20–30.6	25.76N	96.37E	24	4.0	3.9		4.4	2.5	30	缅甸——印度边境地区	
	27	09										Burma–India border region	
2679	27	08–27–33.9	21.95N	144.46E	70				5.2	1.2	91	马里亚纳群岛地区	
	27	16										Marianas region	
2680	27	16–04–42.4	5.86N	126.81E	144				5.1	0.9	98	棉兰老岛	
	28	00										Mindanao	
2681	27	23–54–18.0	16.36S	173.11W	32			4.2	5.0	0.9	27	汤加	
	28	07										Tonga	
2682	28	07–51–15.7	6.84S	129.69E	145				4.8	1.5	24	班达海	
	28	15										Banda Sea	
2683	28	20–41–28.2	21.99N	143.84E	12	4.6		4.0	4.9	2.5	42	马里亚纳群岛地区	
	29	04										Marianas region	
2684	28	21–04–49.0	38.35N	73.87E	121				4.6	1.2	46	塔吉克	
	29	05										Tadzhikistan	
2685	28	21–31–44.2	10.97S	165.32E	33			4.8	5.0	1.1	48	圣克鲁斯群岛地区	
	29	05										Santa Cruz Islands region	
2686	29	01–00–16.2	15.30S	73.17W	70	6.2	6.1		6.1	1.7	83	秘鲁南部	
	29	09										Southern Peru	
2687	29	05–48–59.8	25.26S	179.72E	494			5.8	5.7	0.9	88	斐济以南地区	
	29	13										South of Fiji	
2688	29	13–37–14.3	53.10N	159.38E	35				4.8	1.6	22	堪察加东海岸近海	
	29	21										Near east coast of Kamchatka	
2689	29	15–59–54.7	18.25S	168.39E	28			4.8	5.1	1.2	37	瓦努阿图(新赫布里底)	
	29	23										Vanuatu (New Hebrides)	
2690	29	20–21–02.0	39.64N	143.52E	35	4.3			4.5	1.3	36	本州东海岸远海	
	30	04										Off east coast of Honshu	
2691	29	20–32–17.1	30.25N	68.29E	27	4.5			4.7	1.6	30	巴基斯坦	
	30	04										Pakistan	

International Seismological Centre

2692	30	06–54–44.1	26.10S	179.71E	504				4.8	1.0	22	斐济以南地区	
	30	14										South of Fiji	
2693	30	09–37–40.7	22.80S	177.54W	297				5.3	0.9	62	斐济以南地区	
	30	17										South of Fiji	
2694	30	10–09–46.6	1.66N	126.46E	34				4.8	1.3	43	马鲁古海峡	
	30	18										Molucca Passage	
2695	30	11–41–00.1	21.69N	99.20E	25		4.3			2.4	6	缅甸	
	30	19										Burma	
2696	30	14–53–21.4	21.40N	146.07E	32	4.8		4.5	5.0	1.2	71	马里亚纳群岛	
	30	22										Marianas	
2697	30	15–12–38.3	39.83N	113.95E	7		3.5			1.8	12	中国东北部	
	30	23										North–Eastern China	
2698	30	16–45–02.4	21.07N	146.25E	44				4.4	1.4	25	马里亚纳群岛	
	1	00										Marianas	
2699	30	19–45–59.1	23.35S	178.92W	545			5.0		0.9	42	斐济以南地区	
	1	03										South of Fiji	
2700	30	22–48–32.5	2.77N	128.35E	144				4.9	1.2	53	马鲁古海峡	
	1	06										Molucca Passage	

December 1989

2701	1	04–46–31.7	1.24N	123.04E	31	4.9		4.7	4.7	1.4	47	米那哈沙半岛(西里伯斯)	
	1	12										Minahassa Peninsula (Celebes)	
2702	1	04–55–08.1	1.37N	123.14E	72	5.0			4.5	2.8	18	米那哈沙半岛(西里伯斯)	
	1	12										Minahassa Peninsula (Celebes)	
2703	1	04–57–18.1	30.81N	137.20E	489			5.1	4.9	1.2	68	四国东南以远地区	
	1	12										South–east of Shikoku	
2704	1	05–06–10.8	51.71N	178.02W	42	5.2		5.9	5.0	5.6	0.9	88	安德烈亚诺夫群岛
	1	13										Andreanof Islands	
2705	1	09–48–52.7	40.64N	76.48E	14		3.8			3.6	9	吉尔吉斯——新疆边境地区	
	1	17										Kirgiziya–Xinjiang border region	
2706	1	13–44–23.5	30.02N	99.42E	13		3.7			2.7	19	西藏自治区	
	1	21										Tibet	
2707	1	17–32–46.1	40.79N	79.43E	13		4.2			2.6	15	新疆自治区南部	
	2	01										Southern Xinjiang Province	
2708	1	17–35–24.9	40.99N	79.31E	11		4.4			3.8	6	新疆自治区南部	
	2	01										Southern Xinjiang Province	
2709	1	18–59–11.0	14.29S	167.30E	202			5.3	5.1	0.9	74	瓦努阿图(新赫布里底)	
	2	02										Vanuatu (New Hebrides)	
2710	2	04–02–11.0	42.94N	93.99E	18	4.0	4.4			2.6	20	新疆自治区北部	
	2	12										Northern Xinjiang Province	
2711	2	04–24–54.0	9.58S	124.92E	55	4.8		4.6	4.6	2.3	47	帝汶岛	
	2	12										Timor	
2712	2	05–36–32.1	4.45N	96.17E	33				4.9	2.2	15	北苏门答腊西海岸远海	
	2	13										Off west coast of Northern Sumatera	
2713	2	07–52–17.6	0.43N	121.77E	120				5.3	1.2	77	米那哈沙半岛(西里伯斯)	
	2	15										Minahassa Peninsula (Celebes)	
2714	2	12–15–16.9	39.56N	143.08E	33	5.7		5.7	5.5	4.9	1.5	82	本州东海岸近海
	2	20										Near east coast of Honshu	
2715	2	12–20–17.2	39.42N	143.28E	60	5.4			5.4	4.7	2.1	37	本州东海岸近海
	2	20										Near east coast of Honshu	
2716	2	12–50–01.4	39.46N	143.27E	19	4.5			4.3	4.6	1.8	61	本州东海岸近海
	2	20										Near east coast of Honshu	

2717	2	13-36-06.1	39.48N	143.27E	20	4.5			4.5	1.7	61	本州东海岸近海	
	2	21										Near east coast of Honshu	
2718	2	16-05-43.2	39.47N	143.24E	29	4.5		4.3	4.9	1.5	69	本州东海岸近海	
	3	00										Near east coast of Honshu	
2719	2	16-17-49.1	6.38S	154.91E	91				4.9	0.7	14	所罗门群岛	
	3	00										Solomon Islands	
2720	2	19-44-26.1	21.15N	93.75E	52	5.0		5.4	4.6	5.2	1.5	77	缅甸
	3	03										Burma	
2721	2	22-47-58.8	15.78N	147.20E	44	4.4			4.3	5.0	1.2	51	马里亚纳群岛
	3	06										Marianas	
2722	2	23-01-25.7	41.53N	83.17E	21		3.6				3.6	8	新疆自治区南部
	3	07										Southern Xinjiang Province	
2723	3	01-11-37.6	19.85N	144.80E	360					4.7	0.8	42	马里亚纳群岛
	3	09										Marianas	
2724	3	05-26-40.3	15.70N	147.25E	46					4.8	1.1	24	马里亚纳群岛
	3	13										Marianas	
2725	3	07-39-05.8	38.33N	45.16E	10				4.2	4.7	1.3	45	土耳其——伊朗边境地区
	3	15										Turkey-Iran border region	
2726	3	09-45-20.6	23.91N	142.64E	129					5.0	1.2	64	硫黄列岛地区
	3	17										Volcano Islands region	
2727	3	10-58-18.0	21.08N	93.57E	48	4.5	4.5			4.7	2.2	33	缅甸
	3	18										Burma	
2728	3	11-11-53.7	8.89S	113.50E	76	4.9				5.6	1.3	88	爪哇以南地区
	3	19										South of Java	
2729	3	14-16-50.3	7.62S	74.36W	166			6.3		5.9	1.9	80	秘鲁——巴西边境地区
	3	22										Peru-Brazil border region	
2730	3	19-55-06.2	7.38S	128.57E	102					4.9	1.1	55	班达海
	4	03										Banda Sea	
2731	3	21-32-22.9	57.76S	148.04E	25	5.8			5.9	5.2	2.1	23	麦阔里岛以西地区
	4	05										West of Macquarie Island	
2732	3	21-35-02.8	5.03S	152.33E	54	5.2				5.1	1.3	39	新不列颠地区
	4	05										New Britain region	
2733	3	22-59-45.8	22.11N	121.15E	46	3.5	4.0			5.0	1.7	28	台湾地区
	4	06										Taiwan region	
2734	4	03-05-57.7	7.43S	128.12E	138					5.0	1.2	48	班达海
	4	11										Banda Sea	
2735	4	06-42-30.9	15.49S	173.10W	74	5.3		5.9		5.4	1.2	59	汤加
	4	14										Tonga	
2736	4	09-18-35.9	39.72N	143.26E	38					4.3	1.7	23	本州东海岸近海
	4	17										Near east coast of Honshu	
2737	4	14-20-46.0	23.77N	114.52E	17		4.0				2.5	16	中国东南沿海
	4	22										Near south-eastern coast of China	
2738	4	15-36-27.4	32.51N	141.60E	45	4.5			4.2	4.9	1.3	51	本州以南地区
	4	23										South of Honshu	
2739	4	19-44-10.1	44.03N	84.58E	34		3.4				4.0	8	新疆自治区北部
	5	03										Northern Xinjiang Province	
2740	5	01-42-58.1	20.78S	178.43W	604					5.2	0.8	63	斐济地区
	5	09										Fiji region	
2741	5	03-58-47.9	5.83S	133.67E	32				4.4	5.1	1.1	67	阿鲁群岛地区
	5	11										Aroe Islands region	
2742	5	04-40-32.4	16.05S	172.60W	5				4.5	4.9	1.1	12	汤加
	5	12										Tonga	

2743	5	05–07–57.3	23.98N	141.95E	147					4.9	0.9	42	硫黄列岛地区
	5	13											Volcano Islands region
2744	5	10–54–09.6	5.72S	151.03E	61					5.0	1.3	59	新不列颠地区
	5	18											New Britain region
2745	5	18–13–03.6	15.84S	167.61E	178					4.7	0.9	42	瓦努阿图(新赫布里底)
	6	02											Vanuatu (New Hebrides)
2746	5	18–23–27.5	5.64S	149.57E	161					4.8	1.0	58	新不列颠地区
	6	02											New Britain region
2747	5	21–21–14.4	20.79S	178.59W	618					4.7	0.9	41	斐济地区
	6	05											Fiji region
2748	6	01–54–51.7	5.87S	107.57E	315					4.5	0.9	23	爪哇岛
	6	09											Java
2749	6	03–27–04.8	6.76N	123.67E	614					5.1	0.8	53	棉兰老岛
	6	11											Mindanao
2750	6	04–09–25.5	58.23N	32.18W	16				4.0	4.8	1.4	35	北大西洋
	6	12											North Atlantic Ocean
2751	6	05–19–47.9	6.20S	130.46E	118			5.7		5.7	0.9	92	班达海
	6	13											Banda Sea
2752	6	05–33–09.5	43.37N	16.91E	22					4.9	1.9	10	亚得里亚海
	6	13											Adriatic Sea
2753	6	08–41–06.4	32.45N	141.68E	34	4.9		5.0	4.8	5.2	1.3	81	本州以南地区
	6	16											South of Honshu
2754	6	12–53–48.8	30.27N	103.27E	21	4.4	4.1			4.2	2.1	71	四川省
	6	20											Sichuan Province
2755	6	12–56–00.1	63.25N	150.25W	106					4.8	1.1	37	中阿拉斯加
	6	20											Central Alaska
2756	6	13–33–06.4	9.52S	150.90E	39					4.2	1.1	22	新几内亚东部地区
	6	21											Eastern New Guinea region
2757	6	17–09–02.5	32.47N	141.57E	48	4.3			4.1	5.0	1.4	58	本州以南地区
	7	01											South of Honshu
2758	6	20–54–20.2	32.53N	121.64E	8		3.2				4.2	7	中国东部
	7	04											Eastern China
2759	6	22–01–48.6	42.12N	83.67E	26		3.5				2.5	7	新疆自治区南部
	7	06											Southern Xinjiang Province
2760	7	01–11–36.5	1.31N	128.86E	33					4.6	1.1	21	查伊洛洛贾洛洛(哈马黑拉)岛
	7	09											Djailolo Gilolo (Halmahera)
2761	7	12–59–33.9	25.96N	59.19E	9	6.1		6.3	5.7	5.7	0.8	83	伊朗南部
	7	20											Southern Iran
2762	7	13–38–43.6	6.34S	146.63E	101			6.2		6.0	1.2	89	新几内亚东部地区
	7	21											Eastern New Guinea region
2763	7	15–29–15.1	52.59N	167.81W	51	5.0			4.6	4.8	1.4	41	福克斯群岛
	7	23											Fox Islands
2764	7	16–38–34.0	4.18S	76.58W	111					5.0	2.7	24	秘鲁北部
	8	00											Northern Peru
2765	7	18–01–18.0	37.54N	115.14E	10		3.1				2.3	13	中国东北部
	8	02											North–Eastern China
2766	7	18–21–51.0	25.84N	58.80E	30					4.5	1.9	19	伊朗南部
	8	02											Southern Iran
2767	7	23–15–28.2	17.96N	146.61E	78	4.7				5.0	1.9	47	马里亚纳群岛
	8	07											Marianas
2768	8	00–04–25.7	21.23N	93.72E	47	4.9		5.5	4.5	5.6	2.0	81	缅甸
	8	08											Burma

International Seismological Centre

2769	8	02–47–53.1	21.11N	93.73E	55				3.9	2.4	29	缅甸	
	8	10										Burma	
2770	8	04–10–44.1	31.54N	102.65E	20		3.1			3.7	6	四川省	
	8	12										Sichuan Province	
2771	8	10–23–11.8	10.12N	126.51E	43	6.2		6.0	5.9	5.7	1.2	91	棉兰老岛
	8	18										Mindanao	
2772	8	10–53–20.4	10.03N	126.41E	99					4.7	1.1	24	棉兰老岛
	8	18										Mindanao	
2773	8	12–12–57.9	32.31N	140.99E	61	4.6		5.3		5.7	1.4	87	本州以南地区
	8	20										South of Honshu	
2774	8	13–05–16.4	39.93N	113.79E	9		3.7				2.7	21	中国东北部
	8	21										North–Eastern China	
2775	8	15–00–00.4	37.26N	116.44W	11				4.2	5.5	0.8	35	40
	8	23										California–Nevada border region	
2776	8	17–23–29.0	36.51N	140.91E	47	5.1		5.6	5.2	5.4	1.6	90	本州东海岸近海
	9	01										Near east coast of Honshu	
2777	8	19–27–46.2	10.22N	126.20E	48					4.7	1.2	31	棉兰老岛
	9	03										Mindanao	
2778	8	20–20–31.1	23.83N	118.78E	15		3.5				4.8	5	台湾地区
	9	04										Taiwan region	
2779	8	22–18–48.9	10.02N	126.33E	86	4.4				5.1	1.2	46	棉兰老岛
	9	06										Mindanao	
2780	8	23–04–50.3	39.77N	113.84E	7	4.1	4.3				2.6	44	中国东北部
	9	07										North–Eastern China	
2781	9	10–28–27.2	26.56N	126.41E	149					4.5	1.3	47	台湾东北以远地区
	9	18										North–east of Taiwan	
2782	9	11–24–47.0	39.79N	113.82E	8		3.3				2.1	17	中国东北部
	9	19										North–Eastern China	
2783	9	11–32–27.2	22.76N	94.49E	108					4.8	1.5	59	缅甸——印度边境地区
	9	19										Burma–India border region	
2784	9	14–34–00.3	10.27N	126.37E	43	4.8		5.2		5.0	1.6	61	棉兰老岛
	9	22										Mindanao	
2785	9	15–56–27.6	5.26S	135.81E	33					5.2	1.2	30	西伊里安地区
	9	23										West Irian region	
2786	9	19–35–33.8	3.67N	128.09E	156					5.4	1.4	26	263
	10	03										Talaud Islands	
2787	9	20–38–07.8	0.16N	123.64E	150			6.8		6.2	1.0	93	米那哈沙半岛(西里伯斯)
	10	04										Minahassa Peninsula (Celebes)	
2788	9	20–59–31.6	38.26N	75.03E	94					5.1	2.1	24	塔吉克——新疆边境地区
	10	04										Tadzhikistan–Xinjiang border region	
2789	10	01–18–47.1	12.74N	125.09E	56	4.7			4.4	5.1	1.3	76	萨马岛
	10	09										Samar	
2790	10	02–53–58.4	12.75N	125.52E	35					4.7	1.3	29	萨马岛
	10	10										Samar	
2791	10	03–59–31.5	4.48S	135.41E	33					4.8	1.4	30	西伊里安地区
	10	11										West Irian region	
2792	10	11–58–14.7	24.76N	70.89E	33	4.4				4.7	2.1	27	印度——巴基斯坦边境地区
	10	19										India–Pakistan border region	
2793	10	19–55–24.9	55.52N	98.20E	30	4.3				4.2	2.0	18	中俄罗斯
	11	03										Central Russia	
2794	10	20–15–49.7	23.79N	121.65E	15		3.5				2.7	11	台湾岛
	11	04										Taiwan	

International Seismological Centre

2795	10	21–29–28.1	2.05S	152.13E	62			3.6	4.3	1.8	31	新爱尔兰地区
	11	05										New Ireland region
2796	11	04–46–05.0	44.01N	139.83E	234		4.6		4.7	1.2	55	日本海东部
	11	12										Eastern Sea of Japan
2797	11	07–37–53.8	40.51N	122.42E	16	3.3				4.1	9	中国东北部
	11	15										North–Eastern China
2798	11	10–04–55.5	10.17N	126.27E	69	4.3			4.8	1.2	38	棉兰老岛
	11	18										Mindanao
2799	11	16–00–12.2	18.56S	169.00E	205		5.6		5.5	1.2	83	瓦努阿图(新赫布里底)
	12	00										Vanuatu (New Hebrides)
2800	11	16–19–23.6	2.97S	131.00E	31				4.4	1.9	11	斯兰岛
	12	00										Seram
2801	11	17–28–48.1	16.09S	172.62W	20			4.9	4.9	1.6	13	汤加
	12	01										Tonga
2802	12	05–09–09.9	24.77N	101.50E	16	3.4				1.7	6	云南省
	12	13										Yunnan Province
2803	12	06–57–01.9	9.95N	126.39E	43				4.7	1.5	28	棉兰老岛
	12	14										Mindanao
2804	12	08–33–55.3	4.67S	130.89E	74	5.4	6.1		5.8	0.8	90	班达海
	12	16										Banda Sea
2805	12	11–02–56.2	4.29S	135.53E	31	4.8		4.5	4.9	1.2	58	西伊里安地区
	12	19										West Irian region
2806	12	16–15–36.9	20.74S	67.22W	197				5.0	1.3	46	智利——玻利维亚边境地区
	13	00										Chile–Bolivia border region
2807	12	19–15–33.8	13.02N	120.26E	158			4.1	4.8	2.7	29	菲律宾群岛地区
	13	03										Philippine Islands region
2808	12	22–07–06.6	24.80N	101.58E	17	4.0	3.8			3.0	18	云南省
	13	06										Yunnan Province
2809	13	01–10–10.5	39.89N	113.97E	8	4.0	4.1			2.4	36	中国东北部
	13	09										North–Eastern China
2810	13	01–15–37.5	39.92N	113.87E	14		3.2			0.9	11	中国东北部
	13	09										North–Eastern China
2811	13	01–40–17.8	3.22S	130.21E	84				4.8	1.2	17	斯兰岛
	13	09										Seram
2812	13	07–23–09.4	38.51N	73.80E	92				5.0	2.0	29	塔吉克——新疆边境地区
	13	15										Tadzhikistan–Xinjiang border region
2813	13	14–48–06.3	22.99N	121.14E	5	4.1	4.0			2.2	22	台湾岛
	13	22										Taiwan
2814	13	19–18–21.3	17.99S	178.41W	622				4.5	0.8	26	斐济地区
	14	03										Fiji region
2815	13	19–48–49.7	17.89S	178.43W	533				4.4	0.9	22	斐济地区
	14	03										Fiji region
2816	14	02–12–56.8	21.77N	144.50E	77				4.6	1.6	16	马里亚纳群岛地区
	14	10										Marianas region
2817	14	04–13–02.3	37.67N	115.39E	20	3.9				2.1	30	中国东北部
	14	12										North–Eastern China
2818	14	04–25–02.5	36.30N	141.22E	61				4.5	1.5	34	本州东海岸近海
	14	12										Near east coast of Honshu
2819	14	10–38–36.1	1.01N	126.09E	33				4.9	1.1	40	马鲁古海峡
	14	18										Molucca Passage
2820	14	13–02–45.1	6.28S	122.80E	43				4.7	1.4	19	佛罗勒斯海
	14	21										Flores Sea

International Seismological Centre

2821	14	16-04-53.9	46.85N	86.40E	31		3.4				2.2	6	新疆自治区北部
	15	00											Northern Xinjiang Province
2822	14	18-27-04.0	8.72N	126.90E	39					4.8	1.1	50	棉兰老岛
	15	02											Mindanao
2823	14	19-13-52.4	10.33S	161.45E	34	5.8		5.9	5.8	5.6	0.9	78	所罗门群岛
	15	03											Solomon Islands
2824	15	06-24-17.6	24.85N	126.68E	53					4.6	2.9	22	琉球群岛
	15	14											Ryukyu Islands
2825	15	07-31-50.4	24.45N	122.02E	22	4.0	4.1				2.1	41	台湾岛
	15	15											Taiwan
2826	15	08-12-00.2	24.75N	101.49E	5		3.7				2.8	10	云南省
	15	16											Yunnan Province
2827	15	12-30-57.2	11.15S	162.31E	35	5.3			5.0	5.2	1.3	48	所罗门群岛
	15	20											Solomon Islands
2828	15	13-39-28.1	6.32S	104.44E	62	4.6				5.1	0.9	56	苏门答腊西南以远地区
	15	21											South-west of Sumatera
2829	15	17-51-14.4	25.86N	99.56E	17		3.2				4.7	6	云南省
	16	01											Yunnan Province
2830	15	18-43-43.9	8.39N	126.76E	23	7.2		6.8	7.3	6.2	1.4	89	棉兰老岛
	16	02											Mindanao
2831	15	18-53-38.3	8.47N	126.66E	35					6.0	1.0	36	棉兰老岛
	16	02											Mindanao
2832	15	18-57-25.4	7.94N	126.87E	43					5.7	1.2	36	棉兰老岛
	16	02											Mindanao
2833	15	19-26-00.3	8.01N	126.88E	33					5.6	1.4	33	棉兰老岛
	16	03											Mindanao
2834	15	19-34-23.0	8.49N	126.56E	32					4.9	1.0	44	棉兰老岛
	16	03											Mindanao
2835	15	19-36-22.1	8.17N	126.70E	38					5.2	1.3	29	棉兰老岛
	16	03											Mindanao
2836	15	19-46-56.7	8.38N	126.88E	41					5.0	1.2	35	棉兰老岛
	16	03											Mindanao
2837	15	19-47-42.3	8.16N	126.77E	35					4.8	1.2	9	棉兰老岛
	16	03											Mindanao
2838	15	19-58-13.4	8.40N	126.58E	32					4.7	0.9	33	棉兰老岛
	16	03											Mindanao
2839	15	20-16-49.3	7.77N	126.62E	42					4.8	0.9	18	棉兰老岛
	16	04											Mindanao
2840	15	20-26-25.1	7.88N	126.58E	38					4.7	1.3	22	棉兰老岛
	16	04											Mindanao
2841	15	20-44-36.7	8.16N	126.82E	42	5.4		5.1		5.3	1.4	70	棉兰老岛
	16	04											Mindanao
2842	15	21-06-44.3	7.82N	126.84E	39					5.1	1.5	50	棉兰老岛
	16	05											Mindanao
2843	15	21-20-18.4	8.30N	126.73E	32					4.9	1.4	43	棉兰老岛
	16	05											Mindanao
2844	15	21-21-41.7	7.93N	126.65E	37					4.9	1.3	32	棉兰老岛
	16	05											Mindanao
2845	15	22-21-04.4	7.92N	126.75E	43					4.7	1.0	25	棉兰老岛
	16	06											Mindanao
2846	15	23-26-21.4	7.85N	126.59E	39					4.9	0.8	26	棉兰老岛
	16	07											Mindanao

International Seismological Centre

2847	16	00–11–32.6	6.38N	124.97E	35				4.8	2.0	13	棉兰老岛	
	16	08										Mindanao	
2848	16	00–33–36.4	8.49N	126.90E	36	5.7	6.0	5.4	5.3	1.3	83	棉兰老岛	
	16	08										Mindanao	
2849	16	00–53–44.7	8.48N	126.78E	29	5.5	5.9	5.5	5.4	1.1	75	棉兰老岛	
	16	08										Mindanao	
2850	16	02–40–47.2	3.50S	131.28E	25	4.9		5.1	5.5	1.1	77	班达海	
	16	10										Banda Sea	
2851	16	04–06–26.0	8.07N	126.88E	35	5.0		4.6	5.0	1.6	57	棉兰老岛	
	16	12										Mindanao	
2852	16	06–34–23.3	7.75N	126.72E	32				4.7	1.2	20	棉兰老岛	
	16	14										Mindanao	
2853	16	08–54–26.9	8.22N	126.67E	24				4.8	1.6	19	棉兰老岛	
	16	16										Mindanao	
2854	16	10–24–44.8	8.03N	126.88E	30	5.2	5.5	5.0	5.3	1.8	74	棉兰老岛	
	16	18										Mindanao	
2855	16	10–35–31.4	8.00N	127.01E	34	5.0			4.9	1.3	40	棉兰老岛	
	16	18										Mindanao	
2856	16	10–40–20.1	7.83N	126.87E	37	5.2		5.3	5.5	1.6	72	棉兰老岛	
	16	18										Mindanao	
2857	16	10–45–40.7	38.57N	138.92E	25				5.0	2.3	20	本州西海岸近海	
	16	18										Near west coast of Honshu	
2858	16	11–05–14.6	8.41N	126.69E	35	4.9		4.7	5.1	1.5	71	棉兰老岛	
	16	19										Mindanao	
2859	16	12–13–47.5	7.61N	127.07E	33				5.1	2.3	29	棉兰老岛	
	16	20										Mindanao	
2860	16	12–46–38.0	39.70N	143.52E	26	4.7		4.2	4.9	1.6	75	本州东海岸远海	
	16	20										Off east coast of Honshu	
2861	16	12–55–36.3	7.73N	127.03E	35				5.1	1.4	20	棉兰老岛	
	16	20										Mindanao	
2862	16	14–16–34.7	39.75N	143.66E	35				4.6	1.6	40	本州东海岸远海	
	16	22										Off east coast of Honshu	
2863	16	14–55–41.2	7.99N	126.92E	41	4.3			4.8	1.3	52	棉兰老岛	
	16	22										Mindanao	
2864	16	15–22–42.5	7.77N	126.95E	34			3.9	4.9	1.6	37	棉兰老岛	
	16	23										Mindanao	
2865	16	16–02–14.6	24.65N	101.44E	8		3.4			1.5	10	云南省	
	17	00										Yunnan Province	
2866	16	16–11–38.5	24.57N	101.34E	11		3.4			2.5	12	云南省	
	17	00										Yunnan Province	
2867	16	17–20–54.3	24.64N	101.65E	26		3.2			3.7	5	云南省	
	17	01										Yunnan Province	
2868	16	17–49–54.0	8.17N	126.77E	36	5.1		5.4	4.9	5.4	1.5	72	棉兰老岛
	17	01										Mindanao	
2869	16	17–56–19.4	4.56S	135.34E	33	5.1			5.3	1.2	33	阿鲁群岛地区	
	17	01										Aroe Islands region	
2870	16	18–15–59.6	8.13N	126.25E	39				4.6	0.8	14	棉兰老岛	
	17	02										Mindanao	
2871	16	20–55–36.7	34.68N	57.55E	33	4.9		4.4	4.5	1.6	43	伊朗	
	17	04										Iran	
2872	16	22–40–37.2	26.04N	128.50E	32	5.0	5.0		4.9	1.5	69	琉球群岛	
	17	06										Ryukyu Islands	

2873	16	22–41–08.3	35.91N	116.84E	9		3.0				4.3	6	中国东部 Eastern China
	17	06											
2874	16	23–25–35.3	40.11N	143.13E	24	5.7		5.9	5.3	5.7	1.4	86	本州东海岸近海 Near east coast of Honshu
	17	07											
2875	17	00–11–24.8	7.78N	126.84E	45	4.7			4.3	4.7	1.4	46	棉兰老岛 Mindanao
	17	08											
2876	17	00–27–46.2	7.93N	126.82E	47	4.6		5.2	4.4	5.1	1.2	65	棉兰老岛 Mindanao
	17	08											
2877	17	00–39–37.9	6.45S	154.36E	28	4.9				5.1	0.9	59	新不列颠地区 New Britain region
	17	08											
2878	17	02–12–21.8	3.75S	127.60E	23					5.2	1.0	71	班达海 Banda Sea
	17	10											
2879	17	03–00–32.2	33.21N	135.53E	30	4.1				4.7	2.1	23	四国东南以远地区 South–east of Shikoku
	17	11											
2880	17	03–12–17.1	8.51S	92.19E	24	5.5		5.8	5.3	5.4	1.2	83	南印度洋 South Indian Ocean
	17	11											
2881	17	05–30–25.8	33.17N	142.26E	39	4.8		5.2	4.5	5.6	1.3	84	本州以南地区 South of Honshu
	17	13											
2882	17	06–31–19.8	29.77N	99.35E	16		3.4				3.6	11	西藏自治区 Tibet
	17	14											
2883	17	07–05–34.6	8.87N	126.73E	38	4.5		5.1	4.2	5.1	0.9	52	棉兰老岛 Mindanao
	17	15											
2884	17	07–32–31.1	1.10S	78.39W	32					4.9	2.3	28	厄瓜多尔 Ecuador
	17	15											
2885	17	08–11–04.9	39.57N	143.29E	20	5.1		5.6	4.9	5.2	1.4	83	本州东海岸近海 Near east coast of Honshu
	17	16											
2886	17	08–58–14.5	44.22N	146.96E	90					4.6	1.3	39	千岛群岛 Kurile Islands
	17	16											
2887	17	09–54–36.2	32.28N	132.96E	38					4.3	1.9	33	四国东南以远地区 South–east of Shikoku
	17	17											
2888	17	10–35–57.0	8.38N	126.79E	31	5.0		5.3	4.7	5.2	1.6	78	棉兰老岛 Mindanao
	17	18											
2889	17	11–14–59.4	23.27N	125.80E	16	3.9	3.5			4.9	1.1	36	台湾东南以远地区 South–east of Taiwan
	17	19											
2890	17	12–38–25.6	8.33N	126.87E	42	4.6			4.3	4.7	1.3	43	棉兰老岛 Mindanao
	17	20											
2891	17	14–34–25.2	8.58N	126.74E	39	5.8		5.9	5.6	5.6	1.1	88	棉兰老岛 Mindanao
	17	22											
2892	17	15–46–49.4	8.77N	126.77E	36					4.7	1.4	41	棉兰老岛 Mindanao
	17	23											
2893	17	17–09–52.5	8.78N	126.73E	34	4.4		4.9	4.0	4.8	1.1	36	棉兰老岛 Mindanao
	18	01											
2894	17	18–48–17.2	10.06N	126.35E	34	4.5			4.1	5.0	1.3	51	棉兰老岛 Mindanao
	18	02											
2895	17	18–58–52.2	7.80N	127.05E	11	4.9		5.5	4.8	5.0	1.9	39	棉兰老岛 Mindanao
	18	02											
2896	17	19–38–15.6	8.37N	126.73E	38	4.8			4.5	5.3	1.1	72	棉兰老岛 Mindanao
	18	03											
2897	17	21–44–50.8	35.68N	69.29E	102					4.9	1.2	60	兴都库什地区 Hindu Kush region
	18	05											
2898	17	22–30–35.2	6.92N	93.92E	34					4.9	1.1	29	尼科巴群岛地区 Nicobar Islands region
	18	06											

International Seismological Centre

2899	18	00–48–10.9	7.61N	127.13E	32	4.5			5.2	1.6	27	棉兰老岛	
	18	08										Mindanao	
2900	18	02–43–09.1	10.07N	126.17E	33	4.3		3.9	4.9	1.6	30	棉兰老岛	
	18	10										Mindanao	
2901	18	03–08–42.9	10.05N	126.30E	33	4.5		3.8	5.0	1.3	47	棉兰老岛	
	18	11										Mindanao	
2902	18	03–38–51.3	10.04N	126.35E	21	4.4		4.0	5.3	1.3	69	棉兰老岛	
	18	11										Mindanao	
2903	18	05–27–33.4	31.41N	102.36E	16		3.1			4.0	7	四川省	
	18	13										Sichuan Province	
2904	18	06–10–53.7	8.29N	126.94E	33	4.7		4.2	5.0	1.2	54	棉兰老岛	
	18	14										Mindanao	
2905	18	07–13–02.5	0.88N	28.98W	8	5.7		5.3	5.7	2.5	34	中大西洋中部海岭	
	18	15										Central Mid–Atlantic Ridge	
2906	18	08–17–24.4	8.06N	127.10E	30	4.5			4.4	1.6	15	259	
	18	16										Mindanao	
2907	18	09–40–04.1	7.97N	127.08E	31			4.5	4.9	1.5	22	棉兰老岛	
	18	17										Mindanao	
2908	18	10–26–12.9	9.99N	126.35E	24	4.4		4.5	5.0	1.7	45	棉兰老岛	
	18	18										Mindanao	
2909	18	13–32–09.0	40.29N	74.02E	34	4.6	4.3		4.9	2.3	28	塔吉克——新疆边境地区	
	18	21										Tadzhikistan–Xinjiang border region	
2910	18	14–24–35.7	10.24N	127.03E	31	4.2			5.1	1.0	51	棉兰老岛	
	18	22										Mindanao	
2911	18	16–12–46.6	7.92N	127.11E	33	4.7		4.2	4.7	2.2	32	棉兰老岛	
	19	00										Mindanao	
2912	18	16–31–47.0	7.97N	127.20E	41			4.0	4.3	1.6	21	棉兰老岛	
	19	00										Mindanao	
2913	18	17–09–33.9	15.20S	167.48E	132				5.3	0.9	46	瓦努阿图(新赫布里底)	
	19	01										Vanuatu (New Hebrides)	
2914	19	07–03–17.3	8.02N	126.88E	38	5.2	5.7	4.8	5.5	1.2	83	棉兰老岛	
	19	15										Mindanao	
2915	19	07–27–54.8	8.05N	127.01E	32	5.1	5.6	4.7	5.1	1.6	64	棉兰老岛	
	19	15										Mindanao	
2916	19	07–34–03.0	39.06N	112.79E	18		2.9			3.9	9	中国东北部	
	19	15										North–Eastern China	
2917	19	09–43–56.7	8.51N	127.04E	36	4.6		4.0	4.9	1.7	60	259	
	19	17										Mindanao	
2918	19	10–30–48.4	8.37N	126.70E	42	4.6		4.4	5.0	0.9	50	棉兰老岛	
	19	18										Mindanao	
2919	19	13–41–28.9	7.79N	127.06E	44	4.8		4.3	5.4	1.5	67	棉兰老岛	
	19	21										Mindanao	
2920	19	15–37–07.1	8.45N	127.16E	28			4.0	4.5	2.2	28	棉兰老岛	
	19	23										Mindanao	
2921	19	22–36–16.1	39.95N	113.78E	18		3.3			3.0	9	中国东北部	
	20	06										North–Eastern China	
2922	20	00–08–19.7	8.17N	126.86E	20	6.7		6.6	6.3	6.0	1.1	89	棉兰老岛
	20	08										Mindanao	
2923	20	00–28–33.0	8.19N	126.80E	33					5.1	1.0	18	棉兰老岛
	20	08										Mindanao	
2924	20	00–37–22.8	8.35N	127.00E	31					5.0	1.3	31	棉兰老岛
	20	08										Mindanao	

2925	20	00–51–15.0	8.30N	126.97E	38				5.4	1.1	70	棉兰老岛	
	20	08										Mindanao	
2926	20	04–02–10.5	8.07N	126.68E	33				4.6	1.4	8	棉兰老岛	
	20	12										Mindanao	
2927	20	04–23–44.9	34.96S	179.73W	27	5.6		5.6	5.5	2.0	31	新西兰北岛以东地区	
	20	12										East of North Island, New Zealand	
2928	20	04–48–51.9	5.66S	130.75E	74	5.0			4.9	1.4	42	班达海	
	20	12										Banda Sea	
2929	20	06–18–37.4	8.37N	127.05E	38				4.8	1.9	24	棉兰老岛	
	20	14										Mindanao	
2930	20	07–00–36.3	27.35N	101.54E	22	3.7	3.3			2.9	16	云南省	
	20	15										Yunnan Province	
2931	20	07–10–09.4	8.32N	127.12E	38				4.3	1.3	21	棉兰老岛	
	20	15										Mindanao	
2932	20	07–22–58.1	51.51N	175.80W	55				4.8	0.9	31	安德烈亚诺夫群岛	
	20	15										Andreanof Islands	
2933	20	07–38–41.4	7.40N	126.95E	73	4.9			5.2	1.4	45	棉兰老岛	
	20	15										Mindanao	
2934	20	08–35–19.7	8.25N	126.83E	39	5.8	5.9	5.3	5.8	1.1	92	棉兰老岛	
	20	16										Mindanao	
2935	20	09–04–13.4	39.94N	142.60E	71				4.7	1.8	47	本州东海岸近海	
	20	17										Near east coast of Honshu	
2936	20	09–12–06.0	8.19N	126.73E	33				5.0	1.0	36	棉兰老岛	
	20	17										Mindanao	
2937	20	12–45–45.9	38.40N	104.88E	17		3.8			2.8	12	中国北部	
	20	20										Northern China	
2938	20	13–01–06.9	38.15N	135.41E	372			4.8	4.6	1.1	69	日本海	
	20	21										Sea of Japan	
2939	20	13–57–53.1	8.18N	127.04E	34	4.6		4.2	4.9	2.0	51	棉兰老岛	
	20	21										Mindanao	
2940	20	15–41–07.7	8.44N	126.94E	31				4.9	1.7	42	棉兰老岛	
	20	23										Mindanao	
2941	20	16–12–39.1	41.40N	142.40E	75				4.5	1.8	24	本州东海岸近海	
	21	00										Near east coast of Honshu	
2942	20	17–27–53.3	8.29N	126.93E	30				5.1	1.5	51	棉兰老岛	
	21	01										Mindanao	
2943	20	19–20–34.6	8.28N	126.78E	67				4.7	0.7	19	棉兰老岛	
	21	03										Mindanao	
2944	20	20–18–11.3	8.26N	126.84E	70	4.9		5.3	4.9	1.3	74	棉兰老岛	
	21	04										Mindanao	
2945	20	21–47–50.9	36.51N	73.98E	5		4.0			2.1	10	克什米尔西北部	
	21	05										North–Western Kashmir	
2946	20	22–17–49.5	36.20N	69.91E	141				4.7	1.3	37	兴都库什地区	
	21	06										Hindu Kush region	
2947	20	22–55–54.5	8.28N	126.81E	51	4.5			4.9	1.3	50	棉兰老岛	
	21	06										Mindanao	
2948	20	23–45–57.5	58.78S	25.21W	36				5.5	2.7	36	南桑德韦奇群岛地区	
	21	07										South Sandwich Islands region	
2949	21	00–33–59.6	55.36S	28.48W	26				5.2	2.5	16	南桑德韦奇群岛地区	
	21	08										South Sandwich Islands region	
2950	21	07–43–21.6	8.82N	126.46E	85				4.5	0.8	15	棉兰老岛	
	21	15										Mindanao	

International Seismological Centre

2951	21	08–08–03.4	3.27N	96.35E	20	5.0		4.7	5.6	1.2	71	北苏门答腊西海岸远海	
	21	16										Off west coast of Northern Sumatera	
2952	21	11–53–29.9	77.47N	7.05E	9			4.6	4.4	1.4	14	斯瓦巴德地区	
	21	19										Svalbard region	
2953	21	12–20–19.9	55.60N	162.67W	153				4.7	1.3	19	乌尼马克岛地区	
	21	20										Unimak Island region	
2954	21	14–12–50.0	14.52N	146.86E	50	4.6		4.4	4.9	0.9	70	马里亚纳群岛	
	21	22										Marianas	
2955	21	16–15–00.8	6.51S	153.03E	44				4.2	1.0	36	新不列颠地区	
	22	00										New Britain region	
2956	21	16–40–08.9	3.07N	96.19E	22	4.7			5.3	1.7	43	北苏门答腊西海岸远海	
	22	00										Off west coast of Northern Sumatera	
2957	21	16–49–12.2	45.34N	150.21E	46	5.8	6.1	5.8	5.9	1.2	92	千岛群岛	
	22	00										Kurile Islands	
2958	21	22–21–11.7	24.14N	122.19E	17	4.4	4.4		4.8	2.3	51	台湾岛	
	22	06										Taiwan	
2959	22	00–32–47.0	36.35N	141.22E	43	4.2		4.3	4.9	1.7	71	本州东海岸近海	
	22	08										Near east coast of Honshu	
2960	22	02–01–46.1	8.01N	126.71E	89				4.6	0.8	27	棉兰老岛	
	22	10										Mindanao	
2961	22	04–44–12.4	8.46N	127.05E	32			3.8	4.6	2.0	18	棉兰老岛	
	22	12										Mindanao	
2962	22	08–47–27.4	12.42S	166.70E	38				5.1	1.1	42	圣克鲁斯群岛	
	22	16										Santa Cruz Islands	
2963	22	10–00–42.2	23.92N	122.48E	11		3.3			2.5	8	台湾岛	
	22	18										Taiwan	
2964	22	12–24–25.2	28.88N	94.66E	33	4.2			4.8	2.1	32	印度——中国边境地区	
	22	20										India–China border region	
2965	22	13–57–27.0	36.57N	70.86E	181				4.8	1.4	22	兴都库什地区	
	22	21										Hindu Kush region	
2966	22	21–09–38.3	6.84S	124.91E	551				5.2	0.9	75	班达海	
	23	05										Banda Sea	
2967	22	23–59–45.3	8.57N	126.75E	36	5.2	5.5	4.9	5.1	1.4	70	棉兰老岛	
	23	07										Mindanao	
2968	23	01–32–40.1	30.34S	178.12W	15				5.3	0.9	25	克马德克群岛	
	23	09										Kermadec Islands	
2969	23	11–24–01.5	17.57N	146.08E	162		5.8		5.9	1.0	91	马里亚纳群岛	
	23	19										Marianas	
2970	23	16–59–47.2	2.60N	128.75E	265				4.9	1.0	48	查伊洛洛贾洛洛(哈马黑拉)岛	
	24	00										Djailolo Gilolo (Halmahera)	
2971	23	23–39–10.5	52.63S	140.68E	16				4.7	1.5	25	麦阔里岛以西地区	
	24	07										West of Macquarie Island	
2972	24	02–36–04.4	40.35N	111.77E	22		3.1			2.4	10	中国东北部	
	24	10										North–Eastern China	
2973	24	12–25–07.0	1.83S	133.80E	35				4.8	1.2	27	西伊里安地区	
	24	20										West Irian region	
2974	24	13–53–47.2	19.94S	177.36W	397				4.7	1.0	21	斐济地区	
	24	21										Fiji region	
2975	24	17–36–36.2	20.39S	168.98E	43				4.7	1.0	29	洛亚尔提群岛	
	25	01										Loyalty Islands	
2976	24	18–49–12.3	33.63N	138.58E	255				4.5	1.1	56	本州以南地区	
	25	02										South of Honshu	

International Seismological Centre

2977	24	18-50-24.3	40.68N	79.45E	9		4.3				3.0	14	新疆自治区南部
	25	02											Southern Xinjiang Province
2978	24	19-24-34.2	35.59N	111.22E	12	4.4	4.7			4.5	2.2	67	中国东部
	25	03											Eastern China
2979	24	20-26-20.8	40.25N	119.05E	10	3.6	4.5			4.6	2.8	52	中国东北部
	25	04											North-Eastern China
2980	25	04-25-50.0	60.12N	73.62W	9				4.6	5.1	1.0	32	魁北克省北部
	25	12											Northern Quebec Province
2981	25	08-47-19.5	36.24N	141.03E	48	4.2				4.7	1.6	58	本州东海岸近海
	25	16											Near east coast of Honshu
2982	25	09-13-47.4	23.49N	121.52E	41		4.2			3.8	1.7	23	台湾地区
	25	17											Taiwan region
2983	25	13-24-04.9	31.59N	99.65E	12	4.5	4.1			4.0	2.7	46	四川省
	25	21											Sichuan Province
2984	25	14-24-32.2	60.11N	73.55W	9	6.4		6.3	6.3	6.2	0.8	87	魁北克省北部
	25	22											Northern Quebec Province
2985	25	14-50-57.1	59.51S	26.03W	30					5.1	2.1	27	南桑德韦奇群岛地区
	25	22											South Sandwich Islands region
2986	25	17-34-00.9	35.54N	80.92E	10		4.2				2.7	7	克什米尔——西藏边境地区
	26	01											Kashmir-Tibet border region
2987	25	19-50-18.3	1.65N	127.27E	102			5.7		5.6	0.8	88	马鲁古海峡
	26	03											Molucca Passage
2988	25	23-14-47.8	21.36S	68.24W	84					5.3	1.9	25	智利——玻利维亚边境地区
	26	07											Chile-Bolivia border region
2989	26	01-30-14.1	41.64S	84.18W	19	5.7		6.0	5.8	5.9	1.7	41	西智利海丘
	26	09											West Chile Rise
2990	26	09-42-02.9	37.28N	71.09E	27		4.6			4.5	2.4	16	兴都库什地区
	26	17											Hindu Kush region
2991	26	12-40-22.2	6.27S	154.34E	75					4.4	1.5	32	新不列颠地区
	26	20											New Britain region
2992	26	17-41-03.8	2.27N	126.59E	56					5.3	1.1	80	马鲁古海峡
	27	01											Molucca Passage
2993	26	23-22-38.2	23.75N	120.86E	13		3.9				1.8	13	台湾岛
	27	07											Taiwan
2994	27	04-19-43.4	0.97N	126.11E	62	4.9				5.1	1.1	70	马鲁古海峡
	27	12											Molucca Passage
2995	27	07-19-58.0	8.55N	126.88E	35	4.6			4.4	4.9	1.4	48	棉兰老岛
	27	15											Mindanao
2996	27	14-31-30.0	32.57N	47.91E	43					4.5	1.4	30	伊朗——伊拉克边境地区
	27	22											Iran-Iraq border region
2997	27	19-24-07.5	4.94S	103.08E	61					5.3	1.0	66	苏门答腊南部
	28	03											Southern Sumatera
2998	27	20-01-04.6	4.48S	102.88E	66	4.9				5.4	1.0	79	苏门答腊南部
	28	04											Southern Sumatera
2999	27	21-45-57.6	22.39N	143.55E	128					4.3	1.3	31	马里亚纳群岛地区
	28	05											Marianas region
3000	27	23-26-56.8	32.96S	151.64E	10					5.4	0.8	65	澳大利亚东南海岸近海
	28	07											Near south-east coast of Australia
3001	28	09-13-17.4	19.78N	155.38W	7				4.5	5.0	1.1	39	夏威夷群岛
	28	17											Hawaiian Islands
3002	28	13-41-15.5	16.51S	69.36W	194					5.0	1.9	41	秘鲁——玻利维亚边境地区
	28	21											Peru-Bolivia border region

International Seismological Centre

3003	28	14–29–27.9	40.54N	63.41E	29	4.6			4.7	1.3	40	乌兹别克	
	28	22										Uzbekistan	
3004	28	17–12–48.8	6.71S	112.59E	36				4.9	1.3	39	爪哇岛	
	29	01										Java	
3005	29	02–21–32.6	35.66N	76.22E	22		4.3			3.4	8	克什米尔东部	
	29	10										Eastern Kashmir	
3006	29	04–20–29.4	28.88N	67.20E	15	4.6			4.7	1.4	57	巴基斯坦	
	29	12										Pakistan	
3007	29	05–49–16.6	39.29N	106.98E	11		3.9		3.8	2.2	23	中国北部	
	29	13										Northern China	
3008	29	11–09–50.3	31.46N	60.57E	33	4.5		4.3	4.7	1.4	45	伊朗	
	29	19										Iran	
3009	29	14–36–47.6	18.79S	175.36W	264				4.8	1.0	45	汤加	
	29	22										Tonga	
3010	29	15–51–07.6	24.76N	94.50E	96				4.4	1.8	30	缅甸——印度边境地区	
	29	23										Burma–India border region	
3011	29	17–00–58.9	15.77N	147.27E	41	4.6			5.0	1.1	55	马里亚纳群岛	
	30	01										Marianas	
3012	29	18–59–03.1	7.85N	126.94E	57	4.4		3.8	4.4	1.1	29	棉兰老岛	
	30	02										Mindanao	
3013	29	21–26–09.0	24.23N	94.30E	89				4.3	1.9	32	缅甸——印度边境地区	
	30	05										Burma–India border region	
3014	30	01–54–24.8	29.70N	99.13E	38	4.2	3.3			1.6	7	西藏自治区	
	30	09										Tibet	
3015	30	04–42–51.2	16.17S	167.99E	191			5.6	5.5	1.0	79	瓦努阿图(新赫布里底)	
	30	12										Vanuatu (New Hebrides)	
3016	30	06–36–37.1	23.68N	121.67E	15		3.7		3.9	1.9	20	台湾岛	
	30	14										Taiwan	
3017	30	10–51–21.3	26.43S	178.35E	622				4.8	0.8	17	斐济以南地区	
	30	18										South of Fiji	
3018	30	12–45–47.2	7.99N	126.98E	32	4.9		5.6 4.6	5.2	1.6	74	棉兰老岛	
	30	20										Mindanao	
3019	30	13–12–50.4	40.98N	142.42E	83				4.6	1.5	47	本州东海岸近海	
	30	21										Near east coast of Honshu	
3020	30	16–08–35.3	10.00N	125.67E	39				4.7	1.9	17	棉兰老岛	
	31	00										Mindanao	
3021	30	21–57–59.0	5.85S	153.57E	36			4.7	4.5	1.3	38	新不列颠地区	
	31	05										New Britain region	
3022	30	23–15–35.1	3.38S	146.41E	40	6.4	6.0		5.1	1.2	65	新几内亚北海岸近海	
	31	07										Near north coast of New Guinea	
3023	30	23–18–50.9	3.35S	146.13E	40	6.4	6.4	6.6	5.6	1.3	87	新几内亚北海岸近海	
	31	07										Near north coast of New Guinea	
3024	31	00–11–23.6	3.16S	146.96E	32				4.9	1.8	40	俾斯麦海	
	31	08										Bismarck Sea	
3025	31	02–45–48.8	3.24S	146.49E	34	5.0		4.9	4.8	1.5	41	新几内亚北海岸近海	
	31	10										Near north coast of New Guinea	
3026	31	02–52–03.9	3.30S	146.82E	32			4.9	4.9	1.2	32	俾斯麦海	
	31	10										Bismarck Sea	
3027	31	06–03–00.3	11.81S	166.27E	73				4.6	0.9	15	圣克鲁斯群岛	
	31	14										Santa Cruz Islands	
3028	31	08–24–49.7	39.86N	113.85E	9		3.7			2.5	18	中国东北部	
	31	16										North–Eastern China	

International Seismological Centre

3029	31	10–15–50.1	5.81S	130.14E	170				4.8	0.9	24 班达海 Banda Sea
	31	18									
3030	31	12–44–36.6	22.61N	94.21E	52				4.4	2.2	24 缅甸——印度边境地区 Burma–India border region
	31	20									
3031	31	13–20–38.0	6.87N	127.23E	41				4.3	2.0	21 棉兰老岛 Mindanao
	31	21									
3032	31	15–43–41.7	7.61N	127.02E	48		4.2	5.3	1.6	49	棉兰老岛 Mindanao
	31	23									
3033	31	15–55–23.3	3.24S	146.56E	17	5.1	4.9	5.1	1.2	69	俾斯麦海 Bismarck Sea
	31	23									
3034	31	16–33–32.2	36.64S	78.95E	9		5.2	4.9	1.5	32	中印度洋海丘 Mid–Indian Rise
	1	00									
3035	31	21–29–49.0	44.52N	147.79E	79			4.2	1.8	31	千岛群岛 Kurile Islands
	1	05									
3036	31	23–13–13.0	3.26N	97.40E	81			4.8	1.6	29	苏门答腊北部 Northern Sumatera
	1	07									

International Seismological Centre

2. 国内及邻区地震目录 Catalogue of earthquakes within and near China

No.	Origin time UTC d	h	min	s	Geographic coordinates Lat	Long	Depth (km)	Magnitudes Ms China	M_L China	m_B China	Msz NEIC	m_b NEIC	SD	No. Sta. used	Region and comments
	January 1989														
1	1	11	57	42.2	25.03N	121.80E	8	4.2	4.3		3.5		1.9	45	台湾岛 Taiwan
	1	19	(BTC)												
2	1	12	00	41.4	35.30N	109.87E	5						4.1	7	中国东部 Eastern China
	1	20													
3	1	15	34	13.9	25.05N	122.50E	18		3.4				3.3	7	台湾地区 Taiwan region
	1	23													
4	1	16	22	33.0	35.84N	81.05E	0		3.3		3.5		2.6	5	克什米尔——西藏边境地区 Kashmir–Tibet border region
	2	00													
5	1	23	13	07.4	36.79N	83.46E	9	4.2	4.5		4.3		2.2	34	新疆自治区南部 Southern Xinjiang Province
	2	07													
6	2	01	51	22.5	37.46N	83.62E	5		3.4				3.2	7	新疆自治区南部 Southern Xinjiang Province
	2	09													
7	3	11	30	57.7	44.99N	93.21E	4		3.6				2.6	8	新疆自治区北部 Northern Xinjiang Province
	3	19													
8	5	12	55	07.8	30.89N	103.52E	20		3.0				4.8	5	四川省 Sichuan Province
	5	20													
9	5	17	42	21.9	41.87N	90.67E	10	4.2	4.6		4.3		2.6	39	新疆自治区南部 Southern Xinjiang Province
	6	01													
10	6	00	57	25.2	41.92N	90.65E	4		3.7				3.6	9	新疆自治区南部 Southern Xinjiang Province
	6	08													
11	6	01	26	01.4	36.13N	78.13E	12		4.2		4.0		2.5	14	克什米尔东部 Eastern Kashmir
	6	09													
12	6	04	02	47.8	20.23N	121.25E	31	4.8	4.3	5.2	4.4	5.0	1.8	93	菲律宾群岛地区 Philippine Islands region
	6	12													
13	6	07	43	51.2	36.65N	84.21E	19		3.8				3.7	6	新疆自治区南部 Southern Xinjiang Province
	6	15													
14	6	15	48	24.6	24.30N	122.63E	18	3.5	3.7				2.8	10	台湾地区 Taiwan region
	6	23													
15	6	19	43	13.4	24.46N	121.85E	10		3.2				2.0	8	台湾岛 Taiwan
	7	03													
16	7	10	09	46.6	23.42N	99.14E	30		4.0				3.4	10	缅甸——中国边境地区 Burma–China border region
	7	18													
17	7	17	21	43.2	38.43N	103.79E	13		3.5				1.9	8	甘肃省 Gansu Province
	8	01													
18	7	18	39	49.4	20.26N	120.60E	31	4.2	3.8		4.8		2.0	61	菲律宾群岛地区 Philippine Islands region
	8	02													
19	7	21	15	37.0	39.32N	74.76E	22		4.0		4.4		2.5	19	塔吉克——新疆边境地区 Tadzhikistan–Xinjiang border region
	8	05													
20	8	07	17	19.7	38.34N	98.23E	30	4.3	4.9		4.7		2.0	48	青海省 Qinghai Province
	8	15													
21	8	14	13	11.0	22.55N	124.02E	10	3.7	4.0		4.3		1.9	57	台湾东南以远地区 South–east of Taiwan
	8	22													
22	8	17	41	41.6	24.17N	120.48E	31	5.0	4.3		4.6		2.3	79	台湾地区 Taiwan region
	9	01													
23	9	09	46	10.3	37.97N	101.79E	13		3.1				1.2	5	青海省 Qinghai Province
	9	17													

24	9	15–05–16.5	42.72N	88.45E	15		4.2		1.9	19	新疆自治区北部	
	9	23									Northern Xinjiang Province	
25	9	15–10–17.7	42.45N	88.13E	12		3.8		2.7	6	新疆自治区南部	
	9	23									Southern Xinjiang Province	
26	9	18–51–15.8	42.08N	85.68E	5		3.0		2.8	8	新疆自治区南部	
	10	02									Southern Xinjiang Province	
27	10	12–08–47.5	35.99N	81.10E	17		4.0		3.1	9	克什米尔——西藏边境地区	
	10	20									Kashmir–Tibet border region	
28	10	15–55–14.4	23.91N	103.12E	11	4.1	3.8		1.9	29	云南省	
	10	23									Yunnan Province	
29	11	01–49–40.0	22.10N	121.24E	21		3.5		2.3	9	台湾地区	
	11	09									Taiwan region	
30	11	04–18–28.3	21.82N	112.41E	26		3.6		3.0	7	中国东部	
	11	12									Eastern China	
31	11	23–08–47.7	36.64N	82.70E	12		3.7		3.5	7	新疆自治区南部	
	12	07									Southern Xinjiang Province	
32	12	01–35–45.7	43.03N	87.40E	8		3.9		2.3	11	新疆自治区北部	
	12	09									Northern Xinjiang Province	
33	12	02–17–16.2	39.57N	118.14E	15		3.7		2.4	17	中国东北部	
	12	10									North–Eastern China	
34	12	04–23–45.9	38.61N	99.75E	14		3.7		3.4	9	青海省	
	12	12									Qinghai Province	
35	12	05–04–18.8	28.15N	101.86E	13		3.0		2.4	9	四川省	
	12	13									Sichuan Province	
36	12	06–13–56.4	40.52N	122.53E	27	4.0	4.7	4.9	2.1	58	中国东北部	
	12	14									North–Eastern China	
37	12	07–35–47.3	32.87N	96.38E	22	3.7	3.8		2.6	17	西藏自治区	
	12	15									Tibet	
38	12	11–58–42.6	35.31N	111.08E	25		3.2		2.3	9	中国东部	
	12	19									Eastern China	
39	13	18–38–57.3	36.62N	82.84E	10		3.9		3.2	9	新疆自治区南部	
	14	02									Southern Xinjiang Province	
40	15	00–13–02.3	38.98N	74.84E	30		3.6		3.8	9	塔吉克——新疆边境地区	
	15	08									Tadzhikistan–Xinjiang border region	
41	15	04–37–51.0	38.74N	74.96E	3		3.2		2.6	5	塔吉克——新疆边境地区	
	15	12									Tadzhikistan–Xinjiang border region	
42	15	14–27–35.0	23.46N	120.65E	10		3.3		3.0	8	台湾岛	
	15	22									Taiwan	
43	15	16–46–43.2	38.46N	77.22E	10		4.2		3.7	13	新疆自治区南部	
	16	00									Southern Xinjiang Province	
44	15	19–40–51.6	38.00N	76.57E	28		4.4	5.0	2.3	38	新疆自治区南部	
	16	03									Southern Xinjiang Province	
45	16	23–28–52.9	22.77N	99.62E	13	3.6	4.1	4.3	3.0	20	缅甸——中国边境地区	
	17	07									Burma–China border region	
46	17	12–28–44.2	36.78N	83.59E	10		4.1		3.7	11	新疆自治区南部	
	17	20									Southern Xinjiang Province	
47	17	18–55–25.7	23.31N	120.37E	5		3.1		3.1	6	台湾地区	
	18	02									Taiwan region	
48	18	04–33–19.9	22.55N	119.93E	6		3.5		1.5	12	台湾地区	
	18	12									Taiwan region	
49	18	12–00–57.9	22.84N	117.49E	8		3.1		4.7	5	中国东南沿海	
	18	20									Near south–eastern coast of China	

International Seismological Centre

50	18	15–45–40.5	32.51N	93.97E	32	4.2			4.5	2.5	45	西藏自治区 Tibet
	18	23										
51	18	18–22–46.2	30.06N	100.10E	31	5.2	5.1	5.2	5.0	2.0	92	四川省 Sichuan Province
	19	02										
52	18	18–33–20.1	39.34N	118.37E	18		3.2			1.9	15	中国东北部 North–Eastern China
	19	02										
53	18	19–30–04.4	32.54N	93.95E	32	4.2	3.5		4.5	2.1	39	西藏自治区 Tibet
	19	03										
54	19	01–43–51.8	22.40N	121.61E	30	4.6	4.5	5.0	4.9	1.7	79	台湾地区 Taiwan region
	19	09										
55	19	10–51–05.0	38.25N	77.03E	19		3.4			4.5	7	新疆自治区南部 Southern Xinjiang Province
	19	18										
56	19	11–52–54.6	29.85N	94.81E	33		3.8		4.5	2.2	23	印度——中国边境地区 India–China border region
	19	19										
57	19	23–26–03.0	40.62N	113.89E	11		3.8		3.7	2.7	23	中国东北部 North–Eastern China
	20	07										
58	20	14–28–43.8	42.64N	86.20E	6		3.6			2.7	10	新疆自治区北部 Northern Xinjiang Province
	20	22										
59	21	18–19–59.9	24.39N	121.85E	9		3.7			1.5	13	台湾岛 Taiwan
	22	02										
60	22	18–43–27.3	24.61N	122.23E	4	4.6	4.1		4.1	2.7	37	台湾岛 Taiwan
	23	02										
61	23	04–12–13.8	23.56N	122.11E	11		3.6			2.2	7	台湾岛 Taiwan
	23	12										
62	23	19–07–09.8	24.95N	124.52E	43		3.6		4.6	2.4	26	琉球群岛西南部 South–western Ryukyu Islands
	24	03										
63	24	10–32–02.1	22.96N	99.71E	29	4.1	4.4		4.5	2.6	31	缅甸——中国边境地区 Burma–China border region
	24	18										
64	24	13–12–23.7	37.11N	76.92E	10		3.7			3.4	5	克什米尔——新疆边境地区 Kashmir–Xinjiang border region
	24	21										
65	24	18–07–25.0	31.22N	103.86E	11		3.9			2.6	20	四川省 Sichuan Province
	25	02										
66	25	02–41–39.7	38.22N	73.57E	135				4.5	1.5	15	塔吉克 Tadzhikistan
	25	10										
67	25	06–51–15.1	22.92N	121.60E	1	4.2	4.2		4.3	1.6	40	台湾地区 Taiwan region
	25	14										
68	26	02–08–20.5	37.32N	77.42E	11		3.4			3.4	5	克什米尔——新疆边境地区 Kashmir–Xinjiang border region
	26	10										
69	26	14–48–08.0	27.29N	102.79E	3		3.2			2.5	11	四川省 Sichuan Province
	26	22										
70	27	08–55–31.4	32.61N	120.61E	10		3.9			2.5	13	中国东部 Eastern China
	27	16										
71	27	11–03–33.0	30.66N	78.67E	33		3.9		3.7	2.8	16	印度北部 Northern India
	27	19										
72	27	19–54–33.6	37.03N	76.82E	10		3.6		4.2		5	克什米尔——新疆边境地区 Kashmir–Xinjiang border region
	28	03										
73	27	23–15–20.4	40.63N	122.72E	12		3.0		2.6		9	中国东北部 North–Eastern China
	28	07										
74	28	06–57–52.2	22.62N	122.05E	22		3.7		2.2		7	台湾地区 Taiwan region
	28	14										
75	28	22–27–53.5	35.98N	81.06E	8		4.1		2.6		11	克什米尔——西藏边境地区 Kashmir–Tibet border region
	29	06										

International Seismological Centre

76	29	10–34–28.7	26.97N	100.80E	7		3.3			3.3	10	云南省	
	29	18										Yunnan Province	
77	29	13–23–13.4	29.15N	114.03E	24		3.9			2.7	24	中国东部	
	29	21										Eastern China	
78	29	23–46–27.3	23.68N	100.53E	23		3.8			3.3	12	云南省	
	30	07										Yunnan Province	
79	30	08–29–51.1	39.12N	97.29E	6		3.5			4.3	6	青海省	
	30	16										Qinghai Province	
80	31	03–12–07.3	24.84N	124.04E	88					1.4	10	琉球群岛西南部	
	31	11										South–western Ryukyu Islands	
81	31	04–36–57.7	37.01N	83.47E	10		3.7			3.2	8	新疆自治区南部	
	31	12										Southern Xinjiang Province	
82	31	07–17–05.6	25.07N	117.56E	12		3.5			3.2	10	中国东南沿海	
	31	15										Near south–eastern coast of China	
	February	1989											
83	1	19–50–45.7	23.11N	120.68E	10	4.4	4.2			4.2	2.2	53	台湾岛
	2	03											Taiwan
84	1	22–22–05.6	23.05N	120.71E	7	4.3	4.1			4.2	2.4	43	台湾岛
	2	06											Taiwan
85	1	23–21–39.9	44.06N	84.45E	11		3.5				3.3	11	新疆自治区北部
	2	07											Northern Xinjiang Province
86	2	07–47–31.8	46.09N	94.55E	14		3.5				2.8	6	蒙古
	2	15											Mongolia
87	3	14–37–20.5	37.93N	112.38E	10	4.1	4.2			4.2	2.4	43	中国东北部
	3	22											North–Eastern China
88	3	17–49–58.0	30.11N	90.00E	8	5.6		5.6	5.2	5.5	1.8	100	西藏自治区
	4	01											Tibet
89	3	18–46–46.4	25.11N	124.72E	20	4.5	4.8	5.1		4.3	2.4	51	琉球群岛西南部
	4	02											South–western Ryukyu Islands
90	3	22–10–01.0	30.20N	90.03E	8	4.7				4.2	2.0	29	西藏自治区
	4	06											Tibet
91	3	22–10–48.6	24.13N	121.56E	7	4.7	4.3			4.8	1.7	44	台湾岛
	4	06											Taiwan
92	4	01–55–09.4	30.47N	90.30E	35						3.1	10	西藏自治区
	4	09											Tibet
93	4	03–08–29.1	27.22N	100.33E	6		3.6				3.2	16	云南省
	4	11											Yunnan Province
94	4	07–15–55.7	30.21N	90.05E	11	4.5				4.2	2.3	24	西藏自治区
	4	15											Tibet
95	4	09–44–52.8	24.15N	123.33E	56	4.1	4.4	5.3		5.1	1.6	79	台湾地区
	4	17											Taiwan region
96	4	13–46–07.9	30.14N	90.06E	10	4.4				3.8	1.8	28	西藏自治区
	4	21											Tibet
97	5	05–19–42.2	36.25N	111.31E	11		3.1				3.0	11	中国东部
	5	13											Eastern China
98	5	10–43–35.3	30.14N	90.06E	12	4.2				3.9	2.1	25	西藏自治区
	5	18											Tibet
99	6	05–51–19.2	30.49N	99.03E	7		3.0				2.2	6	西藏自治区
	6	13											Tibet
100	6	13–09–05.4	30.06N	89.97E	12	4.5				3.8	2.9	22	西藏自治区
	6	21											Tibet

International Seismological Centre

101	6 6	14–35–30.1	30.26N	90.05E	9		3.5			2.7	12	西藏自治区 Tibet
102	7 7	01–34–01.8	30.63N	103.04E	14		3.3			3.0	11	四川省 Sichuan Province
103	7 7	04–27–26.7	30.03N	89.97E	17					1.8	8	西藏自治区 Tibet
104	7 7	09–02–20.9	29.94N	102.94E	8		3.8			2.8	18	四川省 Sichuan Province
105	7 7	10–49–03.0	42.33N	84.25E	13		3.7			3.0	11	新疆自治区南部 Southern Xinjiang Province
106	7 8	21–32–00.7	35.66N	80.79E	5		4.1			4.6	7	克什米尔——西藏边境地区 Kashmir–Tibet border region
107	7 8	21–57–42.2	22.86N	103.41E	36		3.7			4.6	7	云南省 Yunnan Province
108	8 8	01–51–18.5	35.89N	81.00E	28		4.4			1.9	11	克什米尔——西藏边境地区 Kashmir–Tibet border region
109	8 8	15–58–56.6	34.82N	111.14E	11		3.0			3.6	8	中国东部 Eastern China
110	9 9	11–53–01.3	30.17N	89.77E	6					4.4	5	西藏自治区 Tibet
111	9 9	13–38–19.2	23.28N	123.50E	9	4.6	3.9		4.8	1.3	81	台湾东南以远地区 South–east of Taiwan
112	9 10	22–31–25.2	38.08N	106.38E	9		4.0		3.2	2.3	27	中国北部 Northern China
113	10 10	00–36–49.0	25.93N	99.60E	8	4.7	4.4		4.4	2.5	62	云南省 Yunnan Province
114	11 11	05–50–28.0	32.96N	103.89E	2		3.4			3.0	11	四川省 Sichuan Province
115	11 11	11–16–10.9	48.27N	90.63E	25		4.3			2.9	9	新疆自治区北部 Northern Xinjiang Province
116	11 12	17–22–28.8	37.48N	83.31E	8		3.9			3.7	10	新疆自治区南部 Southern Xinjiang Province
117	11 12	17–45–04.7	36.90N	83.52E	11		3.9			3.1	11	新疆自治区南部 Southern Xinjiang Province
118	11 12	20–09–39.9	36.84N	83.65E	9		4.2			3.0	9	新疆自治区南部 Southern Xinjiang Province
119	12 12	07–55–47.3	26.22N	96.90E	32	5.2	4.8	5.2	4.4 5.0	1.8	96	缅甸 Burma
120	12 12	12–41–25.9	23.51N	99.89E	5		3.9			2.5	10	缅甸——中国边境地区 Burma–China border region
121	12 13	23–44–53.3	30.01N	90.04E	21				3.5	2.0	14	西藏自治区 Tibet
122	13 13	02–15–32.7	38.39N	76.59E	31		4.2		4.4	2.6	19	新疆自治区南部 Southern Xinjiang Province
123	14 14	15–04–51.6	36.26N	76.42E	29	4.2	4.6		4.7	2.3	20	克什米尔东部 Eastern Kashmir
124	14 15	18–22–25.6	43.28N	102.58E	13	4.3	5.0		4.8	2.2	59	蒙古 Mongolia
125	14 15	20–29–45.7	43.50N	102.73E	13	3.4	4.4			2.7	17	蒙古 Mongolia
126	15 15	01–23–32.2	42.44N	84.64E	33	4.4	5.0		4.3	2.5	38	新疆自治区南部 Southern Xinjiang Province

International Seismological Centre

127	15	09–49–32.2	43.72N	87.56E	5		3.7			3.3	5	新疆自治区北部 Northern Xinjiang Province
	15	17										
128	15	23–44–22.8	46.04N	90.41E	3		3.5			2.5	9	新疆自治区北部 Northern Xinjiang Province
	16	07										
129	17	13–23–07.5	32.27N	101.73E	17		3.4			1.5	10	四川省 Sichuan Province
	17	21										
130	18	03–11–09.2	38.45N	98.28E	16		4.0			2.4	16	青海省 Qinghai Province
	18	11										
131	20	11–16–38.2	31.24N	97.99E	15	4.5	4.2	4.2	4.5	2.4	57	西藏自治区 Tibet
	20	19										
132	21	09–19–22.0	24.11N	123.66E	55	3.7	3.9		4.5	1.7	54	琉球群岛西南部 South–western Ryukyu Islands
	21	17										
133	21	10–55–18.6	24.74N	123.27E	10		3.6			4.5	9	台湾地区 Taiwan region
	21	18										
134	21	14–09–39.0	35.84N	80.55E	11	4.3	5.3	4.0	4.5	2.3	47	克什米尔——西藏边境地区 Kashmir–Tibet border region
	21	22										
135	22	12–49–30.2	27.35N	102.84E	12		3.5			2.7	16	四川省 Sichuan Province
	22	20										
136	22	19–04–32.4	25.96N	98.92E	15	4.3	4.0		4.7	2.5	50	缅甸——中国边境地区 Burma–China border region
	23	03										
137	23	22–00–58.8	40.56N	109.26E	10	3.9	4.1			2.2	33	中国北部 Northern China
	24	06										
138	23	22–50–10.8	25.94N	99.01E	11		3.5			3.0	12	缅甸——中国边境地区 Burma–China border region
	24	06										
139	23	23–51–18.7	38.08N	102.28E	1		3.2			2.9	6	青海省 Qinghai Province
	24	07										
140	24	00–59–07.3	40.19N	96.10E	18		3.4			3.0	5	甘肃省 Gansu Province
	24	08										
141	24	08–46–58.3	40.52N	109.32E	13		3.8			2.5	16	中国北部 Northern China
	24	16										
142	24	15–48–10.6	27.51N	103.65E	7		3.3			3.2	12	云南省 Yunnan Province
	24	23										
143	24	22–46–43.8	26.10N	102.66E	24		3.3			3.6	12	云南省 Yunnan Province
	25	06										
144	26	06–18–16.5	29.29N	103.01E	13		3.2			1.8	10	四川省 Sichuan Province
	26	14										
145	27	22–07–54.1	35.92N	80.97E	29		4.0			4.4	5	克什米尔——西藏边境地区 Kashmir–Tibet border region
	28	06										
146	28	00–26–40.8	27.14N	92.64E	44		4.7		4.6	1.4	71	印度东部 Eastern India
	28	08										
147	28	03–56–59.6	25.99N	102.79E	4		3.6			2.1	12	云南省 Yunnan Province
	28	11										
	March	1989										
148	1	13–00–33.0	31.50N	102.49E	13	5.0	4.7	5.5	4.9	5.0	2.2	91 四川省 Sichuan Province
	1	21										
149	2	10–15–52.4	39.79N	117.47E	10		3.5			2.1	22	中国东北部 North–Eastern China
	2	18										
150	5	15–18–12.6	39.22N	113.38E	9		3.1			1.6	11	中国东北部 North–Eastern China
	5	23										
151	6	00–05–29.1	35.83N	81.11E	17		3.8			3.4	7	克什米尔——西藏边境地区 Kashmir–Tibet border region
	6	08										

International Seismological Centre

152	7	05–58–49.0	36.09N	77.47E	13	4.5	4.8			4.6	1.8	38	克什米尔东部
	7	13											Eastern Kashmir
153	7	07–51–56.9	36.01N	77.98E	25		4.3				2.5	13	克什米尔东部
	7	15											Eastern Kashmir
154	7	21–31–01.0	38.48N	73.50E	13		4.0				4.1	7	塔吉克
	8	05											Tadzhikistan
155	8	12–43–40.5	41.00N	74.81E	20	4.5	4.6			4.7	2.3	37	吉尔吉斯——新疆边境地区
	8	20											Kirgiziya–Xinjiang border region
156	8	20–02–01.0	26.99N	92.69E	13	4.5	4.8	5.4	4.1	5.1	1.7	91	印度东部
	9	04											Eastern India
157	9	17–49–12.9	27.19N	102.77E	5		3.0				3.2	11	四川省
	10	01											Sichuan Province
158	9	23–39–30.5	36.04N	77.76E	31		3.7				3.2	8	克什米尔东部
	10	07											Eastern Kashmir
159	13	03–36–36.3	22.99N	120.53E	11	3.9	3.8				2.9	26	台湾岛
	13	11											Taiwan
160	13	09–01–52.6	37.18N	78.46E	8		3.9				2.3	11	克什米尔——新疆边境地区
	13	17											Kashmir–Xinjiang border region
161	14	02–35–01.3	43.20N	84.06E	7		3.1				3.1	7	新疆自治区北部
	14	10											Northern Xinjiang Province
162	14	08–42–02.2	40.02N	77.61E	14	4.1	4.4				2.4	16	新疆自治区南部
	14	16											Southern Xinjiang Province
163	14	14–39–32.8	29.17N	104.67E	10		3.3				3.5	8	四川省
	14	22											Sichuan Province
164	14	20–31–05.9	42.11N	83.79E	18		3.8				2.5	11	新疆自治区南部
	15	04											Southern Xinjiang Province
165	15	07–14–58.6	33.07N	122.46E	10		3.1				1.1	6	中国东部
	15	15											Eastern China
166	16	11–34–23.9	40.65N	77.07E	28		3.9				2.5	12	吉尔吉斯——新疆边境地区
	16	19											Kirgiziya–Xinjiang border region
167	17	01–22–58.8	43.81N	87.78E	14		3.3				2.8	9	新疆自治区北部
	17	09											Northern Xinjiang Province
168	17	04–02–05.9	35.94N	80.63E	22	4.3	5.3			4.8	1.8	41	克什米尔——西藏边境地区
	17	12											Kashmir–Tibet border region
169	17	11–08–08.1	21.68N	98.01E	27	4.7	5.0	5.0	4.2	4.8	2.2	58	缅甸
	17	19											Burma
170	17	11–14–19.5	21.90N	97.74E	32	4.5	4.9	5.0		3.7	1.8	21	缅甸
	17	19											Burma
171	19	00–05–34.7	39.52N	94.86E	13		3.4				3.5	9	甘肃省
	19	08											Gansu Province
172	19	19–09–01.5	24.26N	103.75E	23		3.5				3.1	12	云南省
	20	03											Yunnan Province
173	19	22–46–20.9	40.27N	96.29E	8		3.5				2.6	8	甘肃省
	20	06											Gansu Province
174	20	12–55–57.4	40.65N	103.74E	20		4.1				2.2	15	中国北部
	20	20											Northern China
175	21	17–53–02.1	24.21N	120.79E	10		3.8				2.2	20	台湾岛
	22	01											Taiwan
176	22	01–34–49.9	40.95N	73.98E	19	4.5	4.5			4.7	2.0	35	吉尔吉斯
	22	09											Kirgiziya
177	23	00–21–57.2	40.89N	78.23E	13		3.9				2.7	13	吉尔吉斯——新疆边境地区
	23	08											Kirgiziya–Xinjiang border region

International Seismological Centre

178	23	05–33–43.4	23.86N	122.76E	19	4.4	4.4			4.9	1.4	73	台湾地区	
	23	13											Taiwan region	
179	23	05–44–48.7	31.59N	99.81E	24		3.2				4.0	10	四川省	
	23	13											Sichuan Province	
180	23	07–10–19.2	22.25N	121.27E	14	4.2	4.3			4.6	1.9	49	台湾地区	
	23	15											Taiwan region	
181	23	12–38–50.5	40.96N	78.17E	24	4.1	4.5			4.5	2.0	34	吉尔吉斯——新疆边境地区	
	23	20											Kirgiziya–Xinjiang border region	
182	24	01–31–08.1	40.30N	110.00E	15		3.2				3.5	7	中国北部	
	24	09											Northern China	
183	25	23–18–20.9	36.39N	80.99E	12	4.1	4.7				2.0	16	克什米尔——西藏边境地区	
	26	07											Kashmir–Tibet border region	
184	26	02–55–47.8	19.35N	121.06E	31	5.1	4.4	5.6	5.1	5.2	1.5	98	吕宋岛	
	26	10											Luzon	
185	26	03–14–24.8	40.57N	77.74E	18		3.3				4.2	5	吉尔吉斯——新疆边境地区	
	26	11											Kirgiziya–Xinjiang border region	
186	26	15–04–01.5	36.48N	80.89E	40	3.9	4.4				2.8	13	克什米尔——西藏边境地区	
	26	23											Kashmir–Tibet border region	
187	26	16–03–08.8	23.55N	118.76E	32		3.3				2.9	11	台湾地区	
	27	00											Taiwan region	
188	26	16–56–17.5	28.82N	104.93E	13		3.8				2.2	28	四川省	
	27	00											Sichuan Province	
189	27	17–20–55.7	31.48N	103.97E	11		3.5				3.7	9	四川省	
	28	01											Sichuan Province	
190	28	14–00–51.1	22.91N	101.11E	17		3.8				3.4	6	缅甸——中国边境地区	
	28	22											Burma–China border region	
191	29	11–25–39.4	40.01N	118.92E	7		3.1				2.5	14	中国东北部	
	29	19											North–Eastern China	
192	30	14–27–13.8	42.05N	90.66E	9		3.4				3.8	7	新疆自治区南部	
	30	22											Southern Xinjiang Province	
193	30	20–38–36.1	22.58N	121.92E	22	4.3	4.1			4.6	1.6	44	台湾地区	
	31	04											Taiwan region	
	April	1989												
194	1	19–12–40.6	39.13N	97.20E	14		3.7				1.6	8	青海省	
	2	03											Qinghai Province	
195	3	19–34–41.5	23.66N	102.24E	27		3.5				2.8	5	云南省	
	4	03											Yunnan Province	
196	4	13–29–50.3	44.32N	81.66E	19		3.7				3.0	10	新疆自治区北部	
	4	21											Northern Xinjiang Province	
197	4	20–10–51.7	25.00N	123.41E	144			5.6		5.0	1.1	99	台湾地区	
	5	04											Taiwan region	
198	5	18–03–47.1	27.02N	104.10E	5		3.1				3.1	10	云南省	
	6	02											Yunnan Province	
199	7	03–37–49.6	30.96N	101.01E	8		3.3				1.6	5	四川省	
	7	11											Sichuan Province	
200	8	15–01–17.3	35.93N	77.94E	10		4.2				3.0	10	克什米尔东部	
	8	23											Eastern Kashmir	
201	9	02–31–35.9	29.10N	90.08E	10	4.9		5.5	4.7	5.2	1.4	98	西藏自治区	
	9	10											Tibet	
202	9	10–42–06.1	42.45N	87.19E	11		3.7				2.0	9	新疆自治区南部	
	9	18											Southern Xinjiang Province	

203	9	10–45–05.3	26.94N	100.62E	12		3.1			3.4	8	云南省
	9	18										Yunnan Province
204	9	13–06–08.2	40.90N	122.39E	10	3.8	3.8			2.6	17	中国东北部
	9	21										North–Eastern China
205	10	15–21–13.6	31.53N	103.57E	14		3.2			3.2	8	四川省
	10	23										Sichuan Province
206	11	13–50–05.6	36.08N	81.01E	13	3.9	4.6			1.7	10	克什米尔——西藏边境地区
	11	21										Kashmir–Tibet border region
207	11	18–04–23.6	23.91N	120.91E	28	3.5	4.2			1.8	29	台湾岛
	12	02										Taiwan
208	12	19–52–26.5	39.02N	114.32E	6		3.1			4.0	9	中国东北部
	13	03										North–Eastern China
209	13	02–07–35.9	34.22N	96.70E	32	4.5			4.4	2.2	45	青海省
	13	10										Qinghai Province
210	13	08–34–38.2	43.29N	117.43E	9		3.3			1.3	11	中国东北部
	13	16										North–Eastern China
211	14	02–51–44.7	40.52N	122.37E	9		3.0			1.7	7	中国东北部
	14	10										North–Eastern China
212	14	22–51–52.2	23.34N	99.43E	31	4.6	4.5		4.6	1.9	57	缅甸——中国边境地区
	15	06										Burma–China border region
213	15	11–26–34.6	42.18N	82.08E	24		3.2			2.5	5	新疆自治区南部
	15	19										Southern Xinjiang Province
214	15	20–34–08.2	29.99N	99.23E	12	6.6	5.7	6.4	6.2	6.2	1.9	105 西藏自治区
	16	04										Tibet
215	15	22–33–32.6	24.82N	122.49E	122				4.5	1.7	26	台湾岛
	16	06										Taiwan
216	16	00–02–26.9	29.30N	89.97E	33	4.4				2.3	13	西藏自治区
	16	08										Tibet
217	16	03–37–20.3	38.67N	102.51E	18		4.0			2.1	11	甘肃省
	16	11										Gansu Province
218	16	07–28–11.0	39.49N	73.63E	18		4.3			2.6	8	塔吉克——新疆边境地区
	16	15										Tadzhikistan–Xinjiang border region
219	16	08–32–51.8	38.73N	102.52E	15	3.8	4.5			2.2	20	甘肃省
	16	16										Gansu Province
220	16	18–25–50.0	29.98N	99.34E	17	4.1	3.9		5.1	2.4	60	西藏自治区
	17	02										Tibet
221	16	19–50–58.0	29.94N	99.24E	13	4.1	3.9	4.8	4.9	2.5	40	西藏自治区
	17	03										Tibet
222	17	02–59–07.8	29.90N	99.13E	25	4.3	4.3		4.9	2.3	61	西藏自治区
	17	10										Tibet
223	17	16–30–54.3	23.81N	121.95E	11	4.1	4.0		4.3	1.9	35	台湾岛
	18	00										Taiwan
224	17	19–53–54.0	23.40N	123.47E	26	4.5	4.0		4.5	1.4	63	台湾地区
	18	03										Taiwan region
225	17	21–28–11.4	18.33N	119.14E	16	4.0	4.0		4.7	1.7	42	菲律宾群岛地区
	18	05										Philippine Islands region
226	17	23–05–09.2	29.88N	99.16E	15	4.0	3.7		4.5	2.6	39	西藏自治区
	18	07										Tibet
227	18	03–04–18.0	28.95N	95.85E	11		4.3		4.5	2.3	33	印度——中国边境地区
	18	11										India–China border region
228	18	08–20–14.7	31.64N	104.31E	16	3.9	4.1		4.3	2.7	36	四川省
	18	16										Sichuan Province

International Seismological Centre

229	18	09–29–53.6	38.10N	106.29E	10		3.3			4.2	5	中国北部 Northern China
	18	17										
230	19	16–40–28.5	30.08N	90.02E	31	4.5		4.5		1.9	33	西藏自治区 Tibet
	20	00										
231	20	01–02–55.6	39.93N	79.81E	19		3.2			3.5	6	新疆自治区南部 Southern Xinjiang Province
	20	09										
232	20	03–13–59.2	22.79N	121.72E	12	3.9	4.3	4.0		2.1	33	台湾地区 Taiwan region
	20	11										
233	20	03–14–32.6	41.30N	82.41E	19		3.8			3.0	12	新疆自治区南部 Southern Xinjiang Province
	20	11										
234	20	10–09–30.7	33.18N	110.01E	5		3.2			3.6	11	中国东部 Eastern China
	20	18										
235	20	21–56–58.5	48.59N	85.93E	10		3.4			3.1	7	哈萨克——新疆边境地区 Kazakhstan–Xinjiang border region
	21	05										
236	21	05–12–46.7	40.31N	78.91E	14		3.9			2.7	12	新疆自治区南部 Southern Xinjiang Province
	21	13										
237	21	05–20–37.5	38.69N	102.52E	12		3.3			2.0	5	甘肃省 Gansu Province
	21	13										
238	22	17–27–57.4	43.21N	121.96E	8		3.1			3.5	8	中国东北部 North–Eastern China
	23	01										
239	22	21–09–55.9	23.50N	99.20E	22		3.9			4.1	7	缅甸——中国边境地区 Burma–China border region
	23	05										
240	23	00–25–02.4	37.53N	102.66E	9		3.3			2.4	5	甘肃省 Gansu Province
	23	08										
241	23	00–35–49.0	21.24N	119.63E	23	4.3	3.8	4.1		1.8	54	菲律宾群岛地区 Philippine Islands region
	23	08										
242	23	03–51–57.2	39.28N	72.57E	34		4.4	4.5		2.4	26	塔吉克 Tadzhikistan
	23	11										
243	23	06–10–26.7	39.45N	72.81E	40		4.5	4.6		1.8	29	塔吉克 Tadzhikistan
	23	14										
244	24	16–59–46.4	33.97N	87.89E	13	4.1		4.4		2.7	23	西藏自治区 Tibet
	25	00										
245	25	02–13–20.3	30.05N	99.42E	7	6.6	6.4	6.0	6.2	1.9	109	西藏自治区 Tibet
	25	10										
246	25	03–00–29.2	29.62N	99.89E	27		3.5		4.2	2.7	8	四川省 Sichuan Province
	25	11										
247	25	03–13–54.3	30.03N	99.33E	14		3.8		4.4	2.5	30	西藏自治区 Tibet
	25	11										
248	25	03–31–21.5	30.09N	99.22E	25		3.8		4.3	2.1	25	西藏自治区 Tibet
	25	11										
249	25	07–34–13.9	30.03N	99.51E	21	4.5	4.8		4.2	2.4	56	四川省 Sichuan Province
	25	15										
250	25	08–14–58.1	29.89N	99.34E	15	4.3	4.0			2.7	24	西藏自治区 Tibet
	25	16										
251	25	10–27–44.8	30.00N	99.45E	11	4.2	4.4			2.9	39	西藏自治区 Tibet
	25	18										
252	25	12–13–35.0	39.75N	118.45E	10		3.3			2.6	14	中国东北部 North–Eastern China
	25	20										
253	25	15–00–25.2	40.29N	77.74E	14		3.5			4.6	5	新疆自治区南部 Southern Xinjiang Province
	25	23										
254	25	15–12–48.8	29.94N	99.31E	11		4.1		4.5	2.8	38	西藏自治区 Tibet
	25	23										

International Seismological Centre

255	25	16–42–58.6	30.03N	99.53E	9	4.6	4.3	4.6	2.2	65	四川省		
	26	00									Sichuan Province		
256	25	18–26–52.1	30.03N	99.49E	9	4.3	4.0	4.5	2.6	48	西藏自治区		
	26	02									Tibet		
257	26	09–16–38.2	23.26N	99.39E	4	4.1	3.9		2.5	17	缅甸——中国边境地区		
	26	17									Burma–China border region		
258	27	00–08–57.4	30.00N	99.35E	25	4.0	3.9	4.1	2.8	24	西藏自治区		
	27	08									Tibet		
259	27	02–41–13.8	29.98N	99.31E	9	4.6	4.4	5.1	2.5	48	西藏自治区		
	27	10									Tibet		
260	27	15–14–39.2	30.04N	99.40E	16	3.9	4.1		3.1	23	西藏自治区		
	27	23									Tibet		
261	27	19–37–34.4	33.67N	80.57E	10	4.0	3.8	4.7	1.7	25	西藏自治区		
	28	03									Tibet		
262	28	09–22–08.0	30.04N	99.39E	15	4.0	4.0	4.8	2.5	21	西藏自治区		
	28	17									Tibet		
263	28	12–31–18.0	24.63N	122.06E	97			3.9	2.4	30	台湾岛		
	28	20									Taiwan		
264	28	13–15–00.1	29.96N	99.13E	14	4.2	4.1	4.6	2.6	31	西藏自治区		
	28	21									Tibet		
265	28	16–44–37.5	40.62N	75.40E	16		3.8		3.3	5	吉尔吉斯——新疆边境地区		
	29	00									Kirgiziya–Xinjiang border region		
266	29	02–13–30.4	33.62N	120.32E	23		3.4		2.0	10	中国东部		
	29	10									Eastern China		
267	30	11–04–23.2	30.09N	99.42E	13	4.3	3.8	4.8	2.6	65	西藏自治区		
	30	19									Tibet		
268	30	12–52–42.6	30.10N	99.27E	31		4.0	4.2	2.4	19	西藏自治区		
	30	20									Tibet		
269	30	23–05–26.3	30.04N	99.47E	14	5.2	4.8	5.4	4.8	5.1	2.1	82	西藏自治区
	1	07											Tibet
	May	1989											
270	1	17–34–10.7	30.08N	99.49E	13	4.4	4.1			4.9	2.7	49	西藏自治区
	2	01											Tibet
271	1	19–50–06.9	42.11N	85.17E	15		4.0				2.6	16	新疆自治区南部
	2	03											Southern Xinjiang Province
272	1	22–58–57.0	39.36N	75.35E	8		3.6				4.3	5	塔吉克——新疆边境地区
	2	06											Tadzhikistan–Xinjiang border region
273	3	05–53–01.0	30.11N	99.54E	14	6.3		6.3	6.1	6.1	1.8	82	四川省
	3	13											Sichuan Province
274	3	06–41–33.2	30.01N	99.47E	10	4.7	4.5			5.1	2.2	67	西藏自治区
	3	14											Tibet
275	3	08–12–05.8	30.08N	99.45E	10	4.3	4.2			4.4	2.8	53	西藏自治区
	3	16											Tibet
276	3	08–19–08.2	30.05N	99.48E	10	4.4	4.0			4.3	2.6	43	西藏自治区
	3	16											Tibet
277	3	08–37–50.9	30.18N	99.38E	11	3.8	3.7			4.8	2.6	27	西藏自治区
	3	16											Tibet
278	3	09–28–46.5	30.11N	99.45E	12	4.1	4.0			4.8	2.7	38	西藏自治区
	3	17											Tibet
279	3	09–52–03.2	29.95N	99.24E	3	4.3	4.3			4.9	2.7	50	西藏自治区
	3	17											Tibet

International Seismological Centre

280	3	14–20–42.3	25.93N	124.74E	199			5.0		4.7	1.4	70	台湾东北以远地区
	3	22											North–east of Taiwan
281	3	15–41–30.5	30.06N	99.55E	7	6.3	5.3	6.1	5.9	5.8	2.1	92	四川省
	3	23											Sichuan Province
282	3	16–06–50.4	31.71N	104.23E	7	4.8	3.2				2.5	12	四川省
	4	00											Sichuan Province
283	3	17–28–20.6	30.07N	99.45E	10	5.1	4.9	5.1	4.6	5.3	2.2	87	西藏自治区
	4	01											Tibet
284	3	17–54–47.7	30.05N	99.43E	9	3.7	3.9				2.7	26	西藏自治区
	4	01											Tibet
285	3	18–19–32.9	30.00N	99.31E	12	3.6	3.8			4.3	2.3	25	西藏自治区
	4	02											Tibet
286	3	21–07–22.9	30.10N	99.37E	6	4.0	3.9			4.5	2.7	25	西藏自治区
	4	05											Tibet
287	4	01–31–19.6	30.03N	99.52E	11	4.8	4.4	5.1	4.3	5.0	2.1	77	四川省
	4	09											Sichuan Province
288	4	05–30–47.0	30.03N	99.48E	9	4.2	4.0			5.1	2.6	47	西藏自治区
	4	13											Tibet
289	4	08–25–51.1	30.05N	99.29E	14	4.0	3.8			4.4	2.6	26	西藏自治区
	4	16											Tibet
290	4	14–21–59.5	30.01N	99.56E	10	4.5	4.2			4.7	2.3	64	四川省
	4	22											Sichuan Province
291	4	16–26–14.2	27.48N	106.33E	9		4.0			4.2	2.3	29	中国东部
	5	00											Eastern China
292	4	18–10–27.8	30.10N	99.45E	12	4.5	4.4			4.7	2.3	78	西藏自治区
	5	02											Tibet
293	4	22–25–25.3	38.35N	72.49E	56	4.5				4.8	1.7	42	阿富汗——苏联边境地区
	5	06											Afghanistan–USSR border region
294	5	06–19–11.7	31.64N	104.41E	7	3.7	4.1				2.9	25	四川省
	5	14											Sichuan Province
295	5	16–58–47.8	29.95N	99.41E	8	3.9	3.6			4.7	2.4	36	西藏自治区
	6	00											Tibet
296	5	17–11–07.1	29.95N	99.40E	8	3.9	3.9	3.8			2.4	38	西藏自治区
	6	01											Tibet
297	6	02–40–56.1	22.33N	99.90E	12	5.1	5.6	4.5	4.7		1.8	72	缅甸——中国边境地区
	6	10											Burma–China border region
298	6	02–57–37.6	23.37N	122.42E	18	3.6	3.9				2.0	11	台湾地区
	6	10											Taiwan region
299	6	03–34–00.5	24.98N	114.81E	11		3.5				2.8	12	中国东南沿海
	6	11											Near south–eastern coast of China
300	6	03–36–38.3	39.62N	75.36E	20		3.7				2.4	8	新疆自治区南部
	6	11											Southern Xinjiang Province
301	6	04–12–44.1	30.00N	99.44E	23	4.2	4.1			4.8	2.7	41	西藏自治区
	6	12											Tibet
302	6	07–49–37.3	25.13N	114.76E	7		3.4				3.3	10	中国东南沿海
	6	15											Near south–eastern coast of China
303	6	10–25–10.1	34.42N	122.26E	8		3.1	3.4			3.8	5	黄海
	6	18											Yellow Sea
304	6	13–07–16.8	39.16N	113.05E	6		3.2				1.2	9	中国东北部
	6	21											North–Eastern China
305	6	16–25–10.8	24.15N	121.74E	16		3.6				1.8	20	台湾岛
	7	00											Taiwan

306	7	00–38–17.9	23.52N	99.62E	34	6.2	5.0	6.0	5.6	5.3	2.0	91	缅甸——中国边境地区	
	7	08											Burma–China border region	
307	7	03–00–26.0	29.92N	99.42E	10	4.0	4.1			4.9	2.5	41	西藏自治区	
	7	11											Tibet	
308	7	03–55–04.0	29.94N	99.39E	8	3.7	3.5				2.9	19	西藏自治区	
	7	11											Tibet	
309	7	10–59–45.9	21.03N	102.72E	5	4.4	4.1				2.9	16	印度支那半岛	
	7	18											Indo–Pacific Peninsula	
310	7	12–57–23.5	40.21N	115.77E	23		3.4				1.2	15	中国东北部	
	7	20											North–Eastern China	
311	8	00–03–13.0	44.93N	79.93E	32	4.3	4.4			4.6	2.3	25	哈萨克东部	
	8	08											Eastern Kazakhstan	
312	8	03–19–43.0	23.31N	99.46E	20	4.3	4.5				2.5	24	缅甸——中国边境地区	
	8	11											Burma–China border region	
313	8	05–10–00.6	39.75N	106.45E	19		4.0				3.4	13	中国北部	
	8	13											Northern China	
314	8	06–07–55.3	33.12N	104.89E	9		3.4				3.2	11	四川省	
	8	14											Sichuan Province	
315	8	13–47–19.9	29.04N	102.22E	25		3.4				2.4	8	四川省	
	8	21											Sichuan Province	
316	8	15–31–54.2	44.94N	79.91E	10		3.6				2.9	9	哈萨克东部	
	8	23											Eastern Kazakhstan	
317	8	16–04–07.4	39.24N	100.14E	17		3.7				3.4	6	青海省	
	9	00											Qinghai Province	
318	9	10–37–12.7	43.79N	86.27E	24		4.0				2.0	10	新疆自治区北部	
	9	18											Northern Xinjiang Province	
319	10	02–16–56.4	42.68N	119.78E	7		3.2				2.0	11	中国东北部	
	10	10											North–Eastern China	
320	10	13–59–19.7	30.14N	99.54E	17	3.8	4.1			4.4	2.6	29	四川省	
	10	21											Sichuan Province	
321	11	00–47–07.0	37.90N	121.28E	30		3.1				3.0	7	中国东北部	
	11	08											North–Eastern China	
322	12	07–18–54.6	48.74N	128.71E	9		3.3				2.8	6	中国东北部	
	12	15											North–Eastern China	
323	12	09–27–17.7	39.64N	102.79E	9		3.2				3.1	8	中国北部	
	12	17											Northern China	
324	12	20–43–27.0	24.39N	122.22E	28		3.5				1.9	12	台湾岛	
	13	04											Taiwan	
325	13	23–19–40.9	35.27N	91.55E	33	5.5		5.8	4.9	4.9	1.8	80	青海省	
	14	07											Qinghai Province	
326	14	23–04–27.2	37.91N	106.25E	10	3.6	3.2				4.1	10	中国北部	
	15	07											Northern China	
327	15	18–05–37.7	24.17N	122.25E	39	4.9	4.7	5.0		5.2	1.7	86	台湾岛	
	16	02											Taiwan	
328	16	08–40–43.6	22.02N	100.63E	21	4.1	4.3				3.1	8	缅甸——中国边境地区	
	16	16											Burma–China border region	
329	16	09–48–51.1	43.69N	84.01E	23		4.6			4.3	2.4	26	新疆自治区北部	
	16	17											Northern Xinjiang Province	
330	16	18–13–22.4	40.49N	122.28E	9		3.4				1.7	8	中国东北部	
	17	02											North–Eastern China	
331	16	20–32–52.8	35.96N	104.27E	33		3.3				2.8	5	甘肃省	
	17	04											Gansu Province	

International Seismological Centre

332	16	22-15-29.8	35.98N	92.09E	32	4.6	5.1	5.0	4.2	2.5	45	青海省	
	17	06										Qinghai Province	
333	17	04-06-19.0	22.14N	122.66E	5		3.5			2.4	5	台湾地区	
	17	12										Taiwan region	
334	17	18-56-28.7	30.05N	99.35E	15	3.7	3.9			2.1	25	西藏自治区	
	18	02										Tibet	
335	19	03-34-07.7	30.05N	99.57E	32	4.8	4.7	5.1	4.8	2.3	82	四川省	
	19	11										Sichuan Province	
336	20	00-09-18.4	31.50N	101.67E	12		3.6			2.7	7	四川省	
	20	08										Sichuan Province	
337	21	11-09-35.5	23.61N	121.82E	16		3.7			2.1	13	台湾岛	
	21	19										Taiwan	
338	22	16-18-51.8	37.46N	78.92E	10		3.9			3.2	11	克什米尔——新疆边境地区	
	23	00										Kashmir-Xinjiang border region	
339	22	19-24-33.8	27.35N	87.86E	29	4.2	4.0		5.0	1.3	59	尼泊尔——印度边境地区	
	23	03										Nepal-India border region	
340	22	23-05-24.5	16.62N	112.84E	31	4.9				3.7	7	中国南海	
	23	07										South China Sea	
341	22	23-33-41.3	37.49N	78.97E	10		3.6			2.9	6	克什米尔——新疆边境地区	
	23	07										Kashmir-Xinjiang border region	
342	24	14-56-18.9	27.04N	101.14E	16		3.1			2.5	15	云南省	
	24	22										Yunnan Province	
343	25	00-47-05.9	42.25N	88.15E	22		3.8			2.0	9	新疆自治区南部	
	25	08										Southern Xinjiang Province	
344	25	01-28-42.9	43.73N	81.76E	8		3.7			3.3	6	新疆自治区北部	
	25	09										Northern Xinjiang Province	
345	25	05-56-52.8	33.24N	104.71E	24		3.6			2.3	14	四川省	
	25	13										Sichuan Province	
346	25	18-08-43.2	43.11N	87.35E	13		3.5			2.5	9	新疆自治区北部	
	26	02										Northern Xinjiang Province	
347	25	19-16-49.4	41.99N	88.13E	34		3.6			2.3	5	新疆自治区南部	
	26	03										Southern Xinjiang Province	
348	26	01-08-48.8	39.73N	75.33E	33	4.6	5.0	5.4	4.4 4.8	3.1	40	新疆自治区南部	
	26	09										Southern Xinjiang Province	
349	26	19-01-17.0	43.69N	82.02E	4		3.5			3.3	9	新疆自治区北部	
	27	03										Northern Xinjiang Province	
350	26	21-21-36.8	23.91N	121.84E	10		3.2			2.7	9	台湾岛	
	27	05										Taiwan	
351	27	04-14-43.2	30.11N	99.52E	23	4.0	4.1		5.2 4.8	2.4	37	四川省	
	27	12										Sichuan Province	
352	27	11-35-34.8	40.64N	78.15E	11		3.2			3.5	9	吉尔吉斯——新疆边境地区	
	27	19										Kirgiziya-Xinjiang border region	
353	27	11-39-24.9	30.14N	102.21E	8	3.9	3.9			2.1	25	四川省	
	27	19										Sichuan Province	
354	28	05-52-23.4	35.27N	118.69E	20		4.0			2.3	22	中国东部	
	28	13										Eastern China	
355	28	22-52-58.5	46.11N	120.89E	26		3.4			2.4	7	中国东北部	
	29	06										North-Eastern China	
356	29	01-51-46.8	29.94N	99.26E	27	3.4	3.3			1.4	7	西藏自治区	
	29	09										Tibet	
357	29	05-10-02.4	29.99N	99.53E	32	4.8	4.8	5.2	5.0	2.1	77	四川省	
	29	13										Sichuan Province	

358	29	12–26–05.0	24.47N	122.77E	10		3.1			2.7	6	台湾地区 Taiwan region
	29	20										
359	30	20–13–44.3	29.95N	99.30E	26	4.0	3.9		4.4	2.9	34	西藏自治区 Tibet
	31	04										
	June	1989										
360	1	18–03–42.2	31.51N	109.10E	28	4.3	4.2		4.6	1.5	64	四川省 Sichuan Province
	2	02										
361	2	03–18–35.3	24.14N	122.42E	36	4.2	4.1	4.0	4.9	1.9	60	台湾岛 Taiwan
	2	11										
362	3	12–37–32.1	42.18N	85.60E	14		3.4			2.9	8	新疆自治区南部 Southern Xinjiang Province
	3	20										
363	4	01–21–53.6	30.09N	99.44E	12	4.2	3.7		4.7	2.5	44	西藏自治区 Tibet
	4	09										
364	4	02–06–07.1	23.24N	121.62E	32	4.2	4.4	4.1	4.5	1.8	56	台湾地区 Taiwan region
	4	10										
365	4	15–07–46.9	23.38N	99.44E	11	4.4	4.5		5.0	2.3	42	缅甸——中国边境地区 Burma–China border region
	4	23										
366	4	18–34–28.2	36.55N	97.85E	5	3.9	4.4			2.5	12	青海省 Qinghai Province
	5	02										
367	4	23–41–51.1	33.77N	112.28E	13		3.3			2.3	15	中国东部 Eastern China
	5	07										
368	5	01–31–58.0	30.01N	99.34E	7	3.6	3.7		4.5	3.2	29	西藏自治区 Tibet
	5	09										
369	5	15–22–01.1	27.96N	99.80E	16		3.2			2.3	7	云南省 Yunnan Province
	5	23										
370	5	21–28–15.3	32.31N	101.86E	6		3.4			3.0	9	四川省 Sichuan Province
	6	05										
371	7	04–54–27.8	32.09N	114.17E	16		3.1			0.7	6	中国东部 Eastern China
	7	12										
372	7	18–30–05.2	21.87N	121.47E	65		3.7		3.9	1.4	25	台湾地区 Taiwan region
	8	02										
373	7	21–46–27.7	38.48N	98.51E	1		3.2			2.6	6	青海省 Qinghai Province
	8	05										
374	7	23–51–22.1	34.31N	91.82E	9	4.7		5.2	3.5	2.1	43	青海省 Qinghai Province
	8	07										
375	8	01–41–50.8	30.04N	99.51E	14	3.7	3.5		5.3	2.2	34	四川省 Sichuan Province
	8	09										
376	8	13–46–27.7	23.50N	121.48E	26	5.1	4.7	4.0	5.0	2.0	92	台湾岛 Taiwan
	8	21										
377	9	14–32–11.2	35.55N	105.56E	12		3.3			4.7	6	甘肃省 Gansu Province
	9	22										
378	9	14–46–04.9	29.34N	102.38E	9	5.0	4.7	5.1	4.4	5.1	2.0	96 四川省 Sichuan Province
	9	22										
379	9	18–04–03.9	39.81N	74.46E	23	4.9	5.3	5.6			1.6	64 塔吉克——新疆边境地区 Tadzhikistan–Xinjiang border region
	10	02										
380	9	21–11–20.2	25.26N	102.01E	10	4.6	4.1		4.5		2.5	58 云南省 Yunnan Province
	10	05										
381	10	10–41–43.3	25.19N	101.84E	4		3.1				4.7	5 云南省 Yunnan Province
	10	18										
382	13	07–21–00.4	31.52N	109.15E	14	3.8	3.7				2.1	26 四川省 Sichuan Province
	13	15										

383	13	17–07–06.6	37.01N	96.66E	7		3.3				3.9	7	青海省
	14	01											Qinghai Province
384	15	12–11–53.4	51.65N	174.23W	33			4.4	4.9		0.7	34	安德烈亚诺夫群岛
	15	20											Andreanof Islands
385	16	01–31–48.0	33.66N	122.12E	30		3.4				3.5	11	黄海
	16	09											Yellow Sea
386	16	09–25–27.3	44.92N	94.08E	26		3.5				3.5	7	新疆自治区北部
	16	17											Northern Xinjiang Province
387	16	20–12–27.6	20.64N	102.50E	10	6.1		5.5	5.5	5.1	1.5	96	印度支那半岛
	17	04											Indo–Pacific Peninsula
388	18	06–50–58.2	39.62N	118.55E	9	3.7	4.2				1.9	36	中国东北部
	18	14											North–Eastern China
389	18	17–45–09.4	39.72N	118.12E	15		3.1				2.5	10	中国东北部
	19	01											North–Eastern China
390	19	06–21–40.6	42.30N	82.47E	15		3.8				3.9	8	新疆自治区南部
	19	14											Southern Xinjiang Province
391	19	11–29–01.6	40.18N	113.01E	10		3.5				2.0	18	中国东北部
	19	19											North–Eastern China
392	19	12–33–41.6	32.57N	121.66E	16		3.1				2.1	6	中国东部
	19	20											Eastern China
393	20	05–35–49.8	25.56N	119.30E	16		3.6				2.7	7	中国东南沿海
	20	13											Near south–eastern coast of China
394	20	06–18–33.2	35.71N	97.71E	5		3.5				2.9	9	青海省
	20	14											Qinghai Province
395	20	19–53–50.9	31.32N	104.28E	3		3.1				2.8	9	四川省
	21	03											Sichuan Province
396	21	14–21–56.0	39.00N	90.84E	5		4.2				2.9	12	新疆自治区南部
	21	22											Southern Xinjiang Province
397	21	15–13–32.5	40.85N	79.80E	22		3.7				2.6	9	新疆自治区南部
	21	23											Southern Xinjiang Province
398	22	14–10–41.8	38.84N	100.22E	36		3.5				3.5	5	青海省
	22	22											Qinghai Province
399	22	17–17–35.5	40.38N	77.63E	18		3.4				2.7	5	新疆自治区南部
	23	01											Southern Xinjiang Province
400	22	19–39–32.9	23.12N	106.03E	15		3.4				2.7	5	印度支那半岛
	23	03											Indo–Pacific Peninsula
401	25	07–37–59.7	41.58N	79.49E	36		3.5				2.7	8	吉尔吉斯——新疆边境地区
	25	15											Kirgiziya–Xinjiang border region
402	25	09–17–38.6	30.95N	100.99E	11		3.5				2.7	10	四川省
	25	17											Sichuan Province
403	26	05–01–43.0	40.67N	77.10E	1		3.9				4.4	6	吉尔吉斯——新疆边境地区
	26	13											Kirgiziya–Xinjiang border region
404	26	21–40–30.5	39.09N	75.17E	23	4.3	4.5			4.2	2.2	41	塔吉克——新疆边境地区
	27	05											Tadzhikistan–Xinjiang border region
405	27	08–32–47.7	41.50N	78.98E	3		3.3				3.6	7	吉尔吉斯——新疆边境地区
	27	16											Kirgiziya–Xinjiang border region
406	27	15–47–11.4	44.77N	119.24E	7		3.2				2.9	11	中国东北部
	27	23											North–Eastern China
407	29	19–45–38.0	25.19N	124.43E	127					4.2	1.4	45	琉球群岛西南部
	30	03											South–western Ryukyu Islands
408	29	21–33–24.9	36.29N	80.84E	32		3.8				4.6	6	克什米尔——西藏边境地区
	30	05											Kashmir–Tibet border region

International Seismological Centre

International Seismological Centre

July 1989

409	2	18-26-31.2	39.12N	106.80E	9		3.2			1.8	9	中国北部 Northern China
	3	02										
410	2	23-01-07.8	23.60N	100.58E	9	4.0	4.1			2.1	12	云南省 Yunnan Province
	3	07										
411	3	16-06-39.9	23.93N	122.87E	13	4.1	4.0		4.2	2.5	47	台湾地区 Taiwan region
	4	00										
412	4	10-14-05.6	24.02N	122.59E	31	4.3	4.3	4.3	5.0	1.5	68	台湾地区 Taiwan region
	4	18										
413	4	13-58-51.1	47.43N	85.28E	29		3.6			2.4	6	哈萨克——新疆边境地区 Kazakhstan-Xinjiang border region
	4	21										
414	5	13-28-40.7	23.98N	122.62E	27	4.2	3.9		4.8	1.7	55	台湾地区 Taiwan region
	5	21										
415	7	16-13-36.8	41.84N	120.62E	19		3.0			2.6	10	中国东北部 North-Eastern China
	8	00										
416	7	20-40-04.9	25.10N	109.31E	10		3.6			2.3	17	中国东部 Eastern China
	8	04										
417	9	10-46-03.7	44.85N	81.29E	5		3.6			3.6	8	哈萨克——新疆边境地区 Kazakhstan-Xinjiang border region
	9	18										
418	9	15-31-42.1	23.51N	122.69E	49		3.4			1.1	10	台湾地区 Taiwan region
	9	23										
419	10	18-22-29.1	39.12N	75.18E	27	4.4	4.5	4.3	4.5	2.1	26	塔吉克——新疆边境地区 Tadzhikistan-Xinjiang border region
	11	02										
420	10	22-55-35.4	19.36N	121.10E	32	4.4	3.8	4.4	4.4	1.8	63	吕宋岛 Luzon
	11	06										
421	11	00-41-41.2	24.32N	123.05E	20		3.6			2.0	21	台湾地区 Taiwan region
	11	08										
422	11	11-32-34.4	31.81N	104.44E	19	3.6	4.0			2.3	22	四川省 Sichuan Province
	11	19										
423	11	15-47-50.4	43.58N	87.32E	26		3.7			2.7	6	新疆自治区北部 Northern Xinjiang Province
	11	23										
424	12	02-23-42.9	38.48N	112.99E	15		3.1			2.5	9	中国东北部 North-Eastern China
	12	10										
425	13	08-51-31.3	24.81N	122.36E	122					1.7	10	台湾岛 Taiwan
	13	16										
426	13	12-53-07.5	36.07N	80.85E	41	4.5	4.8		4.5	2.2	23	克什米尔——西藏边境地区 Kashmir-Tibet border region
	13	20										
427	14	17-19-43.2	23.11N	121.79E	15		3.6		4.3	2.0	25	台湾地区 Taiwan region
	15	01										
428	15	03-38-51.3	39.54N	94.85E	10		3.8			2.8	6	甘肃省 Gansu Province
	15	11										
429	15	09-32-30.0	26.02N	99.82E	15		3.6			3.9	6	云南省 Yunnan Province
	15	17										
430	15	22-27-22.4	23.45N	123.33E	16	4.2	3.5		4.6	2.1	36	台湾地区 Taiwan region
	16	06										
431	17	07-52-05.6	23.36N	121.98E	21		3.7			3.0	12	台湾地区 Taiwan region
	17	15										
432	19	21-10-48.6	29.42N	105.65E	15	3.8	3.7			2.7	20	四川省 Sichuan Province
	20	05										
433	20	00-52-15.4	43.37N	87.66E	28		3.6			1.9	9	新疆自治区北部 Northern Xinjiang Province
	20	08										

434	21	03–09–13.6	29.99N	99.49E	13	5.9	5.7	5.9	5.3	5.5	2.0	89	西藏自治区
	21	11											Tibet
435	21	03–27–07.4	29.85N	99.02E	15		4.4			4.8	2.8	25	西藏自治区
	21	11											Tibet
436	21	06–20–42.0	40.86N	79.21E	8	4.9	5.4			5.0	1.7	71	新疆自治区南部
	21	14											Southern Xinjiang Province
437	21	16–36–34.4	38.39N	89.42E	15		4.0				2.7	9	新疆自治区南部
	22	00											Southern Xinjiang Province
438	22	09–47–26.4	29.75N	106.76E	18		3.2				2.6	8	四川省
	22	17											Sichuan Province
439	22	19–15–08.6	37.43N	115.09E	10		3.8				2.6	29	中国东部
	23	03											Eastern China
440	23	12–01–29.7	54.44N	125.48E	16	5.1				4.6	4.7	1.9	62 俄罗斯东部——中国东北边境地区
	23	20											E. Russia–N.E. China border region
441	24	04–30–22.4	36.11N	81.10E	30		4.3				4.0	6	克什米尔——西藏边境地区
	24	12											Kashmir–Tibet border region
442	24	13–56–23.4	25.57N	100.36E	8		3.6				2.3	11	云南省
	24	21											Yunnan Province
443	25	11–22–25.0	29.06N	104.76E	16		3.0				1.6	7	四川省
	25	19											Sichuan Province
444	25	17–50–44.6	40.99N	94.79E	5		3.7				2.9	7	甘肃省
	26	01											Gansu Province
445	28	08–51–10.4	40.48N	122.51E	15		3.3				1.5	9	中国东北部
	28	16											North–Eastern China
446	28	16–18–16.4	23.54N	121.63E	32	3.9	4.0			4.2	2.1	30	台湾岛
	29	00											Taiwan
447	29	18–00–31.4	39.52N	73.03E	25	4.1	4.3			4.6	2.5	23	吉尔吉斯
	30	02											Kirgiziya
448	31	09–58–18.7	40.96N	78.13E	13		3.4				2.7	7	吉尔吉斯——新疆边境地区
	31	17											Kirgiziya–Xinjiang border region
	August	1989											
449	1	10–59–47.3	41.88N	79.50E	21		3.3				3.5	8	吉尔吉斯——新疆边境地区
	1	18											Kirgiziya–Xinjiang border region
450	2	20–35–07.2	29.83N	106.79E	25		3.0				2.9	9	四川省
	3	04											Sichuan Province
451	2	21–26–16.2	23.30N	123.73E	30	4.3	4.0			4.9	4.4	2.2	46 台湾东南以远地区
	3	05											South–east of Taiwan
452	3	08–06–16.7	37.71N	122.39E	20		3.2				2.9	7	中国东北部
	3	16											North–Eastern China
453	3	11–31–19.0	23.12N	121.99E	9	6.7		6.2	6.4	5.9	1.5	112	台湾地区
	3	19											Taiwan region
454	4	11–24–30.6	35.41N	113.55E	19		3.5				2.3	15	中国东部
	4	19											Eastern China
455	4	11–56–04.4	35.38N	113.49E	17		3.0				3.1	8	中国东部
	4	19											Eastern China
456	4	15–32–40.4	23.49N	121.90E	10	4.5	4.1			4.4	2.8	57	台湾地区
	4	23											Taiwan region
457	5	09–15–58.3	38.53N	73.75E	29		4.3			4.6	3.0	18	塔吉克——新疆边境地区
	5	17											Tadzhikistan–Xinjiang border region
458	5	12–29–22.2	29.97N	99.67E	32	3.9	3.6				2.7	24	四川省
	5	20											Sichuan Province

459	5	13–33–46.7	30.13N	99.64E	14	4.7	4.4	5.7	4.9	2.2	84	四川省	
	5	21										Sichuan Province	
460	5	18–43–46.0	27.31N	103.33E	27	4.1	4.4		4.1	2.4	54	四川省	
	6	02										Sichuan Province	
461	5	19–01–20.1	22.56N	122.18E	7	4.1	4.0	4.6		3.0	26	台湾地区	
	6	03										Taiwan region	
462	6	04–25–18.1	42.95N	94.26E	5		3.4			4.8	5	新疆自治区北部	
	6	12										Northern Xinjiang Province	
463	8	16–25–49.6	45.65N	130.74E	17		3.1			2.4	8	俄罗斯东部——中国东北边境地区	
	9	00										E. Russia–N.E. China border region	
464	9	16–01–26.1	24.69N	94.55E	85	4.3			5.2	1.8	59	缅甸——印度边境地区	
	10	00										Burma–India border region	
465	10	01–19–59.6	42.20N	125.73E	6		3.4			3.7	6	中国东北部	
	10	09										North–Eastern China	
466	10	16–49–51.8	27.20N	97.01E	37		3.6		4.2	2.1	31	缅甸	
	11	00										Burma	
467	12	06–24–37.8	40.66N	76.66E	13		3.8			3.3	10	吉尔吉斯——新疆边境地区	
	12	14										Kirgiziya–Xinjiang border region	
468	13	01–31–22.2	22.97N	120.48E	25	4.3	4.7		4.6	2.0	54	台湾地区	
	13	09										Taiwan region	
469	13	18–08–28.2	41.89N	119.38E	5		3.0			2.6	10	中国东北部	
	14	02										North–Eastern China	
470	13	18–47–22.2	42.33N	87.84E	31	3.8	4.5			2.5	14	新疆自治区南部	
	14	02										Southern Xinjiang Province	
471	14	08–16–47.8	46.83N	86.49E	28		4.6			2.6	17	新疆自治区北部	
	14	16										Northern Xinjiang Province	
472	14	14–33–29.4	29.77N	103.44E	16		3.3			1.8	7	四川省	
	14	22										Sichuan Province	
473	16	14–56–45.1	36.24N	80.82E	24		4.0			4.1	7	克什米尔——西藏边境地区	
	16	22										Kashmir–Tibet border region	
474	17	11–19–09.2	26.16N	102.14E	5		3.2			2.5	9	云南省	
	17	19										Yunnan Province	
475	20	00–07–38.6	38.36N	72.54E	25		4.5		4.4	1.7	17	塔吉克	
	20	08										Tadzhikistan	
476	20	03–21–19.1	43.45N	125.41E	9		3.8			2.9	13	中国东北部	
	20	11										North–Eastern China	
477	21	13–16–51.9	40.45N	106.09E	26		4.2			2.2	20	中国北部	
	21	21										Northern China	
478	21	23–12–40.8	24.11N	122.53E	44	6.3		6.2	6.3	5.6	1.6	111	台湾地区
	22	07											Taiwan region
479	22	19–59–39.4	23.97N	122.76E	28	4.3	4.0	4.9		4.3	2.0	58	台湾地区
	23	03											Taiwan region
480	22	20–02–36.8	23.97N	122.71E	32	4.5	4.3		5.0	4.9	1.5	68	台湾地区
	23	04											Taiwan region
481	22	23–24–25.4	24.29N	123.08E	40	4.2	4.0		3.9	4.3	1.6	55	台湾地区
	23	07											Taiwan region
482	23	05–41–39.1	21.20N	111.90E	34		3.7				3.4	6	中国东部
	23	13											Eastern China
483	23	08–57–17.2	26.88N	104.04E	21		3.6				2.8	14	云南省
	23	16											Yunnan Province
484	23	19–43–41.2	23.01N	121.92E	27	4.5	4.2				1.9	51	台湾地区
	24	03											Taiwan region

485	24	20-47-41.0	36.13N	81.11E	5		4.2			2.1	8	克什米尔——西藏边境地区	
	25	04										Kashmir-Tibet border region	
486	24	23-35-01.1	44.98N	93.85E	29		3.5			3.0	5	新疆自治区北部	
	25	07										Northern Xinjiang Province	
487	25	01-39-45.3	24.10N	122.57E	41	4.0	4.1		4.2	1.7	38	台湾地区	
	25	09										Taiwan region	
488	25	09-02-41.4	32.60N	104.50E	16	3.5	4.0			2.9	23	四川省	
	25	17										Sichuan Province	
489	27	23-09-10.4	41.93N	119.24E	2		3.1			2.8	11	中国东北部	
	28	07										North-Eastern China	
490	28	01-39-44.2	40.73N	122.77E	5		3.1			2.3	9	中国东北部	
	28	09										North-Eastern China	
491	28	03-25-05.9	21.00N	112.12E	32		4.1			2.7	7	中国东部	
	28	11										Eastern China	
492	28	03-26-53.0	40.61N	79.41E	31		3.5			3.1	9	新疆自治区南部	
	28	11										Southern Xinjiang Province	
493	28	10-25-12.4	41.83N	119.32E	3		3.1			2.6	13	中国东北部	
	28	18										North-Eastern China	
494	29	10-25-09.2	40.61N	76.79E	8		3.6			2.6	5	吉尔吉斯——新疆边境地区	
	29	18										Kirgiziya-Xinjiang border region	
495	29	17-33-14.4	26.68N	103.04E	32		3.1			3.0	8	四川省	
	30	01										Sichuan Province	
496	29	20-39-21.3	42.33N	86.01E	23		3.8			2.2	10	新疆自治区南部	
	30	04										Southern Xinjiang Province	
497	31	19-54-41.7	28.60N	99.67E	33	4.2	3.9		4.3	2.3	51	云南省	
	1	03										Yunnan Province	
	September	1989											
498	1	09-20-06.7	38.93N	92.05E	15		3.7			3.1	6	青海省	
	1	17										Qinghai Province	
499	2	21-49-20.1	40.84N	78.34E	22		3.5			3.2	8	吉尔吉斯——新疆边境地区	
	3	05										Kirgiziya-Xinjiang border region	
500	2	22-29-25.2	25.49N	125.29E	32	5.3	4.9	5.5	5.5	5.1	1.7	87	琉球群岛西南部
	3	06										South-western Ryukyu Islands	
501	3	00-19-37.5	25.59N	125.29E	37	5.6	5.2	5.5	5.1	5.1	1.8	88	台湾东北以远地区
	3	08										North-east of Taiwan	
502	3	11-39-42.3	25.48N	125.30E	31	4.1	4.1			4.2	2.6	33	琉球群岛西南部
	3	19										South-western Ryukyu Islands	
503	3	22-03-55.1	39.41N	102.77E	8	4.6	5.4	5.2		4.4	2.3	67	甘肃省
	4	06										Gansu Province	
504	4	21-36-48.8	21.85N	119.66E	21	4.5	4.1	4.1			1.9	55	台湾地区
	5	05										Taiwan region	
505	5	01-20-31.3	29.72N	99.28E	17		3.4				4.4	9	西藏自治区
	5	09										Tibet	
506	5	07-40-28.0	39.62N	118.89E	11		3.3				3.5	12	中国东北部
	5	15										North-Eastern China	
507	5	18-55-24.6	30.06N	99.58E	14	3.9	3.8				2.9	18	四川省
	6	02										Sichuan Province	
508	5	20-50-50.1	40.73N	122.65E	20		3.0				1.4	7	中国东北部
	6	04										North-Eastern China	
509	6	12-16-58.7	24.07N	122.51E	31	4.7	4.6				1.2	65	台湾地区
	6	20										Taiwan region	

International Seismological Centre

510	6 6 21	13–39–37.5	24.03N	122.56E	30	4.3	4.3	4.3	5.0	1.8	64	台湾地区 Taiwan region
511	7 7 15	07–57–33.0	24.19N	121.51E	30	5.0	5.0	5.1		2.1	72	台湾岛 Taiwan
512	7 7 16	08–18–36.1	24.17N	121.50E	20	4.5	4.6			2.0	62	台湾岛 Taiwan
513	7 8 03	19–29–34.7	23.92N	122.62E	7	3.9	4.0		4.4	1.8	39	台湾地区 Taiwan region
514	7 8 05	21–11–02.9	29.57N	102.05E	1		3.2			4.1	9	四川省 Sichuan Province
515	8 9 05	21–07–13.7	29.88N	106.93E	9	4.0	3.9			1.8	27	四川省 Sichuan Province
516	8 9 05	21–09–36.6	29.85N	106.72E	16	4.0	3.8			3.0	10	四川省 Sichuan Province
517	9 9 22	14–06–02.7	38.14N	73.79E	145				4.7	1.9	12	塔吉克 Tadzhikistan
518	9 10 03	19–19–48.2	42.69N	83.99E	25		3.8			3.0	9	新疆自治区北部 Northern Xinjiang Province
519	9 10 05	21–25–02.8	42.64N	113.17E	10		3.0			1.2	5	中国东北部 North–Eastern China
520	10 10 16	08–06–18.8	37.03N	114.77E	17		3.2			3.3	8	中国东部 Eastern China
521	10 10 16	08–06–18.8	37.03N	114.77E	16		3.1			3.3	8	中国东部 Eastern China
522	10 10 22	14–06–02.2	38.18N	73.85E	145				4.7	1.8	34	塔吉克 Tadzhikistan
523	10 11 05	21–44–41.9	36.37N	81.03E	19		4.8			2.6	14	克什米尔——西藏边境地区 Kashmir–Tibet border region
524	11 11 13	05–00–38.9	32.10N	111.48E	13		3.1			4.7	6	中国东部 Eastern China
525	11 11 14	06–29–57.4	29.98N	99.41E	16		3.5			3.1	8	西藏自治区 Tibet
526	12 12 23	15–11–15.2	32.43N	93.13E	13		4.1			2.7	14	西藏自治区 Tibet
527	12 13 06	22–14–20.1	41.58N	81.43E	18		3.7			2.5	10	新疆自治区南部 Southern Xinjiang Province
528	13 13 13	05–42–43.1	24.73N	97.55E	5		3.7			4.7	8	缅甸——中国边境地区 Burma–China border region
529	13 13 15	07–06–44.9	29.96N	99.21E	15		3.0			4.3	7	西藏自治区 Tibet
530	13 13 18	10–05–04.8	26.25N	103.10E	5		3.2			3.9	7	云南省 Yunnan Province
531	13 13 18	10–11–30.2	40.65N	79.33E	15		4.0			2.6	13	新疆自治区南部 Southern Xinjiang Province
532	13 13 22	14–27–58.0	39.00N	103.30E	5		3.7			2.3	11	甘肃省 Gansu Province
533	14 15 05	21–46–31.9	38.63N	103.27E	9		3.2			5.0	6	甘肃省 Gansu Province
534	15 15 08	00–09–11.2	30.07N	99.60E	17	3.9	3.7			2.7	17	四川省 Sichuan Province
535	16 16 12	04–09–00.9	29.50N	104.23E	5		3.0			3.2	10	四川省 Sichuan Province

536	16 17	16–13–29.4 00	30.15N	99.58E	16	4.3	4.0			2.4	37	四川省 Sichuan Province
537	16 17	17–59–01.3 01	30.15N	99.50E	16	4.1	3.6		4.7	2.2	42	四川省 Sichuan Province
538	17 17	07–31–37.1 15	31.83N	91.15E	16					2.8	5	西藏自治区 Tibet
539	17 17	11–08–44.4 19	29.95N	99.40E	7		3.3			5.0	7	西藏自治区 Tibet
540	17 18	18–51–05.3 02	38.67N	99.43E	5		3.4			3.1	6	青海省 Qinghai Province
541	18 18	04–53–14.8 12	21.89N	112.43E	14	4.2	4.7	5.5		2.8	27	中国东部 Eastern China
542	18 18	10–41–29.1 18	23.40N	121.77E	33		4.0		4.0	1.9	22	台湾地区 Taiwan region
543	19 19	09–45–21.6 17	36.54N	78.19E	5	4.0	4.2			2.7	13	克什米尔——新疆边境地区 Kashmir–Xinjiang border region
544	19 19	13–54–26.8 21	23.28N	121.22E	24	3.8	3.9		3.7	2.3	20	台湾岛 Taiwan
545	19 20	17–07–42.4 01	26.71N	92.70E	36	4.6	4.4		4.6	2.2	53	印度东部 Eastern India
546	19 20	17–39–27.1 01	25.84N	99.84E	20	4.5	4.3		4.5	2.5	45	云南省 Yunnan Province
547	19 20	17–46–57.4 01	25.63N	99.98E	2		4.0			3.9	7	云南省 Yunnan Province
548	19 20	20–29–36.0 04	25.82N	99.79E	4		3.5			3.2	8	云南省 Yunnan Province
549	19 20	23–39–20.9 07	30.08N	99.12E	9		3.3			2.2	6	西藏自治区 Tibet
550	20 20	00–26–13.4 08	25.47N	103.21E	15	5.0	4.8	5.4		2.1	78	云南省 Yunnan Province
551	20 21	16–12–21.1 00	39.01N	105.11E	15		3.7			3.2	13	中国北部 Northern China
552	20 21	16–21–57.5 00	39.16N	97.18E	13	4.9	4.4			2.2	56	青海省 Qinghai Province
553	21 21	09–41–37.8 17	38.32N	74.05E	162				5.0	1.5	16	塔吉克 Tadzhikistan
554	21 22	16–29–02.1 00	39.91N	118.98E	15		2.9			2.7	8	中国东北部 North–Eastern China
555	22 22	02–25–50.4 10	31.58N	102.51E	12	6.5	5.3	6.5		2.0	85	四川省 Sichuan Province
556	22 22	13–15–02.6 21	39.32N	97.62E	5	3.8	4.1			2.8	10	青海省 Qinghai Province
557	23 23	14–50–34.0 22	34.28N	121.67E	13		3.2			2.4	7	黄海 Yellow Sea
558	23 24	17–51–37.5 01	22.71N	121.98E	22	5.4	5.4	5.5		1.6	73	台湾地区 Taiwan region
559	23 24	17–54–44.6 01	29.84N	98.97E	15	4.8	3.1			3.5	8	西藏自治区 Tibet
560	24 24	10–04–51.3 18	24.78N	124.43E	7		3.8		4.8	2.8	35	琉球群岛西南部 South–western Ryukyu Islands
561	27 27	15–46–45.5 23	42.74N	83.93E	14		3.7			3.3	9	新疆自治区北部 Northern Xinjiang Province

562	27	18–37–52.9	22.39N	102.29E	8	4.3	4.5		2.6	17	缅甸——中国边境地区	
	28	02									Burma–China border region	
563	27	21–09–26.7	27.92N	101.24E	14		3.5		2.9	11	云南省	
	28	05									Yunnan Province	
564	28	23–19–00.6	39.27N	112.37E	16		3.2		4.2	9	中国东北部	
	29	07									North–Eastern China	
565	29	13–40–18.4	36.81N	82.97E	8		4.4		2.3	13	新疆自治区南部	
	29	21									Southern Xinjiang Province	
566	29	17–10–11.8	28.74N	104.88E	5		3.5		3.4	10	四川省	
	30	01									Sichuan Province	
567	30	01–06–55.1	42.13N	84.70E	22		3.5		3.4	7	新疆自治区南部	
	30	09									Southern Xinjiang Province	
	October	1989										
568	1	09–10–27.0	34.84N	101.46E	15	3.6	3.7		3.4	16	青海省	
	1	17									Qinghai Province	
569	1	12–50–46.2	25.15N	122.25E	205			4.2	1.3	24	台湾岛	
	1	20									Taiwan	
570	4	08–52–51.1	38.38N	104.87E	13		3.7		3.1	14	中国北部	
	4	16									Northern China	
571	4	22–42–28.3	36.72N	82.95E	10		4.6		2.2	17	新疆自治区南部	
	5	06									Southern Xinjiang Province	
572	5	02–45–58.6	39.63N	118.29E	4		3.5		2.3	22	中国东北部	
	5	10									North–Eastern China	
573	5	03–55–37.2	39.53N	118.36E	12		3.9		2.1	29	中国东北部	
	5	11									North–Eastern China	
574	5	08–35–12.6	29.83N	99.12E	5		3.3		4.3	7	西藏自治区	
	5	16									Tibet	
575	5	23–54–58.8	38.21N	119.41E	12		3.6		1.9	21	中国东北部	
	6	07									North–Eastern China	
576	7	03–15–17.2	33.57N	94.84E	15	3.7	4.6		3.5	17	青海省	
	7	11									Qinghai Province	
577	7	18–59–45.3	36.63N	82.80E	10		5.3		1.8	18	新疆自治区南部	
	8	02									Southern Xinjiang Province	
578	8	10–59–31.1	36.98N	82.73E	5		3.6		3.1	8	新疆自治区南部	
	8	18									Southern Xinjiang Province	
579	8	11–06–31.8	27.55N	102.90E	6		3.4		3.1	15	四川省	
	8	19									Sichuan Province	
580	8	12–50–19.5	22.49N	123.39E	18	4.6	4.1	4.3	1.6	56	台湾地区	
	8	20									Taiwan region	
581	8	15–49–30.7	36.56N	82.74E	12	4.9	5.5	5.4	1.8	60	新疆自治区南部	
	8	23									Southern Xinjiang Province	
582	10	04–10–50.0	28.10N	87.52E	9	4.3			2.3	30	尼泊尔	
	10	12									Nepal	
583	10	18–57–28.7	37.25N	114.99E	17		3.6		3.0	23	中国东部	
	11	02									Eastern China	
584	11	00–52–21.8	44.82N	79.35E	5		4.2		3.1	8	哈萨克东部	
	11	08									Eastern Kazakhstan	
585	11	16–02–50.6	35.36N	115.37E	18		3.3		3.2	12	中国东部	
	12	00									Eastern China	
586	12	03–50–13.8	33.49N	94.43E	17				2.2	7	西藏自治区	
	12	11									Tibet	

International Seismological Centre

587	12	04–44–17.5	23.27N	108.15E	12		3.2				2.8	5	中国东部 Eastern China
	12	12											
588	12	06–39–32.0	24.05N	120.84E	28	4.5	4.3				1.7	22	台湾岛 Taiwan
	12	14											
589	13	07–06–41.4	41.88N	120.67E	15		3.1				3.6	9	中国东北部 North–Eastern China
	13	15											
590	13	16–07–11.8	24.82N	122.56E	56	5.2	4.6	5.0	4.6	4.5	2.3	65	台湾地区 Taiwan region
	14	00											
591	14	23–10–47.8	39.49N	72.87E	33	4.6	4.9		4.2	4.9	1.4	53	塔吉克 Tadzhikistan
	15	07											
592	15	14–36–03.9	22.07N	101.68E	8	4.4	4.4				1.8	30	缅甸——中国边境地区 Burma–China border region
	15	22											
593	16	09–25–16.6	36.05N	103.70E	5	3.5	4.1				2.5	25	甘肃省 Gansu Province
	16	17											
594	16	14–26–38.7	36.18N	82.87E	19		3.8				2.6	8	西藏自治区 Tibet
	16	22											
595	17	11–35–12.4	24.20N	123.44E	29	4.3	3.8			5.1	2.6	33	台湾地区 Taiwan region
	17	19											
596	17	12–06–29.3	23.97N	122.64E	23	4.1	4.1				2.2	23	台湾地区 Taiwan region
	17	20											
597	18	03–10–36.5	32.57N	93.86E	12	4.4	4.3			4.5	1.7	46	西藏自治区 Tibet
	18	11											
598	18	05–36–20.8	35.91N	80.82E	15		3.9				2.7	6	克什米尔——西藏边境地区 Kashmir–Tibet border region
	18	13											
599	18	14–57–21.6	39.94N	113.88E	10	5.7	5.3	6.3	5.3	5.1	1.7	94	中国东北部 North–Eastern China
	18	22											
600	18	15–15–26.8	39.83N	113.89E	4		3.7				2.3	18	中国东北部 North–Eastern China
	18	23											
601	18	15–19–33.9	39.81N	113.87E	13		3.8				2.3	13	中国东北部 North–Eastern China
	18	23											
602	18	15–29–22.6	39.90N	113.84E	15		3.6				1.5	13	中国东北部 North–Eastern China
	18	23											
603	18	15–30–04.6	39.75N	113.80E	8		3.9				2.4	10	中国东北部 North–Eastern China
	18	23											
604	18	15–41–40.0	39.88N	113.89E	9		3.6				1.6	19	中国东北部 North–Eastern China
	18	23											
605	18	16–47–28.1	39.92N	113.84E	13		3.2				1.7	7	中国东北部 North–Eastern China
	19	00											
606	18	16–52–56.1	39.93N	113.95E	9		4.3				2.0	33	中国东北部 North–Eastern China
	19	00											
607	18	17–01–34.1	39.92N	113.91E	13	5.9	5.1	6.4			1.9	101	中国东北部 North–Eastern China
	19	01											
608	18	17–09–46.1	39.79N	113.96E	15		4.0				1.9	6	中国东北部 North–Eastern China
	19	01											
609	18	17–11–21.0	39.93N	113.88E	10	4.8	4.9			4.7	2.3	43	中国东北部 North–Eastern China
	19	01											
610	18	17–26–26.4	39.86N	113.82E	11		4.3				1.5	31	中国东北部 North–Eastern China
	19	01											
611	18	17–30–18.4	39.93N	113.85E	5		3.8				2.2	13	中国东北部 North–Eastern China
	19	01											
612	18	18–10–36.6	39.86N	113.84E	18		3.2				1.7	8	中国东北部 North–Eastern China
	19	02											

International Seismological Centre

613	18	18–20–46.0	39.92N	113.87E	7	5.5	5.9	6.4		1.7	79	中国东北部 North–Eastern China
	19	02										
614	18	18–53–25.1	39.91N	113.82E	18		3.3			1.5	9	中国东北部 North–Eastern China
	19	02										
615	18	19–37–51.9	39.84N	113.90E	3		3.5			2.3	18	中国东北部 North–Eastern China
	19	03										
616	18	19–46–33.0	39.86N	113.82E	1		3.3			1.8	14	中国东北部 North–Eastern China
	19	03										
617	18	21–02–02.5	39.97N	113.95E	9	4.6	4.5	4.9	4.5	2.1	56	中国东北部 North–Eastern China
	19	05										
618	18	23–54–23.8	39.76N	113.84E	9		3.3			2.7	10	中国东北部 North–Eastern China
	19	07										
619	19	02–43–09.9	39.85N	113.86E	15		3.4			2.0	10	中国东北部 North–Eastern China
	19	10										
620	19	02–57–36.8	39.87N	113.95E	5		3.3			2.0	8	中国东北部 North–Eastern China
	19	10										
621	19	03–14–37.8	39.90N	113.95E	7		3.2			2.5	8	中国东北部 North–Eastern China
	19	11										
622	19	03–59–14.8	39.76N	113.84E	18		3.3			2.8	10	中国东北部 North–Eastern China
	19	11										
623	19	04–24–43.5	39.79N	113.94E	17		3.1			3.6	8	中国东北部 North–Eastern China
	19	12										
624	19	07–51–26.1	39.86N	113.64E	15		3.3			3.2	11	中国东北部 North–Eastern China
	19	15										
625	19	10–29–03.5	39.94N	113.88E	10	4.9	5.0	5.6		2.0	66	中国东北部 North–Eastern China
	19	18										
626	19	12–32–15.3	39.84N	113.88E	9		3.8			2.3	27	中国东北部 North–Eastern China
	19	20										
627	19	12–53–05.0	39.84N	113.82E	9		3.6			1.5	14	中国东北部 North–Eastern China
	19	20										
628	19	12–58–56.9	39.72N	113.58E	1		3.2			3.9	13	中国东北部 North–Eastern China
	19	20										
629	19	14–00–00.1	39.91N	113.89E	5		3.9			2.1	25	中国东北部 North–Eastern China
	19	22										
630	19	17–56–49.0	39.90N	113.96E	12		4.1			2.1	38	中国东北部 North–Eastern China
	20	01										
631	19	23–54–33.9	39.89N	113.87E	16		3.4			1.9	13	中国东北部 North–Eastern China
	20	07										
632	20	03–03–10.5	39.77N	113.90E	11		3.3			2.9	10	中国东北部 North–Eastern China
	20	11										
633	20	06–48–00.3	41.75N	82.55E	8		3.6			2.4	8	新疆自治区南部 Southern Xinjiang Province
	20	14										
634	20	11–41–43.0	39.86N	113.97E	7		4.1			2.3	29	中国东北部 North–Eastern China
	20	19										
635	20	11–52–21.1	38.58N	81.80E	32		4.5			2.1	14	新疆自治区南部 Southern Xinjiang Province
	20	19										
636	20	12–19–21.0	39.56N	74.13E	19		4.2			3.9	6	塔吉克——新疆边境地区 Tadzhikistan–Xinjiang border region
	20	20										
637	21	00–18–27.2	39.19N	97.21E	5		3.6			2.3	9	青海省 Qinghai Province
	21	08										
638	21	02–04–59.1	41.77N	82.66E	17		3.7			1.6	10	新疆自治区南部 Southern Xinjiang Province
	21	10										

International Seismological Centre

639	21	04-02-12.8	41.77N	82.57E	10		3.4		2.0	7	新疆自治区南部	
	21	12									Southern Xinjiang Province	
640	21	04-18-29.4	41.76N	82.52E	6		3.5		2.5	10	新疆自治区南部	
	21	12									Southern Xinjiang Province	
641	21	19-14-28.8	39.84N	113.87E	12		3.3		1.8	13	中国东北部	
	22	03									North-Eastern China	
642	23	04-22-23.6	39.80N	113.86E	20		3.2		1.8	10	中国东北部	
	23	12									North-Eastern China	
643	23	08-22-42.4	39.84N	113.92E	10		3.7		1.9	18	中国东北部	
	23	16									North-Eastern China	
644	23	10-16-52.7	24.20N	122.34E	30	3.8	3.6	2.0	1.9	22	台湾岛	
	23	18									Taiwan	
645	23	13-19-34.4	39.92N	113.88E	13	4.9	5.1		2.0	53	中国东北部	
	23	21									North-Eastern China	
646	23	15-54-51.1	39.97N	113.74E	13		3.2		1.9	10	中国东北部	
	23	23									North-Eastern China	
647	23	17-07-56.3	39.80N	113.88E	3		3.7		2.1	21	中国东北部	
	24	01									North-Eastern China	
648	24	13-33-32.3	41.87N	82.58E	37	3.9	4.5	4.6	2.2	36	新疆自治区南部	
	24	21									Southern Xinjiang Province	
649	24	13-38-28.9	41.73N	82.50E	31		4.4	4.8	2.1	30	新疆自治区南部	
	24	21									Southern Xinjiang Province	
650	24	18-06-26.0	41.71N	82.57E	6		3.5		3.5	9	新疆自治区南部	
	25	02									Southern Xinjiang Province	
651	25	06-24-54.9	41.78N	82.31E	2		3.3		4.0	6	新疆自治区南部	
	25	14									Southern Xinjiang Province	
652	25	07-31-16.4	41.87N	82.24E	5		3.3		2.6	5	新疆自治区南部	
	25	15									Southern Xinjiang Province	
653	25	10-50-53.6	41.76N	82.51E	5		3.4		2.0	8	新疆自治区南部	
	25	18									Southern Xinjiang Province	
654	25	10-51-49.5	40.16N	113.14E	12		3.3		3.4	7	中国东北部	
	25	18									North-Eastern China	
655	25	13-06-31.4	36.84N	103.85E	4	3.6	3.9		2.4	21	甘肃省	
	25	21									Gansu Province	
656	25	20-52-51.0	39.80N	113.87E	5		3.1		1.9	5	中国东北部	
	26	04									North-Eastern China	
657	25	23-51-23.0	39.88N	113.84E	28		3.5		1.9	16	中国东北部	
	26	07									North-Eastern China	
658	26	04-27-40.1	47.33N	121.06E	15		4.0		3.0	13	中国东北部	
	26	12									North-Eastern China	
659	27	00-57-30.5	41.73N	82.64E	10		4.1		2.4	15	新疆自治区南部	
	27	08									Southern Xinjiang Province	
660	28	13-26-12.0	36.17N	81.09E	32		4.8		2.1	12	克什米尔——西藏边境地区	
	28	21									Kashmir-Tibet border region	
661	28	20-21-17.5	39.86N	113.60E	2		3.2		2.4	11	中国东北部	
	29	04									North-Eastern China	
662	29	02-22-44.6	39.87N	113.88E	9		4.2		1.9	32	中国东北部	
	29	10									North-Eastern China	
663	29	11-13-44.8	39.84N	113.84E	25		3.1		2.8	6	中国东北部	
	29	19									North-Eastern China	
664	29	19-47-40.7	29.72N	108.80E	15	3.8	3.2		3.4	10	四川省	
	30	03									Sichuan Province	

665	30	09-23-04.7	35.40N	80.43E	25		4.5			3.8	8	克什米尔——西藏边境地区 Kashmir-Tibet border region
	30	17										
666	30	12-54-42.1	39.30N	75.10E	13		3.6			4.3	6	塔吉克——新疆边境地区 Tadzhikistan-Xinjiang border region
	30	20										
667	31	03-50-46.7	23.28N	117.45E	35		3.5			2.1	5	中国东南沿海 Near south-eastern coast of China
	31	11										
	November 1989											
668	1	16-26-31.2	23.26N	120.87E	10	3.9	3.9			1.8	19	台湾岛 Taiwan
	2	00										
669	1	23-35-13.8	32.96N	94.33E	26	4.4				2.3	25	西藏自治区 Tibet
	2	07										
670	2	07-22-41.1	36.01N	106.26E	27	4.5	4.8			1.7	86	甘肃省 Gansu Province
	2	15										
671	2	17-16-28.7	33.00N	94.27E	9	4.6		5.7	4.7	2.7	60	西藏自治区 Tibet
	3	01										
672	4	10-21-03.4	44.23N	88.04E	18		3.7			1.9	9	新疆自治区北部 Northern Xinjiang Province
	4	18										
673	4	14-58-32.4	39.86N	113.89E	6		3.0			1.5	7	中国东北部 North-Eastern China
	4	22										
674	5	02-28-50.2	40.24N	118.42E	8		3.1			1.6	8	中国东北部 North-Eastern China
	5	10										
675	5	22-11-17.2	36.59N	82.75E	21		3.8			4.2	8	新疆自治区南部 Southern Xinjiang Province
	6	06										
676	6	08-09-16.5	24.87N	122.12E	7	3.5	3.8		4.2	2.3	14	台湾岛 Taiwan
	6	16										
677	7	14-48-29.6	39.93N	113.85E	3		3.2			2.2	9	中国东北部 North-Eastern China
	7	22										
678	7	15-24-04.0	39.96N	113.94E	4		3.3			2.2	16	中国东北部 North-Eastern China
	7	23										
679	8	00-47-23.5	39.81N	114.02E	12		3.2			2.0	12	中国东北部 North-Eastern China
	8	08										
680	10	08-03-32.3	27.42N	103.94E	16	4.7	4.9			2.2	69	云南省 Yunnan Province
	10	16										
681	10	11-22-42.6	46.71N	84.83E	12		4.1			3.4	9	哈萨克——新疆边境地区 Kazakhstan-Xinjiang border region
	10	19										
682	11	05-35-02.4	40.75N	103.74E	35		3.2			2.2	5	中国北部 Northern China
	11	13										
683	11	15-49-22.9	47.75N	85.84E	26		4.3			1.5	8	哈萨克——新疆边境地区 Kazakhstan-Xinjiang border region
	11	23										
684	11	17-55-21.3	39.84N	113.93E	10		3.1			1.5	9	中国东北部 North-Eastern China
	12	01										
685	14	04-16-33.4	35.31N	91.15E	25	4.1	4.2		4.8	2.2	34	青海省 Qinghai Province
	14	12										
686	14	08-54-54.7	24.47N	122.01E	36		3.8			1.1	12	台湾岛 Taiwan
	14	16										
687	16	08-32-36.0	39.91N	77.31E	24	4.5	4.8			1.8	53	新疆自治区南部 Southern Xinjiang Province
	16	16										
688	16	12-59-29.3	39.99N	77.43E	28		3.7			4.4	7	新疆自治区南部 Southern Xinjiang Province
	16	20										
689	16	15-49-35.7	39.80N	113.81E	9		3.0			1.9	7	中国东北部 North-Eastern China
	16	23										

International Seismological Centre

690	16 17	21-29-22.7 05	35.71N	80.92E	15		3.5			4.5	5	克什米尔——西藏边境地区 Kashmir-Tibet border region
691	18 18	03-27-48.1 11	24.15N	121.87E	11	4.0	4.2			4.3	2.0	35 台湾岛 Taiwan
692	18 19	17-33-50.5 01	28.35N	104.74E	20	3.9	4.1				2.4	43 云南省 Yunnan Province
693	18 19	19-49-45.8 03	40.00N	77.32E	27		3.5				4.2	8 新疆自治区南部 Southern Xinjiang Province
694	19 20	17-02-43.4 01	23.72N	114.54E	11		3.6				2.9	11 中国东南沿海 Near south-eastern coast of China
695	19 20	17-36-58.5 01	23.77N	114.62E	16		3.6				2.8	11 中国东南沿海 Near south-eastern coast of China
696	19 20	22-11-24.1 06	28.85N	89.44E	5		3.4				3.5	9 西藏自治区 Tibet
697	20 20	03-18-41.7 11	29.84N	106.88E	31	4.7	4.4			4.6	1.9	58 四川省 Sichuan Province
698	20 20	03-21-06.0 11	29.91N	106.85E	23	5.3	5.4			4.7	5.2	1.8 89 四川省 Sichuan Province
699	20 20	10-07-11.1 18	23.58N	120.84E	8		3.8				1.9	21 台湾岛 Taiwan
700	21 21	01-41-18.0 09	24.05N	122.29E	10		3.2				0.9	5 台湾岛 Taiwan
701	22 22	01-41-08.7 09	37.66N	115.44E	12		3.2				1.6	17 中国东北部 North-Eastern China
702	23 24	21-38-25.4 05	42.48N	89.04E	22		3.9				2.4	9 新疆自治区南部 Southern Xinjiang Province
703	23 24	23-20-45.1 07	32.18N	121.95E	34		3.4				1.8	7 中国东部 Eastern China
704	24 24	05-05-16.2 13	41.74N	82.86E	20		3.2				1.8	9 新疆自治区南部 Southern Xinjiang Province
705	24 24	10-10-16.2 18	41.88N	82.88E	27		3.4				3.0	9 新疆自治区南部 Southern Xinjiang Province
706	24 25	19-47-51.3 03	41.85N	82.96E	29		3.7				2.2	12 新疆自治区南部 Southern Xinjiang Province
707	24 25	20-51-05.6 04	36.86N	80.17E	29		3.9				2.4	11 新疆自治区南部 Southern Xinjiang Province
708	25 26	16-13-48.2 00	23.71N	114.56E	32	4.7	5.0	5.0	4.9		1.6	71 中国东南沿海 Near south-eastern coast of China
709	25 26	16-22-57.5 00	23.49N	114.60E	15		3.6				2.3	7 中国东南沿海 Near south-eastern coast of China
710	25 26	17-02-32.9 01	23.67N	114.61E	31	4.4	4.6				1.6	27 中国东南沿海 Near south-eastern coast of China
711	25 26	18-31-24.9 02	39.81N	75.19E	27		4.3	4.7			2.7	13 新疆自治区南部 Southern Xinjiang Province
712	25 26	18-54-31.4 02	38.93N	102.39E	27		3.9				3.5	7 甘肃省 Gansu Province
713	25 26	23-40-57.8 07	43.81N	86.26E	29		3.4				3.1	8 新疆自治区北部 Northern Xinjiang Province
714	26 27	19-59-58.8 03	24.27N	122.55E	91						1.6	12 台湾地区 Taiwan region
715	26 27	22-23-57.9 06	30.49N	102.98E	15		3.1				4.2	6 四川省 Sichuan Province

International Seismological Centre

716	27	01–20–30.6	25.76N	96.37E	24	4.0	3.9	4.4	2.5	30	缅甸——印度边境地区
	27	09									Burma–India border region
717	28	21–04–49.0	38.35N	73.87E	121			4.6	1.2	46	塔吉克
	29	05									Tadzhikistan
718	30	11–41–00.1	21.69N	99.20E	25		4.3		2.4	6	缅甸
	30	19									Burma
719	30	15–12–38.3	39.83N	113.95E	7		3.5		1.8	12	中国东北部
	30	23									North–Eastern China
	December 1989										
720	1	09–48–52.7	40.64N	76.48E	14		3.8		3.6	9	吉尔吉斯——新疆边境地区
	1	17									Kirgiziya–Xinjiang border region
721	1	13–44–23.5	30.02N	99.42E	13		3.7		2.7	19	西藏自治区
	1	21									Tibet
722	1	17–32–46.1	40.79N	79.43E	13		4.2		2.6	15	新疆自治区南部
	2	01									Southern Xinjiang Province
723	1	17–35–24.9	40.99N	79.31E	11		4.4		3.8	6	新疆自治区南部
	2	01									Southern Xinjiang Province
724	2	04–02–11.0	42.94N	93.99E	18	4.0	4.4		2.6	20	新疆自治区北部
	2	12									Northern Xinjiang Province
725	2	23–01–25.7	41.53N	83.17E	21		3.6		3.6	8	新疆自治区南部
	3	07									Southern Xinjiang Province
726	3	22–59–45.8	22.11N	121.15E	46	3.5	4.0	5.0	1.7	28	台湾地区
	4	06									Taiwan region
727	4	14–20–46.0	23.77N	114.52E	17		4.0		2.5	16	中国东南沿海
	4	22									Near south–eastern coast of China
728	4	19–44–10.1	44.03N	84.58E	34		3.4		4.0	8	新疆自治区北部
	5	03									Northern Xinjiang Province
729	6	12–53–48.8	30.27N	103.27E	21	4.4	4.1	4.2	2.1	71	四川省
	6	20									Sichuan Province
730	6	20–54–20.2	32.53N	121.64E	8		3.2		4.2	7	中国东部
	7	04									Eastern China
731	6	22–01–48.6	42.12N	83.67E	26		3.5		2.5	7	新疆自治区南部
	7	06									Southern Xinjiang Province
732	7	18–01–18.0	37.54N	115.14E	10		3.1		2.3	13	中国东北部
	8	02									North–Eastern China
733	8	04–10–44.1	31.54N	102.65E	20		3.1		3.7	6	四川省
	8	12									Sichuan Province
734	8	13–05–16.4	39.93N	113.79E	9		3.7		2.7	21	中国东北部
	8	21									North–Eastern China
735	8	20–20–31.1	23.83N	118.78E	15		3.5		4.8	5	台湾地区
	9	04									Taiwan region
736	8	23–04–50.3	39.77N	113.84E	7	4.1	4.3		2.6	44	中国东北部
	9	07									North–Eastern China
737	9	11–24–47.0	39.79N	113.82E	8		3.3		2.1	17	中国东北部
	9	19									North–Eastern China
738	9	20–59–31.6	38.26N	75.03E	94			5.1	2.1	24	塔吉克——新疆边境地区
	10	04									Tadzhikistan–Xinjiang border region
739	10	20–15–49.7	23.79N	121.65E	15		3.5		2.7	11	台湾岛
	11	04									Taiwan
740	11	07–37–53.8	40.51N	122.42E	16		3.3		4.1	9	中国东北部
	11	15									North–Eastern China

International Seismological Centre

741	12	05–09–09.9	24.77N	101.50E	16		3.4		1.7	6	云南省	
	12	13									Yunnan Province	
742	12	22–07–06.6	24.80N	101.58E	17	4.0	3.8		3.0	18	云南省	
	13	06									Yunnan Province	
743	13	01–10–10.5	39.89N	113.97E	8	4.0	4.1		2.4	36	中国东北部	
	13	09									North–Eastern China	
744	13	01–15–37.5	39.92N	113.87E	14		3.2		0.9	11	中国东北部	
	13	09									North–Eastern China	
745	13	07–23–09.4	38.51N	73.80E	92			5.0	2.0	29	塔吉克——新疆边境地区	
	13	15									Tadzhikistan–Xinjiang border region	
746	13	14–48–06.3	22.99N	121.14E	5	4.1	4.0		2.2	22	台湾岛	
	13	22									Taiwan	
747	14	04–13–02.3	37.67N	115.39E	20		3.9		2.1	30	中国东北部	
	14	12									North–Eastern China	
748	14	16–04–53.9	46.85N	86.40E	31		3.4		2.2	6	新疆自治区北部	
	15	00									Northern Xinjiang Province	
749	15	07–31–50.4	24.45N	122.02E	22	4.0	4.1		2.1	41	台湾岛	
	15	15									Taiwan	
750	15	08–12–00.2	24.75N	101.49E	5		3.7		2.8	10	云南省	
	15	16									Yunnan Province	
751	15	17–51–14.4	25.86N	99.56E	17		3.2		4.7	6	云南省	
	16	01									Yunnan Province	
752	16	16–02–14.6	24.65N	101.44E	8		3.4		1.5	10	云南省	
	17	00									Yunnan Province	
753	16	16–11–38.5	24.57N	101.34E	11		3.4		2.5	12	云南省	
	17	00									Yunnan Province	
754	16	17–20–54.3	24.64N	101.65E	26		3.2		3.7	5	云南省	
	17	01									Yunnan Province	
755	16	22–41–08.3	35.91N	116.84E	9		3.0		4.3	6	中国东部	
	17	06									Eastern China	
756	17	06–31–19.8	29.77N	99.35E	16		3.4		3.6	11	西藏自治区	
	17	14									Tibet	
757	18	05–27–33.4	31.41N	102.36E	16		3.1		4.0	7	四川省	
	18	13									Sichuan Province	
758	18	13–32–09.0	40.29N	74.02E	34	4.6	4.3	4.9	2.3	28	塔吉克——新疆边境地区	
	18	21									Tadzhikistan–Xinjiang border region	
759	19	22–36–16.1	39.95N	113.78E	18		3.3		3.0	9	中国东北部	
	20	06									North–Eastern China	
760	20	07–00–36.3	27.35N	101.54E	22	3.7	3.3		2.9	16	云南省	
	20	15									Yunnan Province	
761	20	12–45–45.9	38.40N	104.88E	17		3.8		2.8	12	中国北部	
	20	20									Northern China	
762	20	21–47–50.9	36.51N	73.98E	5		4.0		2.1	10	克什米尔西北部	
	21	05									North–Western Kashmir	
763	21	22–21–11.7	24.14N	122.19E	17	4.4	4.4	4.8	2.3	51	台湾岛	
	22	06									Taiwan	
764	22	10–00–42.2	23.92N	122.48E	11		3.3		2.5	8	台湾岛	
	22	18									Taiwan	
765	22	12–24–25.2	28.88N	94.66E	33	4.2		4.8	2.1	32	印度——中国边境地区	
	22	20									India–China border region	
766	24	02–36–04.4	40.35N	111.77E	22		3.1		2.4	10	中国东北部	
	24	10									North–Eastern China	

International Seismological Centre

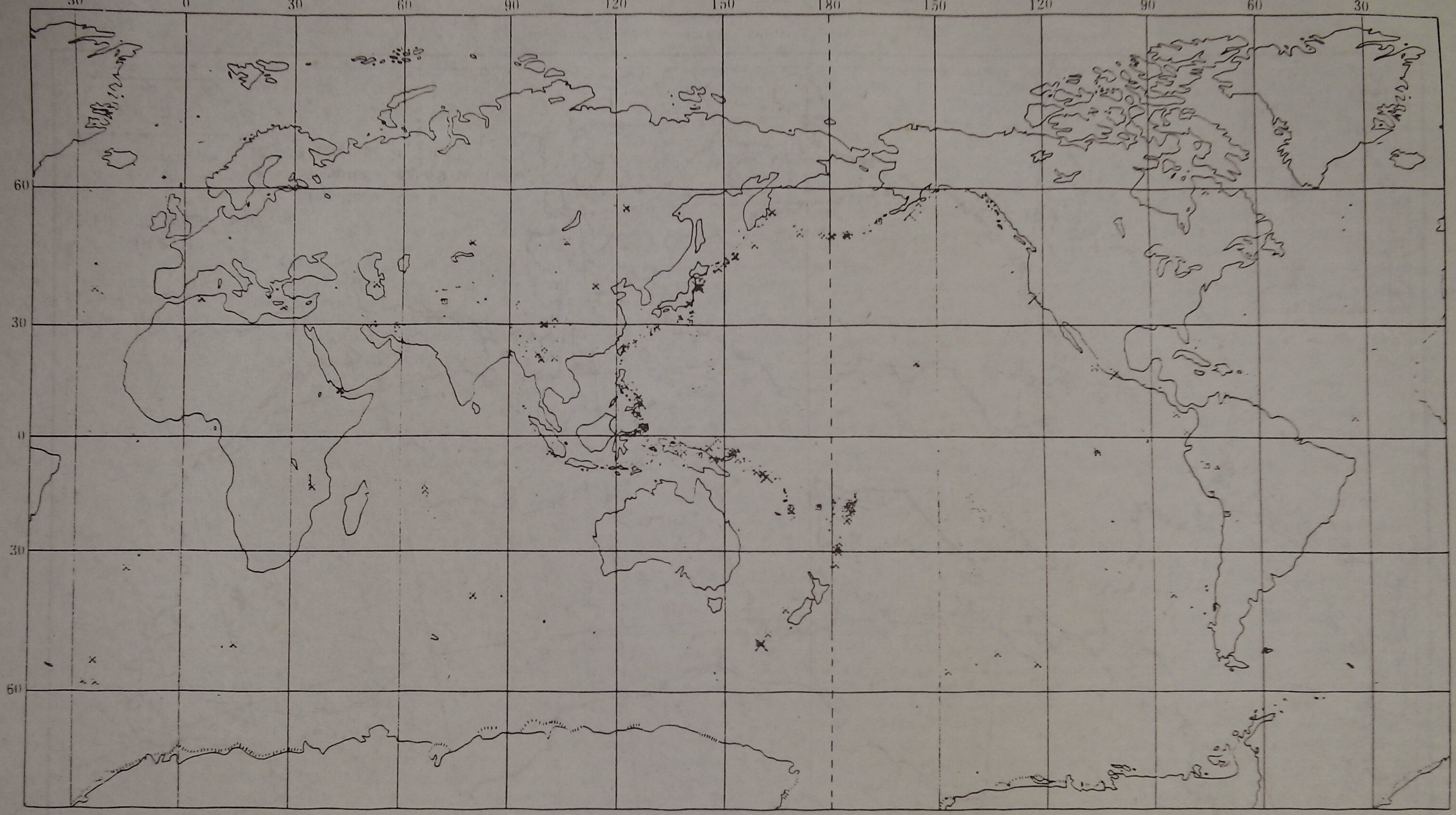
767	24	18–50–24.3	40.68N	79.45E	9		4.3			3.0	14	新疆自治区南部 Southern Xinjiang Province
	25	02										
768	24	19–24–34.2	35.59N	111.22E	12	4.4	4.7	4.5	2.2	67	中国东部 Eastern China
	25	03										
769	24	20–26–20.8	40.25N	119.05E	10	3.6	4.5	4.6	2.8	52	中国东北部 North–Eastern China
	25	04										
770	25	09–13–47.4	23.49N	121.52E	41		4.2	3.8	1.7	23	台湾地区 Taiwan region
	25	17										
771	25	13–24–04.9	31.59N	99.65E	12	4.5	4.1	4.0	2.7	46	四川省 Sichuan Province
	25	21										
772	25	17–34–00.9	35.54N	80.92E	10		4.2		2.7	7	克什米尔——西藏边境地区 Kashmir–Tibet border region
	26	01										
773	26	23–22–38.2	23.75N	120.86E	13		3.9		1.8	13	台湾岛 Taiwan
	27	07										
774	29	02–21–32.6	35.66N	76.22E	22		4.3		3.4	8	克什米尔东部 Eastern Kashmir
	29	10										
775	29	05–49–16.6	39.29N	106.98E	11		3.9	3.8	2.2	23	中国北部 Northern China
	29	13										
776	30	01–54–24.8	29.70N	99.13E	38	4.2	3.3		1.6	7	西藏自治区 Tibet
	30	09										
777	30	06–36–37.1	23.68N	121.67E	15		3.7	3.9	1.9	20	台湾岛 Taiwan
	30	14										
778	31	08–24–49.7	39.86N	113.85E	9		3.7		2.5	18	中国东北部 North–Eastern China
	31	16										

International Seismological Centre

International Seismological Centre

1989 年 震 中 分 布 图

Map of epicentral distribution of 1989



1989年世界地震震中分布图

Epicentral distribution of earthuakes all over the world of 1989

DEPTH			
<70km	70-300km	>300km	
×	□	△	Magnitude < 6.0
×	□	△	Magnitude 6.0-6.9
×	□	△	Magnitude ≥ 7.0

International Seismological Centre

1989年中国及邻区地震震中分布图

Epicentral distribution of earthquakes within and near China in 1989

International Seismological Centre

International Seismological Centre

1989 年 地 震 数 据

Observed seismological data of 1989

International Seismological Centre

Sta. code	Δ (deg.)	Az (deg.)	Phase	UTC h min s	Resid (s)	T (s)	A (μm)
JAN 1d 10h 16m 17.4±0.32s, SD3.09/32							
11.37 S±7.54km, 77.21 W±10.72km, h34±3.01km							
Near coast of Peru					(115)		
SNY	144.6	333	PKP	10 35 49.0	−2.6		
			sPKP	10 36 02.8	−2.4		
WMQ	145.1	19	ePKP	10 35 51.2	−1.4		
			pPKP	10 36 05.0	2.8		
BJI	149.1	340	ePKP	10 36 01.0	2.0		
HHC	149.6	347	PKP	10 36 04.0	3.9		
BTO	150.2	349	ePKP	10 36 05.7	4.8		
GTA	151.9	5	PKP	10 36 08.4	4.8		
TIA	152.1	335	ePKP	10 36 02.7	−0.9		
TIY	152.4	343	PKP	10 36 09.6	5.5		
GYA	164.5	347	PKP	10 36 17.2	−1.4		
			pPKP	10 36 32.2	3.9		
JAN 1d 11h 57m 42.2±0.13s, SD1.91/45							
25.03 N±1.79km, 121.80 E±1.65km, h8±0.71km							
Taiwan					(244)		
M_S4.2/11, M_L4.3/16,							
QZH	2.9	269	ePn	11 58 29.0	−0.1		
			Sn	11 59 09.7	3.5		
			SMN	M_L=4.0	1.0	0.85	
			SME		1.0	0.33	
			LN		8.0	1.28	
SSE	6.1	355	eP	11 59 11.8	−2.7		
			SMN	M_L=4.3	1.0	0.099	
			SME		1.0	0.28	
			LN	M_S=3.9	8.0	0.65	
			LE		9.0	0.77	
			LZ	M_S=3.7	10.0	0.64	
NJ2	7.5	340	+P	11 59 31.8	−2.3		
			S	12 00 55.6	−3.9		
			SMN	M_L=4.8	1.0	0.51	
			SME		1.2	0.25	
			LN	M_S=4.6	4.0	0.99	
			LE		3.0	1.13	
GZH	8.0	258	eP	11 59 43.0	1.9		
			eS	12 01 19.2	7.0		
			SMN	M_L=4.5	1.0	0.20	
			SME		1.0	0.10	
WHN	8.6	311	P	11 59 48.5	−1.3		
			sP	11 59 57.5	0.4		
			eS	12 01 28.5	0.9		
			LE	M_S=3.9	8.0	0.63	
QZN	12.6	244	eP	12 00 46.2	1.5		
			eS	12 03 09.5	3.3		
XAN	14.3	312	P	12 01 07.0	−1.0		
			LN	M_S=4.4	7.0	0.63	
BJI	15.7	344	eP	12 01 26.7	1.2		
CD2	17.0	294	eP	12 01 42.1	0.2		
BTO	18.4	330	eP	12 02 02.0	2.5		
LZH	19.0	310	eP	12 02 08.0	1.4		
CN2	19.0	8	eP	12 02 06.0	−0.6		
			eS	12 05 35.0	0.0		
			LZ	M_S=4.5	11.0	1.30	
MDJ	20.5	16	eP	12 02 25.5	1.5		
			pP	12 02 30.7	1.8		
			eS	12 06 15.0	5.9		
			LZ	M_S=4.4	15.0	1.16	
GTA	23.4	313	eP	12 02 53.2	0.3		
JAN 1d 12h 00m 41.4±0.23s, SD4.14/7							
35.30 N±1.40km, 109.87 E±1.99km, h5±km							
Eastern China					(664)		
XAN	1.5	212	Pn	12 01 07.0	−2.2		
			LN			7.0	0.63
LZH	5.0	281	ePg	12 02 08.0	−1.4		
BTO	5.3	1	ePn	12 02 02.0	0.5		
GTA	9.0	300	eP	12 02 53.2	−2.1		
JAN 1d 15h 34m 13.9±0.09s, SD3.31/7							
25.05 N±1.17km, 122.50 E±1.00km, h18±1.47km							
Taiwan region					(243)		
M_L3.4/8,							
SSE	6.1	349	ePn	15 35 42.7	−1.4		
			SME	M_L=3.3		0.8	0.022
JAN 1d 15h 56m 02.6±0.11s, SD1.97/31							
27.08 N±2.88km, 54.16 E±1.51km, h54±0.54km							
Southern Iran					(353)		
WMQ	31.8	49	eP	16 02 28.0	3.7		
			LZ	M_S=4.2		16.0	0.40
GTA	39.7	60	eP	16 03 31.2	−0.8		
BTO	47.6	59	eP	16 04 36.2	0.7		
HHC	48.7	58	eP	16 04 40.0	−4.5		
TIY	49.6	62	eP	16 04 48.6	−2.8		
JAN 1d 16h 22m 33.0±0.05s, SD2.63/5							
35.84 N±0.43km, 81.05 E±0.17km, h0±0.24km							
Kashmir–Tibet border region					(304)		
M_L3.3/3,							
KSH	5.5	314	ePg	16 24 09.0	−1.0		
			eSg	16 25 27.5	2.9		
			SME	M_L=3.3		0.3	0.030
JAN 1d 23h 13m 07.4±0.10s, SD2.20/34							
36.79 N±1.20km, 83.46 E±1.15km, h9±0.10km							
Southern Xinjiang Province					(321)		
M_S4.2/4, M_L4.5/5,							
KSH	6.5	297	ePn	23 14 44.0	−0.1		
			eSn	23 15 57.0	−3.9		
			LN	M_S=4.4		8.0	3.10
WMQ	7.7	23	Pn	23 15 04.0	3.5		
			LN	M_S=4.0		9.0	0.90
			LZ	M_S=3.9		10.0	0.86
GTA	13.1	74	eP	23 16 16.6	−0.8		
			LE	M_S=4.1		8.0	0.44
LZH	16.4	86	eP	23 17 02.0	1.9		
XAN	20.9	90	P	23 17 55.0	1.9		
BTO	21.0	71	eP	23 17 55.0	0.5		
HHC	22.2	71	eP	23 18 07.8	1.5		
GYA	22.2	111	P	23 18 07.0	0.6		
TIY	23.0	79	eP	23 18 16.0	1.6		
			S	23 22 23.5	3.3		
			LN	M_S=4.2		12.0	0.35
			LZ	M_S=4.1		16.0	0.48
BJI	25.8	73	eP	23 18 40.0	−0.4		
JAN 2d 00h 00m 39.1±0.10s, SD0.92/68							
18.14 S±1.81km, 178.35 W±1.83km, h637±0.50km							
Fiji region					(181)		
NJ2	78.1	309	+iP	00 11 36.6	0.3		
MDJ	78.4	325	eP	00 11 37.7	−0.1		
			S	00 20 48.0	5.3		
CN2	80.2	322	eP	00 11 46.8	−0.5		
WHN	80.8	306	eP	00 11 50.0	−0.1		
BJI	84.0	315	eP	00 12 06.0	−0.2		

International Seismological Centre

			pP	00 14 22.0	3.2		
GYA	85.2	300	P	00 12 09.0	−3.2		
TIY	85.5	312	−P	00 12 13.7	0.3		
			eS	00 21 52.3	−1.2		
XAN	86.4	307	P	00 12 18.6	0.6		
HHC	87.5	314	eP	00 12 23.1	0.2		
KMI	88.0	297	P	00 12 27.0	1.6		
BTO	88.4	314	eP	00 12 27.2	−0.1		
LZH	91.1	308	eP	00 12 40.0	0.4		
GTA	95.2	310	eP	00 12 58.0	−0.5		

JAN 2d 01h 51m 22.5 ± 0.24s, SD3.18 / 7
37.46 N ± 2.07km, 83.62 E ± 1.21km, h5 ± km
Southern Xinjiang Province (321)
M_L3.4 / 5,

KSH	6.4	291	ePg	01 53 14.6	−0.7		
			eSg	01 54 47.5	5.2		

JAN 2d 01h 52m 07.9 ± 0.14s, SD1.26 / 99
18.54 S ± 2.40km, 174.43 W ± 2.19km, h109 ± 0.41km
Tonga (173)
m_B6.5 / 28, m_b5.9 / 7,

QZH	78.2	301	+P	02 03 58.5	0.7		
			pP	02 04 27.0	2.1		
			iS	02 13 42.0	−0.7		
			SME	m_B = 6.1		9.0	1.38
			LN			28.0	1.04
SSE	79.1	308	−P	02 04 02.0	−0.5		
			pP	02 04 30.0	0.3		
			PP	02 07 06.0	1.8		
			S	02 13 52.0	1.6		
			ScS	02 14 11.0	0.3		
			SS	02 18 56.0	−4.9		
			LZ			20.0	0.47
MDJ	80.9	323	iP	02 04 12.6	0.2		
			pP	02 04 40.0	0.3		
			sP	02 04 56.0	4.4		
			S	02 14 14.0	4.5		
			SME	m_B = 6.6		10.0	4.70
			LZ			40.0	6.10
NJ2	81.3	308	−P	02 04 14.8	0.5		
			pP	02 04 43.0	1.4		
			S	02 14 17.0	3.7		
			sS	02 15 05.5	3.2		
GZH	81.8	298	eP	02 04 16.8	0.1		
			pP	02 04 47.0	3.0		
			S	02 14 22.0	3.9		
			SME	m_B = 6.4		10.0	3.30
DL2	82.7	315	eP	02 04 20.0	−1.5		
			pP	02 04 50.0	1.1		
			iS	02 14 32.0	2.9		
			SMN	m_B = 6.8		7.0	3.29
			SME			7.0	3.80
CN2	82.9	321	−iP	02 04 22.0	−0.5		
			PMZ	m_B = 6.3		8.0	3.80
			pP	02 04 51.0	1.2		
			S	02 14 27.0	−2.3		
			SMN	m_B = 6.5		12.0	5.00
			LZ			40.0	6.50
SNY	82.9	318	−P	02 04 22.0	−0.8		
			PMZ	m_b = 6.3		2.0	0.94
			pP	02 04 50.0	−0.2		
			iS	02 14 33.0	1.3		
			SMN	m_B = 6.7		12.0	4.59
			SME			10.0	5.70
QZN	83.2	293	P	02 04 23.0	−1.1		
			pP	02 04 54.0	2.6		
			S	02 14 30.0	−2.5		
			SS	02 20 00.0	−2.0		
			LE			13.0	0.86
WHN	84.0	305	eP	02 04 28.5	0.1		
			pP	02 04 58.5	2.7		
			S	02 14 39.0	−2.2		
			sS	02 15 30.0	−0.5		
			SME	m_B = 6.5		10.0	4.30
TIA	84.5	311	−P	02 04 30.0	−0.7		
			pP	02 04 58.8	0.8		
			S	02 14 44.5	−1.0		
			sS	02 15 31.0	−3.9		
			LN			16.0	0.80
BJI	86.9	314	eP	02 04 43.0	0.5		
			epP	02 05 10.0	−0.1		
			esP	02 05 24.0	2.0		
			eSKS	02 14 58.0	2.2		
			eS	02 15 08.0	−2.6		
			esS	02 15 52.0	−6.6		
			LZ			40.0	2.10
TIY	88.5	311	−P	02 04 50.8	0.5		
			PMZ	m_b = 6.1		1.6	0.33
			pP	02 05 21.5	3.6		
			SKS	02 15 10.5	4.5		
			S	02 15 22.0	−2.0		
			LN			15.0	0.88
			LZ			38.0	3.86
GYA	88.6	298	P	02 04 51.6	0.6		
			pP	02 05 22.0	3.5		
			sP	02 05 36.0	5.7		
			SKS	02 15 10.0	3.3		
			LN			9.0	2.10
XAN	89.7	306	P	02 04 56.1	0.4		
			pP	02 05 27.9	4.5		
			SKS	02 15 15.9	2.9		
			S	02 15 39.9	5.5		
			sS	02 16 29.9	5.5		
HHC	90.4	313	+P	02 05 00.5	1.1		
			pP	02 05 30.0	3.0		
			SKS	02 15 22.0	4.4		
			SMN	m_B = 6.5		7.0	1.80
			SME			7.0	3.10
			LN			16.0	1.20
			LE			16.0	0.80
			LZ			45.0	4.60
BTO	91.4	312	−iP	02 05 04.0	0.1		
			pP	02 05 33.5	1.9		
			SKS	02 15 22.0	−1.2		
			S	02 15 48.0	−2.0		
			LN			17.0	0.90
			LE			17.0	0.60
KMI	91.5	296	P	02 05 05.5	1.1		
			PMZ	m_B = 6.5		4.0	1.40
			pP	02 05 37.0	5.1		
			iSKS	02 15 27.0	3.3		
			iS	02 15 59.0	6.1		
			SMN	m_B = 6.2		10.0	1.00
			SME			10.0	2.30
CD2	92.6	302	eP	02 05 09.0	−0.3		
			pP	02 05 38.0	0.9		
			SKS	02 15 25.0	−5.0		
			S	02 15 55.7	−4.7		
LZH	94.3	307	eP	02 05 17.5	0.4		
			PP	02 09 03.0	−3.6		
			SKS	02 15 40.0	0.7		
			S	02 16 10.0	−4.9		
			SME	m_B = 6.0		10.0	1.25
			LE			10.0	0.60
			LZ			50.0	8.50

GTA	98.4	309	+iP	02 05 35.7	0.1		
			SKS	02 16 02.0	0.6		
			S	02 16 45.5	−3.9		
			sS	02 17 40.5	0.5		
			LE			18.0	1.25
			LZ			26.0	1.71
WMQ	108.2	311	ePKP	02 10 19.0	−3.7		
KSH	116.6	305	ePKP	02 10 41.0	0.8		
			esPKP	02 11 25.0	4.3		
			cPP	02 11 54.0	1.6		
			SKKS	02 18 40.0	6.7		

JAN 2d 02h 46m 27.6 ± 0.12s, SD1.93 / 41
46.92 N ± 3.47km, 154.67 E ± 2.67km, h26 ± 0.65km
Kurile Islands region (222)

MDJ	17.6	272	eP	02 50 32.0	−1.3		
CN2	20.7	272	eP	02 51 08.0	−0.8		
SNY	22.7	268	eP	02 51 29.2	0.4		
BJI	28.5	270	eP	02 52 23.0	−0.7		
TIY	32.2	269	+P	02 52 56.6	0.2		
WHN	35.0	257	eP	02 53 18.0	−2.4		
XAN	36.6	266	P	02 53 34.5	0.6		
LZH	38.9	273	eP	02 53 53.5	−0.2		
GTA	40.0	280	eP	02 54 02.1	−0.3		
CD2	42.0	266	eP	02 54 20.0	1.5		
GYA	42.8	259	P	02 54 25.8	0.4		
			pP	02 54 38.0	4.5		

JAN 2d 05h 37m 28.7 ± 0.12s, SD1.47 / 49
28.40 N ± 1.87km, 142.64 E ± 2.47km, h34 ± 0.64km
Bonin Islands region (212)
M_S4.4 / 4, m_B4.7 / 1,

MDJ	19.2	331	eP	05 41 53.0	−0.2		
			S	05 45 24.0	1.6		
			SS	05 45 50.0	1.3		
SNY	20.5	316	eP	05 42 02.0	−4.7		
CN2	20.7	323	eP	05 42 09.0	0.7		
NJ2	20.9	286	−P	05 42 10.4	−0.1		
BJI	24.7	305	eP	05 42 47.8	−0.4		
			eS	05 47 06.0	0.8		
			LZ	M_S = 4.2		16.0	0.59
WHN	24.7	282	eP	05 42 47.5	−0.9		
			pP	05 42 53.1	−4.3		
			eS	05 47 10.0	4.5		
			sS	05 47 20.0	−0.3		
			SME	m_B = 4.7		8.0	0.19
			LN	M_S = 4.6		16.0	1.00
HHC	28.3	304	eP	05 43 22.2	0.6		
BTO	29.3	303	eP	05 43 28.8	−2.3		
GYA	31.9	275	P	05 43 53.4	−0.6		
CD2	33.8	284	eP	05 44 09.6	−0.4		
KMI	35.7	274	eP	05 44 26.5	0.1		
			sP	05 44 37.0	−2.5		
GTA	36.9	299	+iP	05 44 35.9	−0.8		
WMQ	46.1	305	P	05 45 52.5	0.0		
			LZ	M_S = 4.5		12.0	0.34

JAN 2d 10h 45m 58.6 ± 0.11s, SD2.16 / 60
33.85 N ± 2.27km, 139.27 E ± 2.09km, h15 ± 0.80km
South of Honshu (211)
M_S4.8 / 28, m_B4.9 / 1,

MDJ	13.1	328	eP	10 49 07.5	0.4		
			S	10 51 35.0	1.8		
			LE	M_S = 4.5		16.0	2.03
			LZ	M_S = 4.0		20.0	1.18
CN2	14.6	317	eP	10 49 30.0	2.6		
			LN	M_S = 4.5		13.0	1.60
			LZ	M_S = 4.5		13.0	1.90
SNY	14.7	307	−P	10 49 32.2	3.7		
			LN	M_S = 4.7		11.5	2.25
SSE	15.5	265	eP	10 49 38.0	−0.7		
			eS	10 52 29.6	−1.2		
			SS	10 52 53.0	4.8		
			LN	M_S = 4.7		12.0	0.51
			LE			12.0	2.11
			LZ	M_S = 4.6		12.0	2.18
NJ2	17.2	270	eP	10 50 03.0	2.4		
			LN	M_S = 4.6		10.0	1.08
			LE			12.0	0.58
			LZ	M_S = 4.6		12.0	1.82
TIA	18.3	284	eP	10 50 13.0	−0.8		
			LN	M_S = 5.0		12.0	0.90
			LE			13.0	3.03
			LZ	M_S = 4.8		15.0	3.10
BJI	19.4	295	eP	10 50 29.0	1.4		
			eS	10 54 04.0	3.3		
			LN	M_S = 4.5		12.0	0.81
			LZ	M_S = 4.2		24.0	1.17
QZH	20.1	249	eP	10 50 36.0	1.6		
			eS	10 54 16.0	1.7		
			LE	M_S = 4.6		18.0	1.57
WHN	21.3	268	iP	10 50 47.8	0.2		
			LN	M_S = 4.9		12.0	0.98
			LE			14.0	1.60
			LZ	M_S = 4.4		20.0	1.30
TIY	22.1	288	eP	10 51 00.2	4.9		
			LE	M_S = 4.8		12.0	1.52
			LZ	M_S = 5.0		13.0	3.83
HHC	23.0	296	eP	10 51 07.0	2.1		
			S	10 55 15.0	5.0		
			SMN	m_B = 4.9		10.0	0.30
			SME			9.0	0.30
			LN	M_S = 4.7		14.0	1.10
BTO	24.2	295	eP	10 51 20.0	4.2		
			S	10 55 36.0	6.2		
			LN	M_S = 4.8		12.0	0.90
			LE			12.0	0.90
			LZ	M_S = 4.5		12.0	0.80
XAN	25.1	279	P	10 51 23.8	−1.2		
			S	10 55 44.0	−2.0		
			LN	M_S = 4.9		11.5	1.05
			LE			12.5	1.04
LZH	29.0	285	eP	10 51 58.0	−2.7		
			LN	M_S = 5.0		13.0	0.90
			LE			14.0	1.30
			LZ	M_S = 4.8		16.0	1.80
GYA	29.1	264	P	10 52 01.6	0.6		
			S	10 56 52.0	2.2		
			LN	M_S = 4.9		13.0	1.10
CD2	30.0	274	eP	10 52 10.8	1.0		
			LN	M_S = 5.3		13.0	1.94
			LE			13.0	1.82
QZN	30.1	248	eP	10 52 11.0	1.1		
			eS	10 57 06.0	−0.7		
			LE	M_S = 4.9		13.0	1.20
GTA	32.0	292	eP	10 52 25.8	−1.0		
			LN	M_S = 4.9		14.0	1.10
			LZ	M_S = 4.7		17.0	1.33
WMQ	40.8	300	P	10 53 42.0	0.3		
			eS	10 59 58.2	6.0		
			LZ	M_S = 4.6		12.0	0.55

JAN 2d 14h 26m 41.3 ± 0.10s, SD1.68 / 35
6.93 S ± 2.11km, 106.13 E ± 2.70km, h84 ± 0.44km
Java (277)

GYA	33.2	1	eP	14 33 13.6	1.0		

International Seismological Centre

International Seismological Centre

LSA	39.2	339	P	14 34 05.2	1.9
SSE	40.5	20	eP	14 34 14.0	0.5
XAN	40.8	4	P	14 34 16.8	0.2
TIY	44.8	7	eP	14 34 49.3	0.3
			sS	14 41 49.0	−5.1
GTA	46.5	353	+P	14 35 02.4	0.1
BJI	47.6	10	eP	14 35 11.0	−0.3
			PcP	14 36 41.0	1.5
WMQ	53.2	343	P	14 35 52.5	−1.1
CN2	53.4	17	P	14 35 56.0	0.6

JAN 2d 15h 53m 53.9 ± 0.09s, SD1.53 / 22
1.61 N ± 1.24km, 126.65 E ± 2.36km, h32 ± 0.11km
Molucca Passage (266)

XAN	36.3	335	P	16 00 56.1	−0.5
BJI	39.4	347	P	16 01 23.0	0.2
GTA	44.9	330	eP	16 02 06.8	−0.9
WMQ	54.4	326	P	16 03 24.0	3.3

JAN 2d 22h 50m 53.5 ± 0.12s, SD1.89 / 33
24.96 N ± 1.65km, 95.05 E ± 0.95km, h105 ± 0.33km
Burma–India border region (294)

LSA	5.9	325	P	22 52 23.4	3.5		
GYA	10.6	79	P	22 53 27.0	3.4		
			S	22 55 24.0	3.8		
LZH	13.4	32	eP	22 54 00.0	−1.2		
GTA	15.0	14	P	22 54 24.4	3.4		
XAN	15.1	50	eP	22 54 20.7	−1.7		
WHN	18.0	68	eP	22 54 56.5	−1.5		
WMQ	19.7	344	eP	22 55 17.8	0.1		

JAN 3d 04h 41m 10.6 ± 0.07s, SD1.10 / 105
29.52 N ± 0.92km, 131.36 E ± 1.03km, h36 ± 0.38km
Ryukyu Islands (238)
M_S5.9 / 54, m_B6.0 / 28, m_b5.9 / 5,

SSE	8.9	283	+iP	04 43 20.0	−0.2		
			PMZ	$m_B = 6.3$		7.0	6.43
			pP	04 43 27.4	0.2		
			sS	04 45 15.0	3.4		
			LN	$M_S = 5.7$		12.0	24.0
			LE			12.0	40.3
			LZ	$M_S = 5.6$		15.0	46.1
NJ2	11.0	286	+P	04 43 49.6	0.3		
			PMZ	$m_B = 6.4$		5.0	3.69
QZH	12.2	251	+P	04 44 05.0	−0.4		
			PP	04 44 16.0	0.4		
			S	04 46 21.0	0.0		
			LN	$M_S = 5.4$		15.0	16.9
			LE			15.0	9.82
			LZ	$M_S = 5.4$		12.0	16.9
DL2	12.3	322	+P	04 44 08.0	1.2		
			eS	04 46 23.0	−0.9		
			LN	$M_S = 5.7$		12.0	12.9
			LE			12.0	23.5
TIA	13.7	303	+P	04 44 25.5	0.8		
			PMZ	$m_B = 5.8$		10.0	1.70
			LN	$M_S = 5.9$		12.5	28.6
			LE			12.5	23.8
			LZ	$M_S = 5.6$		15.0	32.3
SNY	13.8	335	+iP	04 44 27.5	1.3		
			PMZ	$m_B = 6.0$		6.5	1.66
			pP	04 44 35.2	1.5		
			sP	04 44 40.3	1.5		
			S	04 47 00.0	1.4		
			LN	$M_S = 5.6$		12.0	14.2
			LE			12.5	14.9
			LZ	$M_S = 5.5$		14.0	24.8
WHN	14.8	278	P	04 44 38.0	−0.8		
			PMZ	$m_B = 6.2$		6.0	2.50
			pP	04 44 46.5	0.1		
			sP	04 44 53.5	2.0		
			S	04 47 21.6	0.1		
			LN	$M_S = 5.8$		13.0	20.0
			LE			12.0	23.4
			LZ	$M_S = 5.8$		16.0	42.5
CN2	15.0	343	+P	04 44 42.0	0.0		
			PMZ	$m_B = 6.3$		10.0	12.0
			pP	04 44 50.0	0.3		
			S	04 47 29.0	1.8		
			LE	$M_S = 5.7$		12.0	19.4
			LZ	$M_S = 5.8$		15.0	40.0
MDJ	15.1	355	eP	04 44 44.0	0.4		
			pP	04 44 52.0	0.8		
			S	04 47 32.0	2.0		
			SS	04 47 53.0	5.3		
			LN	$M_S = 5.3$		12.0	8.90
			LZ	$M_S = 5.2$		14.0	10.7
BJI	16.3	314	eP	04 44 59.0	0.8		
			PMZ	$m_B = 5.8$		12.0	5.40
			eS	04 47 57.0	−0.1		
			LN	$M_S = 6.0$		11.0	30.0
			LE			10.0	11.0
GZH	17.4	253	iP	04 45 13.0	1.1		
			S	04 48 26.0	4.4		
			LN	$M_S = 5.9$		18.0	24.0
			LE			15.0	23.2
			LZ	$M_S = 5.2$		19.0	11.7
TIY	17.7	302	+P	04 45 17.0	0.4		
			PMZ	$m_B = 6.0$		6.0	4.41
			pP	04 45 27.0	2.5		
			sP	04 45 34.0	4.6		
			S	04 48 29.0	−0.8		
			sS	04 48 41.0	−2.3		
			SS	04 48 56.0	3.5		
			LN	$M_S = 5.9$		12.0	24.9
			LZ	$M_S = 5.9$		14.0	37.5
XAN	19.6	289	P	04 45 37.4	−1.3		
			LN	$M_S = 6.1$		12.0	25.1
			LE			12.0	24.4
HHC	19.7	310	iP	04 45 39.0	−0.8		
			pP	04 45 50.5	2.2		
			SMN	$m_B = 6.1$		12.0	3.00
			SME			8.0	5.70
			LN	$M_S = 6.1$		12.0	18.7
			LE			12.0	27.6
			LZ	$M_S = 6.0$		12.0	34.1
BTO	20.6	308	+P	04 45 49.0	−0.7		
			pP	04 45 59.0	0.4		
			S	04 49 31.0	−1.4		
			sS	04 49 44.0	−3.3		
			LN	$M_S = 5.9$		13.0	15.9
			LE			13.0	15.3
			LZ	$M_S = 5.8$		13.0	21.7
GYA	22.0	268	P	04 46 04.0	0.3		
			PMZ	$m_B = 5.9$		4.0	2.40
			sP	04 46 17.0	−0.4		
			PP	04 46 32.0	2.8		
			S	04 50 03.0	4.4		
			SMN	$m_B = 5.7$		6.0	1.60
			sS	04 50 19.0	4.4		
			LN	$M_S = 6.0$		12.0	15.5
			LE			12.0	15.6
			LZ	$M_S = 5.6$		16.0	18.2
QZN	22.2	247	+P	04 46 06.6	1.2		
			pP	04 46 16.0	1.2		
			sP	04 46 22.0	2.9		

International Seismological Centre

			PP	04 46 32.0	0.4			
			S	04 50 05.0	3.2			
			sS	04 50 15.5	−2.4			
			LN	$M_S = 5.7$		10.0	4.30	
			LE			11.0	8.50	
CD2	23.9	280	iP	04 46 21.0	−0.9			
			PP	04 46 55.0	−0.3			
			S	04 50 33.0	1.2			
			LE	$M_S = 6.3$		10.0	32.5	
			LZ	$M_S = 6.0$		10.0	24.8	
LZH	24.0	293	P	04 46 23.0	−0.2			
			PMZ	$m_B = 6.0$		4.0	2.42	
			pP	04 46 34.0	1.5			
			S	04 50 40.0	6.2			
			SME	$m_B = 6.1$		8.0	3.95	
			LN	$M_S = 6.1$		10.0	5.40	
			LE			12.0	21.3	
			LZ	$M_S = 6.1$		15.0	42.4	
KMI	25.8	267	P	04 46 40.0	−0.3			
			PMZ	$m_B = 6.0$		4.0	1.50	
			pP	04 46 50.0	0.5			
			eS	04 51 09.0	4.1			
			SMN	$m_B = 5.8$		7.0	1.40	
			SME			9.0	1.70	
			LN	$M_S = 6.0$		13.0	13.2	
			LE			13.0	16.0	
GTA	27.7	299	+P	04 46 56.1	−1.8			
			PMZ	$m_B = 5.6$		4.0	0.56	
			PP	04 47 45.0	−1.2			
			PcP	04 50 15.4	1.6			
			sS	04 51 50.0	−2.1			
			LE	$M_S = 6.0$		12.0	16.0	
			LZ	$M_S = 6.0$		13.0	24.4	
LSA	34.8	280	P	04 48 05.6	4.6			
			LN	$M_S = 5.6$		12.0	2.50	
			LE			14.0	3.40	
WMQ	37.4	305	P	04 48 21.8	−0.3			
			PP	04 49 49.5	−0.3			
			S	04 54 07.0	0.7			
			SME	$m_B = 5.5$		6.0	0.50	
			LN	$M_S = 6.0$		12.0	9.43	
			LE			12.0	4.43	
			LZ	$M_S = 5.8$		16.0	11.7	
KSH	46.1	298	eP	04 49 35.0	1.2			
			pP	04 49 42.0	−1.6			
			LE	$M_S = 6.2$		11.0	10.5	

JAN 3d 10h 02m 33.4 ± 0.08s, SD1.54 / 74
35.41 N ± 1.84km, 140.80 E ± 1.73km, h53 ± 1.25km
Near east coast of Honshu (228)
M_S4.5 / 7, m_b5.0 / 2,

MDJ	12.6	320	eP	10 05 33.0	1.0			
			pP	10 05 42.0	1.1			
			eS	10 07 45.0	−5.4			
			LZ	$M_S = 4.1$		20.0	1.33	
CN2	14.5	310	eP	10 05 58.0	0.9			
SNY	14.9	301	eP	10 06 03.5	1.0			
DL2	15.7	289	eP	10 06 16.0	3.5			
SSE	17.0	261	eP	10 06 28.0	−0.6			
			sP	10 06 46.5	1.3			
			eS	10 09 33.7	0.2			
			SS	10 09 56.0	1.5			
			LE	$M_S = 4.7$		16.0	2.48	
			LZ	$M_S = 4.2$		16.0	0.98	
NJ2	18.6	266	+P	10 06 49.4	1.1			
TIA	19.2	279	−P	10 06 54.6	−1.4			
			LN	$M_S = 4.3$		15.0	0.66	
			LZ	$M_S = 3.9$		25.0	0.72	
BJI	20.0	291	eP	10 07 02.0	−2.5			
			eS	10 10 46.0	4.9			
WHN	22.7	265	P	10 07 32.0	0.4			
			sP	10 07 54.0	4.3			
			eS	10 11 31.6	0.4			
			LN	$M_S = 4.8$		14.0	0.97	
			LE			15.0	1.20	
			LZ	$M_S = 4.4$		24.0	1.40	
TIY	22.9	284	eP	10 07 32.4	−1.1			
			eS	10 11 33.5	−1.2			
			LN	$M_S = 4.5$		18.0	1.10	
			LZ	$M_S = 4.3$		18.0	0.97	
HHC	23.6	292	eP	10 07 39.3	−1.0			
BTO	24.7	291	eP	10 07 51.0	−0.6			
XAN	26.2	276	P	10 08 05.0	−0.2			
LZH	29.9	282	eP	10 08 38.5	−0.3			
			LZ	$M_S = 4.2$		20.0	0.50	
GYA	30.5	263	P	10 08 43.4	−0.7			
CD2	31.2	272	eP	10 08 50.1	−0.3			
GTA	32.6	289	−iP	10 09 03.2	0.6			
KMI	34.3	263	P	10 09 17.5	0.6			
WMQ	41.1	298	eP	10 10 15.5	0.9			
			pP	10 10 32.0	4.5			
			S	10 16 29.0	6.6			

JAN 3d 11h 30m 57.7 ± 0.06s, SD2.56 / 8
44.99 N ± 0.81km, 93.21 E ± 0.87km, h4 ± 0.65km
Northern Xinjiang Province (332)
M_L3.6 / 7,

WMQ	4.1	255	Pn	11 32 02.7	1.0			
			Sn	11 32 50.6	−1.7			
			SMN	$M_L = 3.7$		0.8	0.11	
			SME			0.8	0.18	
GTA	7.4	136	Pn	11 32 48.4	1.1			
			Sn	11 34 12.8	−1.5			
			SMN	$M_L = 3.5$		1.0	0.021	
			SME			0.6	0.015	

JAN 3d 16h 52m 18.5 ± 0.09s, SD1.03 / 50
35.65 N ± 1.80km, 11.71 E ± 1.71km, h10 ± 0.07km
Tunisia (397)
m_b5.2 / 1,

KSH	50.1	65	eP	17 01 16.0	−0.4			
			eS	17 08 22.0	−4.9			
WMQ	57.1	57	eP	17 02 08.0	−0.4			
			PP	17 04 18.0	2.1			
GTA	67.2	57	−P	17 03 15.8	0.0			
LZH	71.6	59	eP	17 03 43.5	0.5			
			PMZ	$m_b = 5.2$		2.0	0.055	
BTO	73.4	52	eP	17 03 50.0	−3.4			
HHC	74.2	51	eP	17 03 59.1	0.8			
CD2	74.2	63	eP	17 03 59.0	0.5			
XAN	76.2	58	P	17 04 09.8	0.0			
TIY	76.5	53	−P	17 04 12.2	0.7			
			LZ	$M_S = 4.9$		20.0	0.63	
BJI	77.6	50	eP	17 04 17.0	−0.2			
GYA	78.8	66	P	17 04 24.4	0.1			
TIA	80.4	52	eP	17 04 33.0	0.1			
CN2	80.6	42	+P	17 04 34.0	0.0			
SNY	80.9	45	eP	17 04 34.7	−0.5			

JAN 3d 22h 35m 37.6 ± 0.07s, SD0.90 / 28
3.91 S ± 0.50km, 128.39 E ± 0.15km, h140 ± 0.75km
Banda Sea (280)

XAN	42.0	336	P	22 43 16.6	−0.3			
BJI	45.1	347	eP	22 43 41.5	−0.9			
			epP	22 44 13.5	0.1			
LZH	45.9	332	eP	22 43 49.5	0.7			

International Seismological Centre

CN2	47.6	357	eP	22 44 01.2	−0.1		
GTA	50.5	331	P	22 44 24.0	−0.1		
			PcP	22 45 40.8	1.3		
WMQ	59.9	327	P	22 45 32.0	0.0		

JAN 4d 02h 23m 34.1 ± 0.09s, SD1.28 33
6.14 S ± 0.87km, 130.34 E ± 1.35km, h174 ± 0.88km
Banda Sea (280)
m_b4.7 / 1,

WHN	39.6	338	P	02 30 50.5	0.4		
XAN	44.8	335	P	02 31 31.4	−1.4		
BJI	47.8	345	eP	02 31 55.5	−0.4		
LZH	48.8	331	eP	02 32 04.0	−0.2		
HHC	49.8	341	eP	02 32 12.0	0.1		
CN2	49.9	355	eP	02 32 15.0	2.7		
BTO	50.1	340	eP	02 32 14.0	−0.1		
GTA	53.4	331	+iP	02 32 38.6	0.1		

JAN 4d 02h 41m 56.4 ± 0.09s, SD0.94 / 56
4.94 S ± 1.81km, 102.33 E ± 1.76km, h32 ± 0.25km
South-west of Sumatera (273)
M_S4.7 / 2, m_b5.0 / 3,

QZN	24.9	17	−P	02 47 21.0	2.4		
			eS	02 51 42.0	4.4		
			LN	M_S = 4.5		16.0	0.80
GYA	31.5	7	P	02 48 17.8	−0.3		
CD2	35.7	2	eP	02 48 53.1	−1.0		
LSA	36.1	343	−P	02 48 58.2	0.3		
WHN	37.1	17	P	02 49 07.0	0.9		
XAN	39.3	9	P	02 49 23.1	−1.1		
SSE	40.1	25	eP	02 49 31.5	0.4		
LZH	40.8	2	eP	02 49 37.5	0.1		
			PMZ	m_b = 5.0		2.0	0.055
			pP	02 49 50.0	3.7		
			LZ	M_S = 4.5		15.0	0.50
TIY	43.5	12	−P	02 49 58.7	−0.1		
			LN	M_S = 4.9		16.0	0.79
			LZ	M_S = 4.4		20.0	0.50
GTA	44.2	357	+iP	02 50 04.8	0.0		
			LZ	M_S = 4.7		16.0	0.84
BTO	45.9	8	eP	02 50 19.8	1.7		
HHC	46.3	10	P	02 50 22.5	0.6		
BJI	46.5	15	eP	02 50 23.5	0.2		
WMQ	50.3	346	P	02 50 52.5	0.0		
			eS	02 58 05.0	2.9		
CN2	52.8	21	P	02 51 10.0	−1.4		
			pP	02 51 19.0	−1.6		
MDJ	55.1	24	eP	02 51 27.0	−1.0		

JAN 4d 07h 29m 40.2 ± 0.11s, SD1.22 / 39
40.89 N ± 2.38km, 44.13 E ± 1.32km, h9 ± 0.05km
Turkey-USSR border region (367)

KSH	24.3	83	P	07 35 01.5	2.4		
WMQ	32.1	70	eP	07 36 09.6	−0.5		
GTA	42.0	73	−P	07 37 34.1	0.3		
LZH	46.2	76	eP	07 38 08.5	0.5		
BTO	48.8	67	eP	07 38 29.1	0.7		
XAN	50.8	76	P	07 38 42.9	−1.0		
BJI	53.3	66	eP	07 39 02.0	−0.5		
WHN	56.6	77	eP	07 39 26.0	0.0		

JAN 4d 10h 14m 22.4 ± 0.09s, SD0.94 / 63
5.62 S ± 1.02km, 146.16 E ± 1.20km, h113 ± 0.46km
New Guinea (202)

SSE	43.6	328	P	10 22 18.0	0.5		
			pP	10 22 43.0	−0.2		
WHN	47.1	322	eP	10 22 46.0	0.7		
GYA	49.8	312	P	10 23 09.0	2.7		
SNY	51.5	338	+P	10 23 18.8	−0.3		
MDJ	52.2	345	eP	10 23 23.8	−0.3		
CN2	52.6	341	eP	10 23 28.5	1.1		
XAN	52.9	321	P	10 23 28.6	−0.6		
BJI	53.2	331	eP	10 23 31.5	0.1		
CD2	54.4	315	eP	10 23 40.0	−0.6		
BTO	56.7	327	eP	10 23 57.2	0.0		
LZH	57.4	320	eP	10 24 02.0	0.0		
GTA	61.9	321	−iP	10 24 33.0	−0.1		
LSA	63.3	307	P	10 24 43.6	0.7		
WMQ	72.0	320	P	10 25 36.0	−0.2		

JAN 4d 10h 38m 11.4 ± 0.08s, SD1.11 / 19
14.68 S ± 1.50km, 167.08 E ± 1.59km, h35 ± 0.72km
Vanuatu (New Hebrides) (186)

WHN	67.8	312	P	10 49 08.0	−0.4		
CN2	69.5	329	eP	10 49 18.0	−1.2		
BJI	72.1	321	eP	10 49 34.0	−0.9		
LZH	78.1	312	eP	10 50 10.5	0.7		
GTA	82.5	314	eP	10 50 33.0	0.0		

JAN 4d 12h 20m 20.6 ± 0.12s, SD1.25 / 38
0.52 S ± 1.76km, 124.34 E ± 2.12km, h32 ± 0.17km
Sulawesi (Celebes) (268)

GYA	31.8	329	P	12 26 45.6	0.9		
WHN	32.3	344	P	12 26 51.0	1.7		
TIY	39.6	345	+iP	12 27 52.2	1.0		
BJI	41.1	350	eP	12 28 03.0	−0.1		
LZH	41.1	334	eP	12 28 05.5	1.7		
MDJ	45.2	5	eP	12 28 36.5	−0.2		
			pP	12 28 40.7	−5.2		
GTA	45.6	333	eP	12 28 40.2	−0.4		
WMQ	54.9	328	eP	12 29 50.5	−0.8		

JAN 4d 20h 08m 52.2 ± 0.08s, SD0.81 / 45
7.50 S ± 0.73km, 133.26 E ± 1.23km, h32 ± 0.18km
Tanimbar Islands region (281)

SSE	40.1	344	−P	20 16 27.5	0.8		
NJ2	41.7	341	+P	20 16 41.2	1.4		
WHN	41.9	335	P	20 16 43.5	1.4		
GYA	42.5	324	P	20 16 46.6	−0.1		
XAN	47.3	332	P	20 17 24.4	−0.8		
TIY	49.0	338	eP	20 17 38.2	−0.2		
BJI	49.9	343	eP	20 17 44.5	−0.4		
LZH	51.4	329	eP	20 17 56.0	−0.9		
CN2	51.5	353	eP	20 17 57.5	−0.2		
BTO	52.4	338	eP	20 18 04.8	0.3		
GTA	56.0	329	−iP	20 18 31.2	0.4		
WMQ	65.6	325	P	20 19 35.6	−0.2		

JAN 5d 05h 58m 19.9 ± 0.12s, SD2.64 / 11
38.13 N ± 0.96km, 126.50 E ± 1.05km, h20 ± 1.40km
South Korea (231)
M_L3.6 / 8,

DL2	3.9	283	ePg	05 59 27.0	−1.9		
SNY	4.3	330	ePg	05 59 34.0	−2.4		
			SMN	M_L = 3.9		0.6	0.19
			SME			0.6	0.20
CN2	5.7	352	−Pg	06 00 02.3	1.2		
MDJ	6.9	19	ePg	06 00 23.0	1.4		
			Sg	06 01 52.0	−3.6		
			SMN	M_L = 3.8		0.8	0.040

JAN 5d 12h 55m 07.8 ± 0.10s, SD4.75 / 5
30.89 N ± 0.93km, 103.52 E ± 0.89km, h20 ± 0.29km
Sichuan Province (307)
M_L3.0 / 3,

GYA	5.2	147	Pg	12 56 43.0	2.9		

International Seismological Centre

			Sg	12 57 47.4	−3.7			

JAN 5d 14h 02m 01.5 ± 0.10s, SD1.15 / 64
7.41 S ± 1.16km, 128.92 E ± 1.61km, h141 ± 0.34km
Banda Sea (280)
m_b5.2 / 1,

GYA	40.0	328	P	14 09 25.0	0.5			
			PcP	14 11 28.0	1.2			
WHN	40.2	340	eP	14 09 26.0	−0.3			
KMI	41.2	323	P	14 09 36.0	1.7			
CD2	45.1	329	eP	14 10 05.6	−0.1			
XAN	45.4	336	P	14 10 07.6	−0.4			
BJI	48.7	347	eP	14 10 33.5	−0.1			
			ScP	14 15 38.5	2.1			
SNY	49.2	355	eP	14 10 35.6	−2.4			
LZH	49.3	333	eP	14 10 39.0	0.5			
			PMZ	m_b = 5.2		1.5	0.066	
HHC	50.6	343	eP	14 10 48.4	−0.2			
BTO	50.8	341	eP	14 10 53.4	3.0			
CN2	51.1	357	eP	14 10 51.0	−1.0			
LSA	51.8	317	+P	14 10 58.5	0.8			
MDJ	51.8	1	eP	14 10 56.7	−0.7			
GTA	53.8	332	+iP	14 11 12.5	−0.1			
WMQ	63.1	328	P	14 12 17.0	−0.3			
			pP	14 12 48.5	−1.8			
			S	14 20 34.5	−0.1			
KSH	67.6	318	eP	14 12 47.0	0.9			
			pP	14 13 19.0	−0.3			
			eS	14 21 32.0	1.2			

JAN 5d 17h 42m 21.9 ± 0.11s, SD2.58 / 39
41.87 N ± 1.86km, 90.67 E ± 1.26km, h10 ± 0.05km
Southern Xinjiang Province (321)
M_S4.2 / 1, M_L4.6 / 11,

	2.9	313	iPn	17 43 12.2	3.3			
			Sn	17 43 47.0	1.1			
WMQ			SMN	M_L = 4.9		1.0	5.22	
			SME			1.0	4.88	
GTA	7.4	106	−iPn	17 44 10.6	0.3			
			Sn	17 45 35.6	−0.8			
			SMN	M_L = 4.8		1.2	0.43	
			SME			1.2	0.36	
BTO	14.6	89	eP	17 45 56.6	5.3			
			LN	M_S = 4.2		7.0	0.20	
			LE			7.0	0.40	
HHC	15.7	87	+P	17 46 02.2	−3.5			
XAN	16.4	113	P	17 46 15.3	1.5			
TIY	17.2	97	eP	17 46 27.3	2.6			
			LZ	M_S = 4.0		16.0	0.60	
BJI	19.3	87	eP	17 46 50.5	0.1			
GYA	20.2	134	P	17 47 02.8	2.3			
WHN	22.1	113	eP	17 47 21.0	1.3			
CN2	25.5	74	eP	17 47 54.0	1.8			
MDJ	28.3	71	eP	17 48 19.0	0.7			

JAN 6d 00h 57m 25.2 ± 0.10s, SD3.61 / 9
41.92 N ± 1.48km, 90.65 E ± 0.83km, h4 ± 0.03km
Southern Xinjiang Province (321)
M_L3.7 / 6,

WMQ	2.9	312	iPn	00 58 13.2	1.1			
			Sn	00 58 49.2	0.1			
			SMN	M_L = 3.6		0.6	0.25	
			SME			0.6	0.24	
GTA	7.4	107	Pn	00 59 19.9	5.5			
			Sg	01 01 12.8	−4.2			
			SMN	M_L = 3.6		0.6	0.023	
			SME			0.8	0.017	

JAN 6d 01h 26m 01.4 ± 0.08s, SD2.45 / 14
36.13 N ± 0.82km, 78.13 E ± 1.61km, h12 ± 0.25km
Eastern Kashmir (302)
M_L4.2 / 4,

KSH	3.8	333	ePn	01 27 03.0	2.6			
			Pg	01 27 11.0	2.4			
			Sg	01 27 58.5	−2.1			
			SMN	M_L = 4.4		0.8	1.10	
			SME			0.6	0.80	
WMQ	10.6	41	eP	01 28 38.0	1.3			
			S	01 30 40.0	3.8			

JAN 6d 04h 02m 47.8 ± 0.09s, SD1.76 / 93
20.23 N ± 1.67km, 121.25 E ± 1.61km, h31 ± 1.13km
Philippine Islands region (248)
M_S4.8 / 35, M_L4.3 / 6, m_B5.2 / 3,

QZH	5.3	333	Pn	04 04 05.8	0.7			
			Sn	04 05 03.0	−3.8			
			SMN	M_L = 4.4		1.0	0.34	
			SME			1.0	0.43	
			LN	M_S = 4.2		12.0	4.21	
			LZ	M_S = 4.4		16.0	5.34	
GZH	7.9	293	iP	04 04 39.5	−3.6			
			S	04 06 06.0	−6.0			
			LZ	M_S = 4.6		16.0	6.90	
QZN	10.8	266	P	04 05 21.2	−2.5			
			eS	04 07 21.0	−3.8			
			LE	M_S = 4.6		15.0	3.80	
NJ2	12.0	350	eP	04 05 35.6	−3.7			
			LN	M_S = 4.4		11.0	1.07	
			LE			10.0	0.70	
			LZ	M_S = 4.6		14.0	3.26	
WHN	12.0	330	eP	04 05 38.0	−1.9			
			pP	04 05 46.0	−0.7			
			eS	04 07 52.4	−1.4			
			LN	M_S = 4.9		15.0	5.40	
			LE			12.0	2.40	
			LZ	M_S = 4.8		16.0	6.20	
GYA	14.8	298	P	04 06 15.4	−1.0			
			PP	04 06 28.8	0.7			
			S	04 08 59.0	−0.1			
			SS	04 09 23.0	6.6			
			LN	M_S = 4.8		15.0	1.44	
			LE			15.0	3.17	
			LZ	M_S = 4.5		16.0	2.29	
TIA	16.3	348	eP	04 06 37.4	0.9			
			LN	M_S = 4.9		19.0	3.17	
			LE			19.0	3.06	
			LZ	M_S = 4.6		20.0	2.90	
XAN	17.6	324	iP	04 06 53.5	1.3			
			LN	M_S = 5.2		16.0	3.04	
			LE			15.0	6.20	
KMI	17.8	289	P	04 06 54.5	−0.2			
			PMZ	m_B = 5.2		4.0	0.50	
			sP	04 07 07.0	0.6			
			eS	04 10 10.0	0.5			
			LE	M_S = 4.8		15.0	2.50	
CD2	19.0	307	iP	04 07 10.3	0.4			
			LN	M_S = 5.0		14.0	3.60	
			LZ	M_S = 5.0		16.0	5.13	
TIY	19.0	338	+P	04 07 11.8	1.6			
			sP	04 07 28.0	5.9			
			LN	M_S = 5.0		14.0	3.27	
			LZ	M_S = 4.9		16.0	4.65	
BJI	20.2	349	eP	04 07 23.5	0.4			
			eS	04 11 04.0	0.3			
			LN	M_S = 4.6		12.0	1.00	
			LZ	M_S = 4.5		20.0	2.10	

International Seismological Centre

SNY	21.6	5	eP	04 07 38.2	0.7			
			pP	04 07 49.5	3.5			
			sP	04 07 54.0	3.9			
			S	04 11 30.0	0.3			
			LN	$M_S = 4.8$		16.0	0.94	
			LE			20.0	2.03	
			LZ	$M_S = 4.5$		16.0	1.41	
LZH	22.0	320	eP	04 07 43.0	1.9			
			PMZ			3.0	0.80	
			SME	$m_B = 5.5$		4.0	0.61	
			LN	$M_S = 4.8$		13.0	1.60	
			LE			14.0	0.70	
			LZ	$M_S = 4.8$		16.0	2.60	
HHC	22.1	340	eP	04 07 44.7	1.8			
			S	04 11 45.0	5.6			
			LN	$M_S = 5.1$		14.0	2.70	
			LE			13.0	1.00	
			LZ	$M_S = 5.1$		16.0	4.80	
BTO	22.5	337	eP	04 07 48.0	2.1			
			sP	04 08 04.0	5.6			
			S	04 11 49.0	4.0			
			LN	$M_S = 4.9$		16.0	1.30	
			LE			15.0	1.90	
CN2	23.8	8	eP	04 07 58.6	0.0			
			pP	04 08 12.0	4.8			
			LE	$M_S = 4.7$		13.0	1.00	
			LZ	$M_S = 4.6$		20.0	1.90	
MDJ	25.3	14	−P	04 08 12.7	−0.6			
			pP	04 08 24.0	2.0			
			PP	04 08 52.0	0.4			
			S	04 12 34.0	−0.1			
			LZ	$M_S = 4.7$		16.0	1.70	
GTA	26.6	321	eP	04 08 25.3	0.1			
			S	04 12 54.0	−0.9			
			sS	04 13 17.0	6.8			
			LE	$M_S = 4.8$		12.0	1.09	
			LZ	$M_S = 4.8$		16.0	1.92	
LSA	28.8	295	P	04 08 47.3	1.4			
WMQ	36.5	318	eP	04 09 55.3	2.6			
			S	04 15 38.0	6.5			
			LZ	$M_S = 4.9$		16.0	1.67	

JAN 6d 05h 26m 57.2 ± 0.10s, SD1.12 / 56
35.49 N ± 1.47km, 11.61 E ± 1.78km, h11 ± 0.32km
Tunisia (397)
m_b5.2 / 1,

WMQ	57.3	57	eP	05 36 47.5	−0.5			
			PP	05 38 54.5	−1.3			
			S	05 44 47.0	5.9			
GTA	67.3	57	eP	05 37 54.6	−0.7			
LZH	71.8	58	eP	05 38 22.5	0.1			
BTO	73.5	52	eP	05 38 33.4	0.6			
HHC	74.4	51	eP	05 38 33.4	−4.3			
CD2	74.4	63	P	05 38 38.4	0.6			
XAN	76.4	58	iP	05 38 48.8	−0.3			
TIY	76.7	53	eP	05 38 51.0	0.1			
			LZ	$M_S = 4.9$		16.0	0.48	
BJI	77.7	50	eP	05 38 56.0	−0.6			
			ePP	05 41 52.5	−0.4			
			LZ	$M_S = 4.7$		16.0	0.29	
GYA	79.0	65	P	05 39 03.0	−0.5			
CN2	80.8	42	eP	05 39 13.0	−0.4			
SNY	81.0	45	eP	05 39 14.0	−0.6			
MDJ	82.5	40	eP	05 39 22.5	0.4			

JAN 6d 07h 43m 51.2 ± 0.07s, SD3.72 / 6
36.65 N ± 0.76km, 84.21 E ± 0.74km, h19 ± 0.39km
Southern Xinjiang Province (321)
M_L3.8 / 6,

KSH	7.1	296	ePg	07 45 57.4	−0.1			
			SMN	$M_L = 4.0$		0.2	0.030	
			SME			0.5	0.10	

JAN 6d 12h 44m 58.8 ± 0.05s, SD1.15 / 25
47.02 N ± 2.21km, 153.75 E ± 1.65km, h33 ± 0.91km
Kurile Islands (221)
M_S3.9 / 1,

MDJ	17.0	271	eP	12 48 57.0	1.2			
CN2	20.1	271	eP	12 49 31.8	−0.7			
SNY	22.1	267	eP	12 49 51.8	−1.1			
GTA	39.4	279	eP	12 52 28.4	1.1			
CD2	41.3	265	eP	12 52 44.2	0.6			
GYA	42.2	258	P	12 52 51.0	0.2			

JAN 6d 13h 39m 56.6 ± 0.08s, SD1.22 / 50
3.80 S ± 0.98km, 137.38 E ± 1.70km, h32 ± 0.26km
West Irian region (196)

QZN	35.3	311	eP	13 46 51.2	−0.2			
SSE	38.0	337	P	13 47 12.5	−1.2			
			eS	13 53 06.0	2.4			
			LZ	$M_S = 4.3$		20.0	0.47	
WHN	40.6	329	P	13 47 37.2	1.5			
GYA	42.3	317	P	13 47 50.0	0.6			
KMI	44.2	312	P	13 48 06.5	1.0			
			pP	13 48 16.0	1.6			
			sP	13 48 20.5	2.2			
XAN	46.2	327	iP	13 48 20.4	−0.7			
CD2	47.1	320	eP	13 48 28.4	0.3			
BJI	47.8	338	eP	13 48 32.8	−0.4			
CN2	48.6	348	eP	13 48 39.0	−0.6			
MDJ	48.7	353	eP	13 48 39.7	−0.7			
LZH	50.6	325	eP	13 48 55.0	0.0			
GTA	55.2	325	eP	13 49 28.0	−1.2			
LSA	55.4	310	−P	13 49 32.3	1.3			
WMQ	65.0	323	P	13 50 36.0	−0.7			

JAN 6d 15h 38m 54.3 ± 0.06s, SD1.04 / 44
46.94 N ± 1.95km, 153.79 E ± 1.41km, h30 ± 0.54km
Kurile Islands (221)
M_S4.4 / 3,

MDJ	17.0	271	eP	15 42 52.5	0.5			
CN2	20.1	271	eP	15 43 28.0	−0.7			
SNY	22.1	268	eP	15 43 48.1	−0.9			
DL2	24.7	263	eP	15 44 16.0	1.2			
BJI	27.9	270	P	15 44 43.0	−1.5			
			LZ	$M_S = 4.3$		16.0	0.59	
TIY	31.6	268	eP	15 45 17.6	0.3			
			LN	$M_S = 4.4$		13.0	0.32	
			LZ	$M_S = 4.4$		16.0	0.60	
WHN	34.4	256	eP	15 45 41.8	0.3			
XAN	36.0	265	iP	15 45 54.9	−0.1			
LZH	38.3	272	eP	15 46 16.0	1.1			
GTA	39.4	279	eP	15 46 24.0	0.4			
CD2	41.4	266	P	15 46 40.4	0.7			
GYA	42.2	258	P	15 46 46.6	−0.2			
WMQ	45.3	291	P	15 47 11.5	−0.2			
			eS	15 53 49.0	−0.9			
			LZ	$M_S = 4.5$		16.0	0.47	

JAN 6d 15h 47m 08.5 ± 0.07s, SD1.20 / 66
46.98 N ± 2.48km, 153.88 E ± 1.59km, h29 ± 0.53km
Kurile Islands (221)
M_S4.4 / 5,

MDJ	17.1	271	eP	15 51 07.0	0.0
CN2	20.2	271	eP	15 51 42.0	−1.7
			eS	15 55 22.0	−2.0

International Seismological Centre

			LE		$M_S=4.2$	14.0	0.50
			LZ		$M_S=4.4$	16.0	1.30
SNY	22.2	268	−P	15 52 03.0	−1.0		
			eS	15 56 06.5	4.7		
			LN		$M_S=4.7$	13.0	1.24
BJI	28.0	270	eP	15 52 59.0	−0.4		
			LE		$M_S=4.5$	14.0	0.50
			LZ		$M_S=4.5$	16.0	1.05
NJ2	30.6	253	eP	15 53 24.2	2.0		
			LZ		$M_S=4.5$	13.0	0.66
HHC	30.8	274	P	15 53 24.0	−0.5		
TIY	31.7	268	eP	15 53 32.0	−0.2		
BTO	32.0	275	eP	15 53 35.0	0.3		
WHN	34.5	256	eP	15 54 00.0	3.5		
XAN	36.1	265	iP	15 54 09.4	−0.5		
LZH	38.4	272	eP	15 54 30.0	0.3		
			LZ		$M_S=4.5$	15.0	0.51
GTA	39.5	279	−P	15 54 38.6	0.2		
			PcP	15 56 46.6	0.8		
CD2	41.4	266	P	15 54 55.0	0.4		
GYA	42.3	258	P	15 55 01.6	−0.1		
WMQ	45.3	291	P	15 55 26.0	−0.3		
			eS	16 02 05.0	0.1		
			LZ		$M_S=4.8$	16.0	1.00
KMI	45.8	260	P	15 55 30.5	0.2		
LSA	50.8	273	−P	15 56 10.9	1.7		

JAN 6d 15h 48m 24.6 ± 0.14s, SD2.84 / 10
24.30 N ± 1.57km, 122.63 E ± 1.79km, h18 ± 1.99km
Taiwan region (243)
M_S3.5 / 2, M_L3.7 / 8,

QZH	3.7	281	ePn	15 49 22.0	0.1		
			Sn	15 50 10.7	3.4		
			SMN		$M_L=3.7$	1.4	0.21
			LN		$M_S=3.5$	8.0	0.86
SSE	6.9	350	eP	15 50 06.0	−1.5		
			SMN		$M_L=3.6$	1.0	0.025
			SME			1.0	0.027
			LN		$M_S=3.6$	14.0	0.67
WMQ	34.5	313	P	15 55 16.0	1.4		

JAN 6d 18h 52m 24.5 ± 0.08s, SD1.55 / 70
36.46 N ± 1.81km, 141.66 E ± 1.74km, h27 ± 1.10km
Near east coast of Honshu (228)
M_S4.5 / 9,

MDJ	12.3	315	eP	18 55 20.5	0.0		
			pP	18 55 26.5	−0.3		
			LZ		$M_S=4.2$	18.0	1.80
CN2	14.4	306	eP	18 55 49.4	0.7		
SNY	15.0	296	eP	18 55 56.7	−0.1		
SSE	17.8	258	P	18 56 32.0	−0.6		
			LN		$M_S=4.5$	14.0	0.77
			LE			14.0	0.77
TIA	19.8	277	eP	18 56 53.7	−1.8		
			LN		$M_S=4.4$	14.0	0.56
			LE			14.0	0.67
BJI	20.3	288	eP	18 56 58.5	−2.8		
			LN		$M_S=4.2$	14.0	0.50
			LZ		$M_S=4.1$	16.0	0.59
TIY	23.3	282	eP	18 57 32.0	0.4		
			eS	19 01 44.0	5.2		
			LE		$M_S=4.8$	15.0	1.52
			LZ		$M_S=4.8$	15.0	2.37
WHN	23.5	263	eP	18 57 32.5	−0.6		
			pP	18 57 37.0	−4.1		
			eS	19 01 45.0	3.4		
			LN		$M_S=4.8$	14.0	0.80
			LE			15.0	1.20
HHC	23.8	290	eP	18 57 35.6	−1.2		
BTO	25.0	289	eP	18 57 48.8	0.6		
XAN	26.8	275	iP	18 58 04.5	0.0		
LZH	30.4	281	eP	18 58 37.0	0.1		
GYA	31.3	261	P	18 58 44.2	−1.1		
CD2	31.9	271	P	18 58 49.7	−0.4		
GTA	32.9	288	−P	18 58 59.5	0.1		
KMI	35.1	262	+P	18 59 17.5	−0.5		
WMQ	41.3	297	P	19 00 11.5	1.8		
			S	19 06 26.0	5.0		
LSA	42.5	276	P	19 00 21.8	2.0		
KSH	50.9	295	eP	19 01 27.5	1.8		

JAN 6d 19h 04m 05.3 ± 0.07s, SD0.97 / 100
47.08 N ± 1.99km, 153.74 E ± 1.40km, h40 ± 0.52km
Kurile Islands (221)
M_S5.9 / 52, m_B5.8 / 25,

MDJ	17.0	271	−P	19 08 02.0	0.2		
			S	19 11 09.0	1.7		
			LN		$M_S=5.7$	14.0	20.7
			LZ		$M_S=5.8$	16.0	42.0
CN2	20.1	271	−P	19 08 37.7	−0.7		
			epP	19 08 47.5	−0.3		
			S	19 12 11.7	−4.5		
			LN		$M_S=5.9$	11.0	17.0
			LZ		$M_S=5.6$	16.0	19.3
SNY	22.1	267	+iP	19 08 58.0	−0.8		
			PMZ		$m_B=5.7$	10.0	3.70
			eS	19 12 54.5	−0.3		
			sS	19 13 08.5	−2.6		
			LN		$M_S=6.1$	13.0	16.7
			LE			15.0	31.9
			LZ		$M_S=6.1$	16.0	49.9
DL2	24.7	262	P	19 09 25.0	0.3		
			PMZ		$m_B=6.0$	7.0	3.84
			S	19 13 43.0	2.4		
			LN		$M_S=6.0$	10.0	2.85
			LE			12.0	16.0
BJI	27.9	269	+P	19 09 54.0	−0.2		
			PMZ		$m_B=5.7$	9.0	1.40
			ePP	19 10 44.0	0.5		
			eS	19 14 34.0	0.6		
			LE		$M_S=5.8$	13.0	9.80
			LZ		$M_S=5.4$	16.0	7.60
TIA	29.2	262	P	19 10 05.9	0.3		
			PMZ		$m_B=5.6$	8.0	1.04
			eS	19 14 55.5	1.5		
			LN		$M_S=5.8$	14.0	8.40
			LE			14.0	7.72
			LZ		$M_S=5.4$	16.0	7.59
SSE	29.6	249	+P	19 10 08.0	−1.4		
			PMZ		$m_B=5.6$	12.0	1.36
			eS	19 15 00.0	−0.7		
			sS	19 15 24.0	5.8		
			LN		$M_S=5.8$	12.0	5.05
			LE			12.0	7.12
			LZ		$M_S=5.2$	20.0	5.12
NJ2	30.5	253	+P	19 10 17.2	−0.1		
			PMZ		$m_B=5.8$	10.0	1.63
			S	19 15 20.0	6.1		
			LN		$M_S=5.8$	13.0	5.26
			LE			13.0	7.46
			LZ		$M_S=5.7$	20.0	16.2
HHC	30.7	274	eP	19 10 19.0	−0.2		
			PP	19 11 23.0	3.3		
			S	19 15 15.0	−1.9		
			LN		$M_S=5.9$	16.0	11.4
			LE			16.0	7.20

International Seismological Centre

			LZ		$M_S=5.2$		18.0	5.00
TIY	31.6	268	P	19 10 27.5		0.5		
			PMZ		$m_B=5.9$		9.0	1.76
			sP	19 10 41.5		−0.1		
			PP	19 11 28.0		−3.3		
			S	19 15 35.0		4.1		
			sS	19 15 48.0		−1.3		
			LE		$M_S=6.2$		14.0	21.6
			LZ		$M_S=6.3$		14.0	42.5
BTO	31.9	274	+iP	19 10 29.5		0.1		
			sP	19 10 44.0		−0.1		
			PP	19 11 38.0		3.1		
			S	19 15 38.0		2.8		
			sS	19 15 55.0		1.3		
			SS	19 17 33.0		4.9		
			LN		$M_S=6.0$		15.0	9.30
			LE				15.0	11.4
			LZ		$M_S=5.9$		15.0	17.5
WHN	34.4	256	P	19 10 51.0		−0.5		
			PMZ		$m_B=5.9$		8.0	1.60
			pP	19 11 02.0		0.1		
			S	19 16 21.0		5.9		
			sS	19 16 29.0		−4.5		
			SMN				13.0	1.90
			LN		$M_S=6.1$		12.0	8.80
			LE				14.0	12.0
			LZ		$M_S=6.0$		16.0	19.8
QZH	35.6	244	P	19 11 01.0		−0.2		
			S	19 16 33.0		0.4		
			sS	19 16 50.0		−1.2		
			LN		$M_S=5.5$		12.0	3.37
			LZ		$M_S=5.5$		18.0	6.90
XAN	36.0	265	iP	19 11 05.5		0.8		
			LN		$M_S=6.2$		16.0	13.2
			LE				15.5	15.1
LZH	38.3	272	iP	19 11 25.0		0.5		
			PMZ		$m_B=6.1$		7.0	2.35
			eS	19 17 16.0		0.1		
			SMN				14.0	1.11
			LN		$M_S=5.5$		16.0	0.90
			LE				16.0	3.70
			LZ		$M_S=5.7$		16.0	8.50
GTA	39.3	279	+P	19 11 33.2		0.2		
			PMZ		$m_B=5.7$		9.0	1.23
			PP	19 13 08.0		0.6		
			S	19 17 29.0		−1.3		
			sS	19 17 49.5		0.6		
			LN		$M_S=5.9$		12.5	6.31
			LZ		$M_S=5.9$		16.0	14.8
GZH	40.2	248	eP	19 11 40.0		0.1		
			LN		$M_S=5.9$		15.0	4.50
			LE				16.0	6.60
CD2	41.3	265	iP	19 11 50.1		0.7		
			PcS	19 17 38.0		1.0		
			eS	19 18 03.0		1.9		
			LN		$M_S=6.0$		14.0	9.89
			LZ		$M_S=5.7$		15.0	7.07
GYA	42.2	258	P	19 11 56.4		−0.2		
			pP	19 12 08.0		1.0		
			PP	19 13 41.0		3.5		
			ScP	19 17 35.6		−0.3		
			S	19 18 18.0		5.2		
			SMN		$m_B=5.9$		8.0	1.60
			LN		$M_S=6.1$		15.0	8.10
			LE				15.0	10.1
			LZ		$M_S=5.5$		18.0	5.90
WMQ	45.2	291	P	19 12 21.0		0.1		
			PMZ		$m_B=5.9$		8.0	1.37
			PP	19 14 12.0		5.1		
			S	19 18 55.0		−1.3		
			sS	19 19 18.0		2.8		
			LN		$M_S=6.3$		16.0	9.89
			LE				14.0	12.2
			LZ		$M_S=6.1$		16.0	17.7
QZN	45.4	247	eP	19 12 23.6		1.5		
			PP	19 14 14.0		5.5		
			S	19 19 02.0		3.3		
			sS	19 19 19.0		1.4		
			SS	19 22 17.0		2.6		
			LN		$M_S=5.7$		15.0	4.30
KMI	45.7	260	iP	19 12 25.0		−0.2		
			PMZ		$m_B=6.1$		7.0	2.10
			sP	19 12 40.0		0.0		
			PP	19 14 17.0		5.0		
			S	19 19 06.0		2.2		
			SMN		$m_B=6.1$		10.0	2.50
			LE		$M_S=6.0$		16.0	8.20
			LZ		$M_S=5.8$		16.0	8.40
LSA	50.7	273	−iP	19 13 06.0		2.0		
			pP	19 13 13.0		−1.0		
			eS	19 20 15.0		−0.4		
			LN		$M_S=5.8$		14.0	4.50
KSH	55.0	293	eP	19 13 36.0		0.6		
			PMZ		$m_B=6.0$		6.0	1.10
			eS	19 21 15.0		2.0		
			LN		$M_S=6.5$		16.0	19.7

JAN 6d 19h 08m 26.1 ± 0.08s, SD1.69 / 66
36.44 N ± 2.04km, 141.62 E ± 1.73km, h36 ± 0.96km
Near east coast of Honshu (228)
M_S5.6 / 15, m_B5.5 / 3, m_b5.7 / 4,

MDJ	12.3	315	eP	19 11 21.0		−0.3		
CN2	14.4	306	−P	19 11 49.6		0.2		
DL2	16.0	285	eP	19 12 13.0		2.4		
NJ2	19.3	264	+P	19 12 48.0		−3.1		
TIA	19.7	277	P	19 12 54.0		−1.8		
			eS	19 16 30.0		−1.2		
			LN		$M_S=5.6$		13.0	6.73
			LE				14.0	9.32
			LZ		$M_S=5.3$		15.0	8.70
BJI	20.3	288	eP	19 13 01.0		−0.7		
QZH	22.8	246	+P	19 13 24.2		−3.0		
WHN	23.4	263	iP	19 13 33.0		−0.4		
			pP	19 13 44.0		1.3		
			S	19 17 42.0		1.9		
			sS	19 17 55.0		−1.3		
			LN		$M_S=5.8$		14.0	5.80
			LE				14.0	14.0
			LZ		$M_S=5.7$		16.0	19.8
BTO	25.0	289	eP	19 13 48.0		−0.6		
XAN	26.7	275	P	19 14 04.2		−0.6		
GZH	27.8	249	P	19 14 15.5		1.2		
GYA	31.3	261	P	19 14 44.6		−1.0		
			pP	19 14 54.6		−0.4		
			S	19 19 49.0		1.2		
			LN		$M_S=5.9$		15.0	8.64
			LE				15.0	8.75
			LZ		$M_S=5.1$		18.0	3.28
GTA	32.9	288	P	19 15 00.0		0.3		
			S	19 20 15.0		1.9		
			sS	19 20 33.8		3.6		
			LE		$M_S=5.5$		12.5	4.18
			LZ		$M_S=5.6$		12.0	7.07
KMI	35.0	262	P	19 15 18.0		−0.2		
			pP	19 15 29.0		1.3		
			LN		$M_S=5.6$		15.0	5.60

	41.3 297	iP	19 16 11.5		1.5		
		pP	19 16 24.5		4.8		
WMQ		S	19 22 26.0		5.5		
		SME		$m_B = 5.7$		8.0	1.12
		LN		$M_S = 6.2$		14.0	8.17
		LE				14.0	12.2
		LZ		$M_S = 6.0$		14.0	13.3
LSA	42.4 276	+P	19 16 22.0		1.9		
KSH	50.8 295	eP	19 17 27.9		1.9		
		eS	19 24 43.0		4.3		

JAN 6d 19h 36m 13.8 ± 0.10s, SD1.69 / 25
47.24 N ± 3.96km, 153.54 E ± 2.34km, h40 ± 0.86km
Kurile Islands (221)

MDJ	16.9 270	eP	19 40 07.8		−0.8		
CN2	19.9 270	eP	19 40 43.8		−1.6		
SNY	22.0 267	eP	19 41 05.9		−0.1		
TIY	31.5 268	eP	19 42 34.6		0.3		
XAN	35.9 265	iP	19 43 11.6		−0.6		
GTA	39.2 279	eP	19 43 40.6		0.4		
CD2	41.2 265	eP	19 43 56.5		−0.4		
WMQ	45.0 291	eP	19 44 28.0		0.1		

JAN 6d 19h 43m 13.4 ± 0.36s, SD2.04 / 8
24.46 N ± 2.45km, 121.85 E ± 2.22km, h10 ± 0.12km
Taiwan (244)
M_L3.2 / 9,

QZH	3.0 280	iPn	19 44 02.4		1.0		
		iSn	19 44 38.6		−0.8		
		SMN		$M_L = 3.2$		0.3	0.070
		SME				0.3	0.10
SSE	6.6 355	eP	19 44 53.0		−0.6		
		SMN		$M_L = 3.2$		1.0	0.012
		SME				1.0	0.015

JAN 6d 20h 39m 29.1 ± 0.06s, SD1.14 / 33
47.15 N ± 2.50km, 153.85 E ± 1.99km, h32 ± 1.09km
Kurile Islands (221)

MDJ	17.1 270	eP	20 43 27.5		0.5		
CN2	20.1 271	eP	20 44 03.5		0.0		
SNY	22.2 267	eP	20 44 23.4		−0.6		
BJI	28.0 269	eP	20 45 21.0		1.7		
TIY	31.7 268	eP	20 45 51.8		−0.4		
XAN	36.1 265	iP	20 46 29.3		−0.6		
LZH	38.4 272	eP	20 46 50.0		0.4		
GTA	39.4 279	eP	20 46 58.8		0.7		
CD2	41.4 265	eP	20 47 14.8		0.2		
GYA	42.3 258	P	20 47 21.2		−0.7		
WMQ	45.3 291	eP	20 47 45.5		−0.3		
LSA	50.8 273	P	20 48 30.5		1.4		

JAN 6d 21h 12m 08.9 ± 0.08s, SD1.40 / 44
46.92 N ± 2.56km, 153.80 E ± 1.89km, h39 ± 0.71km
Kurile Islands (221)

MDJ	17.0 271	eP	21 16 05.5		−0.5		
CN2	20.1 271	eP	21 16 38.0		−4.5		
SNY	22.1 268	eP	21 17 01.5		−1.3		
BJI	28.0 270	eP	21 18 01.0		2.8		
HHC	30.8 274	P	21 18 23.4		0.0		
TIY	31.6 268	eP	21 18 31.0		0.0		
WHN	34.4 256	P	21 18 55.0		−0.2		
XAN	36.0 265	iP	21 19 08.3		−0.4		
LZH	38.4 272	eP	21 19 29.0		0.4		
GTA	39.4 279	P	21 19 37.8		0.5		
CD2	41.4 266	P	21 19 53.8		0.4		
GYA	42.2 258	P	21 20 00.2		−0.2		
WMQ	45.3 291	P	21 20 25.0		−0.4		

JAN 7d 07h 26m 12.5 ± 0.23s, SD1.44 / 58
23.31 S ± 3.10km, 68.53 W ± 4.77km, h117 ± 1.50km
Northern Chile (123)

KSH	145.9 53	PKP	07 45 39.0		0.3
WMQ	151.7 38	PKP	07 45 47.0		−0.9
		sPKP	07 46 26.0		−5.1
		ePP	07 49 37.0		0.5
MDJ	154.1 329	ePKP	07 45 51.0		−0.1
CN2	156.5 334	ePKP	07 45 54.2		−0.2
LSA	160.7 66	PKP	07 46 01.6		1.8
GTA	161.1 29	PKP	07 46 00.0		0.1
HHC	162.5 360	ePKP	07 46 02.7		1.5
BTO	162.7 4	ePKP	07 46 04.0		2.6
BJI	162.8 348	ePKP	07 46 02.0		0.6
		epPKP	07 46 35.0		2.9
		ePKP2	07 46 49.0		−3.2
		ePP	07 50 34.0		−3.3
TIY	165.6 357	ePKP	07 46 05.0		0.8
		pPKP	07 46 38.0		3.0
LZH	165.7 26	ePKP	07 46 05.0		0.6
		PKP2	07 47 02.5		−1.9
XAN	169.1 11	iPKP	07 46 07.9		1.4
NJ2	169.1 325	ePKP	07 46 07.5		1.1
CD2	169.8 41	PKP	07 46 08.8		1.9
WHN	172.3 341	ePKP	07 46 08.5		0.1
GYA	174.6 53	PKP	07 46 09.8		0.0
		pPKP	07 46 42.0		2.0
		PP	07 51 32.0		−5.3

JAN 7d 10h 09m 46.6 ± 0.20s, SD3.36 / 10
23.42 N ± 1.06km, 99.14 E ± 1.47km, h30 ± 1.09km
Burma–China border region (297)
M_L4.0 / 4,

GTA	16.0 2	eP	10 13 34.0		3.1

JAN 7d 16h 52m 30.2 ± 0.06s, SD1.01 / 23
10.07 S ± 1.07km, 161.26 E ± 2.17km, h101 ± 0.61km
Solomon Islands (193)

MDJ	61.5 335	eP	17 02 40.0		0.7
CN2	62.7 332	eP	17 02 46.5		−0.9
LZH	70.9 314	eP	17 03 40.0		1.0
GTA	75.2 315	eP	17 04 05.0		0.4

JAN 7d 17h 21m 43.2 ± 0.06s, SD1.86 / 8
38.43 N ± 0.73km, 103.79 E ± 0.48km, h13 ± 0.33km
Gansu Province (322)
M_L3.5 / 6,

GTA	3.3 289	ePn	17 22 33.6		−0.9		
		Sn	17 23 14.1		−0.8		
		SMN		$M_L = 3.1$		0.4	0.076
		SME				0.4	0.059
BTO	5.3 64	ePg	17 23 14.4		−2.3		
		Sg	17 24 25.2		−3.5		
HHC	6.5 66	Pg	17 23 37.0		−0.7		
		Sg	17 25 01.4		−4.5		

JAN 7d 18h 39m 49.4 ± 0.14s, SD1.97 / 61
20.26 N ± 1.86km, 120.60 E ± 2.00km, h31 ± 0.42km
Philippine Islands region (248)
M_S4.2 / 11, M_L3.8 / 9,

QZH	5.0 339	ePn	18 41 02.3		−0.6		
		Sn	18 41 55.0		−6.5		
		SMN		$M_L = 3.7$		0.7	0.080
		SME				0.5	0.11
		LN		$M_S = 3.5$		12.0	0.74
		LZ		$M_S = 3.6$		14.0	0.95
GZH	7.3 294	eP	18 41 32.0		−4.7		
		SMN		$M_L = 4.2$		1.0	0.10

International Seismological Centre

			SME			1.0	0.10
QZN	10.2	265	eP	18 42 21.8	4.8		
			eS	18 44 18.5	6.9		
			LN	M_S=3.9		14.0	0.80
WHN	11.7	332	eP	18 42 38.5	1.4		
			pP	18 42 46.0	2.1		
			eS	18 44 50.0	2.4		
			LN	M_S=4.0		10.0	0.50
GYA	14.2	298	P	18 43 10.8	0.1		
			pP	18 43 18.0	0.5		
			S	18 45 49.0	1.4		
XAN	17.2	325	P	18 43 52.1	3.1		
			LN	M_S=4.3		12.0	0.58
			LE			8.0	0.25
CD2	18.5	308	eP	18 44 06.1	0.8		
TIY	18.8	340	eP	18 44 10.0	1.2		
			LN	M_S=4.2		12.0	0.49
			LZ	M_S=4.2		14.0	0.71
BJI	20.1	350	eP	18 44 23.0	−0.2		
			eS	18 48 00.0	−2.4		
			LZ	M_S=3.9		12.0	0.30
LZH	21.5	321	P	18 44 40.0	1.4		
SNY	21.6	6	+P	18 44 41.3	2.0		
HHC	21.9	341	eP	18 44 43.7	1.5		
BTO	22.2	338	eP	18 44 46.5	1.6		
			sP	18 44 59.0	1.7		
			eS	18 48 45.0	2.2		
			LN	M_S=4.3		10.0	0.30
			LE			10.0	0.20
CN2	23.8	9	−P	18 45 00.5	−0.2		
			sP	18 45 14.0	0.7		
			LE	M_S=4.4		12.0	0.50
MDJ	25.4	15	eP	18 45 15.5	−0.6		
GTA	26.1	321	eP	18 45 23.2	0.1		
	36.1	**318**	eP	**18 46 51.5**	**0.9**		

JAN 7d 21h 15m 37.0±0.08s, SD2.48/19
39.32 N±1.31km, 74.76 E±1.10km, h22±0.69km
Tadzhikistan–Xinjiang border region (719)
M_L4.0/6,

KSH	0.9	78	+iPg	21 15 54.7	0.8		
			Sg	21 16 09.4	2.8		
			SMN	M_L=4.1		0.5	4.50
			SME			0.7	4.30
WMQ	10.7	61	P	21 18 11.5	−0.7		
			S	21 20 17.5	5.7		
GTA	19.4	82	eP	21 20 04.6	0.3		

JAN 7d 22h 11m 28.1±0.09s, SD1.76/58
36.03 N±2.30km, 141.27 E±1.91km, h24±0.66km
Near east coast of Honshu (228)
M_S4.2/6,

MDJ	12.4	317	eP	22 14 30.3	4.5		
			S	22 16 45.0	1.7		
			LZ	M_S=4.2		16.0	1.50
CN2	14.4	307	eP	22 14 53.6	0.9		
			eS	22 17 30.0	−2.7		
			LN	M_S=4.1		11.0	0.50
			LZ	M_S=4.1		15.0	0.90
BJI	20.1	289	eP	22 16 02.5	−1.3		
			LZ	M_S=3.8		16.0	0.29
TIY	23.1	283	+P	22 16 35.5	1.9		
			LN	M_S=4.3		13.0	0.48
			LZ	M_S=4.2		18.0	0.73
WHN	23.1	264	eP	22 16 33.4	−0.4		
			sP	22 16 43.0	−1.7		
HHC	23.7	291	eP	22 16 41.3	1.8		
BTO	24.9	290	eP	22 16 50.4	−0.5		
XAN	26.5	275	iP	22 17 05.7	−0.4		
LZH	30.1	281	eP	22 17 39.0	0.6		
			LZ	M_S=4.2		16.0	0.40
GYA	31.0	262	P	22 17 44.6	−1.6		
			pP	22 17 51.0	−2.6		
			S	22 22 42.4	−4.9		
GTA	32.8	289	−P	22 18 02.1	0.0		
WMQ	41.2	298	P	22 19 14.0	0.8		
			S	22 25 29.5	5.2		
			LZ	M_S=4.4		12.0	0.34
LSA	42.2	276	P	22 19 24.3	2.5		

JAN 8d 07h 17m 19.7±0.09s, SD1.96/48
38.34 N±1.15km, 98.23 E±0.88km, h30±0.19km
Qinghai Province (325)
M_S4.3/13, M_L4.9/5,

GTA	1.6	49	iPn	07 17 48.2	1.1		
			Pg	07 17 50.0	1.0		
			Sn	07 18 09.0	0.6		
			Sg	07 18 13.0	1.4		
			LN			7.0	6.03
			LE			5.0	1.73
LZH	5.0	115	Pn	07 18 36.5	2.9		
			Sg	07 19 58.0	1.0		
			SMN			2.0	0.69
			SME			2.0	0.50
			LN	M_S=4.1		9.0	1.80
			LE			7.0	1.38
			LZ	M_S=3.7		16.0	1.28
BTO	9.4	72	eP	07 19 36.0	−0.3		
			LN	M_S=3.9		8.0	0.30
			LE			8.0	0.40
WMQ	9.6	308	P	07 19 38.8	−0.9		
			SMN			1.2	0.010
			SME			1.0	0.080
XAN	9.6	113	eP	07 19 39.0	−0.8		
			LN	M_S=4.3		8.0	0.88
			LE			8.0	0.62
HHC	10.6	72	eP	07 19 51.3	−1.5		
TIY	11.2	89	+P	07 20 00.6	−0.8		
			LE	M_S=4.2		10.0	0.81
			LZ	M_S=4.3		10.0	1.27
GYA	13.8	147	P	07 20 36.0	−0.1		
BJI	14.0	77	eP	07 20 38.5	−0.2		
			LN	M_S=4.1		9.0	0.44
WHN	15.4	116	eP	07 20 55.6	−1.0		
			sP	07 21 02.5	−5.6		
			eS	07 23 47.0	0.3		
			LN	M_S=4.3		8.0	0.60
KSH	17.4	281	eP	07 21 21.0	−1.2		
SSE	20.2	104	eP	07 21 52.0	−2.8		
			eS	07 25 31.0	−4.1		
			LE	M_S=4.0		10.0	0.22
			LZ	M_S=4.1		12.0	0.45
CN2	21.2	66	eP	07 22 06.0	0.8		

JAN 8d 14h 13m 11.0±0.16s, SD1.89/57
22.55 N±2.12km, 124.02 E±1.75km, h10±0.52km
South–east of Taiwan (247)
M_S3.7/3, M_L4.0/12,

QZH	5.5	297	Pn	14 14 34.5	1.0		
			SMN	M_L=3.9		0.2	0.13
			SME			0.2	0.080
SSE	8.9	344	+iP	14 15 22.0	−0.5		
			eS	14 17 02.0	−1.5		
			SMN	M_L=3.8		1.0	0.010
			SME			1.0	0.024
			LE	M_S=3.5		14.0	0.35

		LZ	$M_S=3.4$		20.0	0.47
NJ2	10.5	335	−iP	14 15 44.5	−0.6		
			S	14 17 38.2	−5.6		
WHN	11.8	315	eP	14 15 57.0	−5.0		
			eS	14 18 10.5	−3.9		
			SMN			15.0	0.10
XAN	17.5	314	P	14 17 20.0	2.6		
TIY	18.1	329	eP	14 17 26.6	1.9		
			eS	14 20 40.0	−4.3		
			LE	$M_S=4.2$		15.0	0.65
			LZ	$M_S=3.9$		20.0	0.63
BJI	18.7	341	eP	14 17 31.5	0.0		
SNY	19.2	359	eP	14 17 36.0	−2.2		
CD2	19.9	299	eP	14 17 47.6	1.7		
HHC	21.1	333	eP	14 18 01.8	3.7		
CN2	21.2	3	−P	14 17 58.8	−0.9		
BTO	21.5	330	eP	14 18 03.0	0.1		
LZH	22.1	312	eP	14 18 11.5	2.7		
MDJ	22.5	10	eP	14 18 11.0	−1.3		
GTA	26.6	315	eP	14 18 51.6	−0.1		

JAN 8d 14h 54m 46.8 ± 0.09s, SD1.23 / 65
3.21 S ± 1.28km, 130.66 E ± 1.56km, h33 ± 0.13km
Seram (272)
M_S4.8 / 4,

QZN	30.1	318	eP	15 00 56.3	0.2		
			eS	15 05 52.0	0.2		
			LN	$M_S=4.6$		14.0	0.60
SSE	35.3	346	eP	15 01 40.0	−1.0		
			eS	15 07 12.0	−0.2		
			LZ	$M_S=4.2$		20.0	0.47
WHN	37.0	336	eP	15 01 54.0	−1.5		
			eS	15 07 42.0	3.4		
GYA	37.5	323	P	15 02 00.8	0.7		
			pP	15 02 06.0	−3.2		
KMI	39.1	318	eP	15 02 15.0	1.9		
			pP	15 02 20.0	−2.2		
			sP	15 02 28.0	1.8		
			eS	15 08 11.0	0.3		
XAN	42.3	333	P	15 02 37.3	−2.6		
CD2	42.5	325	eP	15 02 42.6	1.1		
TIY	44.1	339	eP	15 02 54.0	−0.1		
			eS	15 09 18.0	−6.5		
			LN	$M_S=4.8$		15.0	0.55
			LZ	$M_S=4.4$		24.0	0.54
BJI	45.0	344	eP	15 03 01.5	−0.2		
SNY	45.3	353	+iP	15 03 03.4	−0.2		
			pP	15 03 13.0	0.0		
			S	15 09 40.0	−0.4		
			LN	$M_S=4.8$		22.0	0.75
			LZ	$M_S=4.7$		20.0	0.97
LZH	46.4	330	eP	15 03 13.5	0.6		
CN2	47.0	355	eP	15 03 16.6	−0.8		
HHC	47.2	340	eP	15 03 19.5	0.7		
BTO	47.5	339	eP	15 03 22.4	1.1		
MDJ	47.6	359	eP	15 03 21.5	−0.6		
LSA	50.0	314	P	15 03 42.0	1.0		
GTA	51.0	329	eP	15 03 48.4	−0.1		
WMQ	60.6	326	eP	15 04 57.8	0.4		
			S	15 13 11.5	2.7		
KSH	65.8	316	eP	15 05 34.0	2.6		

JAN 8d 17h 41m 41.6 ± 0.17s, SD2.33 / 79
24.17 N ± 2.06km, 120.48 E ± 1.94km, h31 ± 0.42km
Taiwan region (243)
M_S5.0 / 31, M_L4.3 / 3,

QZH	1.9	295	ePn	17 42 10.0	−2.1		
			iSn	17 42 34.0	−2.3		
			SMN	$M_L=4.6$		6.5	4.21
			SME			9.7	5.84
			LZ			10.0	6.99
GZH	6.6	262	eP	17 43 19.0	−0.5		
			LN	$M_S=5.4$		4.0	13.4
SSE	6.9	5	P	17 43 20.5	−3.2		
			pP	17 43 28.0	−2.2		
			S	17 44 38.0	−4.2		
			sS	17 44 48.0	−4.8		
			LN	$M_S=5.4$		10.0	5.17
			LE			10.0	30.2
			LZ	$M_S=4.5$		12.0	4.08
NJ2	8.0	350	−P	17 43 35.8	−2.6		
			S	17 45 02.2	−6.2		
			LZ	$M_S=5.0$		13.0	12.8
WHN	8.4	321	eP	17 43 44.9	1.2		
			pP	17 43 51.0	0.6		
			S	17 45 24.0	6.0		
			LN	$M_S=5.1$		6.0	5.40
			LE			6.0	5.00
			LZ	$M_S=4.7$		10.0	5.10
QZN	11.1	245	eP	17 44 22.0	0.0		
			eS	17 46 27.0	0.5		
			LN	$M_S=4.7$		9.0	2.40
TIA	12.3	347	eP	17 44 35.0	−3.4		
			LN	$M_S=4.8$		10.0	1.47
			LE			6.0	1.87
GYA	12.7	283	eP	17 44 39.4	−3.8		
			S	17 47 01.2	−2.9		
			LN	$M_S=4.5$		18.0	1.49
			LE			18.0	2.12
XAN	14.1	317	P	17 45 05.6	4.2		
			LN	$M_S=5.1$		8.0	2.49
			LE			5.0	2.14
DL2	14.7	4	eP	17 45 12.5	2.8		
			LN	$M_S=4.9$		10.0	2.57
			LE			10.0	1.89
TIY	15.1	335	eP	17 45 17.3	1.9		
			sS	17 48 18.0	4.1		
			LN	$M_S=5.1$		10.0	4.14
KMI	16.2	277	eP	17 45 32.5	4.0		
			LN	$M_S=4.4$		11.0	0.80
			LZ	$M_S=4.8$		8.0	2.10
BJI	16.2	348	eP	17 45 30.0	0.8		
			eS	17 48 30.5	2.4		
			LN	$M_S=4.5$		11.0	1.20
			LZ	$M_S=4.5$		12.0	1.50
CD2	16.3	298	P	17 45 33.0	3.3		
			LN	$M_S=5.4$		5.0	4.06
			LZ	$M_S=4.6$		10.0	1.62
SNY	17.8	8	+P	17 45 50.4	1.5		
			pP	17 45 58.4	2.2		
			S	17 49 08.0	4.6		
			LN	$M_S=4.9$		11.0	1.74
			LE			9.0	1.04
			LZ	$M_S=4.7$		12.0	2.18
HHC	18.2	338	eP	17 45 56.5	2.1		
			LN	$M_S=4.9$		8.0	1.00
			LE			8.0	1.30
BTO	18.6	334	eP	17 46 02.4	3.6		
			sP	17 46 14.6	4.3		
			eS	17 49 28.0	6.0		
			LN	$M_S=4.9$		12.0	1.60
			LE			11.0	1.40
			LZ	$M_S=4.7$		13.0	2.40
LZH	18.6	313	eP	17 46 03.0	3.7		
			PMZ			3.0	0.40
			LN	$M_S=5.2$		5.0	0.91

International Seismological Centre

International Seismological Centre

			LE				9.0	2.79
			LZ		$M_S = 4.9$		10.0	2.50
CN2	20.0	11	P	17 46	15.0	0.2		
			sP	17 46	25.0	−2.1		
			LN		$M_S = 4.6$		12.0	1.10
			LZ		$M_S = 4.6$		14.0	1.90
MDJ	21.7	18	−P	17 46	33.0	0.7		
			LE		$M_S = 5.1$		6.0	1.33
			LZ		$M_S = 4.5$		15.0	1.31
GTA	23.1	316	eP	17 46	47.4	0.7		
			pP	17 46	53.6	−1.4		
			sP	17 46	59.6	0.6		
			LE		$M_S = 4.8$		10.0	0.97
			LZ		$M_S = 4.7$		12.0	1.59
LSA	26.7	288	P	17 47	21.7	1.0		

JAN 8d 19h 57m 04.6 ± 0.07s, SD1.10 / 103
51.59 N ± 2.91km, 174.98 W ± 1.42km, h28 ± 0.71km
Andreanof Islands (7)
M_S5.8 / 45, m_B6.1 / 20, m_b5.7 / 2,

MDJ	36.9	282	eP	20 04	11.5	−1.5		
			pP	20 04	25.0	3.6		
			PP	20 05	37.0	−1.7		
			S	20 09	48.0	−6.8		
			LE		$M_S = 5.9$		20.0	11.6
			LZ		$M_S = 5.8$		20.0	14.2
CN2	39.8	283	+iP	20 04	37.3	−0.4		
			PMZ		$m_B = 6.0$		5.0	1.40
			pP	20 04	47.5	1.3		
			PP	20 06	11.0	−2.4		
			eS	20 10	40.0	−0.6		
			LE		$M_S = 5.9$		19.0	11.1
			LZ		$M_S = 5.9$		20.0	18.7
SNY	42.1	282	+iP	20 04	56.8	0.6		
			PMZ		$m_B = 6.3$		4.0	2.18
			sP	20 05	09.5	1.1		
			PP	20 06	37.0	0.1		
			S	20 11	14.0	1.1		
			sS	20 11	30.0	2.0		
			SMN		$m_B = 5.7$		9.0	1.08
			LN		$M_S = 5.7$		17.0	4.22
			LE				18.0	2.86
			LZ		$M_S = 5.5$		20.0	6.69
DL2	45.0	280	+P	20 05	20.0	0.0		
			eS	20 11	56.0	−0.6		
			LN		$M_S = 5.7$		17.0	3.81
			LE				16.0	1.89
			LZ		$M_S = 5.1$		20.0	2.16
BJI	47.7	284	eP	20 05	41.0	0.2		
			PMZ		$m_B = 6.1$		4.0	1.20
			ePP	20 07	30.0	−1.0		
			eS	20 12	32.0	−2.1		
			LN		$M_S = 6.0$		19.0	7.20
			LE				20.0	5.80
			LZ		$M_S = 5.8$		20.0	11.2
TIA	49.5	280	P	20 05	55.7	0.6		
			eS	20 13	04.0	4.0		
			LN		$M_S = 5.7$		19.0	3.49
			LE				19.0	2.45
			LZ		$M_S = 5.4$		23.0	5.01
HHC	49.9	288	iP	20 05	59.0	0.6		
			pP	20 06	09.0	2.2		
			PMZ		$m_B = 6.3$		5.0	2.10
			S	20 13	10.0	5.3		
			LN		$M_S = 5.7$		16.0	3.80
			LE				16.0	1.30
			LZ		$M_S = 5.6$		22.0	6.50
SSE	50.4	272	+P	20 06	02.0	0.2		
			PMZ		$m_B = 6.3$		5.0	1.89
			sP	20 06	14.0	0.9		
			PcP	20 07	18.0	−1.6		
			PP	20 07	58.0	0.3		
			S	20 13	12.0	0.8		
			LN		$M_S = 5.5$		18.0	2.00
			LE				18.0	1.37
			LZ		$M_S = 5.3$		20.0	2.79
BTO	51.0	289	+iP	20 06	06.5	−0.1		
			sP	20 06	22.0	3.4		
			ePP	20 08	06.0	3.0		
			eS	20 13	19.0	−1.8		
			SS	20 16	52.0	−0.2		
			LN		$M_S = 5.7$		16.0	2.20
			LE				16.0	3.20
			LZ		$M_S = 5.6$		16.0	4.90
NJ2	51.2	275	+P	20 06	07.0	−0.9		
			PMZ		$m_B = 5.9$		11.0	1.62
			S	20 13	27.0	4.8		
			LN		$M_S = 5.7$		20.0	2.72
			LE				20.0	3.99
			LZ		$M_S = 5.2$		17.0	2.07
TIY	51.4	284	+P	20 06	10.4	0.9		
			PMZ		$m_B = 6.2$		5.0	1.50
			pP	20 06	19.0	1.0		
			sP	20 06	26.0	4.4		
			S	20 13	29.0	4.0		
			sS	20 13	41.5	1.1		
			LE		$M_S = 5.7$		18.0	4.50
			LZ		$M_S = 5.7$		20.0	7.01
WHN	55.0	276	P	20 06	35.5	−0.9		
			PMZ		$m_B = 6.2$		4.0	1.40
			pP	20 06	46.6	1.5		
			S	20 14	16.0	1.7		
			LN		$M_S = 5.8$		14.0	2.70
			LE				18.0	2.50
			LZ		$M_S = 5.3$		24.0	3.50
XAN	56.0	283	iP	20 06	42.6	−0.6		
			PMZ		$m_B = 6.1$		5.0	1.30
			sP	20 06	57.0	1.6		
			PP	20 08	50.6	1.9		
			S	20 14	32.6	5.8		
			LN		$M_S = 5.9$		15.0	2.07
			LE				18.0	4.48
QZH	56.3	268	+P	20 06	44.5	−1.4		
			pP	20 06	55.0	0.4		
			S	20 14	32.0	0.0		
			LZ		$M_S = 5.2$		20.0	1.88
LZH	57.6	289	eP	20 06	55.0	−0.1		
			PMZ		$m_B = 6.1$		5.0	1.22
			eS	20 14	51.0	0.9		
			LN		$M_S = 6.2$		18.0	9.40
			LE				19.0	6.00
			LZ		$M_S = 6.0$		20.0	11.3
GTA	57.7	294	+P	20 06	54.7	−1.0		
			PMZ		$m_B = 5.8$		5.5	0.77
			sP	20 07	12.0	4.2		
			S	20 14	51.5	1.8		
			ScS	20 16	39.6	1.1		
			LE		$M_S = 6.2$		16.0	8.85
			LZ		$M_S = 5.9$		17.0	8.10
GZH	61.0	271	eP	20 07	19.0	0.8		
			PMZ		$m_B = 6.1$		5.0	1.27
			S	20 15	28.0	−4.2		
			LN		$M_S = 5.7$		16.0	2.02
			LE				16.0	1.56
WMQ	61.2	305	P	20 07	18.5	−1.4		
			PP	20 09	36.0	0.0		

International Seismological Centre

			S	20 15 34.0	−1.2			
			LN	M_S=6.0		16.0	5.20	
			LZ	M_S=5.9		18.0	7.11	
CD2	61.3	284	P	20 07 20.4	0.2			
			PP	20 09 37.0	0.6			
			eS	20 15 38.0	0.8			
			LN	M_S=5.7		16.0	2.97	
			LZ	M_S=5.5		18.0	3.00	
GYA	62.7	279	P	20 07 29.2	−0.5			
			PMZ	m_B=6.2		5.0	1.54	
			sP	20 07 46.0	4.1			
			S	20 15 56.0	2.4			
			LN	M_S=5.8		20.0	3.02	
			LE			20.0	2.36	
			LZ	M_S=5.3		22.0	2.16	
KMI	66.1	281	P	20 07 52.0	0.1			
			PMZ	m_B=6.2		5.0	1.40	
			PP	20 10 20.0	1.4			
			S	20 16 40.0	4.6			
			LN	M_S=5.8		18.0	2.50	
			LE			18.0	2.40	
QZN	66.2	271	P	20 07 54.4	2.1			
			PP	20 10 20.0	0.5			
			eS	20 16 40.0	2.0			
			sS	20 16 56.0	3.6			
			LN	M_S=5.6		20.0	1.50	
			LE			17.0	1.60	
LSA	69.6	292	P	20 08 16.3	2.0			
			LN	M_S=5.7		16.0	2.06	
			LE			17.0	1.45	
KSH	70.3	309	P	20 08 18.0	−0.2			
			eS	20 17 28.0	0.4			
			LE	M_S=6.1		16.0	5.00	

JAN 8d 20h 26m 23.8 ± 0.08s, SD0.99 / 89
51.45 N ± 2.52km, 174.82 W ± 1.51km, h32 ± 1.02km
Andreanof Islands (7)
M_S5.3 / 4, m_b5.3 / 4,

MDJ	37.0	282	+P	20 33 32.3	−0.5			
			pP	20 33 37.0	−4.8			
CN2	40.0	283	eP	20 33 57.2	−0.3			
SNY	42.2	282	+iP	20 34 17.0	1.0			
DL2	45.1	280	+P	20 34 40.0	0.3			
BJI	47.8	285	+P	20 35 01.0	0.4			
TIA	49.6	280	eP	20 35 14.9	0.1			
HHC	50.1	288	eP	20 35 18.2	0.0			
SSE	50.5	272	+P	20 35 22.0	0.6			
			eS	20 42 32.0	−0.1			
BTO	51.1	289	eP	20 35 27.0	0.6			
NJ2	51.3	275	+P	20 35 27.4	−0.1			
			LZ	M_S=5.4		14.0	2.37	
TIY	51.5	285	iP	20 35 30.2	0.9			
			PMZ	m_b=5.5		1.2	0.070	
WHN	55.1	277	P	20 35 56.0	0.0			
XAN	56.1	284	iP	20 36 02.6	−0.3			
QZH	56.4	269	eP	20 36 05.5	0.1			
LZH	57.7	289	eP	20 36 14.5	−0.3			
			LN	M_S=5.4		15.0	1.00	
			LE			15.0	0.80	
GTA	57.8	294	+P	20 36 14.3	−1.2			
WMQ	61.4	305	P	20 36 39.0	−0.8			
			PcS	20 41 25.0	2.8			
			S	20 44 58.0	2.3			
			LZ	M_S=5.4		18.0	2.71	
CD2	61.4	285	iP	20 36 40.2	0.4			
GYA	62.8	279	P	20 36 49.0	−0.3			
			pP	20 36 58.0	−0.5			
			S	20 45 19.4	5.9			
KMI	66.2	281	P	20 37 11.5	0.1			
QZN	66.3	271	eP	20 37 14.7	3.0			
LSA	69.7	292	−P	20 37 36.0	2.1			
KSH	70.4	309	eP	20 37 39.0	1.1			

JAN 8d 22h 37m 29.6 ± 0.09s, SD0.89 / 98
51.36 N ± 2.48km, 174.72 W ± 1.42km, h34 ± 1.12km
Andreanof Islands (7)
M_S5.5 / 38, m_B6.0 / 16, m_b5.6 / 2,

MDJ	37.1	282	+P	22 44 38.0	−0.9			
			pP	22 44 47.5	−0.9			
			PP	22 46 03.0	−2.6			
			S	22 50 15.0	−6.5			
			LE	M_S=5.6		20.0	6.80	
			LZ	M_S=5.5		20.0	7.96	
CN2	40.1	283	+iP	22 45 03.0	−0.6			
			PMZ	m_B=5.8		5.0	0.80	
			pP	22 45 12.5	−0.7			
			PP	22 46 37.0	−2.9			
			eS	22 51 05.0	−2.3			
			LE	M_S=5.7		19.0	6.20	
			LZ	M_S=5.7		20.0	10.6	
SNY	42.3	282	+iP	22 45 22.0	0.0			
			PMZ	m_B=6.1		4.0	1.20	
			pP	22 45 32.0	0.4			
			S	22 51 41.0	1.5			
			LN	M_S=5.6		19.0	3.54	
			LE			18.0	2.22	
			LZ	M_S=5.3		18.0	4.04	
DL2	45.2	280	+P	22 45 46.0	0.3			
			eS	22 52 24.0	1.0			
			LN	M_S=5.4		16.0	1.93	
			LE			16.0	1.26	
BJI	47.9	285	+P	22 46 07.0	0.4			
			PMZ	m_B=6.0		4.0	0.82	
			ePcP	22 47 36.5	1.9			
			ePP	22 47 58.0	0.8			
			eS	22 53 00.0	−0.7			
			LN	M_S=5.8		19.0	4.10	
			LE			21.0	4.60	
			LZ	M_S=5.6		20.0	6.40	
TIA	49.7	280	eP	22 46 20.9	0.1			
			eS	22 53 29.3	3.0			
			LN	M_S=5.4		19.0	2.06	
			LZ	M_S=5.1		24.0	2.30	
HHC	50.1	288	eP	22 46 24.0	−0.3			
			eS	22 53 36.0	3.3			
			LN	M_S=5.5		17.0	2.70	
			LZ	M_S=5.4		22.0	3.90	
SSE	50.6	272	+P	22 46 27.0	−0.3			
			PMZ	m_B=6.1		4.0	0.96	
			S	22 53 40.0	2.9			
			SME	m_B=5.6		6.0	0.43	
			LN	M_S=5.3		16.0	0.94	
			LE			16.0	0.98	
BTO	51.2	289	+iP	22 46 33.0	0.6			
			sP	22 46 48.0	2.0			
			eS	22 53 49.0	1.5			
			LN	M_S=5.5		18.0	2.50	
			LE			18.0	1.40	
NJ2	51.4	275	+P	22 46 33.4	0.0			
			PMZ	m_B=6.0		4.0	0.79	
			eS	22 53 50.0	0.7			
			LN	M_S=5.5		18.0	1.33	
			LE			18.0	1.90	
			LZ	M_S=5.0		16.0	1.18	
TIY	51.6	285	+iP	22 46 36.2	0.9			
			PMZ	m_B=6.0		5.0	1.07	

International Seismological Centre

			pP	22 46 45.0	0.1			
			sP	22 46 50.0	1.1			
			S	22 53 52.0	0.5			
			LE	M_S=5.7		21.0	4.56	
			LZ	M_S=5.5		20.0	4.26	
WHN	55.2	277	eP	22 47 01.2	−0.7			
			pP	22 47 12.0	0.3			
			sP	22 47 16.5	0.8			
			S	22 54 45.0	4.6			
			LN	M_S=5.5		16.0	1.80	
			LE			16.0	1.40	
			LZ	M_S=5.0		20.0	1.30	
XAN	56.2	284	iP	22 47 08.2	−0.7			
			LN	M_S=5.6		15.0	1.65	
			LE			16.0	1.94	
QZH	56.5	269	+P	22 47 11.0	−0.2			
			pP	22 47 20.0	−1.0			
			S	22 54 58.0	0.4			
			sS	22 55 21.0	6.0			
			LN	M_S=5.5		22.0	2.49	
			LZ	M_S=5.0		20.0	1.25	
LZH	57.8	289	P	22 47 21.0	0.2			
			PMZ	m_B=6.0		4.0	0.73	
			eS	22 55 14.0	−2.6			
			LN	M_S=6.1		19.0	2.70	
			LE			18.0	8.80	
			LZ	M_S=5.7		20.0	6.10	
GTA	57.9	294	+P	22 47 20.4	−1.1			
			PMZ	m_B=5.9		4.5	0.64	
			pP	22 47 29.0	−2.1			
			S	22 55 15.0	−1.4			
			sS	22 55 30.0	−3.9			
			LE	M_S=5.9		16.0	5.20	
			LZ	M_S=5.6		20.0	4.40	
GZH	61.1	271	eP	22 47 43.2	−0.2			
			LN	M_S=5.3		16.0	1.00	
CD2	61.5	285	iP	22 47 46.0	0.2			
			sP	22 48 01.0	1.5			
			eS	22 56 08.0	4.6			
			LE	M_S=5.7		18.0	2.83	
			LZ	M_S=5.4		19.0	2.49	
WMQ	61.5	305	iP	22 47 45.2	−0.6			
			S	22 56 05.0	2.9			
			LZ	M_S=5.6		20.0	4.17	
GYA	62.9	279	+iP	22 47 54.8	−0.4			
			PMZ	m_B=6.2		4.0	1.20	
			sP	22 48 09.0	0.1			
			S	22 56 23.0	3.4			
			LN	M_S=5.6		18.0	1.50	
			LE			18.0	2.10	
KMI	66.3	281	P	22 48 17.0	−0.3			
			PMZ	m_B=6.0		5.0	0.90	
			pP	22 48 29.0	2.1			
			sP	22 48 33.0	2.0			
			PP	22 50 44.0	−0.4			
			S	22 57 06.0	4.6			
			LN	M_S=5.6		18.0	2.00	
QZN	66.3	271	P	22 48 19.0	1.5			
			eS	22 57 04.0	0.5			
			sS	22 57 20.0	0.1			
			LN	M_S=5.5		17.0	0.90	
			LE			17.0	1.30	
LSA	69.8	292	+P	22 48 42.2	2.3			
			pP	22 48 52.2	3.0			
			LN	M_S=5.5		15.0	1.20	
KSH	70.6	309	eP	22 48 44.9	1.0			
			eS	22 57 54.0	−0.2			

JAN 9d 03h 15m 16.4 ± 0.15s, SD2.48 / 63
33.94 N ± 2.69km, 139.16 E ± 2.70km, h18 ± 0.82km (21)
South of Honshu
M_S4.9 / 27,

MDJ	13.0	328	eP	03 18 24.0	1.0			
			pP	03 18 29.0	0.7			
			S	03 20 43.0	−4.5			
			LE	M_S=4.6		16.0	3.03	
			LZ	M_S=4.1		20.0	1.47	
CN2	14.5	317	eP	03 18 46.0	2.8			
			sP	03 18 57.0	4.6			
			LE	M_S=4.8		11.0	2.70	
			LZ	M_S=4.7		11.0	2.80	
SNY	14.6	307	+P	03 18 48.8	4.5			
			LN	M_S=4.9		11.5	3.05	
			LE			11.0	0.74	
			LZ	M_S=4.0		12.0	0.60	
DL2	15.0	294	eP	03 18 54.0	5.0			
			LN	M_S=5.0		12.0	3.01	
			LE			12.0	3.00	
SSE	15.4	264	eP	03 18 52.0	−3.1			
			eSS	03 22 04.0	0.4			
			LN	M_S=4.9		12.0	2.78	
			LE			12.0	2.11	
			LZ	M_S=4.3		20.0	1.86	
NJ2	17.1	269	−P	03 19 21.6	4.6			
			LN	M_S=4.8		11.0	1.57	
			LE			11.0	0.78	
			LZ	M_S=4.8		12.0	2.73	
TIA	18.2	283	eP	03 19 29.0	−1.0			
			S	03 22 50.0	1.0			
			LN	M_S=5.6		13.0	3.25	
			LE			13.0	12.6	
			LZ	M_S=4.9		15.0	4.38	
BJI	19.3	295	eP	03 19 43.5	−0.2			
			esP	03 19 55.0	1.9			
			eS	03 23 20.0	4.6			
			LN	M_S=4.6		16.0	1.60	
			LZ	M_S=4.2		22.0	1.06	
WHN	21.2	268	eP	03 20 03.0	−1.2			
			pP	03 20 10.0	−0.5			
			LN	M_S=5.0		14.0	2.60	
			LE			14.0	1.60	
TIY	22.0	288	eP	03 20 14.0	2.4			
			S	03 24 12.0	4.3			
			LE	M_S=5.1		12.0	2.60	
BTO	24.1	295	eP	03 20 34.0	1.9			
			pP	03 20 42.0	3.6			
			eS	03 24 52.0	6.1			
			LN	M_S=4.9		13.0	1.20	
			LE			13.0	1.20	
			LZ	M_S=4.6		13.0	1.20	
GYA	29.0	264	eP	03 21 15.8	−1.9			
			sP	03 21 24.6	−2.7			
			S	03 26 03.0	−2.7			
			LN	M_S=5.2		12.0	0.91	
			LE			12.0	2.01	
CD2	29.9	274	P	03 21 27.6	1.3			
			eS	03 26 22.0	−0.1			
			LN	M_S=5.3		14.0	3.15	
			LZ	M_S=4.9		14.0	1.80	
QZN	30.0	248	eP	03 21 24.0	−2.9			
			eS	03 26 20.0	−3.2			
			LN	M_S=4.7		16.0	0.90	
GTA	31.8	291	eP	03 21 43.8	0.6			
			LE	M_S=5.1		12.5	1.48	
			LZ	M_S=4.9		16.0	1.80	
KMI	32.7	264	eP	03 21 49.0	−2.2			

International Seismological Centre

WMQ	40.7	300	P	03 23 02.0	3.9		
			eS	03 29 08.0	0.5		
			LZ	M_S=4.9		12.0	1.02

JAN 9d 03h 36m 29.4±0.15s, SD1.12/36
51.27 N±1.95km, 174.83 W±1.06km, h39±1.51km
Andreanof Islands (7)
m_b5.0/3,

MDJ	37.0	282	eP	03 43 36.5	−1.4		
CN2	40.0	283	+P	03 44 02.0	−0.6		
SNY	42.2	282	−iP	03 44 21.8	0.8		
BJI	47.8	285	eP	03 45 05.0	−0.7		
TIY	51.6	285	−P	03 45 35.2	0.9		
XAN	56.1	284	iP	03 46 07.5	−0.4		
LZH	57.8	289	eP	03 46 20.0	0.1		
			PMZ	m_b=4.9		1.5	0.022
GTA	57.9	294	eP	03 46 19.0	−1.7		
CD2	61.4	285	P	03 46 44.8	0.0		
WMQ	61.5	305	P	03 46 44.0	−1.2		
GYA	62.8	279	P	03 46 54.4	0.2		

JAN 9d 03h 57m 40.6±0.10s, SD1.49/36
8.79 S±1.56km, 156.75 E±3.47km, h5±0.71km
Solomon Islands (193)

WHN	56.4	316	eP	04 07 27.0	1.0
MDJ	58.5	338	+P	04 07 41.5	0.5
CN2	59.5	334	eP	04 07 47.2	−0.7
BJI	61.4	325	eP	04 08 01.0	0.6
TIY	62.1	321	eP	04 08 03.0	−2.2
BTO	65.3	322	eP	04 08 26.0	−0.6
LZH	66.8	315	eP	04 08 36.5	0.3
GTA	71.2	317	eP	04 09 02.8	−0.7
WMQ	81.3	317	P	04 10 03.0	2.7

JAN 9d 06h 51m 17.4±0.24s, SD0.97/33
51.40 N±1.76km, 174.69 W±1.01km, h38±1.99km
Andreanof Islands (7)

MDJ	37.1	282	eP	06 58 24.5	−1.9		
CN2	40.1	283	+P	06 58 49.8	−1.3		
SNY	42.3	282	−iP	06 59 10.2	0.7		
BJI	47.9	285	eP	06 59 54.0	−0.1		
SSE	50.6	272	eP	07 00 16.0	1.2		
BTO	51.2	289	eP	07 00 20.2	0.3		
TIY	51.6	285	−iP	07 00 23.0	0.2		
LZH	57.8	289	eP	07 01 08.0	−0.3		
GTA	57.9	294	eP	07 01 07.4	−1.5		
WMQ	61.5	305	P	07 01 32.3	−0.9		

JAN 9d 09h 46m 10.3±0.03s, SD1.21/5
37.97 N±0.28km, 101.79 E±0.20km, h13±0.08km
Qinghai Province (325)
M_L3.1/4,

GTA	2.1	313	Pn	09 46 45.4	−0.5		
			Sn	09 47 15.2	1.5		
			SMN	M_L=3.0		0.6	0.11
			SME			0.6	0.13

JAN 9d 10h 02m 27.9±0.12s, SD1.31/56
35.59 N±1.42km, 11.73 E±1.86km, h18±0.39km
Tunisia (397)
m_b5.2/1,

WMQ	57.1	57	P	10 12 16.0	−0.6
GTA	67.2	57	−iP	10 13 24.0	0.0
LZH	71.6	59	eP	10 13 51.5	0.4
BTO	73.4	52	eP	10 14 01.0	−0.5
HHC	74.2	51	eP	10 14 07.0	0.5
CD2	74.3	63	P	10 14 08.4	1.8
TIY	76.5	53	+P	10 14 19.4	−0.3
BJI	77.6	50	eP	10 14 25.0	−0.4
GYA	78.8	66	P	10 14 32.0	−0.4
CN2	80.7	42	−P	10 14 41.5	−0.7
SNY	80.9	45	+P	10 14 43.2	−0.2
MDJ	82.3	40	eP	10 14 48.0	−2.9

JAN 9d 10h 09m 57.2±0.10s, SD1.10/42
5.95 S±1.45km, 153.77 E±1.47km, h26±0.20km
New Britain region (192)

QZN	49.9	301	eP	10 18 52.0	1.1
WHN	52.4	316	eP	10 19 10.0	0.4
CN2	55.7	335	eP	10 19 36.9	2.4
GYA	55.9	307	P	10 19 35.4	−0.1
XAN	58.1	316	iP	10 19 50.8	−0.7
KMI	58.4	304	P	10 19 54.5	0.7
CD2	60.2	311	P	10 20 06.1	0.1
LZH	62.7	316	eP	10 20 22.5	−0.6
GTA	67.2	317	−iP	10 20 52.0	0.4

JAN 9d 10h 41m 40.8±0.23s, SD1.42/32
51.23 N±2.32km, 174.65 W±1.51km, h40±2.13km
Andreanof Islands (7)

MDJ	37.2	282	eP	10 48 49.0	−1.1
CN2	40.1	284	+P	10 49 13.6	−1.2
SNY	42.4	282	−iP	10 49 34.0	0.8
BJI	47.9	285	eP	10 50 17.5	−0.3
SSE	50.6	272	eP	10 50 40.5	2.3
TIY	51.7	285	P	10 50 46.2	−0.2
XAN	56.2	284	P	10 51 19.2	−0.8
GTA	58.0	294	eP	10 51 31.0	−1.7
GYA	62.9	279	P	10 52 05.6	−0.6

JAN 9d 11h 16m 56.0±0.07s, SD1.00/79
51.43 N±2.46km, 174.81 W±1.26km, h30±0.96km
Andreanof Islands (7)
M_S5.2/6, m_b5.5/3,

MDJ	37.0	282	+P	11 24 04.3	−1.0		
			eS	11 29 48.0	−0.8		
			LZ	M_S=4.7		20.0	1.18
CN2	40.0	283	+iP	11 24 29.6	−0.4		
			pP	11 24 36.6	−2.1		
			LE	M_S=5.2		20.0	2.00
			LZ	M_S=5.0		20.0	2.10
SNY	42.2	282	+iP	11 24 49.0	0.6		
			eS	11 31 07.5	0.6		
BJI	47.8	285	eP	11 25 33.0	0.0		
			eS	11 32 27.0	−0.1		
			LZ	M_S=4.9		20.0	1.20
TIA	49.6	280	−P	11 25 47.5	0.3		
HHC	50.1	288	P	11 25 52.0	1.3		
SSE	50.5	272	P	11 25 54.0	0.2		
			eS	11 33 05.0	0.3		
			sS	11 33 26.0	6.4		
			LZ	M_S=4.5		20.0	0.47
BTO	51.1	289	eP	11 25 59.6	0.8		
NJ2	51.3	275	−P	11 26 01.0	1.1		
TIY	51.5	285	+iP	11 26 02.4	0.7		
			PMZ	m_b=5.4		1.1	0.060
			pP	11 26 10.5	0.0		
			sP	11 26 15.0	0.8		
			eS	11 33 19.0	−0.2		
			LE	M_S=5.2		18.0	1.44
			LZ	M_S=4.8		20.0	1.00
WHN	55.1	277	eP	11 26 28.0	−0.4		
XAN	56.1	284	P	11 26 34.3	−1.0		
LZH	57.8	289	eP	11 26 47.5	0.2		
			LZ	M_S=5.0		20.0	1.30
GTA	57.8	294	+iP	11 26 46.9	−1.0		

			LE		$M_S=5.3$		16.5	1.34
			LZ		$M_S=5.0$		20.0	1.26
WMQ	61.4	305	P	11 27 12.0		−0.2		
			S	11 35 25.0		−3.5		
			LZ		$M_S=5.1$		16.0	1.20
CD2	61.4	285	P	11 27 12.4		0.1		
GYA	62.8	279	P	11 27 21.0		−0.7		
KMI	66.2	281	P	11 27 44.0		0.2		
LSA	69.8	292	+P	11 28 08.5		2.1		

JAN 9d 11h 52m 58.6 ± 0.29s, SD1.29 / 33
51.40 N ± 2.09km, 174.85 W ± 1.25km, h32 ± 2.44km
Andreanof Islands (7)

MDJ	37.0	282	eP	12 00 06.0	−1.4	
CN2	40.0	283	eP	12 00 31.4	−0.7	
SNY	42.2	282	−iP	12 00 51.7	1.1	
BJI	47.8	285	eP	12 01 35.5	0.3	
HHC	50.0	288	eP	12 01 53.5	0.6	
TIY	51.5	285	+P	12 02 04.1	0.2	
XAN	56.1	284	P	12 02 36.3	−1.2	
LZH	57.7	289	eP	12 02 49.5	0.0	
GTA	57.8	294	eP	12 02 46.4	−3.8	
CD2	61.4	285	eP	12 03 14.2	−0.3	
GYA	62.8	279	P	12 03 24.0	0.1	

JAN 9d 12h 09m 22.9 ± 0.20s, SD1.46 / 16
51.41 N ± 0.97km, 174.71 W ± 0.74km, h53 ± 1.56km
Andreanof Islands (7)

CN2	40.0	283	eP	12 16 52.6	−2.4	
SNY	42.3	282	−P	12 17 13.5	0.1	
BJI	47.9	285	eP	12 17 57.0	−0.9	
TIY	51.6	285	−P	12 18 26.4	−0.2	
GTA	57.9	294	eP	12 19 10.4	−2.3	

JAN 9d 13h 42m 34.5 ± 0.09s, SD1.10 / 94
47.05 N ± 2.10km, 153.63 E ± 1.73km, h14 ± 0.37km
Kurile Islands (221)
M_S6.7 / 52, m_B6.6 / 35, m_b5.6 / 6,

MDJ	16.9	271	P	13 46 32.0		−0.6		
			pP	13 46 38.0		0.3		
			iS	13 49 35.0		−4.5		
			SS	13 49 56.0		−3.3		
			LE		$M_S=6.5$		18.0	156
			LZ		$M_S=5.7$		20.0	41.3
CN2	20.0	271	+P	13 47 08.0		−1.8		
			PMZ		$m_B=6.5$		6.0	12.5
			sP	13 47 22.0		3.1		
			eS	13 50 46.0		−3.1		
			LE		$M_S=6.5$		14.0	106
			LZ		$M_S=6.6$		16.0	204
SNY	22.0	267	+iP	13 47 29.0		−1.3		
			PMZ				17.0	35.2
			iS	13 51 32.0		4.2		
			SMN				19.0	49.9
			SME				19.0	24.7
			LN		$M_S=6.7$		16.0	107
			LE				15.0	105
			LZ		$M_S=6.2$		21.0	86.4
DL2	24.7	262	+iP	13 47 57.0		0.7		
			S	13 52 07.0		−6.9		
			LN		$M_S=6.5$		14.0	60.3
			LE				14.0	23.3
BJI	27.8	269	eP	13 48 25.5		−0.3		
			PMZ		$m_B=6.6$		9.0	12.4
			ePP	13 49 20.0		5.7		
			eS	13 53 08.0		1.0		
			eScS	13 59 15.0		3.9		
			LE		$M_S=7.0$		16.0	196
TIA	29.1	261	eP	13 48 37.4		0.1		
			PMZ		$m_B=6.5$		11.0	9.37
			S	13 53 27.0		0.3		
			SMN				18.0	36.8
			SME				15.0	27.9
			ScS	13 59 20.9		3.9		
			LN		$M_S=6.6$		14.0	16.1
			LE				15.0	65.4
			LZ		$M_S=6.2$		15.0	42.1
SSE	29.5	249	+P	13 48 40.0		−1.1		
			PMZ		$m_B=6.6$		12.0	13.5
			PP	13 49 34.0		−2.4		
			S	13 53 28.0		−5.5		
			sS	13 53 40.0		−4.5		
			ScP	13 55 20.0		−5.7		
			PcS	13 55 28.0		0.5		
			LN		$M_S=6.2$		14.0	28.3
			LZ		$M_S=6.1$		18.0	41.7
NJ2	30.4	253	+P	13 48 48.8		−0.2		
			PMZ		$m_B=6.5$		6.5	5.73
			S	13 53 49.0		1.5		
			LN		$M_S=6.7$		15.0	65.3
			LE				15.0	55.7
HHC	30.6	274	P	13 48 50.8		−0.2		
			pP	13 48 56.0		−0.9		
			S	13 53 50.0		−0.7		
			SMN		$m_B=6.5$		11.0	11.8
			LE		$M_S=6.7$		16.0	89.6
			LZ		$M_S=6.6$		20.0	145
TIY	31.5	268	+P	13 48 58.7		0.0		
			PMZ		$m_B=6.6$		9.0	10.1
			PP	13 50 02.5		0.4		
			S	13 54 02.0		−2.6		
			sS	13 54 21.0		5.2		
			LN		$M_S=6.6$		14.0	60.8
			LZ		$M_S=6.6$		16.0	107
BTO	31.8	274	+P	13 49 01.5		0.3		
			sP	13 49 11.5		1.3		
			S	13 54 10.0		1.0		
			LN		$M_S=6.7$		16.0	63.3
			LE				16.0	39.7
			LZ		$M_S=6.6$		16.0	96.7
WHN	34.3	255	P	13 49 22.5		−0.8		
			PMZ		$m_B=6.7$		6.0	6.80
			pP	13 49 30.0		0.5		
			iS	13 54 54.0		4.4		
			ScS	13 59 47.5		4.4		
			SMN				14.0	14.9
			SME				12.0	14.4
			LN		$M_S=6.8$		13.0	29.4
			LE				13.0	59.4
QZH	35.5	244	eP	13 49 32.0		−1.0		
			PMZ		$m_B=6.6$		10.0	10.8
			PP	13 50 52.0		−0.5		
			S	13 55 04.0		−2.3		
			SMN		$m_B=6.9$		8.0	16.2
			SME				8.0	13.2
			LE		$M_S=6.4$		14.0	31.1
			LZ		$M_S=6.2$		16.0	31.8
XAN	35.9	265	iP	13 49 36.0		−0.6		
			PMZ		$m_B=6.6$		10.0	10.7
			PP	13 51 02.8		5.5		
			S	13 55 18.8		6.1		
			LN		$M_S=7.0$		16.0	98.0
			LE				16.0	91.3
LZH	38.2	272	P	13 49 57.0		0.6		
			PMZ		$m_B=7.0$		4.0	11.0
			PP	13 51 24.0		−2.4		

International Seismological Centre

International Seismological Centre

			S	13 55 53.0	4.6				
			SME			14.0	11.8		
			LN	$M_S = 6.8$		15.0	45.7		
			LE			15.0	57.9		
GTA	39.3	279	+P	13 50 05.0	0.0				
			PP	13 51 42.0	3.3				
			S	13 56 06.0	1.8				
			sS	13 56 21.0	5.5				
			SS	13 58 56.0	6.4				
			LE	$M_S = 6.9$		13.5	76.7		
			LZ	$M_S = 6.8$		14.0	111		
GZH	40.1	248	eP	13 50 12.2	0.4				
			PP	13 51 46.5	−1.2				
			LN	$M_S = 6.7$		16.0	40.0		
			LE			18.0	50.2		
			LZ	$M_S = 6.4$		18.0	44.1		
CD2	41.3	265	P	13 50 21.6	0.3				
			S	13 56 35.0	1.2				
			LN	$M_S = 6.9$		15.0	72.4		
			LZ	$M_S = 6.4$		16.0	38.7		
GYA	42.1	258	P	13 50 28.0	−0.5				
			PMZ	$m_B = 6.8$		4.0	7.05		
			PP	13 52 12.0	3.2				
			S	13 56 48.0	1.4				
			ScS	14 00 25.0	−2.4				
			LN	$M_S = 6.8$		16.0	49.7		
			LE			16.0	31.7		
			LZ	$M_S = 6.3$		18.0	38.0		
WMQ	45.1	291	P	13 50 53.0	0.0				
			PMZ	$m_B = 6.6$		10.0	8.66		
			PP	13 52 40.0	1.3				
			LE	$M_S = 6.8$		16.0	52.3		
			LZ	$M_S = 6.2$		26.0	37.5		
QZN	45.3	247	eP	13 50 54.0	−0.1				
			PMZ	$m_B = 6.6$		9.0	9.40		
			S	13 57 31.0	−1.6				
			sS	13 57 48.0	3.9				
			LN	$M_S = 6.7$		13.0	17.7		
			LE			14.0	31.9		
KMI	45.6	260	P	13 50 57.0	−0.1				
			PMZ	$m_B = 6.8$		8.0	11.9		
			iS	13 57 42.0	2.8				
			SMN	$m_B = 6.9$		10.0	16.8		
			LN	$M_S = 6.6$		16.0	37.2		
LSA	50.6	273	+P	13 51 37.8	1.8				
			PMZ	$m_B = 6.5$		9.0	6.20		
			PP	13 53 34.0	2.5				
			sS	13 58 58.0	−1.2				
			LE	$M_S = 6.5$		15.0	24.6		
KSH	54.9	293	P	13 52 09.0	1.3				
			PMZ	$m_B = 6.5$		10.0	7.20		
			PP	13 54 16.0	5.0				
			eS	13 59 47.0	−0.4				
			LN	$M_S = 7.2$		16.0	93.1		

JAN 9d 13h 55m 12.2 ± 0.06s, SD1.05 / 68
46.92 N ± 1.86km, 153.67 E ± 1.41km, h34 ± 0.61km
Kurile Islands (221)
m_b5.5 / 3,

MDJ	16.9	271	eP	13 59 08.5	0.0				
CN2	20.0	271	P	13 59 44.0	−1.3				
SNY	22.0	268	+P	14 00 04.6	−1.1				
DL2	24.7	263	eP	14 00 32.6	1.1				
BJI	27.9	269	eP	14 01 01.0	−0.2				
SSE	29.5	249	−P	14 01 15.5	−0.4				
			pP	14 01 26.0	0.7				
NJ2	30.4	253	+P	14 01 23.6	−0.3				
HHC	30.7	274	P	14 01 26.5	0.2				
TIY	31.5	268	+P	14 01 34.4	0.4				
			PMZ	$m_b = 5.5$				9.9	0.070
BTO	31.8	275	eP	14 01 38.0	1.4				
WHN	34.3	256	P	14 01 57.0	−1.2				
LZH	38.3	272	eP	14 02 31.5	−0.1				
			PMZ	$m_b = 5.8$				2.0	0.33
GTA	39.3	279	eP	14 02 40.4	0.1				
GZH	40.1	248	eP	14 02 46.0	−0.5				
CD2	41.3	265	iP	14 02 57.2	0.8				
GYA	42.1	258	P	14 03 03.4	−0.1				
			pP	14 03 11.0	−1.8				
			S	14 09 20.2	0.4				
WMQ	45.2	291	iP	14 03 28.8	0.3				
QZN	45.3	247	P	14 03 30.0	1.2				
KMI	45.6	260	P	14 03 32.0	−0.1				
LSA	50.6	273	+P	14 04 13.0	1.8				

JAN 9d 14h 17m 25.9 ± 0.08s, SD1.57 / 35
46.85 N ± 2.66km, 153.80 E ± 1.78km, h32 ± 0.55km
Kurile Islands (221)

MDJ	17.0	271	eP	14 21 21.5	−1.9				
CN2	20.1	272	eP	14 21 59.4	−0.6				
SNY	22.1	268	eP	14 22 19.4	−0.9				
BJI	27.9	270	eP	14 23 16.0	0.2				
SSE	29.6	249	eP	14 23 25.0	−5.3				
HHC	30.8	274	eP	14 23 40.8	−0.2				
TIY	31.6	268	P	14 23 49.0	0.4				
XAN	36.0	266	P	14 24 25.9	−0.3				
GTA	39.4	279	eP	14 24 56.0	1.0				
CD2	41.4	266	eP	14 25 11.6	0.6				
GYA	42.2	258	P	14 25 18.2	0.3				

JAN 9d 15h 01m 43.4 ± 0.10s, SD1.80 / 29
47.07 N ± 3.58km, 153.35 E ± 2.37km, h40 ± 1.26km
Kurile Islands (221)

MDJ	16.7	270	eP	15 05 38.0	1.5				
CN2	19.8	271	eP	15 06 14.0	0.5				
SNY	21.8	267	eP	15 06 32.6	−1.6				
TIY	31.3	268	−P	15 08 02.4	−0.3				
WHN	34.2	255	eP	15 08 26.5	−0.8				
XAN	35.7	265	iP	15 08 39.8	−0.7				
CD2	41.1	265	eP	15 09 30.6	5.3				
GYA	41.9	257	P	15 09 31.0	−1.5				
LSA	50.4	273	P	15 10 40.6	0.6				

JAN 9d 15h 05m 16.5 ± 0.07s, SD1.88 / 19
42.72 N ± 0.93km, 88.45 E ± 0.68km, h15 ± 0.21km
Northern Xinjiang Province (332)
M_L4.2 / 6,

WMQ	1.2	334	Pg	15 05 39.7	1.4				
			Sg	15 05 55.7	0.8				
GTA	9.2	107	P	15 07 31.1	−1.0				
			SMN					0.6	0.15
			SME					0.6	0.10

JAN 9d 15h 05m 44.5 ± 0.10s, SD2.35 / 14
47.76 N ± 2.85km, 152.47 E ± 1.96km, h40 ± 0.49km
Kurile Islands (221)

CN2	19.2	268	eP	15 10 08.0	−0.2
SNY	21.3	265	eP	15 10 29.6	−0.2
GYA	41.5	256	P	15 13 27.6	−2.6

JAN 9d 15h 10m 17.7 ± 0.07s, SD2.74 / 6
42.45 N ± 0.74km, 88.13 E ± 0.50km, h12 ± 0.23km
Southern Xinjiang Province (321)
M_L3.8 / 5,

WMQ	1.4	347	Pg	15 10 42.0	−0.5
			Sg	15 10 58.5	−3.0

International Seismological Centre

JAN 9d 15h 14m 55.5 ± 0.09s, SD1.34 / 50
46.78 N ± 2.53km, 153.84 E ± 1.54km, h36 ± 1.40km
Kurile Islands (221)

MDJ	17.1	272	eP	15 18 52.2	−1.0		
CN2	20.2	272	eP	15 19 27.6	−2.1		
SNY	22.1	268	eP	15 19 49.0	−0.9		
BJI	28.0	270	eP	15 20 45.0	−0.4		
HHC	30.8	274	eP	15 21 10.2	−0.4		
TIY	31.6	269	eP	15 21 18.2	0.1		
BTO	32.0	275	eP	15 21 20.0	−0.9		
WHN	34.4	256	eP	15 21 41.5	−0.5		
XAN	36.0	266	iP	15 21 56.3	0.6		
LZH	38.4	272	eP	15 22 16.0	0.3		
GTA	39.5	279	eP	15 22 25.0	0.4		
CD2	41.4	266	P	15 22 40.5	0.1		
GYA	42.2	258	P	15 23 15.5	0.1		
KMI	45.7	260	P	15 23 15.5	−0.4		
LSA	50.8	274	P	15 23 56.4	1.2		

JAN 9d 15h 24m 32.4 ± 0.08s, SD1.52 / 45
46.79 N ± 2.63km, 153.71 E ± 1.79km, h31 ± 1.19km
Kurile Islands (221)

MDJ	17.0	271	eP	15 28 29.3	0.0		
CN2	20.1	272	eP	15 29 05.0	−1.1		
SNY	22.0	268	+P	15 29 26.8	0.4		
BJI	27.9	270	eP	15 30 22.5	0.6		
HHC	30.7	274	eP	15 30 46.8	−0.4		
TIY	31.6	268	eP	15 30 54.5	−0.2		
BTO	31.9	275	eP	15 30 52.8	−4.7		
WHN	34.3	256	eP	15 31 17.8	−0.9		
XAN	35.9	266	iP	15 31 32.4	0.0		
LZH	38.3	272	eP	15 31 53.0	0.6		
CD2	41.3	266	P	15 32 18.2	1.1		
GYA	42.1	258	P	15 32 23.6	−0.4		
WMQ	45.3	291	P	15 32 49.5	−0.1		

JAN 9d 15h 33m 34.2 ± 0.07s, SD1.14 / 27
7.25 N ± 1.15km, 123.74 E ± 1.37km, h620 ± 0.83km
Mindanao (259)

WHN	24.8	340	eP	15 38 11.8	0.1		
XAN	30.0	335	iP	15 38 55.9	−0.6		
TIY	32.0	343	P	15 39 13.6	−0.2		
BJI	33.3	349	eP	15 39 24.0	−0.8		
LZH	34.0	330	eP	15 39 31.0	0.6		
CN2	36.4	2	eP	15 39 48.6	−1.8		
WMQ	48.1	325	P	15 41 22.8	0.6		

JAN 9d 18h 17m 40.2 ± 0.07s, SD0.96 / 22
5.26 S ± 0.61km, 151.27 E ± 0.92km, h121 ± 0.34km
New Britain region (192)

SSE	46.2	323	eP	18 25 57.3	2.3		
			pP	18 26 22.5	0.1		
XAN	55.9	318	P	18 27 08.3	−0.2		
TIY	56.0	323	P	18 27 09.0	0.1		

JAN 9d 18h 51m 15.8 ± 0.10s, SD2.85 / 8
42.08 N ± 1.36km, 85.68 E ± 0.75km, h5 ± 0.32km
Southern Xinjiang Province (321)
M_L3.0 / 6,

WMQ	2.3	40	Pn	18 51 55.0	0.5		
			Sn	18 52 25.0	0.2		
			SMN	M_L = 3.1		0.3	0.10
			SME			0.3	0.15

JAN 9d 20h 05m 42.2 ± 0.26s, SD1.48 / 25
20.37 S ± 5.03km, 178.60 W ± 2.69km, h528 ± 1.05km
Fiji region (181)

CN2	81.8	323	−P	20 17 07.9	0.1		
BJI	85.4	316	eP	20 17 25.0	−0.4		
TIY	86.8	312	+P	20 17 32.8	0.8		
XAN	87.6	308	iP	20 17 36.8	0.9		
GTA	96.5	310	eP	20 18 15.6	−1.1		

JAN 9d 23h 04m 17.0 ± 0.12s, SD1.00 / 64
51.32 N ± 2.36km, 174.86 W ± 1.25km, h33 ± 1.38km
Andreanof Islands (7)
m_b5.3 / 3,

MDJ	37.0	282	eP	23 11 24.5	−1.3		
CN2	40.0	283	+P	23 11 49.4	−1.1		
SNY	42.2	282	−P	23 12 09.8	0.9		
BJI	47.8	285	eP	23 12 53.5	−0.1		
TIA	49.6	280	eP	23 13 07.7	0.0		
HHC	50.1	288	+P	23 13 11.4	0.1		
SSE	50.5	272	P	23 13 15.5	1.3		
BTO	51.1	289	eP	23 13 20.0	0.6		
NJ2	51.3	275	+P	23 13 20.3	0.0		
TIY	51.5	285	+P	23 13 22.8	0.5		
			PMZ	m_b = 5.7		1.1	0.12
			LZ	M_S = 4.6		16.0	0.48
WHN	55.1	277	eP	23 13 48.0	−0.8		
LZH	57.8	289	eP	23 14 07.5	−0.4		
GTA	57.9	294	eP	23 14 07.2	−1.4		
WMQ	61.4	305	P	23 14 32.0	−1.0		
GYA	62.8	279	P	23 14 42.0	−0.2		
KMI	66.2	281	P	23 15 04.5	0.2		
LSA	69.8	292	eP	23 15 28.8	1.8		

JAN 9d 23h 26m 05.6 ± 0.12s, SD1.22 / 13
51.20 N ± 0.83km, 174.85 W ± 0.74km, h45 ± 1.13km
Andreanof Islands (7)

CN2	40.0	283	eP	23 33 36.8	−1.4		
SNY	42.2	282	eP	23 33 57.0	0.4		
BTO	51.2	289	eP	23 35 07.8	0.6		
TIY	51.6	285	P	23 35 10.0	0.1		
GTA	57.9	294	eP	23 35 54.4	−1.9		

JAN 10d 05h 54m 57.9 ± 0.11s, SD1.09 / 97
3.03 S ± 1.62km, 130.63 E ± 1.47km, h21 ± 0.13km
Seram (272)
M_S6.5 / 55, m_B6.3 / 32, m_b5.7 / 7,

QZN	30.0	318	eP	06 01 07.0	−0.5		
			sP	06 01 16.0	−2.1		
			S	06 06 02.5	0.3		
			SMN	m_B = 6.8		10.0	15.9
			SME			9.0	11.9
			LN	M_S = 6.7		14.0	64.5
			LE			15.0	35.5
QZH	30.2	338	eP	06 01 09.0	−0.1		
			sP	06 01 19.0	−0.7		
			iS	06 06 05.5	−0.5		
			SME	m_B = 6.4		10.0	7.94
			LN	M_S = 6.4		14.0	38.5
			LZ	M_S = 6.0		24.0	40.5
GZH	31.0	328	eP	06 01 15.4	−0.7		
			S	06 06 18.0	0.4		
			LN	M_S = 6.7		15.0	76.5
			LE			14.0	30.4
			LZ	M_S = 6.2		32.0	76.2
SSE	35.1	346	P	06 01 52.0	−0.2		
			PMZ	m_B = 6.0		9.0	2.38
			pP	06 01 57.0	−2.5		
			PP	06 03 08.0	−2.6		
			S	06 07 20.0	−2.3		
			SS	06 09 36.0	−2.4		
			LN	M_S = 6.5		14.0	14.8

International Seismological Centre

			LE				14.0	31.2
			LZ		$M_S=6.0$		20.0	29.3
NJ2	36.6	343	−P	06 02 06.0		0.8		
			PMZ		$m_B=6.1$		12.0	4.23
			iS	06 07 46.0		−0.8		
			LN		$M_S=6.4$		14.0	17.5
			LE				13.0	23.7
WHN	36.8	336	P	06 02 07.5		0.7		
			PMZ		$m_B=6.2$		6.0	2.40
			pP	06 02 13.0		−1.0		
			iS	06 07 51.0		1.3		
			SMN		$m_B=6.8$		10.0	11.2
			SME				10.0	16.0
			LN		$M_S=6.3$		16.0	23.6
			LZ		$M_S=6.3$		24.0	56.6
GYA	37.4	323	P	06 02 11.8		0.3		
			PP	06 03 37.0		−1.7		
			S	06 07 52.0		−5.0		
			LN		$M_S=6.5$		14.0	30.3
			LE				14.0	18.3
			LZ		$M_S=5.7$		30.0	18.3
KMI	38.9	318	+P	06 02 25.0		0.4		
			LE		$M_S=6.6$		16.0	41.3
TIA	41.0	343	−P	06 02 42.3		0.5		
			PMZ		$m_B=5.9$		11.0	2.44
			LN		$M_S=6.4$		17.0	11.3
			LE				16.0	25.2
			LZ		$M_S=6.2$		22.0	35.2
XAN	42.2	333	iP	06 02 50.8		−0.4		
			PMZ		$m_B=6.2$		10.0	3.69
			LN		$M_S=6.8$		15.0	43.4
			LE				16.0	40.8
CD2	42.4	325	P	06 02 52.2		−0.7		
			iS	06 09 10.0		−3.1		
			sS	06 09 25.0		−0.1		
			LN		$M_S=6.6$		12.0	30.3
			LZ		$M_S=6.2$		16.0	25.4
DL2	42.5	350	+iP	06 02 54.5		0.2		
			S	06 09 11.0		−3.6		
			LN		$M_S=6.5$		18.0	39.6
TIY	43.9	339	−iP	06 03 06.0		0.5		
			PMZ				14.0	5.24
			sP	06 03 17.0		1.0		
			S	06 09 34.0		−0.5		
			sS	06 09 48.0		0.3		
			LN		$M_S=6.4$		15.0	24.3
			LZ		$M_S=6.2$		28.0	43.8
BJI	44.9	344	eP	06 03 12.5		−0.5		
			PMZ		$m_B=6.1$		11.0	3.60
			S	06 09 48.0		−0.3		
			LN		$M_S=6.4$		14.0	19.7
SNY	45.1	353	+iP	06 03 14.6		−0.4		
			PMZ				14.0	7.80
			S	06 09 51.5		−0.2		
			LN		$M_S=6.7$		18.0	42.4
			LE				16.0	29.4
LZH	46.3	330	eP	06 03 24.0		−0.4		
			PMZ		$m_b=6.3$		2.0	0.88
			sP	06 03 35.5		0.7		
			S	06 10 10.0		1.7		
			SMN				14.0	15.5
			SS	06 13 22.0		−4.4		
			LN		$M_S=6.8$		22.0	58.8
			LE				22.0	48.8
			LZ		$M_S=6.3$		32.0	53.3
CN2	46.8	355	−P	06 03 28.0		−0.8		
			PMZ		$m_B=6.2$		9.0	3.00
			sP	06 03 38.0		−1.4		
			PP	06 05 20.0		1.9		
			S	06 10 14.0		−2.6		
			SME		$m_B=6.6$		12.0	10.4
			LE		$M_S=6.4$		16.0	21.5
			LZ		$M_S=6.5$		20.0	51.4
HHC	47.0	340	iP	06 03 30.0		−0.2		
			PP	06 05 16.0		−3.7		
			S	06 10 20.0		1.1		
			LN		$M_S=6.4$		15.0	20.7
			LZ		$M_S=6.1$		14.0	15.2
BTO	47.3	339	−iP	06 03 32.5		−0.2		
			LE		$M_S=6.3$		13.0	13.7
			LZ		$M_S=6.0$		13.0	10.7
MDJ	47.4	359	+P	06 03 33.0		−0.5		
			pP	06 03 38.0		−2.8		
			iS	06 10 28.0		1.9		
			LN		$M_S=6.4$		21.0	27.7
			LZ		$M_S=6.0$		40.0	32.0
LSA	49.9	314	P	06 03 52.7		0.1		
			S	06 11 00.0		1.2		
			SMN		$m_B=6.8$		10.0	9.10
			SME				9.0	6.30
GTA	50.9	329	+P	06 03 59.0		−1.0		
			PMZ		$m_B=6.3$		4.0	1.53
			pP	06 04 04.0		−3.1		
			sP	06 04 08.0		−2.3		
			S	06 11 13.5		0.8		
			sS	06 11 25.0		−1.1		
			ScS	06 13 42.0		−3.4		
			LE		$M_S=6.5$		15.0	24.1
			LZ		$M_S=6.3$		23.0	36.3
WMQ	60.5	325	P	06 05 08.0		−1.1		
			PMZ		$m_B=6.4$		4.0	1.81
			S	06 13 19.5		−1.1		
			SME		$m_B=6.8$		10.0	10.8
			ScS	06 14 50.0		−3.9		
			LE		$M_S=6.6$		15.0	23.0
			LZ		$M_S=6.2$		24.0	24.0
KSH	65.6	316	+iP	06 05 42.0		−1.3		
			sP	06 05 51.0		−2.8		
			S	06 14 28.0		3.0		
			SME		$m_B=6.8$		10.0	10.7
			LE		$M_S=6.6$		13.0	14.3

JAN 10d 06h 14m 43.2 ± 0.07s, SD0.81 / 20
2.95 S ± 0.87km, 130.61 E ± 0.95km, h35 ± 0.20km
Seram (272)

WHN	36.7	336	P	06 21 50.5	1.0		
GYA	37.3	323	P	06 21 54.6	0.3		
TIY	43.8	339	+P	06 22 48.0	−0.3		
BJI	44.8	344	eP	06 22 55.5	−0.3		
LZH	46.2	330	eP	06 23 07.0	−0.2		
CN2	46.8	355	eP	06 23 11.0	−0.6		
GTA	50.8	329	eP	06 23 42.8	0.0		

JAN 10d 12h 08m 47.5 ± 0.12s, SD3.13 / 9
35.99 N ± 0.43km, 81.10 E ± 1.11km, h17 ± 1.70km
Kashmir–Tibet border region (304)
M_L4.0 / 5,

KSH	5.4	312	ePn	12 10 10.0	2.1		
			Pg	12 10 21.5	−1.4		
			eSn	12 11 11.7	0.0		
			Sg	12 11 30.0	−6.9		
			SMN	$M_L=4.2$		0.5	0.20
			SME			0.5	0.30

JAN 10d 15h 55m 14.4 ± 0.10s, SD1.87 / 29
23.91 N ± 0.88km, 103.12 E ± 0.84km, h11 ± 0.27km

Yunnan Province (318)
M_S4.1 / 4, M_L3.8 / 5,

KMI	1.3	344	iPg	15 55 37.0	0.1		
			Sg	15 55 52.0	−1.8		
			SMN	M_L=3.8		1.5	1.60
			LE			4.0	10.5
GYA	4.1	51	Pn	15 56 19.0	1.6		
			Sn	15 57 08.0	0.9		
			SMN	M_L=3.8		0.8	0.24
			SME			0.8	0.18
			LN	M_S=4.1		6.0	1.92
			LE			6.0	1.50
QZN	7.9	127	eP	15 57 12.4	−0.1		
			eS	15 58 47.0	4.1		
GZH	9.4	93	eP	15 57 34.8	1.6		
			SMN			1.4	0.30
			SME			1.2	0.20
			LN	M_S=4.7		7.0	2.63
XAN	11.3	25	P	15 57 57.6	−1.5		
WHN	12.0	54	P	15 58 11.0	2.8		
			sP	15 58 17.0	0.8		
			eS	16 00 27.0	4.2		
			LE	M_S=4.1		6.0	0.40
GTA	15.7	350	P	15 59 00.0	2.3		
TIY	15.9	28	eP	15 58 56.6	−3.5		
			LN	M_S=4.1		10.0	0.36
			LZ	M_S=4.2		12.0	0.72

JAN 10d 18h 22m 08.6 ± 0.07s, SD1.18 / 28
3.20 S ± 0.83km, 130.60 E ± 1.08km, h52 ± 0.55km
Seram (272)

GYA	37.5	323	P	18 29 19.8	0.2
XAN	42.3	333	P	18 29 59.0	−0.5
TIY	44.1	339	+iP	18 30 13.8	0.0
BJI	45.0	344	eP	18 30 21.0	−0.4
LZH	46.4	330	eP	18 30 34.0	1.5
CN2	47.0	355	eP	18 30 37.5	0.3
GTA	51.0	329	eP	18 31 08.0	0.0
WMQ	60.6	326	P	18 32 17.0	0.1

JAN 10d 23h 13m 06.4 ± 0.11s, SD1.97 / 14
8.00 S ± 1.95km, 116.60 E ± 1.44km, h287 ± 0.99km
Sumbawa region (285)

GYA	35.6	345	P	23 19 40.2	1.1
BJI	47.8	360	eP	23 21 16.5	−1.1
GTA	49.7	343	+iP	23 21 32.6	0.6

JAN 11d 01h 49m 40.0 ± 0.12s, SD2.28 / 9
22.10 N ± 1.78km, 121.24 E ± 2.10km, h21 ± 1.65km
Taiwan region (243)
M_L3.5 / 10,

QZH	3.7	320	ePn	01 50 37.8	0.9		
			Sn	01 51 19.8	−2.4		
			SMN	M_L=3.2		0.4	0.070
			SME			0.4	0.040

JAN 11d 04h 18m 28.3 ± 0.09s, SD3.05 / 7
21.82 N ± 0.85km, 112.41 E ± 0.66km, h26 ± 0.39km
Eastern China (664)
M_L3.6 / 7,

GZH	1.5	34	Pg	04 18 51.0	−4.7		
			Sg	04 19 10.0	−6.9		
			SMN	M_L=3.6		0.4	0.90
			SME			0.4	0.75
QZN	3.7	221	Pn	04 19 24.6	0.7		
			Pg	04 19 37.3	4.0		
			Sn	04 20 06.4	−1.7		
			Sg	04 20 25.0	1.4		
GYA	7.0	313	Pg	04 20 32.0	−0.1		
			Sn	04 21 34.6	4.3		
			SMN	M_L=3.6		1.0	0.030
			SME			1.0	0.030

JAN 11d 09h 47m 05.5 ± 0.08s, SD0.79 / 28
4.39 S ± 0.88km, 102.37 E ± 1.19km, h95 ± 0.99km
Southern Sumatera (274)

CD2	35.1	2	eP	09 53 51.3	−0.8		
WHN	36.6	17	P	09 54 05.2	0.9		
XAN	38.7	9	P	09 54 21.0	−1.2		
LZH	40.3	2	eP	09 54 36.0	0.6		
TIY	42.9	12	eP	09 54 56.8	−0.1		
GTA	43.6	357	P	09 55 02.4	−0.4		
HHC	45.8	10	P	09 55 20.8	0.8		
BJI	46.0	15	eP	09 55 21.0	−0.4		
WMQ	49.8	346	P	09 55 51.0	0.1		
CN2	52.3	21	eP	09 56 08.8	−1.0		

JAN 11d 12h 18m 18.1 ± 0.10s, SD1.13 / 31
0.14 S ± 1.22km, 124.59 E ± 1.61km, h63 ± 0.52km
Molucca Sea (269)

QZN	23.9	324	eP	12 23 28.6	1.2		
WHN	32.0	343	eP	12 24 41.5	0.3		
CD2	36.7	329	eP	12 25 21.2	0.1		
XAN	37.0	338	P	12 25 23.4	−0.8		
BJI	40.7	350	eP	12 25 55.0	0.3		
MDJ	44.8	5	eP	12 26 28.0	0.2		
GTA	45.4	333	eP	12 26 31.8	−1.3		
WMQ	54.7	328	P	12 27 42.2	−1.9		

JAN 11d 13h 30m 06.9 ± 0.08s, SD1.18 / 92
46.72 N ± 2.29km, 153.73 E ± 1.56km, h30 ± 0.35km
Kurile Islands (221)
M_S5.4 / 42, m_B5.6 / 13,

MDJ	17.0	272	+P	13 34 02.5	−1.6		
			pP	13 34 10.0	−1.2		
			sP	13 34 15.0	−0.6		
			S	13 37 16.0	5.7		
			SS	13 37 28.0	−3.1		
			LZ	M_S=5.3		16.0	11.8
CN2	20.1	272	eP	13 34 40.5	−0.5		
			sP	13 34 51.0	−2.1		
			eS	13 38 21.0	0.8		
			LN	M_S=5.3		16.0	6.30
			LZ	M_S=5.2		16.0	8.00
SNY	22.1	268	+P	13 35 00.0	−1.2		
			PMZ	m_B=5.3		12.0	1.87
			pP	13 35 07.0	−2.5		
			eS	13 39 00.0	2.0		
			SMN			18.0	2.25
			SME			18.0	1.81
			LN	M_S=5.2		14.0	2.68
			LE			16.0	3.70
			LZ	M_S=5.2		17.0	7.67
DL2	24.7	263	+P	13 35 27.0	0.2		
			eS	13 39 44.0	−0.1		
			LN	M_S=5.0		13.0	1.95
BJI	27.9	270	eP	13 35 56.0	−0.7		
			PMZ	m_B=5.5		8.0	0.88
			eS	13 40 40.0	3.0		
			LE	M_S=5.4		16.0	5.60
			LZ	M_S=5.4		16.0	7.30
TIA	29.1	262	eP	13 36 07.1	−0.7		
			eS	13 41 03.0	6.2		
			SMN	m_B=5.5		10.5	1.14
			LE	M_S=5.2		14.5	2.84
SSE	29.5	250	P	13 36 10.0	−0.9		

International Seismological Centre

International Seismological Centre

			S	13 41 00.0	−1.5			
			sS	13 41 13.0	−3.7			
			LN	$M_S = 5.1$		14.0	2.02	
			LZ	$M_S = 4.8$		20.0	2.33	
NJ2	30.4	254	−P	13 36 20.0	1.0			
			S	13 41 22.0	6.1			
			LN	$M_S = 5.4$		14.0	2.40	
			LE			14.0	2.60	
			LZ	$M_S = 5.6$		12.0	7.60	
HHC	30.7	275	eP	13 36 22.0	0.0			
			S	13 41 20.0	−1.0			
			SMN			15.0	3.40	
			SME			15.0	4.30	
			LZ	$M_S = 5.4$		16.0	6.70	
TIY	31.6	269	+P	13 36 30.0	0.5			
			S	13 41 34.0	−0.4			
			sS	13 41 46.5	−3.1			
			LN	$M_S = 5.2$		14.0	1.87	
			LE			14.0	1.38	
BTO	31.9	275	+iP	13 36 32.0	−0.3			
			sP	13 36 45.0	0.5			
			PP	13 37 39.0	1.3			
			S	13 41 40.0	0.7			
			LN	$M_S = 5.4$		13.0	2.90	
			LE			15.0	1.90	
			LZ	$M_S = 5.1$		12.0	2.60	
WHN	34.3	256	P	13 36 53.2	−0.2			
			pP	13 37 02.0	−0.1			
			eS	13 42 22.0	3.8			
			LN	$M_S = 5.2$		12.0	1.20	
			LE			13.0	1.40	
QZH	35.4	244	+P	13 37 02.0	−0.5			
			PMZ	$m_B = 5.9$		5.0	0.97	
			S	13 42 33.0	−0.9			
			sS	13 42 44.0	−5.1			
			LN	$M_S = 5.1$		14.0	1.40	
			LZ	$M_S = 4.7$		16.0	1.19	
XAN	35.9	266	eP	13 37 07.4	0.2			
			S	13 42 40.4	−1.7			
			LN	$M_S = 5.5$		14.0	2.80	
			LE			15.0	3.11	
LZH	38.3	272	P	13 37 28.0	0.8			
			PMZ	$m_B = 5.7$		6.0	0.82	
			eS	13 43 16.0	−3.8			
			SME	$m_B = 5.2$		11.0	0.44	
			LN	$M_S = 5.4$		15.0	2.20	
			LE			17.0	1.60	
			LZ	$M_S = 5.2$		16.0	3.10	
GTA	39.4	279	+P	13 37 36.2	0.0			
			PMZ	$m_B = 5.7$		7.0	0.90	
			PP	13 39 13.5	2.8			
			PcP	13 39 44.8	0.8			
			S	13 43 35.5	0.7			
			ScS	13 47 44.4	4.8			
			LE	$M_S = 5.5$		12.0	2.72	
			LZ	$M_S = 5.4$		15.0	4.30	
GZH	40.0	248	eP	13 37 42.4	1.0			
			eS	13 43 51.0	5.5			
			LN	$M_S = 5.4$		14.0	1.62	
			LE			15.0	2.00	
CD2	41.3	266	P	13 37 52.4	0.5			
			S	13 44 04.5	1.2			
			LN	$M_S = 5.3$		15.0	1.98	
			LZ	$M_S = 5.1$		16.0	1.94	
GYA	42.1	258	P	13 37 58.0	−0.7			
			sP	13 38 10.0	−1.1			
			PP	13 39 40.0	0.6			
			S	13 44 16.0	0.6			
			sS	13 44 32.0	1.2			
			LN	$M_S = 5.4$		16.0	2.14	
			LE			16.0	1.52	
			LZ	$M_S = 5.2$		16.0	2.60	
QZN	45.2	247	eP	13 38 23.0	−0.7			
			PP	13 40 08.5	−1.4			
			eS	13 45 02.5	1.0			
			SS	13 48 14.0	−1.3			
			LN	$M_S = 5.3$		15.0	1.10	
			LE			16.0	1.40	
WMQ	45.3	292	P	13 38 24.2	−0.4			
			pP	13 38 33.5	0.2			
			S	13 45 04.0	2.1			
			sS	13 45 16.5	−1.0			
			LN	$M_S = 5.9$		14.0	4.46	
			LE			14.0	4.79	
			LZ	$M_S = 5.7$		16.0	7.67	
KMI	45.7	260	P	13 38 27.0	−0.4			
			sP	13 38 40.0	0.4			
			PP	13 40 17.0	2.9			
			S	13 45 11.0	4.4			
			LN	$M_S = 5.3$		15.0	1.50	
LSA	50.7	274	P	13 39 07.4	0.6			
			PP	13 41 05.0	2.5			
			eS	13 46 12.5	−6.9			
			LE	$M_S = 5.3$		14.0	1.40	
KSH	55.1	293	eP	13 39 39.0	−0.2			
			LN	$M_S = 5.8$		14.0	3.50	

JAN 11d 21h 43m 57.2 ± 0.08s, SD0.95 / 17
1.10 N ± 0.99km, 121.32 E ± 1.03km, h37 ± 0.52km
Minahassa Peninsula (Celebes) (265)

BJI	39.0	354	eP	21 51 22.0	−0.5			
GTA	42.9	335	eP	21 51 54.2	−0.3			
WMQ	52.0	329	P	21 53 04.6	−1.0			

JAN 11d 22h 27m 58.9 ± 0.16s, SD3.43 / 14
13.03 N ± 4.10km, 87.23 W ± 6.65km, h37 ± 0.58km
Near coast of Nicaragua (74)
M_S5.7 / 2,

CN2	116.1	334	ePKP	22 46 36.0	−3.0			
BJI	122.9	339	ePKP	22 46 47.0	−5.3			
			LN	$M_S = 5.7$		12.0	0.67	
			LZ	$M_S = 5.4$		14.0	0.59	
TIY	126.3	341	ePKP	22 46 54.6	−4.2			
			LN	$M_S = 5.7$		12.0	0.60	
XAN	130.7	342	PKP	22 47 02.6	−4.8			

JAN 11d 23h 08m 47.7 ± 0.07s, SD3.45 / 7
36.64 N ± 0.85km, 82.70 E ± 0.57km, h12 ± 1.37km
Southern Xinjiang Province (321)
M_L3.7 / 5,

KSH	6.1	300	ePg	23 10 34.5	−0.7			
			eSg	23 11 57.0	−0.9			
			SMN	$M_L = 4.0$		0.4	0.10	
			SME			0.5	0.10	

JAN 11d 23h 38m 44.6 ± 0.08s, SD1.43 / 17
46.95 N ± 3.08km, 153.46 E ± 1.71km, h8 ± 1.01km
Kurile Islands (221)

CN2	19.9	271	eP	23 43 22.4	2.8
TIY	31.4	268	eP	23 45 08.4	−0.4
LZH	38.1	272	eP	23 46 06.5	−0.1
GTA	39.2	279	P	23 46 14.8	−0.6
CD2	41.1	265	eP	23 46 31.0	−0.5
GYA	42.0	258	P	23 46 37.4	−1.2

JAN 12d 01h 35m 45.7 ± 0.05s, SD2.25 / 11

43.03 N±0.64km, 87.40 E±0.49km, h8±0.23km
Northern Xinjiang Province (332)
M_L3.9 / 8,

WMQ	0.8	16	iPg	01 36 01.4	1.2			
			Sg	01 36 11.0	−0.2			
GTA	10.0	107	P	01 38 14.2	0.6			
			SMN			1.0	0.028	
			SME			0.8	0.018	

JAN 12d 02h 17m 16.2±0.10s, SD2.36 / 17
39.57 N±1.09km, 118.14 E±0.78km, h15±0.26km
North-Eastern China (658)
M_L3.7 / 18,

BJI	1.6	288	Pn	02 17 41.5	−2.8			
			Pg	02 17 43.5	−0.9			
			Sg	02 18 05.0	−1.2			
			SMN	M_L=3.1		0.5	0.26	
			SME			0.5	0.23	
DL2	2.8	103	ePg	02 18 06.0	0.5			
			eSg	02 18 40.6	−3.0			
			SMN	M_L=3.5		0.7	0.26	
			SME			0.7	0.15	
TIA	3.4	194	ePn	02 18 08.0	−1.8			
			Sn	02 18 47.0	−5.3			
			SMN	M_L=3.3		0.6	0.071	
			SME			0.6	0.12	
			SMZ	M_L=3.5		0.6	0.094	
SNY	4.7	60	ePg	02 18 43.2	3.8			
			Sg	02 19 38.8	−4.9			
			SMN	M_L=3.7		0.6	0.14	
			SME			1.0	0.085	
TIY	4.8	249	Pg	02 18 42.6	0.7			
			Sg	02 19 43.0	−4.8			
			SMN	M_L=3.5		0.6	0.070	
			SME			0.8	0.050	
HHC	5.2	286	ePg	02 18 50.0	1.8			
			eSg	02 19 59.4	0.3			
			SMN	M_L=3.8		0.8	0.10	
			SME			0.8	0.10	
CN2	6.9	50	ePg	02 19 21.5	3.1			
			SMN	M_L=4.1		1.0	0.080	

JAN 12d 02h 55m 35.1±0.08s, SD1.21 / 89
46.74 N±2.47km, 153.51 E±1.72km, h28±0.50km
Kurile Islands (221)
M_S5.1 / 28, m_B5.7 / 5, m_b5.6 / 4,

MDJ	16.8	271	P	02 59 30.5	−0.2			
			pP	02 59 38.0	0.5			
			sP	02 59 43.5	1.7			
			S	03 02 34.0	−1.5			
			LN	M_S=4.9		18.0	3.72	
			LZ	M_S=4.8		16.0	4.07	
CN2	19.9	272	+P	03 00 06.0	−1.9			
			epP	03 00 13.5	−1.9			
			eS	03 03 42.0	−3.7			
			LE	M_S=5.0		17.0	4.20	
			LZ	M_S=4.9		17.0	4.30	
SNY	21.9	268	+P	03 00 26.4	−1.8			
			pP	03 00 34.5	−1.7			
			S	03 04 30.0	6.8			
			LN	M_S=5.0		16.0	1.93	
			LE			16.0	2.32	
			LZ	M_S=5.0		16.0	4.11	
DL2	24.5	263	eP	03 00 54.6	0.7			
			S	03 05 13.0	3.4			
			LN	M_S=4.9		14.0	1.83	
BJI	27.8	270	eP	03 01 24.0	0.1			
			PMZ	m_B=5.4		8.0	0.71	
			eS	03 06 04.0	0.8			
			LN	M_S=5.0		13.0	0.77	
			LE			13.0	1.28	
			LZ	M_S=5.0		16.0	3.20	
TIA	29.0	262	P	03 01 35.1	0.1			
			eS	03 06 26.0	2.9			
			LN	M_S=4.9		17.0	1.15	
			LE			17.0	1.33	
SSE	29.3	249	eP	03 01 38.7	0.5			
			sP	03 01 55.2	5.1			
			SS	03 08 02.0	1.9			
			LE	M_S=4.6		14.0	0.70	
			LZ	M_S=4.4		20.0	0.93	
NJ2	30.3	253	+P	03 01 47.0	0.7			
HHC	30.6	274	iP	03 01 48.5	−0.7			
			S	03 06 47.0	−0.3			
			LZ	M_S=5.1		16.0	3.60	
TIY	31.4	268	+P	03 01 57.2	0.5			
			PMZ	m_b=5.6		1.0	0.10	
			pP	03 02 09.0	4.2			
			PP	03 03 02.0	1.9			
			S	03 06 58.0	−2.7			
			sS	03 07 11.0	−4.4			
			LN	M_S=5.1		16.0	1.57	
			LE			17.0	1.83	
			LZ	M_S=4.9		16.0	1.91	
BTO	31.7	275	eP	03 02 00.6	1.1			
			sP	03 02 12.0	0.8			
			S	03 07 09.0	3.4			
			LN	M_S=5.3		16.0	3.20	
			LE			16.0	1.30	
WHN	34.2	256	eP	03 02 20.5	−0.2			
			sP	03 02 34.0	1.4			
			eS	03 07 45.0	0.3			
			ScS	03 12 44.0	4.6			
			LN	M_S=5.2		14.0	1.30	
			LE			15.0	1.50	
			LZ	M_S=4.9		16.0	1.80	
XAN	35.8	265	P	03 02 33.9	−0.5			
LZH	38.2	272	P	03 02 55.5	1.0			
			PMZ	m_B=5.9		4.0	0.81	
			LN	M_S=5.0		12.0	0.80	
			LE			13.0	0.60	
			LZ	M_S=4.8		18.0	1.50	
GTA	39.2	279	+P	03 03 03.5	0.0			
			PMZ	m_b=6.1		2.0	0.59	
			PcP	03 05 13.2	1.2			
			S	03 09 01.0	−0.3			
			ScS	03 13 10.0	2.5			
			LE	M_S=5.2		13.0	1.38	
			LZ	M_S=5.0		16.0	1.80	
CD2	41.2	266	eP	03 03 19.8	0.6			
GYA	42.0	258	P	03 03 25.6	−0.5			
			sP	03 03 41.0	3.0			
			PcP	03 05 24.4	3.5			
			S	03 09 43.0	1.0			
			sS	03 10 01.0	4.2			
			LN	M_S=5.1		15.0	1.10	
			LE			15.0	0.65	
			LZ	M_S=4.7		16.0	0.76	
QZN	45.1	247	eP	03 03 51.0	−0.2			
			PP	03 05 36.5	−0.5			
			eS	03 10 24.0	−4.3			
			LN	M_S=5.0		18.0	1.10	
WMQ	45.2	291	P	03 03 52.0	0.0			
			PMZ	m_B=5.7		6.0	0.76	
			LN	M_S=5.7		14.0	1.86	
			LE			16.0	3.62	

International Seismological Centre

International Seismological Centre

			LZ		$M_S = 5.5$		16.0	4.27
KMI	45.5	260	P	03 03 55.0		0.3		
			PMZ		$m_B = 6.1$		5.0	1.30
			pP	03 04 03.0		0.1		
			eS	03 10 37.0		2.3		
			LN		$M_S = 5.3$		15.0	1.50
LSA	50.5	273	P	03 04 34.8		0.6		
KSH	54.9	293	eP	03 05 07.0		0.4		
			eS	03 12 46.0		0.6		
			LE		$M_S = 5.8$		14.0	3.50

JAN 12d 03h 11m 08.9 ± 0.07s, SD1.40 / 29
46.56 N ± 2.41km, 153.68 E ± 1.40km, h30 ± 0.58km
Kurile Islands (221)

MDJ	17.0	272	eP	03 15 08.5		2.8		
CN2	20.0	272	+P	03 15 44.0		1.4		
SNY	22.0	269	eP	03 16 02.2		−0.5		
BJI	27.9	270	eP	03 16 59.0		0.6		
HHC	30.7	275	P	03 17 23.8		0.0		
TIY	31.5	269	eP	03 17 31.2		0.1		
LZH	38.3	272	eP	03 18 29.0		0.1		
GTA	39.4	280	P	03 18 37.9		−0.2		
CD2	41.3	266	eP	03 18 54.0		0.6		
GYA	42.1	258	P	03 19 00.0		−0.1		

JAN 12d 04h 23m 45.9 ± 0.10s, SD3.36 / 9
38.61 N ± 1.07km, 99.75 E ± 0.92km, h14 ± 0.38km
Qinghai Province (325)
M_L3.7 / 5,

GTA	0.8	3	iPg	04 23 59.2		−1.1		
			Sg	04 24 08.0		−3.2		
			SMN		$M_L = 3.1$		0.4	0.58
			SME				0.4	0.55
			LN				6.0	1.47
TIY	10.0	91	eP	04 26 10.0		−3.0		

JAN 12d 05h 04m 18.8 ± 0.08s, SD2.36 / 9
28.15 N ± 0.72km, 101.86 E ± 0.82km, h13 ± 0.18km
Sichuan Province (307)
M_L3.0 / 3,

CD2	3.2	30	ePn	05 05 13.6		4.2		
			Sn	05 05 53.2		3.8		
			SMN		$M_L = 3.1$		0.7	0.040
			SME				0.8	0.090
GYA	4.6	110	Pg	05 05 41.0		0.9		

JAN 12d 05h 23m 31.3 ± 0.22s, SD1.41 / 42
8.44 S ± 1.36km, 112.91 E ± 0.91km, h158 ± 2.00km
Java (277)
m_b5.1 / 2,

WHN	38.8	2	P	05 30 44.2		1.7		
CD2	40.1	348	P	05 30 54.1		0.7		
SSE	40.1	11	P	05 30 54.3		1.0		
XAN	42.4	355	P	05 31 12.5		0.1		
LZH	45.1	350	eP	05 31 35.0		0.9		
			PMZ		$m_b = 4.9$		2.0	0.055
TIY	45.9	359	eP	05 31 40.0		−0.4		
BJI	48.3	3	eP	05 31 58.5		−0.6		
BTO	48.9	357	eP	05 32 03.6		0.2		
HHC	49.1	359	eP	05 32 04.8		−0.1		
GTA	49.1	347	P	05 32 06.0		0.5		
MDJ	54.9	15	eP	05 32 46.0		−2.4		

JAN 12d 05h 34m 18.4 ± 0.10s, SD2.79 / 10
36.11 N ± 1.34km, 71.54 E ± 1.46km, h39 ± 0.64km
Pakistan (710)
M_L4.4 / 1,

KSH	4.9	44	Pg	05 35 44.0		−0.7		
			SMN		$M_L = 4.4$		0.2	0.50
			SME				0.2	0.60
GTA	22.6	73	eP	05 39 20.6		3.8		

JAN 12d 06h 13m 56.4 ± 0.10s, SD2.10 / 58
40.52 N ± 1.08km, 122.53 E ± 1.36km, h27 ± 0.64km
North-Eastern China (658)
M_S4.0 / 6, M_L4.7 / 23,

SNY	1.5	31	iPg	06 14 23.8		0.1		
			Sg	06 14 42.8		−2.0		
			SMN		$M_L = 4.9$		0.5	13.8
			SME				0.5	14.7
DL2	1.8	204	Pn	06 14 24.0		−1.6		
			Pg	06 14 25.0		−2.8		
			Sg	06 14 48.8		−3.3		
			SMN		$M_L = 5.2$		0.4	17.1
			SME				0.4	27.3
CN2	3.9	33	Pn	06 14 55.2		−0.2		
			iPg	06 15 08.4		2.5		
			Sn	06 15 40.6		−1.7		
			Sg	06 15 59.0		−0.7		
			SMN		$M_L = 4.6$		1.0	1.20
BJI	4.9	266	Pn	06 15 08.5		−0.1		
			Sg	06 16 26.0		−3.6		
			SMN		$M_L = 4.1$		1.0	0.27
			SME				1.0	0.25
			LN		$M_S = 3.8$		9.0	0.82
			LE				10.0	1.26
			LZ		$M_S = 4.0$		12.0	1.80
TIA	6.0	226	ePn	06 15 27.4		2.8		
			Sg	06 16 59.7		−6.3		
			SMN		$M_L = 4.4$		1.2	0.23
			SME				1.2	0.27
			SMZ		$M_L = 4.4$		1.0	0.20
MDJ	6.6	50	Pg	06 15 58.0		4.4		
			Sg	06 17 24.0		−0.1		
			SMN		$M_L = 5.1$		1.2	1.09
TIY	8.3	254	+P	06 15 58.2		−0.4		
			LN		$M_S = 3.9$		9.0	0.60
HHC	8.3	276	eP	06 15 59.0		0.3		
			SMN		$M_L = 4.7$		1.0	0.20
			SME				1.0	0.20
NJ2	9.0	200	+P	06 16 06.0		−1.1		
			S	06 17 51.0		3.0		
			LN		$M_S = 4.5$		6.0	1.05
			LE				6.0	0.98
SSE	9.5	187	eP	06 16 12.2		−2.0		
			eS	06 17 56.0		−4.9		
			SMN				1.0	0.041
			SME				1.0	0.091
			LN		$M_S = 4.1$		10.0	0.85
			LZ		$M_S = 3.7$		12.0	0.46
BTO	9.5	275	eP	06 16 15.5		0.4		
			sP	06 16 20.0		−5.7		
			LN		$M_S = 4.0$		10.0	0.40
			LE				11.0	0.70
			LZ		$M_S = 4.1$		13.0	1.20
WHN	12.0	216	eP	06 16 52.0		3.5		
			LN		$M_S = 4.5$		6.0	1.00
LZH	15.3	259	eP	06 17 31.5		−1.4		
GTA	17.4	274	eP	06 17 58.5		−1.3		
CD2	18.0	244	eP	06 18 08.0		1.6		
GYA	19.2	228	P	06 18 21.8		0.1		
KMI	22.6	233	eP	06 18 56.0		−0.3		
QZN	24.0	211	eP	06 19 10.0		−0.4		
WMQ	25.9	289	P	06 19 31.0		2.6		

JAN 12d 06h 28m 33.8 ± 0.10s, SD2.34 / 14

59.33 S ± 3.81km, 25.90 W ± 3.68km, h31 ± 0.45km
South Sandwich Islands region (153)

GTA	140.8	96	ePKP	06 47 58.8	−3.1				
TIY	145.8	110	+PKP	06 48 11.0	0.5				
BJI	149.4	112	ePKP	06 48 21.0	4.7				

JAN 12d 07h 35m 47.3 ± 0.15s, SD2.57 / 17
32.87 N ± 1.03km, 96.38 E ± 1.16km, h22 ± 0.65km
Tibet (306)
M_S3.7 / 1, M_L3.8 / 4,

LSA	5.5	236	Pg	07 37 23.6	−1.0				
XAN	10.5	80	eP	07 38 20.9	0.3				
GYA	11.0	123	P	07 38 30.4	3.6				
WMQ	12.9	331	P	07 38 51.0	−1.0				

JAN 12d 11h 58m 42.6 ± 0.08s, SD2.28 / 9
35.31 N ± 0.70km, 111.08 E ± 0.66km, h25 ± 0.40km
Eastern China (664)
M_L3.2 / 9,

XAN	2.2	235	iPn	11 59 16.5	−1.3				
			Sn	11 59 46.7	1.1				
			SMN	M_L = 2.9		0.7	0.10		
			SME			0.6	0.070		

JAN 12d 13h 27m 42.9 ± 0.12s, SD1.61 / 33
3.20 S ± 1.37km, 130.56 E ± 1.77km, h51 ± 1.00km
Seram (272)

GYA	37.5	323	P	13 34 54.2	0.5				
TIY	44.0	339	+P	13 35 47.9	−0.1				
BJI	45.0	344	eP	13 35 51.0	−4.6				
SNY	45.3	353	eP	13 35 57.6	0.0				
CN2	47.0	355	eP	13 36 11.6	0.2				
LSA	49.9	314	P	13 36 34.4	−0.1				
GTA	51.0	329	eP	13 36 41.8	−0.4				

JAN 12d 19h 47m 40.1 ± 0.10s, SD1.25 / 94
46.96 N ± 2.31km, 153.84 E ± 1.94km, h31 ± 0.41km
Kurile Islands (221)
M_S6.2 / 53, m_B6.1 / 28, m_b5.5 / 3,

MDJ	17.1	271	+P	19 51 38.5	0.4				
			sP	19 51 50.0	0.1				
			S	19 54 41.0	−4.0				
			LE	M_S = 6.1		15.0	59.5		
CN2	20.1	271	+P	19 52 14.0	−0.8				
			PMZ	m_B = 5.6		9.0	2.70		
			pP	19 52 21.0	−1.9				
			eS	19 55 52.0	−2.7				
			iSS	19 56 20.0	−2.9				
			LE	M_S = 6.2		15.0	50.8		
			LZ	M_S = 6.1		20.0	81.6		
SNY	22.1	268	+iP	19 52 34.0	−1.1				
			PMZ	m_B = 6.0		9.0	6.64		
			S	19 56 30.0	−1.8				
			sS	19 56 48.0	1.7				
			SMN			18.0	13.7		
			SME			18.0	5.85		
			LN	M_S = 6.2		16.0	29.5		
			LE			15.0	37.6		
			LZ	M_S = 6.0		16.0	46.4		
DL2	24.8	263	−P	19 53 02.5	1.6				
			PMZ	m_B = 6.1		10.0	8.00		
			S	19 57 22.0	3.9				
			LN	M_S = 6.1		14.0	19.2		
			LE			14.0	18.8		
BJI	28.0	270	+P	19 53 29.5	−1.0				
			PMZ	m_B = 6.1		12.0	4.50		
			ePP	19 54 19.0	−1.0				
			eS	19 58 09.0	−2.2				
			eScS	20 04 16.0	3.1				
			LE	M_S = 6.3		16.0	43.8		
TIA	29.2	262	P	19 53 42.5	0.7				
			PMZ	m_B = 5.9		11.0	2.73		
			S	19 58 34.5	3.9				
			LN	M_S = 6.1		13.0	5.05		
			LE			16.0	21.9		
			LZ	M_S = 5.7		16.0	13.4		
SSE	29.6	249	P	19 53 46.5	1.2				
			PMZ	m_B = 5.7		6.0	0.80		
			pP	19 53 53.0	−1.2				
			sS	19 58 52.0	−0.5				
			SS	20 00 15.0	3.2				
			LN	M_S = 6.0		16.0	12.0		
			LE			14.0	11.1		
			LZ	M_S = 5.7		16.0	14.3		
NJ2	30.5	253	+iP	19 53 53.0	−0.3				
			PMZ	m_B = 6.1		10.0	3.25		
			PP	19 54 56.0	2.8				
			PcP	19 56 52.5	1.2				
			S	19 58 54.0	2.9				
			LN	M_S = 6.1		14.0	7.19		
			LE			14.0	17.2		
			LZ	M_S = 6.2		16.0	38.3		
HHC	30.8	274	P	19 53 55.0	−0.6				
			PP	19 55 01.5	5.1				
			S	19 58 53.6	−1.2				
			LN	M_S = 6.4		16.0	36.6		
			LE			16.0	19.6		
			LZ	M_S = 6.3		16.0	55.4		
TIY	31.7	268	iP	19 54 03.5	0.2				
			PMZ	m_B = 6.2		8.0	3.16		
			pP	19 54 12.0	0.0				
			sP	19 54 20.0	4.1				
			PP	19 55 07.0	−0.8				
			S	19 59 06.5	−2.1				
			sS	19 59 19.0	−5.3				
			LN	M_S = 6.2		14.0	21.7		
			LZ	M_S = 6.2		16.0	39.3		
BTO	31.9	275	+P	19 54 06.0	0.1				
			sP	19 54 19.5	1.1				
			PP	19 55 12.0	0.5				
			S	19 59 15.0	1.8				
			sS	19 59 32.0	3.2				
			ScS	20 04 33.0	1.1				
			LN	M_S = 6.4		15.0	26.3		
			LE			17.0	30.5		
			LZ	M_S = 6.2		17.0	38.2		
WHN	34.5	256	iP	19 54 27.0	−0.6				
			PMZ	m_B = 6.0		6.0	1.60		
			pP	19 54 36.0	−0.5				
			iS	19 59 54.0	0.8				
			SMN	m_B = 6.1		12.0	3.40		
			SME			10.0	2.90		
			LN	M_S = 6.2		16.0	12.7		
			LE			16.0	18.2		
			LZ	M_S = 6.0		16.0	21.0		
QZH	35.6	244	+P	19 54 37.0	0.0				
			PMZ	m_B = 6.1		10.0	3.30		
			PP	19 55 57.0	−0.2				
			S	20 00 08.5	−1.0				
			SME	m_B = 6.1		10.0	4.07		
			LE	M_S = 5.8		14.0	7.58		
			LZ	M_S = 5.6		14.0	8.05		
XAN	36.0	265	P	19 54 40.5	−0.5				
			PMZ	m_B = 6.2		8.0	3.55		
			PP	19 56 05.8	3.0				
			S	20 00 11.8	−4.7				

International Seismological Centre

International Seismological Centre

			LN		$M_S = 6.5$		14.0	25.9
			LE				14.0	25.0
LZH	38.4	272	eP	19 55 00.0		−0.8		
			PMZ		$m_B = 6.2$		10.0	4.47
			S	20 00 48.0		−4.4		
			SME				15.0	3.09
			LN		$M_S = 6.4$		15.0	11.8
			LE				15.0	23.1
			LZ		$M_S = 6.3$		16.0	33.7
GTA	39.4	279	+P	19 55 09.4		−0.1		
			PMZ		$m_B = 6.1$		9.0	2.91
			PP	19 56 44.0		−0.2		
			S	20 01 08.0		−0.3		
			sS	20 01 24.0		−0.2		
			SS	20 03 50.0		−5.9		
			ScS	20 05 15.2		2.5		
			LE		$M_S = 6.4$		14.0	24.1
			LZ		$M_S = 6.3$		15.0	34.0
GZH	40.2	248	P	19 55 16.0		0.2		
			S	20 01 15.0		−4.9		
			LN		$M_S = 6.2$		15.0	9.03
			LE				18.0	16.3
			LZ		$M_S = 5.8$		17.0	12.8
CD2	41.4	266	iP	19 55 25.8		0.1		
			PcS	20 01 16.0		2.6		
			S	20 01 41.5		3.9		
			LN		$M_S = 6.4$		15.0	22.4
			LZ		$M_S = 6.0$		16.0	15.3
GYA	42.2	258	P	19 55 33.0		0.2		
			sP	19 55 48.0		2.4		
			PP	19 57 14.0		0.3		
			S	20 01 53.0		2.8		
			SS	20 04 55.0		1.2		
			LN		$M_S = 6.5$		15.0	25.4
			LE				15.0	9.78
			LZ		$M_S = 5.7$		16.0	8.23
WMQ	45.3	291	P	19 55 57.0		−0.5		
			PMZ		$m_B = 6.3$		7.0	3.37
			PP	19 57 46.0		2.2		
			PcS	20 01 31.0		1.8		
			eS	20 02 32.0		−3.9		
			sS	20 02 54.0		3.3		
			LN		$M_S = 6.8$		14.0	27.7
			LE				14.0	47.9
			LZ		$M_S = 6.2$		18.0	27.4
QZN	45.4	247	+P	19 56 00.0		1.9		
			PP	19 57 49.0		4.5		
			S	20 02 41.0		5.3		
			LN		$M_S = 6.1$		14.0	5.60
			LE				14.0	7.50
KMI	45.8	260	iP	19 56 02.0		0.6		
			PMZ		$m_B = 6.4$		5.0	2.70
			sP	19 56 10.0		−4.0		
			PP	19 57 53.0		4.7		
			S	20 02 42.5		1.3		
			SS	20 05 58.5		0.5		
			LN		$M_S = 6.0$		14.0	8.20
LSA	50.8	273	P	19 56 41.0		0.7		
			pP	19 56 49.2		0.3		
			PP	19 58 37.0		0.9		
			S	20 03 47.0		−4.2		
			LN		$M_S = 6.2$		15.0	6.30
			LE				17.0	10.0
			LZ		$M_S = 5.6$		15.0	4.20
KSH	55.1	293	+P	19 57 12.0		0.0		
			pP	19 57 20.0		−1.1		
			eS	20 04 51.0		−0.3		
			LE		$M_S = 6.9$		16.0	54.4

JAN 13d 01h 24m 44.3 ± 0.12s, SD0.81 / 25
54.55 N ± 2.62km, 161.56 W ± 1.71km, h9 ± 1.72km
Alaska Peninsula (12)
m_b5.1 / 2,

CN2	46.8	288	−P	01 33 17.2		0.2		
SNY	49.2	288	−P	01 33 35.6		0.4		
LZH	64.0	296	eP	01 35 20.0		−1.1		
			PMZ		$m_b = 5.2$		2.0	0.055
CD2	68.0	293	eP	01 35 47.0		0.2		

JAN 13d 03h 42m 08.6 ± 0.27s, SD1.50 / 46
26.95 S ± 2.82km, 176.10 W ± 3.86km, h32 ± 0.90km
Kermadec Islands region (177)

WHN	87.6	306	P	03 54 56.0		0.2		
SNY	88.2	319	eP	03 54 58.0		−0.7		
CN2	88.4	322	−P	03 54 59.0		−0.7		
TIA	88.9	312	eP	03 55 02.0		0.2		
GYA	91.3	299	P	03 55 13.4		0.0		
BJI	91.7	315	eP	03 55 12.0		−2.8		
TIY	92.8	311	−P	03 55 20.6		0.3		
XAN	93.4	307	P	03 55 23.2		0.4		
KMI	93.8	296	P	03 55 26.0		1.2		
HHC	95.1	313	eP	03 55 32.0		1.5		
CD2	95.7	302	eP	03 55 34.2		1.0		
LZH	98.0	306	eP	03 55 48.0		4.0		

JAN 13d 04h 14m 59.3 ± 0.09s, SD1.42 / 31
3.32 S ± 1.21km, 130.54 E ± 2.33km, h33 ± 0.16km
Seram (272)
M_S5.1 / 2,

TIY	44.1	339	eP	04 23 06.4		−0.6		
			LZ		$M_S = 4.8$		11.0	0.62
BJI	45.1	344	eP	04 23 13.0		−1.7		
LZH	46.5	330	eP	04 23 25.5		−0.1		
CN2	47.1	355	eP	04 23 30.0		−0.6		
HHC	47.3	340	eP	04 23 30.9		−0.8		
GTA	51.1	329	eP	04 23 59.6		−1.5		
WMQ	60.6	326	P	04 25 09.5		−0.5		
KSH	65.7	316	eP	04 25 44.0		0.2		

JAN 13d 04h 24m 26.3 ± 0.11s, SD1.53 / 34
5.96 S ± 2.22km, 104.51 E ± 2.14km, h76 ± 0.79km
Sunda Strait (276)

GYA	32.3	4	P	04 30 53.8		3.2		
XAN	40.0	6	P	04 31 55.0		−0.7		
TIY	44.1	9	P	04 32 30.8		1.8		
GTA	45.3	355	eP	04 32 39.0		−0.3		
BJI	47.0	12	eP	04 32 52.0		−0.3		
WMQ	51.8	345	P	04 33 28.0		−1.3		
CN2	53.0	19	−P	04 33 37.8		−0.4		
			pP	04 33 59.0		2.3		

JAN 13d 08h 11m 32.2 ± 0.17s, SD1.13 / 56
6.67 S ± 1.70km, 155.36 E ± 0.17km, h75 ± 1.50km
Solomon Islands (193)

WHN	54.0	316	eP	08 20 51.5		0.4		
MDJ	56.1	338	eP	08 21 05.7		−0.8		
CN2	57.1	335	eP	08 21 14.0		0.6		
GYA	57.5	307	P	08 21 18.2		1.2		
TIY	59.6	321	eP	08 21 30.0		−1.0		
			eS	08 29 28.5		−5.4		
			LZ		$M_S = 4.8$		24.0	0.82
XAN	59.7	316	P	08 21 30.7		−1.4		
CD2	61.9	310	eP	08 21 45.8		−0.9		
BTO	62.8	322	eP	08 21 53.6		0.6		
LZH	64.3	315	eP	08 22 02.5		−0.6		
GTA	68.7	317	eP	08 22 31.0		0.0		

International Seismological Centre

LSA	71.4	304	P	08 22 46.6	−0.7		
WMQ	78.8	317	P	08 23 30.0	0.5		

JAN 13d 13h 58m 14.0 ± 0.08s, SD1.06 / 34
47.17 N ± 2.63km, 153.76 E ± 1.85km, h18 ± 0.56km
Kurile Islands (221)
m_b4.9 / 1,

MDJ	17.0	270	eP	14 02 10.5	−2.4		
CN2	20.1	271	eP	14 02 49.2	−0.6		
SNY	22.1	267	eP	14 03 10.0	−0.3		
BJI	27.9	269	P	14 04 07.0	1.3		
HHC	30.7	274	eP	14 04 29.8	−0.9		
TIY	31.6	268	eP	14 04 39.4	0.8		
XAN	36.0	265	eP	14 05 15.7	−0.8		
LZH	38.3	272	eP	14 05 37.0	0.9		
			PMZ	m_b = 4.9		2.0	0.041
GTA	39.3	279	eP	14 05 46.2	1.6		
CD2	41.4	265	eP	14 06 01.6	0.4		
WMQ	45.2	291	P	14 06 32.6	0.3		

JAN 13d 14h 26m 26.0 ± 0.08s, SD0.92 / 54
27.82 N ± 1.32km, 54.20 E ± 1.17km, h61 ± 1.09km
Southern Iran (353)

KSH	21.5	52	eP	14 31 11.0	−0.5		
WMQ	31.3	50	P	14 32 43.0	0.4		
GTA	39.3	61	+iP	14 33 52.4	1.0		
LZH	42.5	66	eP	14 34 18.5	0.6		
CD2	43.0	73	eP	14 34 21.5	−0.2		
XAN	46.9	68	iP	14 34 52.2	−0.4		
BTO	47.2	59	eP	14 34 56.0	1.1		
HHC	48.3	59	eP	14 35 05.2	1.2		
TIY	49.3	63	eP	14 35 11.0	−0.1		
			S	14 42 09.0	−1.1		
BJI	51.9	59	eP	14 35 31.0	−0.1		
			PcP	14 36 44.0	1.9		
TIA	53.2	64	eP	14 35 40.8	0.0		
SNY	57.2	56	eP	14 36 08.4	−1.4		
CN2	58.2	54	+P	14 36 16.0	−1.1		

JAN 13d 15h 31m 54.9 ± 0.06s, SD1.17 / 41
46.88 N ± 2.60km, 153.47 E ± 1.67km, h26 ± 0.84km
Kurile Islands (221)
M_S4.1 / 1,

MDJ	16.8	271	eP	15 35 50.5	0.1		
CN2	19.9	271	eP	15 36 26.4	−1.2		
SNY	21.9	268	−P	15 36 47.2	−0.9		
BJI	27.7	269	eP	15 37 43.5	−0.2		
			LZ	M_S = 4.3		16.0	0.59
HHC	30.5	274	eP	15 38 08.8	−0.2		
TIY	31.4	268	P	15 38 17.0	0.4		
			LZ	M_S = 4.4		18.0	0.73
BTO	31.7	275	eP	15 38 15.2	−4.1		
WHN	34.2	256	P	15 38 40.6	−0.3		
XAN	35.8	265	P	15 38 53.8	−0.6		
LZH	38.1	272	eP	15 39 14.5	0.1		
GTA	39.2	279	eP	15 39 23.4	0.2		
CD2	41.1	265	eP	15 39 39.2	0.0		
GYA	42.0	258	P	15 39 46.4	0.2		
WMQ	45.1	291	P	15 40 12.0	0.5		
KMI	45.5	260	P	15 40 15.0	0.2		

JAN 13d 15h 59m 53.9 ± 0.11s, SD1.04 / 48
15.31 S ± 0.92km, 167.53 E ± 1.49km, h146 ± 0.89km
Vanuatu (New Hebrides) (186)

WHN	68.5	312	eP	16 10 42.5	−0.6		
MDJ	68.9	332	eP	16 10 44.5	−1.0		
CN2	70.3	329	eP	16 10 53.2	−0.7		
GYA	72.2	305	P	16 11 05.6	−0.2		
BJI	72.9	321	eP	16 11 09.0	−0.3		
			eS	16 20 20.0	−2.6		
TIY	73.8	317	−P	16 11 15.7	0.6		
			S	16 20 36.0	3.8		
XAN	74.3	313	P	16 11 17.0	−0.5		
KMI	74.8	302	P	16 11 22.0	1.1		
HHC	76.2	320	P	16 11 29.0	0.6		
CD2	76.6	308	P	16 11 30.9	0.4		
BTO	77.0	319	eP	16 11 34.0	0.9		
LZH	78.9	312	eP	16 11 44.0	0.6		
GTA	83.2	314	−iP	16 12 07.0	0.7		
WMQ	93.3	314	P	16 12 54.0	−0.2		

JAN 13d 16h 23m 27.2 ± 0.08s, SD1.78 / 23
3.29 S ± 1.16km, 130.43 E ± 1.82km, h39 ± 0.25km
Seram (272)
m_b4.9 / 1,

BJI	45.1	345	eP	16 31 41.0	−0.6		
LZH	46.4	330	eP	16 31 53.5	1.1		
			PMZ	m_b = 4.9		2.5	0.039
GTA	51.0	329	eP	16 32 27.2	−0.7		
WMQ	60.6	326	eP	16 33 36.0	−0.8		

JAN 13d 18h 01m 56.3 ± 0.09s, SD1.06 / 92
46.82 N ± 1.93km, 153.48 E ± 1.53km, h28 ± 0.26km
Kurile Islands (221)
M_S5.9 / 48, m_B6.2 / 29, m_b5.4 / 3,

MDJ	16.8	271	+P	18 05 51.0	−0.5		
			pP	18 06 00.0	1.6		
			S	18 08 56.0	0.0		
			SS	18 09 18.0	1.6		
			LE	M_S = 5.8		16.0	28.4
			LZ	M_S = 5.9		16.0	46.8
CN2	19.9	272	+P	18 06 27.8	−0.9		
			PMZ	m_B = 5.7		5.0	1.80
			pP	18 06 34.0	−2.3		
			LN	M_S = 5.8		15.0	21.4
			LZ	M_S = 5.8		15.0	32.8
SNY	21.9	268	+iP	18 06 48.0	−1.1		
			PMZ	m_B = 6.0		12.0	7.62
			eS	18 10 44.0	−0.6		
			sS	18 11 00.0	2.4		
			SMN			18.0	9.13
			SME			16.0	6.02
			LN	M_S = 5.7		13.0	9.31
			LE			13.0	8.99
			LZ	M_S = 5.8		17.0	30.0
DL2	24.5	263	+iP	18 07 16.0	1.1		
			ePP	18 07 53.0	2.7		
			eS	18 11 30.0	−1.1		
			SMN			18.0	7.74
			LN	M_S = 5.7		14.0	11.0
BJI	27.7	270	+P	18 07 44.5	−0.3		
			PMZ	m_B = 6.1		8.0	3.20
			ePP	18 08 31.0	−2.2		
			eS	18 12 24.0	0.1		
			LE	M_S = 6.0		15.0	18.7
			LZ	M_S = 6.0		16.0	29.0
TIA	29.0	262	P	18 07 55.8	−0.2		
			PMZ	m_B = 5.5		10.0	0.88
			eS	18 12 43.5	−0.5		
			LN	M_S = 5.7		13.0	2.80
			LE			14.5	7.75
			LZ	M_S = 5.3		18.0	5.80
SSE	29.4	249	P	18 07 59.0	−0.3		
			PMZ	m_b = 5.4		2.0	0.13
			pP	18 08 09.0	1.3		
			sP	18 08 14.0	2.6		

International Seismological Centre

			PP	18 08 50.0	−4.3			
			S	18 12 53.0	3.8			
			sS	18 13 04.0	0.0			
			PcS	18 14 50.0	3.5			
			LN	M_S = 5.7		14.0	4.71	
			LE			14.0	6.31	
			LZ	M_S = 5.4		18.0	7.25	
NJ2	30.3	253	+P	18 08 07.0	−0.3			
			PMZ	m_B = 6.1		8.0	2.57	
			pP	18 08 13.0	−2.8			
			sP	18 08 21.2	1.7			
			S	18 13 03.5	0.0			
			LN	M_S = 5.9		14.0	8.77	
			LE			14.0	9.74	
HHC	30.5	274	P	18 08 10.5	0.5			
			PP	18 09 12.0	2.3			
			S	18 13 06.0	−1.9			
			LN	M_S = 6.2		15.0	22.1	
			LE			15.0	12.4	
			LZ	M_S = 5.9		15.0	21.2	
TIY	31.4	268	iP	18 08 18.0	0.4			
			PMZ	m_B = 6.2		8.0	3.37	
			sP	18 08 28.5	−1.0			
			S	18 13 26.0	4.6			
			LN	M_S = 5.7		14.0	7.76	
			LZ	M_S = 5.8		17.0	17.8	
BTO	31.7	275	+iP	18 08 20.5	0.2			
			sP	18 08 34.0	1.8			
			PP	18 09 28.0	3.1			
			S	18 13 29.0	2.8			
			LN	M_S = 6.1		13.0	13.3	
			LE			13.0	8.90	
			LZ	M_S = 5.8		13.0	11.9	
WHN	34.2	256	P	18 08 41.2	−0.5			
			PMZ	m_B = 6.2		8.0	2.80	
			pP	18 08 48.5	−1.7			
			S	18 14 04.0	−0.9			
			ScS	18 19 06.0	5.6			
			LN	M_S = 6.0		13.0	7.20	
			LE			14.0	8.40	
			LZ	M_S = 5.8		16.0	12.6	
QZH	35.3	244	+P	18 08 51.0	−0.1			
			PMZ	m_B = 6.3		6.0	3.53	
			PP	18 10 10.0	−0.4			
			S	18 14 22.0	0.1			
			sS	18 14 35.0	−1.7			
			LE	M_S = 5.5		14.0	3.79	
			LZ	M_S = 5.3		16.0	4.75	
XAN	35.8	265	iP	18 08 55.0	−0.4			
			PMZ	m_B = 6.2		7.0	2.85	
			S	18 14 22.5	−6.8			
			LN	M_S = 6.1		14.0	10.5	
			LE			15.0	12.8	
LZH	38.1	272	iP	18 09 16.5	1.1			
			PMZ	m_B = 6.3		7.0	3.36	
			eS	18 15 04.0	−2.8			
			SME			14.0	2.29	
			LN	M_S = 6.1		15.0	10.9	
			LE			17.0	8.70	
			LZ	M_S = 5.8		16.0	11.8	
GTA	39.2	279	+iP	18 09 24.8	0.5			
			PMZ	m_B = 6.1		8.0	2.62	
			PP	18 10 59.0	0.8			
			PcP	18 11 34.2	1.2			
			S	18 15 24.0	2.2			
			sS	18 15 40.0	3.2			
			ScS	18 19 31.8	3.5			
			LE	M_S = 6.0		12.0	9.05	
			LZ	M_S = 5.9		14.0	13.2	
GZH	39.9	248	P	18 09 29.6	−0.4			
			PP	18 11 06.0	0.1			
			S	18 15 30.0	−2.5			
			LN	M_S = 6.0		16.0	5.90	
			LE			17.0	10.0	
			LZ	M_S = 5.5		16.0	6.00	
CD2	41.1	265	iP	18 09 40.3	0.2			
			S	18 15 56.0	5.5			
			LN	M_S = 6.0		16.0	10.9	
			LZ	M_S = 5.7		14.0	7.52	
GYA	42.0	258	P	18 09 47.0	−0.1			
			PP	18 11 28.0	0.6			
			S	18 15 56.0	−6.9			
			LN	M_S = 5.9		15.0	6.32	
			LE			15.0	4.89	
			LZ	M_S = 5.5		18.0	5.87	
QZN	45.1	247	+P	18 10 13.0	0.6			
			PP	18 11 59.0	0.8			
			S	18 16 55.0	6.6			
			LE	M_S = 5.7		14.0	4.30	
WMQ	45.1	291	iP	18 10 13.0	0.3			
			PMZ	m_B = 6.1		10.0	2.77	
			PP	18 11 58.0	−0.5			
			sS	18 17 08.0	3.9			
			LN	M_S = 6.4		14.0	12.3	
			LE			14.0	18.5	
			LZ	M_S = 6.3		16.0	28.7	
KMI	45.5	260	iP	18 10 16.0	0.2			
			PMZ	m_B = 6.4		6.0	3.20	
			pP	18 10 23.5	−0.6			
			sP	18 10 28.5	0.8			
			S	18 16 58.0	3.9			
			LN	M_S = 5.9		16.0	6.60	
LSA	50.5	273	+P	18 10 56.0	0.9			
			PMZ	m_B = 6.2		7.0	2.10	
			PP	18 12 51.0	0.5			
			S	18 18 09.0	4.3			
KSH	54.9	293	+iP	18 11 28.0	0.7			
			sP	18 11 40.0	0.5			
			eS	18 19 06.0	0.2			
			LE	M_S = 6.6		16.0	24.3	

JAN 13d 18h 38m 57.3 ± 0.19s, SD3.19 / 9
36.62 N ± 2.01km, 82.84 E ± 0.87km, h10 ± 0.04km
Southern Xinjiang Province (321)
M_L3.9 / 6,

KSH	6.2	300	ePn	18 40 33.2	4.1		
			ePg	18 40 50.0	3.7		
			eSn	18 41 40.7	−1.2		
			Sg	18 42 07.0	−3.7		
			SMN	M_L = 4.5		0.7	0.30
			SME			0.8	0.40
WMQ	8.1	26	eP	18 40 57.5	−0.5		
			S	18 42 34.6	4.5		
			SMN	M_L = 3.7		0.8	0.020

JAN 13d 19h 21m 25.6 ± 0.09s, SD1.59 / 26
46.89 N ± 3.44km, 153.33 E ± 2.25km, h21 ± 0.95km
Kurile Islands (221)

MDJ	16.7	271	eP	19 25 19.5	−0.9
CN2	19.8	271	eP	19 25 58.0	0.2
SNY	21.8	267	eP	19 26 16.7	−1.7
BJI	27.6	269	eP	19 27 15.0	0.9
HHC	30.4	274	eP	19 27 39.1	−0.3
TIY	31.3	268	eP	19 27 47.7	0.6
BTO	31.6	275	eP	19 27 44.8	−4.9
LZH	38.0	272	eP	19 28 45.0	0.1

GTA	39.1	279	eP	19 28 54.2	0.5			
GYA	41.9	258	P	19 29 16.0	−0.8			

JAN 14d 00h 50m 32.9 ± 0.10s, SD1.15 / 40
15.25 S ± 1.71km, 173.55 W ± 1.77km, h32 ± 0.24km
Tonga (173)
m_b5.4 / 2,

MDJ	78.8	322	eP	01 02 35.0	−0.2			
CN2	80.9	320	+P	01 02 45.6	−0.7			
SNY	81.1	318	+iP	01 02 47.2	0.0			
BJI	85.3	314	eP	01 03 09.0	0.4			
			eS	01 13 40.0	4.2			
TIY	87.0	310	−P	01 03 18.4	1.0			
			sS	01 14 10.0	1.3			
			LZ	M_S = 5.0		22.0	0.65	
GYA	87.8	298	P	01 03 22.6	1.3			
XAN	88.4	306	P	01 03 24.4	0.3			
HHC	88.8	313	+P	01 03 26.5	0.5			
BTO	89.8	312	eP	01 03 32.3	1.5			
LZH	93.0	306	eP	01 03 45.5	−0.1			
			PMZ	m_b = 5.6		2.5	0.079	
GTA	97.0	309	eP	01 04 02.6	−1.0			

JAN 14d 04h 13m 26.8 ± 0.10s, SD1.05 / 21
46.63 N ± 1.93km, 153.90 E ± 1.51km, h34 ± 0.17km
Kurile Islands (221)

MDJ	17.1	272	eP	04 17 24.0	−1.1			
BJI	28.0	270	eP	04 19 18.0	0.8			
WHN	34.4	256	iP	04 20 13.5	0.0			
LZH	38.4	273	eP	04 20 48.0	0.4			
GTA	39.5	280	eP	04 20 57.0	0.4			
CD2	41.4	266	eP	04 21 12.7	0.6			
GYA	42.2	258	P	04 21 19.0	0.2			

JAN 14d 04h 21m 10.9 ± 0.07s, SD1.32 / 77
46.86 N ± 2.32km, 153.59 E ± 1.76km, h19 ± 1.06km
Kurile Islands (221)
M_S5.1 / 25, m_B5.6 / 4,

MDJ	16.9	271	eP	04 25 06.0	−2.3			
			pP	04 25 14.0	0.1			
			sP	04 25 18.5	0.7			
			PP	04 25 19.0	−2.9			
			LZ	M_S = 4.4		20.0	1.77	
CN2	20.0	272	+P	04 25 43.6	−1.9			
			eS	04 29 23.0	−1.3			
			LN	M_S = 4.9		14.0	2.60	
SNY	22.0	268	+iP	04 26 03.7	−2.2			
			pP	04 26 14.6	2.1			
			eS	04 29 59.0	−3.7			
			sS	04 30 14.0	0.6			
			LN	M_S = 5.0		12.0	1.57	
			LE			13.0	1.52	
			LZ	M_S = 5.0		17.0	4.60	
DL2	24.6	263	+P	04 26 32.0	0.4			
			eS	04 30 47.0	−2.3			
			LN	M_S = 4.8		13.0	0.78	
			LE			12.0	1.07	
BJI	27.8	270	eP	04 27 00.5	−0.9			
			PMZ	m_B = 5.5		10.0	0.96	
			ePP	04 27 50.0	0.1			
			eS	04 31 38.0	−4.0			
			LE	M_S = 5.1		15.0	2.60	
			LZ	M_S = 5.1		16.0	3.80	
TIA	29.1	262	P	04 27 12.2	−0.5			
			eS	04 32 02.0	−0.2			
			LN	M_S = 5.0		13.0	1.40	
			LE			13.0	0.74	
			LZ	M_S = 4.5		14.0	0.82	
SSE	29.4	249	eP	04 27 15.3	−0.8			
			pP	04 27 24.0	1.1			
			sS	04 32 18.0	−1.6			
			SS	04 33 36.0	−3.7			
			LE	M_S = 4.9		12.0	1.06	
			LZ	M_S = 4.7		16.0	1.33	
HHC	30.6	274	+P	04 27 26.4	−0.3			
			sP	04 27 37.6	1.1			
			S	04 32 27.0	1.0			
			LN	M_S = 5.3		15.0	3.00	
			LE			15.0	0.70	
			LZ	M_S = 5.2		16.0	3.80	
TIY	31.5	268	P	04 27 34.0	−0.3			
			S	04 32 38.0	−1.6			
			sS	04 32 54.0	2.2			
			SS	04 34 21.0	−6.6			
			LE	M_S = 4.9		14.0	1.28	
			LZ	M_S = 5.1		16.0	2.98	
BTO	31.8	275	eP	04 27 37.0	0.0			
			sP	04 27 51.0	4.2			
			PP	04 28 43.0	1.4			
			eS	04 32 44.0	−1.4			
			LN	M_S = 5.3		13.0	2.20	
			LE			14.0	1.90	
			LZ	M_S = 5.2		14.0	3.10	
WHN	34.3	256	P	04 27 57.5	−1.0			
			pP	04 28 08.5	3.1			
			S	04 33 20.0	−3.1			
			LZ	M_S = 5.0		16.0	2.20	
XAN	35.9	265	P	04 28 11.2	−0.9			
LZH	38.2	272	P	04 28 32.5	0.5			
			PMZ	m_B = 5.8		5.0	0.81	
			LE	M_S = 5.1		11.0	1.00	
			LZ	M_S = 4.9		18.0	1.80	
GTA	39.3	279	+iP	04 28 40.7	−0.2			
			PMZ	m_B = 5.7		6.0	0.85	
			PP	04 30 14.0	−0.7			
			PcP	04 30 49.0	−0.3			
			S	04 34 40.0	0.3			
			sS	04 34 55.0	2.9			
			ScS	04 38 47.0	1.1			
			LE	M_S = 5.3		12.0	1.81	
			LZ	M_S = 5.2		15.0	2.63	
CD2	41.2	265	iP	04 28 56.7	−0.1			
			eS	04 35 10.5	0.8			
			LZ	M_S = 4.9		15.0	1.24	
GYA	42.1	258	P	04 29 03.2	−0.6			
			pP	04 29 14.8	4.3			
			S	04 35 21.2	0.1			
			LZ	M_S = 4.7		20.0	1.11	
WMQ	45.2	291	P	04 29 28.6	−0.6			
			eS	04 36 02.0	−5.8			
			LN	M_S = 5.7		13.0	2.23	
			LE			14.0	3.69	
			LZ	M_S = 5.5		16.0	5.00	
KMI	45.6	260	P	04 29 32.0	−0.5			
			pP	04 29 43.0	3.9			
			eS	04 36 11.0	−2.7			
			sS	04 36 29.0	4.2			
			LN	M_S = 5.2		16.0	1.50	
LSA	50.6	273	P	04 30 11.6	−0.1			
KSH	55.0	293	eP	04 30 44.0	0.2			
			LE	M_S = 5.8		14.0	3.50	

JAN 14d 07h 55m 06.5 ± 0.12s, SD1.56 / 22
46.58 N ± 2.74km, 153.56 E ± 1.98km, h35 ± 0.37km
Kurile Islands (221)

MDJ	16.9	272	eP	07 59 01.0	−0.8			

International Seismological Centre

CN2	20.0	272	eP	07 59 38.0	−0.8		
SNY	21.9	268	+P	07 59 58.8	−0.1		
HHC	30.6	275	eP	08 01 20.4	0.4		
BTO	31.8	275	eP	08 01 29.8	−0.5		
CD2	41.2	266	eP	08 02 50.7	0.9		
GYA	42.0	258	P	08 02 57.4	1.0		

JAN 14d 08h 11m 39.8 ± 0.09s, SD1.60 20
3.29 S ± 1.18km, 130.68 E ± 1.49km, h34 ± 0.27km
Seram / (272)

CN2	47.1	355	eP	08 20 11.2	0.3		
GTA	51.1	329	eP	08 20 40.6	−1.3		

JAN 14d 19h 41m 47.1 ± 0.10s, SD2.33 / 20
24.86 N ± 3.42km, 126.46 E ± 2.58km, h15 ± 1.53km
South-western Ryukyu Islands (246)
M_L3.9 / 2,

SSE	7.8	324	eP	19 43 45.0	2.4		
			SMZ	M_L = 3.7		1.0	0.015
BJI	17.4	333	eP	19 45 50.0	−1.7		
TIY	17.5	320	eP	19 45 53.0	0.1		
CN2	18.9	358	eP	19 46 13.0	2.9		
HHC	20.2	326	P	19 46 25.6	0.7		
BTO	20.9	323	eP	19 46 33.4	1.8		
CD2	20.9	292	eP	19 46 32.3	0.1		
GTA	26.7	309	eP	19 47 32.6	4.3		

JAN 14d 23h 47m 40.5 ± 0.14s, SD1.81 / 20
20.21 S ± 4.20km, 178.04 W ± 3.22km, h347 ± 0.67km
Fiji region (181)

MDJ	80.3	325	eP	23 59 15.6	0.2		
CN2	82.0	322	−P	23 59 24.0	−0.7		
WHN	82.2	306	eP	23 59 20.5	−5.1		
BJI	85.7	315	eP	23 59 41.5	−1.1		
GYA	86.5	300	P	23 59 46.6	−0.1		

JAN 15d 00h 13m 02.3 ± 0.17s, SD3.80 / 9
38.98 N ± 1.86km, 74.84 E ± 0.76km, h30 ± 1.93km
Tadzhikistan-Xinjiang border region (719)
M_L3.6 / 4,

KSH	1.0	57	−Pg	00 13 19.9	−0.8		
			Sg	00 13 32.0	−2.6		
			SMN	M_L = 3.7		0.5	1.80
			SME			0.5	1.50
WMQ	10.8	59	eP	00 15 38.1	−0.1		

JAN 15d 01h 27m 46.4 ± 0.17s, SD1.78 / 32
31.58 S ± 2.46km, 71.79 W ± 4.53km, h42 ± 1.48km
Off coast of Central Chile (134)

KSH	152.7	64	ePKP	01 47 37.0	4.6		
WMQ	159.8	47	PKP	01 47 40.8	−0.7		
			PKP2	01 48 21.0	−0.4		
			PP	01 52 02.5	−1.2		
BJI	169.4	325	ePKP	01 47 50.0	0.3		
GTA	169.6	39	ePKP	01 47 50.6	0.5		
TIA	171.3	304	PKP	01 47 50.9	0.0		
LZH	174.2	38	ePKP	01 47 52.0	−0.5		
			PKP2	01 49 24.5	−0.3		
CD2	176.1	99	PKP	01 47 53.4	0.6		
XAN	177.5	346	PKP	01 47 52.4	−0.7		

JAN 15d 04h 16m 19.7 ± 0.05s, SD1.01 / 26
55.66 N ± 1.33km, 156.81 W ± 0.88km, h33 ± 0.31km
Alaska Peninsula (12)

CN2	49.1	290	+P	04 25 05.6	−0.5		
			pP	04 25 11.5	−4.0		
GTA	65.2	304	P	04 27 00.0	−0.8		
CD2	70.0	296	eP	04 27 31.0	0.0		

JAN 15d 04h 37m 51.0 ± 0.05s, SD2.63 / 5
38.74 N ± 0.58km, 74.96 E ± 0.16km, h3 ± 0.55km
Tadzhikistan-Xinjiang border region (719)
M_L3.2 / 3,

KSH	1.1	44	Pg	04 38 09.5	−0.7		
			Sg	04 38 21.5	−3.3		
			SME	M_L = 2.8		0.5	0.20

JAN 15d 10h 41m 49.9 ± 0.08s, SD1.64 / 18
9.19 S ± 4.01km, 67.29 E ± 2.98km, h9 ± 0.68km
Mid-Indian Rise (429)

CD2	53.0	40	eP	10 51 10.0	−0.1		
WMQ	55.9	18	eP	10 51 31.2	0.0		
GTA	57.0	30	eP	10 51 38.7	−0.4		
XAN	58.4	40	P	10 51 47.7	−0.9		
BJI	66.6	39	eP	10 52 44.0	0.5		
CN2	74.5	40	eP	10 53 31.0	−0.2		
			PcP	10 53 45.4	0.3		

JAN 15d 14h 21m 31.7 ± 0.11s, SD2.25 / 24
43.32 N ± 2.27km, 143.23 E ± 1.99km, h32 ± 0.68km
Hokkaido region (224)

CN2	12.9	278	eP	14 24 36.0	0.1		
			eS	14 27 00.0	0.4		
			LZ	M_S = 4.2		18.0	1.60
BJI	20.4	270	eP	14 26 09.0	−0.3		
QZH	27.3	236	eP	14 27 13.5	−1.9		
GTA	32.5	278	eP	14 27 57.5	−5.1		
WMQ	39.6	291	eP	14 29 02.0	−0.2		

JAN 15d 14h 27m 35.0 ± 0.43s, SD3.04 / 8
23.46 N ± 2.87km, 120.65 E ± 2.38km, h10 ± km
Taiwan (244)
M_L3.3 / 10,

QZH	2.4	309	ePn	14 28 13.5	−1.1		
			SMN	M_L = 3.6		0.2	0.39
			SME			0.2	0.27

JAN 15d 16h 46m 43.2 ± 0.32s, SD3.66 / 13
38.46 N ± 2.43km, 77.22 E ± 2.32km, h10 ± km
Southern Xinjiang Province (321)
M_L4.2 / 7,

KSH	1.5	317	Pg	16 47 08.1	−1.2		
			Sg	16 47 32.0	2.9		
			SMN	M_L = 4.2		0.4	2.50
			SME			0.5	3.90
WMQ	9.5	53	iP	16 49 04.2	0.1		
			S	16 50 55.0	2.8		
			SMN			0.8	0.020
			SME			1.0	0.040
GTA	17.6	80	eP	16 50 46.1	−4.6		

JAN 15d 18h 52m 50.9 ± 0.13s, SD1.90 / 22
58.71 S ± 3.51km, 26.21 W ± 2.65km, h116 ± 0.71km
South Sandwich Islands region (153)

GTA	141.0	95	ePKP	19 12 07.0	−1.8
XAN	141.5	110	PKP	19 12 08.8	−0.7
SSE	144.6	127	ePKP	19 12 13.5	−1.4
TIY	146.1	110	ePKP	19 12 18.4	0.9
BTO	147.1	104	ePKP	19 12 21.6	2.3
TIA	147.2	117	ePKP	19 12 20.9	1.7
BJI	149.8	111	ePKP	19 12 27.5	4.2

JAN 15d 19h 40m 51.6 ± 0.12s, SD2.29 / 38
38.00 N ± 1.35km, 76.57 E ± 1.75km, h28 ± 0.69km
Southern Xinjiang Province (321)
M_L4.4 / 6,

KSH	1.6	342	Pg	19 41 21.5	1.1			
			Sg	19 41 43.0	0.7			
			SMN	M_L=4.4		0.5	4.50	
			SME			0.5	4.10	
WMQ	10.2	52	P	19 43 17.8	−2.2			
			S	19 45 12.0	−2.5			
			SMN			1.0	0.080	
			SME			1.0	0.14	
LSA	14.7	120	eP	19 44 20.2	0.5			
GTA	18.2	78	−P	19 45 03.8	−0.4			
LZH	21.8	87	eP	19 45 44.0	0.0			
CD2	23.5	99	eP	19 46 01.5	1.5			
BTO	25.9	74	eP	19 46 24.8	1.0			
XAN	26.4	89	P	19 46 27.5	−0.4			
TIY	28.2	79	eP	19 46 49.4	4.8			

JAN 16d 07h 24m 19.6±0.07s, SD1.46/79
41.44 N±1.90km, 142.06 E±1.63km, h79±1.27km
Near east coast of Honshu (228)
M_S4.2/9, m_b5.3/3,

MDJ	9.7	293	eP	07 26 38.5	0.5			
			pP	07 26 41.2	2.1			
			eS	07 28 28.0	2.2			
			LZ	M_S=4.2		20.0	2.20	
CN2	12.5	286	eP	07 27 16.0	0.4			
			eS	07 29 31.0	−2.2			
			LE	M_S=4.2		12.0	1.00	
			LZ	M_S=4.3		16.0	2.00	
SNY	13.8	278	+P	07 27 35.0	1.5			
			sP	07 27 58.4	1.6			
			S	07 30 10.0	4.8			
			sS	07 30 25.0	−0.5			
			LN	M_S=4.1		10.0	0.51	
			LZ	M_S=4.7		8.0	2.19	
DL2	15.8	268	eP	07 28 01.0	1.9			
			epP	07 28 14.0	0.8			
			LZ	M_S=3.8		28.0	0.70	
BJI	19.6	275	eP	07 28 42.5	−2.2			
			epP	07 28 59.0	−0.9			
			LE	M_S=4.2		12.0	0.40	
			LZ	M_S=4.2		26.0	1.40	
SSE	19.7	245	eP	07 28 45.0	−0.3			
			pP	07 28 56.5	−4.0			
			sP	07 29 09.2	−2.0			
			ePP	07 29 11.0	4.4			
			eSS	07 32 51.0	2.3			
			LN	M_S=4.3		10.0	0.43	
			LZ	M_S=3.9		19.0	0.46	
TIA	20.1	263	+P	07 28 47.1	−2.3			
HHC	22.9	279	P	07 29 18.2	0.3			
			LZ	M_S=4.3		28.0	1.30	
TIY	23.1	271	eP	07 29 18.2	−1.2			
			LN	M_S=4.5		8.0	0.45	
			LZ	M_S=4.1		22.0	0.78	
BTO	24.1	279	eP	07 29 28.0	−1.5			
			sP	07 29 54.0	−2.6			
			eS	07 33 38.0	−1.1			
			LN	M_S=4.7		16.0	0.90	
			LE			16.0	1.00	
WHN	24.8	253	P	07 29 36.0	0.0			
			pP	07 29 57.0	3.5			
QZH	25.5	237	−P	07 29 44.0	1.5			
XAN	27.1	265	iP	07 29 56.4	−1.0			
LZH	30.1	272	eP	07 30 23.5	−0.9			
			pP	07 30 46.0	3.8			
			LZ	M_S=4.2		28.0	0.70	
GTA	32.0	281	eP	07 30 40.2	−0.8			
			PcP	07 33 31.0	2.3			
			PcS	07 37 15.2	3.2			
CD2	32.4	264	eP	07 30 43.4	−1.2			
GYA	32.7	254	P	07 30 47.0	0.0			
			PcP	07 33 32.4	1.9			
KMI	36.3	256	P	07 31 19.5	1.3			
WMQ	39.5	292	P	07 31 45.0	0.8			
			S	07 37 46.5	7.0			
			LZ	M_S=4.8		16.0	1.20	

JAN 16d 20h 11m 24.7±0.16s, SD1.70/26
32.86 N±1.92km, 142.10 E±2.81km, h36±0.36km
South of Honshu (211)
M_S4.0/2,

CN2	17.0	315	eP	20 15 21.0	−0.5			
SSE	17.8	270	eP	20 15 30.0	−2.0			
WHN	23.7	272	eP	20 16 35.0	0.6			
TIY	24.6	290	eP	20 16 42.0	−1.7			
			LN	M_S=4.4		10.0	0.36	
			LZ	M_S=4.2		18.0	0.61	
BTO	26.7	296	eP	20 17 04.2	0.8			
XAN	27.6	282	eP	20 17 09.9	−1.7			
GTA	34.5	293	eP	20 18 13.7	1.4			
WMQ	43.3	301	P	20 19 26.6	0.9			

JAN 16d 23h 28m 52.9±0.12s, SD2.96/20
22.77 N±1.37km, 99.62 E±1.37km, h13±0.60km
Burma–China border region (297)
M_S3.6/1, M_L4.1/6,

KMI	3.7	50	Pg	23 29 57.5	−1.0			
			Sg	23 30 44.0	−4.7			
			SMN	M_L=3.9		1.5	0.30	
			SME			1.5	0.30	
			LN	M_S=3.6		6.0	0.70	
			LE			6.0	0.60	
GYA	7.4	59	Pn	23 30 46.4	5.3			
			SMN	M_L=3.9		1.2	0.030	
			SME			1.2	0.050	
WHN	15.3	56	eP	23 32 29.7	−0.5			
GTA	16.6	1	eP	23 32 49.0	1.6			

JAN 17d 00h 35m 22.2±0.21s, SD1.58/90
6.09 S±2.43km, 149.00 E±2.87km, h31±0.36km
New Britain region (192)
M_S6.3/50, m_B6.1/31, m_b5.6/5,

QZH	42.7	317	+P	00 43 19.0	0.2			
			S	00 49 37.0	−2.6			
			ScS	00 53 15.0	0.4			
			LN	M_S=6.2		20.0	17.9	
			LZ	M_S=6.0		26.0	28.7	
GZH	45.3	311	P	00 43 40.0	0.3			
			S	00 50 19.0	1.9			
			LN	M_S=6.3		20.0	17.5	
			LE			18.0	13.8	
SSE	45.5	326	+P	00 43 42.0	0.6			
			PMZ	m_B=6.1		7.0	1.84	
			pP	00 43 54.0	3.7			
			sP	00 44 00.0	5.9			
			PcS	00 49 16.0	3.7			
			S	00 50 18.0	−2.1			
			sS	00 50 40.0	4.1			
			LN	M_S=6.4		18.0	20.3	
			LE			18.0	15.7	
			LZ	M_S=6.3		20.0	39.5	
QZN	45.9	304	+P	00 43 44.0	−0.6			
			eS	00 50 26.0	−0.9			
			sS	00 50 44.0	2.3			
			LN	M_S=6.1		21.0	10.7	
			LE			18.0	6.60	

International Seismological Centre

International Seismological Centre

NJ2	47.6	325	+iP	00	43	58.0	0.6		
			PMZ			$m_B = 6.1$		12.0	3.40
			pP	00	44	11.0	4.6		
			S	00	50	45.0	−4.0		
			sS	00	51	10.0	5.1		
			LN			$M_S = 6.5$		21.0	25.2
			LE					20.0	18.1
			LZ			$M_S = 6.1$		20.0	20.8
WHN	49.3	320	+P	00	44	15.0	4.5		
			PMZ			$m_B = 6.1$		8.0	1.90
			S	00	51	10.0	−2.8		
			SMN			$m_B = 6.0$		12.0	2.40
			sS	00	51	32.0	3.3		
			LN			$M_S = 6.2$		20.0	13.8
			LE					16.0	6.80
DL2	51.5	333	+P	00	44	27.0	−0.2		
			eS	00	51	37.5	−6.6		
			LN			$M_S = 6.6$		18.0	25.2
			LE					19.0	18.7
TIA	51.6	327	−P	00	44	27.9	−0.5		
			S	00	51	44.5	−0.7		
			sS	00	52	05.0	3.8		
			LN			$M_S = 6.6$		21.0	25.6
			LE					21.0	26.9
			LZ			$M_S = 6.4$		22.0	42.3
GYA	52.2	310	P	00	44	34.0	0.7		
			pP	00	44	46.0	3.8		
			PP	00	46	37.0	5.3		
			S	00	51	59.0	5.1		
			LN			$M_S = 6.0$		17.0	6.35
			LE					17.0	5.04
SNY	53.0	336	+iP	00	44	39.0	−0.1		
			PMZ			$m_B = 6.1$		8.0	2.19
			pP	00	44	49.0	0.9		
			PcP	00	45	45.0	−1.7		
			S	00	52	08.0	3.4		
			sS	00	52	25.5	4.7		
			SMN			$m_B = 6.1$		10.0	2.14
			SME					10.0	1.57
			LN			$M_S = 6.4$		18.0	17.1
			LE					17.0	9.01
			LZ			$M_S = 6.3$		18.0	26.5
MDJ	53.4	343	+P	00	44	41.4	−0.4		
			pP	00	44	54.0	3.2		
			S	00	52	11.0	1.4		
			LN			$M_S = 6.4$		20.0	20.5
			LZ			$M_S = 6.4$		20.0	35.4
CN2	54.0	339	−P	00	44	46.7	0.3		
			PMZ			$m_B = 6.3$		6.0	2.20
			PP	00	46	52.0	3.5		
			S	00	52	18.0	−0.1		
			SMN			$m_B = 6.1$		12.0	3.04
			sS	00	52	39.0	4.8		
			LN			$M_S = 6.4$		19.0	19.1
			LZ			$M_S = 6.1$		20.0	18.1
KMI	54.6	307	eP	00	44	50.5	−0.6		
			PMZ			$m_B = 6.0$		6.0	1.30
			sP	00	45	09.0	5.3		
			eS	00	52	24.0	−3.8		
			iS	00	52	29.0	1.2		
			SMN			$m_B = 6.0$		6.0	1.20
			LN			$M_S = 6.2$		18.0	10.5
BJI	55.0	329	eP	00	44	53.0	−0.3		
			PMZ			$m_B = 6.0$		7.0	1.30
			eS	00	52	30.0	−1.8		
			esS	00	52	50.0	3.2		
			LN			$M_S = 6.4$		21.0	22.2
XAN	55.0	319	eP	00	44	52.4	−1.4		
			PMZ			$m_B = 5.9$		8.0	1.42
			S	00	52	29.7	−1.8		
			LN			$M_S = 6.4$		23.0	16.7
			LE					25.0	21.6
TIY	55.3	325	iP	00	44	55.0	−0.8		
			PMZ			$m_B = 6.0$		8.0	1.68
			pP	00	45	07.5	2.7		
			PP	00	46	57.0	−3.1		
			S	00	52	32.0	−3.2		
			sS	00	52	55.5	4.2		
			LN			$M_S = 6.4$		20.0	19.0
CD2	56.8	313	eP	00	45	05.8	−0.6		
			eS	00	52	55.0	−1.0		
			sS	00	53	14.0	3.2		
			LN			$M_S = 6.3$		19.0	15.9
			LZ			$M_S = 6.0$		20.0	12.4
HHC	58.0	327	+iP	00	45	14.0	−0.9		
			PP	00	47	25.5	1.4		
			SMN			$m_B = 6.3$		10.0	1.54
			SME					10.0	3.64
			LN			$M_S = 6.5$		20.0	18.2
			LE					20.0	19.3
BTO	58.6	326	+iP	00	45	20.0	0.4		
			PP	00	47	30.5	0.3		
			S	00	53	19.0	−0.3		
			SS	00	57	11.0	−3.0		
			LN			$M_S = 6.7$		20.0	25.1
			LE					20.0	26.3
			LZ			$M_S = 6.5$		22.0	40.3
LZH	59.6	318	eP	00	45	27.0	0.8		
			PMZ			$m_B = 6.0$		8.0	1.48
			eS	00	53	32.0	−1.1		
			SME			$m_B = 6.2$		9.0	2.99
			LN			$M_S = 6.3$		20.0	8.90
			LE					22.0	14.0
			LZ			$M_S = 6.4$		23.0	33.1
GTA	64.1	319	+P	00	45	55.2	−1.2		
			PMZ			$m_B = 6.0$		8.0	1.50
			sP	00	46	08.0	−1.2		
			PP	00	48	16.0	−2.3		
			S	00	54	26.0	−2.5		
			sS	00	54	42.0	−2.9		
			SS	00	58	34.0	−5.0		
			LE			$M_S = 6.4$		20.0	15.6
			LZ			$M_S = 6.1$		21.0	13.4
LSA	65.9	306	P	00	46	08.3	0.0		
			sP	00	46	25.6	4.8		
			S	00	54	51.0	0.5		
			LN			$M_S = 6.1$		21.0	4.50
			LE					22.0	6.80
WMQ	74.2	319	P	00	46	57.0	−1.3		
			PMZ			$m_B = 6.0$		6.0	1.13
			pP	00	47	08.0	0.7		
			PP	00	49	45.0	0.3		
			S	00	56	28.0	0.9		
			SMN			$m_B = 6.2$		8.0	1.55
			sS	00	56	47.0	3.3		
			ScS	00	57	02.0	0.1		
			LN			$M_S = 6.0$		14.0	3.34
			LZ			$M_S = 6.0$		20.0	8.00
KSH	81.0	311	eP	00	47	36.0	−0.3		
			sP	00	47	54.0	5.1		
			ePP	00	50	40.0	−2.1		
			S	00	57	40.0	−0.4		
			LE			$M_S = 6.4$		18.0	10.0

JAN 17d 05h 04m 13.4 ± 0.10s, SD1.13 / 51
2.04 S ± 1.21km, 139.01 E ± 1.76km, h33 ± 0.21km

International Seismological Centre

(201)

West Irian

SSE	37.1	334	−P	05 11 22.8	0.2	
			pP	05 11 31.5	−0.3	
WHN	40.0	326	eP	05 11 48.0	0.7	
XAN	45.7	324	eP	05 12 33.2	−0.4	
TIY	46.6	331	P	05 12 41.3	0.7	
BJI	46.8	336	eP	05 12 42.0	−0.2	
CD2	46.9	317	eP	05 12 43.4	0.4	
MDJ	47.2	351	eP	05 12 45.0	−0.4	
CN2	47.2	347	eP	05 12 45.0	−0.6	
HHC	49.5	333	eP	05 13 03.6	0.4	
BTO	50.0	331	eP	05 13 07.4	0.2	
LZH	50.1	323	eP	05 13 09.0	0.7	
GTA	54.7	323	eP	05 13 42.5	0.0	
WMQ	64.7	321	P	05 14 51.0	0.1	

JAN 17d 06h 40m 35.0 ± 0.07s, SD1.42 45
43.97 N ± 2.02km, 147.13 E ± 1.40km, h89 ± 1.12km
Kurile Islands (221)
m_b4.9 / 2,

MDJ	12.6	279	−P	06 43 32.2	−0.1	
CN2	15.6	277	−P	06 44 10.0	−1.6	
SNY	17.4	271	−iP	06 44 34.4	1.0	
BJI	23.3	271	eP	06 45 35.0	−0.5	
TIA	24.1	262	eP	06 45 43.8	−0.1	
SSE	24.1	247	−P	06 45 45.5	1.5	
			sP	06 46 15.5	1.0	
HHC	26.3	276	P	06 46 06.8	2.1	
BTO	27.5	276	P	06 46 16.4	0.7	
XAN	31.1	265	eP	06 46 45.2	−2.0	
CD2	36.4	264	P	06 47 32.9	−0.3	
GYA	37.0	255	P	06 47 37.0	−0.9	
WMQ	42.0	291	P	06 48 20.0	0.5	
			S	06 54 32.0	1.3	

JAN 17d 12h 28m 44.2 ± 0.18s, SD3.72 / 11
36.78 N ± 2.16km, 83.59 E ± 1.16km, h10 ± 0.29km
Southern Xinjiang Province (321)
M_L4.1 / 9,

KSH	6.6	297	Pn	12 30 23.5	1.3		
			ePg	12 30 46.0	4.8		
			Sn	12 31 39.3	−0.7		
			Sg	12 32 15.2	3.3		
			SMN	M_L = 4.5	0.7	0.20	
			SME		0.5	0.30	
WMQ	7.7	23	ePn	12 30 42.6	5.8		
			Sn	12 32 02.0	−4.4		
			SMN	M_L = 4.0	1.0	0.050	
			SME		0.8	0.050	
TIY	22.9	79	eP	12 33 51.3	1.2		

JAN 17d 18h 55m 25.7 ± 0.65s, SD3.12 / 6
23.31 N ± 4.26km, 120.37 E ± 3.40km, h5 ± km
Taiwan region (243)
M_L3.1 / 7,

QZH	2.3	315	ePn	18 56 03.4	−1.2		
			Sn	18 56 33.2	−2.0		
			SMN	M_L = 3.0	0.6	0.14	
			SME		0.5	0.070	

JAN 17d 20h 08m 30.2 ± 0.12s, SD0.93 / 63
5.73 S ± 1.12km, 150.36 E ± 1.14km, h92 ± 0.63km
New Britain region (192)

QZH	43.4	316	P	20 16 26.4	0.6
WHN	49.9	318	eP	20 17 16.5	−0.2
DL2	51.8	331	eP	20 17 31.5	0.5
TIA	52.1	326	eP	20 17 32.6	−0.6
GYA	53.1	309	P	20 17 41.4	0.6
SNY	53.3	335	+P	20 17 42.4	0.2
MDJ	53.5	342	+iP	20 17 44.0	0.2
CN2	54.2	338	+P	20 17 48.9	−0.1
BJI	55.4	328	eP	20 17 57.5	0.1
XAN	55.7	318	P	20 17 59.0	−0.6
TIY	55.8	324	eP	20 18 01.0	0.3
CD2	57.5	312	P	20 18 13.2	0.3
HHC	58.4	326	eP	20 18 19.0	−0.2
BTO	59.1	325	eP	20 18 23.2	−0.9
LZH	60.2	317	eP	20 18 32.5	0.7
GTA	64.7	319	P	20 19 01.6	0.1
WMQ	74.8	318	eP	20 20 01.2	−1.7

JAN 18d 04h 33m 19.9 ± 0.12s, SD1.53 / 12
22.55 N ± 1.96km, 119.93 E ± 1.85km, h6 ± 1.55km
Taiwan region (243)
M_L3.5 / 9,

QZH	2.7	333	Pn	04 34 05.0	1.1
GZH	6.1	276	eP	04 34 52.4	−0.6
			eS	04 36 10.0	6.2
GTA	24.0	319	eP	04 38 36.2	−0.5

JAN 18d 04h 40m 48.9 ± 0.10s, SD0.73 / 20
18.01 S ± 0.76km, 178.47 W ± 0.76km, h579 ± 1.04km
Fiji region (181)

MDJ	78.2	325	eP	04 51 51.0	−0.4
CN2	80.1	322	eP	04 52 00.5	−0.5
WHN	80.6	306	eP	04 52 03.5	−0.3
BJI	83.8	315	eP	04 52 20.0	0.1
GYA	85.0	300	P	04 52 26.0	−0.1
XAN	86.3	307	iP	04 52 33.1	1.2

JAN 18d 12h 00m 57.9 ± 0.08s, SD4.67 / 5
22.84 N ± 0.36km, 117.49 E ± 1.21km, h8 ± 1.35km
Near south-eastern coast of China (242)
M_L3.1 / 7,

QZH	2.3	26	ePg	12 01 39.6	0.7		
			SMN	M_L = 3.0	0.3	0.060	
			SME		0.3	0.13	

JAN 18d 13h 53m 07.4 ± 0.11s, SD0.74 / 66
21.46 S ± 1.40km, 178.07 W ± 1.19km, h366 ± 0.64km
Fiji region (181)

QZH	76.9	304	+P	14 04 22.5	0.3
SSE	78.2	310	−iP	14 04 29.5	−0.1
NJ2	80.4	310	+P	14 04 42.1	0.9
MDJ	81.3	325	−P	14 04 45.0	−0.5
DL2	82.4	317	eP	14 04 52.0	0.7
SNY	82.9	320	eP	14 04 53.2	−0.7
WHN	83.0	307	P	14 04 54.5	0.3
CN2	83.0	323	−P	14 04 54.2	−0.3
TIA	83.9	313	P	14 04 58.4	−0.4
BJI	86.5	315	eP	14 05 11.5	−0.2
GYA	87.1	300	P	14 05 15.0	0.6
TIY	87.9	312	eP	14 05 18.3	0.1
XAN	88.7	307	P	14 05 21.6	−0.3
KMI	89.7	297	P	14 05 28.0	1.0
HHC	90.0	314	eP	14 05 28.0	−0.1
BTO	90.9	314	eP	14 05 33.0	0.7
CD2	91.2	303	eP	14 05 33.4	−0.5
LZH	93.3	307	eP	14 05 43.5	0.0
GTA	97.5	309	eP	14 06 02.4	−0.3

JAN 18d 15h 45m 40.5 ± 0.13s, SD2.48 / 45
32.51 N ± 1.39km, 93.97 E ± 1.39km, h32 ± 0.05km
Tibet (306)
M_S4.2 / 10,

LSA	3.7	222	Pn	15 46 40.8	4.4

International Seismological Centre

			Pg	15 46 47.0	1.0			
			Sn	15 47 24.0	4.0			
			Sg	15 47 33.0	−3.7			
			LE	M_S=4.0		4.0	1.40	
GTA	8.4	33	eP	15 47 41.0	−1.6			
			LE	M_S=3.8		10.0	0.61	
			LZ	M_S=4.1		8.0	1.00	
CD2	8.5	98	eP	15 47 46.2	1.9			
			eS	15 49 24.0	4.0			
			LE	M_S=4.5		8.0	2.47	
			LZ	M_S=4.4		8.0	2.02	
LZH	8.9	64	P	15 47 48.0	−2.3			
			LN	M_S=4.3		8.0	0.70	
			LE			7.0	0.90	
			LZ	M_S=4.0		10.0	0.80	
KMI	10.6	132	eP	15 48 13.0	−1.1			
WMQ	12.3	338	P	15 48 32.5	−4.3			
GYA	12.6	115	P	15 48 38.4	−2.0			
			pP	15 48 46.4	−0.8			
			S	15 50 53.4	−6.6			
XAN	12.6	79	eP	15 48 37.8	−2.8			
BTO	15.2	53	eP	15 49 16.0	1.2			
TIY	16.0	66	eP	15 49 25.0	0.3			
			LN	M_S=4.2		8.0	0.40	
			LZ	M_S=4.0		16.0	0.60	
WHN	17.5	91	eP	15 49 41.0	−2.7			
BJI	19.4	61	eP	15 50 06.0	−0.7			
SSE	23.2	86	eP	15 50 46.0	0.7			
			LE	M_S=4.5		8.0	0.43	
CN2	27.0	56	+P	15 51 21.0	−1.3			
			pP	15 51 31.0	−0.1			
			eS	15 55 53.0	−3.3			
			LZ	M_S=4.3		15.0	0.60	

JAN 18d 17h 32m 10.3±0.43s, SD1.93/69
7.04 S±2.50km, 74.52 W±2.06km, h134±3.58km
Northern Peru (111)

MDJ	137.1	335	ePKP	17 51 15.0	−3.7
CN2	139.4	338	+PKP	17 51 23.8	0.8
WMQ	140.2	20	PKP	17 51 23.0	−1.5
DL2	145.1	338	−PKP	17 51 31.5	−1.4
			pPKP	17 52 10.0	2.6
BJI	145.8	345	PKP	17 51 34.0	−0.1
HHC	145.9	352	iPKP	17 51 35.3	0.8
BTO	146.3	354	PKP	17 51 37.5	2.3
GTA	147.4	8	−iPKP	17 51 37.6	0.7
TIY	148.8	349	PKP	17 51 39.8	0.6
			sPKP	17 52 22.5	−5.7
			ePP	17 55 13.0	−3.3
TIA	149.1	341	ePKP	17 51 39.6	0.1
LZH	151.1	3	PKP	17 51 44.0	1.3
SSE	151.9	330	PKP	17 51 45.0	1.2
			PKP2	17 51 59.8	−1.4
NJ2	152.2	335	−iPKP	17 51 45.4	1.3
			sPKP	17 52 29.6	−3.7
XAN	152.9	354	+iPKP	17 51 45.2	−0.1
LSA	153.7	29	−PKP	17 51 49.2	2.4
WHN	155.2	342	PKP	17 51 49.5	1.2
CD2	156.2	4	ePKP	17 51 51.0	1.3
GYA	160.7	357	PKP	17 51 56.0	0.9
			pPKP	17 52 35.6	5.7
			PKP2	17 52 38.2	−0.3
			PP	17 56 17.0	−5.2

JAN 18d 17h 58m 49.0±0.10s, SD1.91/25
0.75 S±1.43km, 136.73 E±2.13km, h29±0.29km
West Irian region (196)

SSE	34.9	336	+P	18 05 42.2	1.4			
			pP	18 05 49.0	−0.4			
CD2	44.4	318	eP	18 06 57.2	−2.2			
BJI	44.7	337	eP	18 07 02.0	0.1			
			pP	18 07 10.0	−0.6			
CN2	45.5	349	eP	18 07 08.5	0.5			
MDJ	45.6	353	eP	18 07 07.0	−2.0			

JAN 18d 18h 22m 46.2±0.10s, SD2.04/92
30.06 N±1.06km, 100.10 E±1.06km, h31±0.22km
Sichuan Province (307)
M_S5.2/51, M_L5.1/4, m_B5.2/5,

CD2	3.3	74	ePn	18 23 40.4	4.6		
			Sg	18 24 24.0	−5.1		
			LN	M_S=4.9		6.0	20.0
KMI	5.4	154	Pn	18 24 10.0	4.1		
			Sn	18 25 15.0	6.0		
			SMN	m_B=5.8		4.0	8.20
			LE	M_S=5.1		10.0	22.7
LZH	6.8	27	Pn	18 24 27.0	2.8		
			LN	M_S=5.5		7.0	17.9
			LE			7.0	19.6
			LZ	M_S=4.7		12.0	6.20
GYA	6.8	120	Pn	18 24 27.2	2.7		
			Sn	18 25 42.6	−0.2		
			LN	M_S=5.5		8.0	33.0
			LE			8.0	17.0
LSA	7.8	270	+P	18 24 41.2	0.7		
			S	18 26 09.0	1.3		
			LN	M_S=5.0		7.5	3.80
			LE			7.0	5.80
XAN	8.5	60	P	18 24 48.5	−1.3		
			S	18 26 25.5	0.3		
			LN	M_S=5.2		10.0	13.1
GTA	9.3	359	eP	18 25 03.0	1.2		
			LN	M_S=5.1		9.5	5.32
			LE			7.5	5.86
			LZ	M_S=5.1		10.0	10.0
WHN	12.3	84	P	18 25 39.5	−3.0		
			pP	18 25 47.0	−2.4		
			LN	M_S=5.1		10.0	4.10
			LE			10.0	4.90
			LZ	M_S=5.1		12.0	9.10
TIY	12.8	50	eP	18 25 46.2	−2.4		
			LN	M_S=5.2		8.0	5.93
			LZ	M_S=5.0		12.0	6.87
BTO	13.3	35	P	18 25 54.0	−1.1		
			pP	18 26 01.0	−0.9		
			eS	18 28 19.0	−3.7		
			LN	M_S=5.6		9.0	11.4
			LE			9.0	9.70
			LZ	M_S=5.3		9.0	9.40
GZH	13.7	117	P	18 26 01.2	0.1		
			eS	18 28 33.5	−0.1		
			LN	M_S=5.4		12.0	11.5
			LE			10.0	6.10
			LZ	M_S=5.0		12.0	5.50
QZN	14.1	139	eP	18 26 05.5	−0.6		
			eS	18 28 39.0	−3.6		
			LN	M_S=5.3		10.5	6.30
			LE			10.5	6.60
HHC	14.2	38	P	18 26 07.0	−1.0		
			S	18 28 42.0	−3.4		
			LN	M_S=5.5		11.0	7.00
			LE			11.0	9.70
			LZ	M_S=5.4		11.0	12.7
TIA	15.5	62	eP	18 26 23.8	−0.7		
			eS	18 29 17.0	1.0		
			LN	M_S=4.6		10.0	0.80

			LE				10.0	1.18
			LZ		$M_S=4.6$		10.0	1.91
NJ2	16.2	78	+P	18 26 34.0		0.8		
			LN		$M_S=5.3$		10.0	1.95
			LE				9.0	4.92
			LZ		$M_S=5.4$		10.0	10.9
BJI	16.5	49	eP	18 26 36.5		−0.3		
			eS	18 29 38.0		−0.3		
			SMN				2.0	0.38
			SME				2.0	0.26
			LN		$M_S=5.0$		10.0	2.60
			LE				11.0	2.00
			LZ		$M_S=4.9$		14.0	4.10
WMQ	16.9	328	P	18 26 43.5		1.3		
			PMZ		$m_B=5.2$		4.0	0.47
			eS	18 29 53.0		4.8		
			SME		$m_B=5.2$		5.0	0.65
			LN		$M_S=5.0$		10.0	3.03
			LZ		$M_S=4.7$		12.0	2.38
QZH	17.2	103	+P	18 26 44.6		−0.9		
			eS	18 29 53.0		−1.2		
			LE		$M_S=5.2$		9.0	4.17
			LZ		$M_S=5.1$		10.0	5.08
SSE	18.2	81	−P	18 27 00.5		2.3		
			sP	18 27 14.5		4.4		
			LN		$M_S=5.3$		7.0	1.10
			LE				8.0	4.25
			LZ		$M_S=5.2$		8.0	4.77
DL2	19.8	58	P	18 27 17.0		0.1		
			S	18 30 53.0		0.5		
			LN		$M_S=4.9$		12.0	1.36
			LE				12.0	1.33
KSH	21.9	302	eP	18 27 40.0		0.9		
			eS	18 31 34.0		−0.7		
			LE		$M_S=5.4$		8.0	3.90
SNY	22.3	52	+iP	18 27 43.0		0.7		
			PMZ		$m_B=5.2$		7.0	0.72
			pP	18 27 51.0		0.1		
			S	18 31 42.0		2.0		
			sS	18 31 57.0		2.4		
			LN		$M_S=5.1$		7.5	1.23
			LE				12.0	1.76
			LZ		$M_S=4.6$		17.0	1.89
CN2	24.4	49	−P	18 28 03.0		0.3		
			PMZ				3.0	0.80
			pP	18 28 11.8		0.4		
			eS	18 32 20.0		2.5		
			LE		$M_S=5.2$		9.0	2.10
			LZ		$M_S=5.0$		13.0	3.30
MDJ	27.4	50	eP	18 28 30.0		−1.3		
			pP	18 28 37.0		−3.0		
			S	18 33 02.0		−5.2		
			LE		$M_S=5.2$		9.0	2.02
			LZ		$M_S=5.0$		14.0	2.67

JAN 18d 18h 33m 20.1 ± 0.07s, SD1.94 / 15
39.34 N ± 0.61km, 118.37 E ± 0.68km, h18 ± 0.25km
North-Eastern China (658)
M_L3.2 / 11,

BJI	1.8	293	Pg	18 33 52.0		−0.6		
			eSg	18 34 15.5		−2.3		
			SMN		$M_L=3.2$		0.5	0.22
			SME				0.5	0.19
DL2	2.6	99	Pg	18 34 08.6		3.1		
			Sg	18 34 40.0		−0.7		
			SMN		$M_L=3.2$		0.7	0.16
			SME				0.7	0.11
TIA	3.3	198	ePn	18 34 12.3		1.2		
			Sn	18 34 52.3		0.8		
			SMN		$M_L=2.9$		0.2	0.033
			SME				0.2	0.043
			SMZ		$M_L=2.9$		0.2	0.029
TIY	4.9	253	Pg	18 34 48.4		1.0		
			eSg	18 35 52.2		−2.4		
			SMN		$M_L=3.1$		0.7	0.020
			SME				0.8	0.030

JAN 18d 19h 30m 04.4 ± 0.10s, SD2.13 / 39
32.54 N ± 1.10km, 93.95 E ± 1.14km, h32 ± 0.17km
Tibet (306)
M_S4.2 / 7, M_L3.5 / 2,

LSA	3.7	221	Pn	19 31 04.5		4.1		
			Pg	19 31 10.5		0.4		
			LE		$M_S=4.0$		4.0	1.30
GTA	8.3	33	eP	19 32 05.0		−1.2		
			LN		$M_S=3.9$		7.5	0.62
			LZ		$M_S=4.1$		9.0	0.94
CD2	8.5	98	P	19 32 10.0		1.5		
			eS	19 33 50.0		5.5		
			LN		$M_S=4.5$		7.0	2.06
			LZ		$M_S=4.5$		9.0	2.82
LZH	8.9	64	eP	19 32 15.0		0.8		
			LN		$M_S=4.2$		7.0	0.70
			LE				8.0	0.70
WMQ	12.3	338	P	19 32 56.5		−3.5		
XAN	12.6	79	P	19 33 03.0		−1.6		
GYA	12.6	115	P	19 33 02.4		−2.4		
			S	19 35 22.4		−2.3		
BTO	15.2	54	eP	19 33 38.6		0.0		
TIY	16.0	66	eP	19 33 49.2		0.6		
			LN		$M_S=4.1$		9.0	0.34
BJI	19.4	61	eP	19 34 31.5		1.0		
SNY	25.3	60	+P	19 35 29.2		−0.3		
CN2	27.0	56	eP	19 35 47.8		1.8		

JAN 19d 01h 43m 51.8 ± 0.09s, SD1.74 / 79
22.40 N ± 1.46km, 121.61 E ± 1.41km, h30 ± 1.15km
Taiwan region (243)
M_S4.6 / 27, M_L4.5 / 15, m_B5.0 / 1,

QZH	3.7	313	Pn	01 44 47.4		−0.6		
			Sn	01 45 28.1		−4.6		
			SMN		$M_L=4.3$		0.3	0.45
			SME				0.6	0.88
			LZ		$M_S=4.1$		12.0	3.38
GZH	7.7	277	P	01 45 44.4		0.3		
			S	01 47 10.5		−0.1		
			LN		$M_S=4.2$		9.0	1.10
			LE				12.0	1.60
			LZ		$M_S=4.2$		16.0	2.50
SSE	8.7	358	eP	01 46 00.2		2.1		
			SMN		$M_L=4.3$		1.1	0.047
			SME				1.2	0.079
			LN		$M_S=4.2$		10.0	1.28
			LZ		$M_S=4.1$		12.0	1.36
NJ2	9.9	346	eP	01 46 15.0		−0.5		
			LN		$M_S=4.5$		9.0	1.67
			LE				9.0	1.37
WHN	10.4	323	P	01 46 20.5		−1.4		
			sP	01 46 37.0		3.8		
			S	01 48 11.5		−6.7		
			LN		$M_S=4.4$		12.0	1.00
			LE				10.0	1.40
			LZ		$M_S=4.5$		14.0	3.00
QZN	11.5	255	eP	01 46 38.6		1.4		
			eS	01 48 45.0		−0.9		
			LN		$M_S=4.6$		14.0	1.00

International Seismological Centre

International Seismological Centre

			LE				14.0	2.70
GYA	14.2	290	P	01 47 12.0	−1.2			
			pP	01 47 23.4	3.5			
			SS	01 50 03.0	−3.6			
			LN	$M_S = 4.5$		9.0	0.40	
			LE			9.0	1.10	
TIA	14.3	345	eP	01 47 19.8	5.4			
XAN	16.1	319	eP	01 47 36.2	−1.5			
			S	01 50 27.9	−6.4			
			LN	$M_S = 4.6$		12.0	1.05	
			LE			12.0	1.04	
DL2	16.4	0	eP	01 47 44.0	1.9			
			eS	01 50 44.0	0.7			
			LN	$M_S = 4.4$		12.0	1.02	
			LZ	$M_S = 4.2$		12.0	0.69	
TIY	17.2	335	+P	01 47 54.4	2.9			
			PP	01 48 10.5	4.9			
			LN	$M_S = 5.0$		11.5	3.13	
			LZ	$M_S = 5.0$		13.0	4.55	
KMI	17.5	283	P	01 47 59.0	3.6			
CD2	18.0	302	eP	01 48 02.0	−0.3			
			LN	$M_S = 4.8$		8.0	1.37	
BJI	18.2	347	eP	01 48 05.0	1.2			
			eS	01 51 24.0	1.2			
			LN	$M_S = 4.3$		10.0	0.57	
			LZ	$M_S = 4.1$		15.0	0.64	
SNY	19.4	4	eP	01 48 19.6	0.8			
HHC	20.3	338	eP	01 48 27.4	−0.4			
			eS	01 52 07.0	−1.9			
			LN	$M_S = 4.6$		10.0	0.50	
			LE			10.0	0.60	
			LZ	$M_S = 4.4$		16.0	1.20	
LZH	20.6	315	eP	01 48 32.5	1.1			
			PMZ	$m_b = 5.2$		2.0	0.22	
			SMN	$m_B = 5.0$		7.0	0.45	
			LE	$M_S = 4.5$		9.0	0.60	
BTO	20.6	334	eP	01 48 32.0	0.4			
			pP	01 48 44.0	4.4			
			eS	01 52 15.0	−0.9			
			LN	$M_S = 5.2$		12.0	3.10	
			LE			12.0	2.40	
			LZ	$M_S = 4.9$		12.0	3.00	
CN2	21.6	8	eP	01 48 39.6	−1.6			
MDJ	23.1	15	eP	01 48 55.0	−1.4			
			pP	01 49 04.0	−0.8			
			S	01 53 04.0	3.0			
			LZ	$M_S = 4.2$		16.0	0.58	
GTA	25.1	317	eP	01 49 16.6	0.4			
			S	01 53 36.0	0.2			
			LE	$M_S = 4.6$		13.0	0.76	
			LZ	$M_S = 4.5$		16.0	1.20	
LSA	28.3	291	P	01 49 46.7	1.5			
WMQ	35.2	315	P	01 50 45.6	0.1			
			pP	01 50 57.6	3.5			
			eS	01 56 16.0	−0.2			
			LZ	$M_S = 4.4$		12.0	0.41	

JAN 19d 03h 17m 51.2 ± 0.13s, SD2.89 / 32
3.67 S ± 6.44km, 104.78 W ± 7.99km, h5 ± km
Northern Easter I. Cordillera (694)
M_S6.2 / 12,

MDJ	117.4	319	ePKP	03 36 38.5	−0.5			
			PP	03 37 48.0	−5.9			
			LZ	$M_S = 5.6$		32.0	2.09	
BJI	128.3	320	ePKP	03 37 02.0	1.8			
			ePP	03 39 10.0	2.7			
			eSS	03 56 20.0	0.7			
			LN	$M_S = 6.2$		20.0	1.20	
			LE			20.0	3.20	
			LZ	$M_S = 6.2$		22.0	3.00	
SSE	128.9	308	ePKP	03 37 00.0	−1.3			
			LE	$M_S = 6.1$		20.0	2.80	
			LZ	$M_S = 6.0$		24.0	3.52	
HHC	130.6	324	PKP	03 37 09.0	4.1			
			LZ	$M_S = 5.9$		33.0	4.00	
BTO	131.7	324	ePKP	03 37 11.5	4.6			
			LN	$M_S = 6.2$		18.0	1.50	
			LE			20.0	2.60	
			LZ	$M_S = 6.1$		20.0	3.60	
TIY	132.0	320	ePKP	03 37 07.0	−0.4			
			PP	03 39 26.5	−4.8			
			LE	$M_S = 6.1$		20.0	2.50	
GTA	138.0	331	ePKP	03 37 20.3	1.7			
			LE	$M_S = 6.3$		19.0	3.66	
			LZ	$M_S = 6.1$		26.0	4.26	
WMQ	138.5	346	ePKP	03 37 15.4	−4.1			
			PP	03 40 12.0	−0.5			
			LZ	$M_S = 6.2$		21.0	4.66	
CD2	141.8	318	ePKP	03 37 28.3	3.0			
			ePP	03 40 27.0	−5.3			
			LN	$M_S = 6.5$		19.0	5.06	
			LZ	$M_S = 6.1$		20.0	3.23	
GYA	142.3	310	PKP	03 37 24.2	−2.1			
KSH	144.3	359	ePKP	03 37 29.0	−0.7			
			ePP	03 40 50.0	2.7			
			SKS	03 44 34.0	−1.6			
			LN	$M_S = 6.4$		18.0	4.30	
LSA	150.0	331	ePKP	03 37 37.6	−2.0			

JAN 19d 06h 53m 27.5 ± 0.10s, SD1.32 / 26
33.90 N ± 1.66km, 118.68 W ± 1.10km, h15 ± 0.76km
Southern California (43)

MDJ	80.3	318	eP	07 05 39.0	−1.3			
CN2	83.1	319	eP	07 05 54.0	−1.0			
SNY	85.4	318	eP	07 06 05.0	−1.8			
BJI	90.7	321	eP	07 06 32.0	0.1			
HHC	92.4	324	eP	07 06 40.8	0.8			
BTO	93.3	325	eP	07 06 45.0	0.7			

JAN 19d 10h 51m 05.0 ± 0.43s, SD4.50 / 7
38.25 N ± 2.83km, 77.03 E ± 3.04km, h19 ± 0.18km
Southern Xinjiang Province (321)
M_L3.4 / 6,

KSH	1.5	326	+iPn	10 51 30.0	−2.2			
			Sn	10 51 54.0	0.8			
			SMN	$M_L = 3.5$		0.4	0.70	
			SME			0.5	0.60	

JAN 19d 11h 52m 54.6 ± 0.10s, SD2.15 / 23
29.85 N ± 0.95km, 94.81 E ± 0.80km, h33 ± 0.28km
India–China border region (313)
M_L3.8 / 4,

LSA	3.2	268	+Pg	11 53 49.4	−2.2			
			SME	$M_L = 3.5$		0.5	0.16	
GTA	10.4	22	eP	11 55 23.8	−0.9			
GYA	11.0	105	P	11 55 31.0	−1.9			
TIY	16.6	57	eP	11 56 47.8	1.1			

JAN 19d 17h 05m 30.0 ± 0.19s, SD1.48 / 29
51.45 N ± 1.97km, 175.18 W ± 1.33km, h43 ± 1.70km
Andreanof Islands (7)

CN2	39.8	283	eP	17 12 57.5	−3.2			
SNY	42.0	282	−P	17 13 19.8	0.6			
BJI	47.6	284	eP	17 14 03.5	−0.3			
XAN	55.9	283	eP	17 15 04.7	−1.6			
GTA	57.6	294	eP	17 15 17.5	−1.5			

International Seismological Centre

GYA	62.6	279	P	17 15 52.0	−0.7		

JAN 19d 20h 35m 41.4 ± 0.18s, SD2.26 / 23
18.96 S ± 2.20km, 67.23 W ± 0.69km, h218 ± 1.60km
Southern Bolivia (125)

WMQ	147.5	35	ePKP	20 54 57.0	−0.9		
MDJ	150.8	335	ePKP	20 55 04.5	1.5		
CN2	153.0	339	ePKP	20 55 08.5	2.2		
GTA	156.7	26	ePKP	20 55 10.6	−0.7		
GYA	170.7	36	PKP	20 55 23.8	−0.2		

JAN 19d 21h 34m 14.5 ± 0.13s, SD2.10 / 24
30.19 N ± 1.53km, 131.05 E ± 1.67km, h89 ± 2.60km
Ryukyu Islands (238)

SSE	8.5	279	eP	21 36 17.5	0.0		
CN2	14.3	343	eP	21 37 38.0	3.9		
			pP	21 37 48.5	1.1		
			eS	21 40 11.0	0.0		
			LZ	M_S = 3.8		16.0	0.50
BJI	15.6	313	eP	21 37 54.0	3.0		
TIY	17.2	301	eP	21 38 10.4	0.1		
XAN	19.1	287	eP	21 38 30.0	−3.4		
GYA	21.8	266	P	21 39 01.4	0.7		
LZH	23.5	292	eP	21 39 19.5	2.1		
CD2	23.5	279	eP	21 39 18.2	0.8		
GTA	27.1	298	eP	21 39 50.0	−1.8		

JAN 19d 23h 26m 03.0 ± 0.12s, SD2.66 / 23
40.62 N ± 1.25km, 113.89 E ± 0.97km, h11 ± 0.31km
North−Eastern China (658)
M_L3.8 / 18,

HHC	1.8	278	Pg	23 26 34.5	−0.2		
			Sg	23 27 00.6	1.7		
			SMN	M_L = 3.7		0.8	0.70
BJI	1.8	108	ePg	23 26 33.5	−2.2		
			eSg	23 26 57.5	−3.4		
			SMN	M_L = 4.6		0.5	5.34
			SME			0.5	6.03
BTO	2.9	271	Pg	23 26 56.0	0.7		
			Sg	23 27 34.8	−0.6		
			SMN	M_L = 3.6		0.6	0.36
			SME			0.6	0.18
TIY	3.1	202	Pg	23 26 58.2	−0.1		
			Sg	23 27 38.9	−1.9		
			SMN	M_L = 4.0		0.5	0.35
			SME			0.5	0.74
TIA	5.1	149	ePn	23 27 23.7	4.1		
			Sg	23 28 37.4	−5.0		
			SMN	M_L = 3.6		0.6	0.037
			SME			0.6	0.10
			SMZ	M_L = 3.8		0.6	0.076
XAN	7.7	213	ePn	23 27 53.1	−2.0		
WHN	10.1	178	eP	23 28 29.1	−1.7		

JAN 20d 01h 37m 17.8 ± 0.13s, SD1.05 / 16
5.39 S ± 2.11km, 103.23 E ± 2.34km, h33 ± 0.02km
Southern Sumatera (274)

XAN	39.6	7	eP	01 44 47.7	−0.4		
WMQ	50.9	346	P	01 46 19.0	0.3		
CN2	52.9	20	+P	01 46 32.6	−0.8		
			pP	01 46 45.0	2.1		

JAN 20d 01h 55m 16.1 ± 0.29s, SD1.72 / 44
9.80 S ± 5.36km, 74.59 W ± 3.51km, h102 ± 2.83km
Peru (116)

CN2	141.9	336	ePKP	02 14 33.2	−3.9		
			ePP	02 17 45.0	−0.9		
WMQ	142.8	21	PKP	02 14 36.0	−2.7		
SNY	144.3	336	PKP	02 14 39.3	−1.9		
BJI	148.4	344	ePKP	02 14 48.0	−0.1		
HHC	148.6	351	PKP	02 14 49.7	1.1		
			PKP2	02 14 53.5	−3.5		
			LN			19.0	3.40
			LZ			24.0	6.50
BTO	149.1	353	ePKP	02 14 54.0	4.7		
GTA	150.1	9	−PKP	02 14 51.3	0.3		
TIY	151.5	348	PKP	02 14 53.0	0.0		
			LN			18.0	2.74
			LZ			26.0	3.98
TIA	151.6	340	ePKP	02 14 53.5	0.3		
LSA	156.1	32	PKP	02 15 01.5	1.7		
			LN			19.0	6.60
			LE			20.0	4.70
WHN	157.7	339	PKP	02 15 01.5	0.1		
GYA	163.4	356	PKP	02 15 08.2	0.6		
KMI	164.6	9	PKP	02 15 11.0	2.1		
			LN			17.0	3.40

JAN 20d 02h 03m 54.0 ± 0.21s, SD2.24 / 36
41.80 S ± 3.87km, 80.02 E ± 3.71km, h10 ± 0.26km
Mid−Indian Rise (429)
M_S5.9 / 11, m_B6.0 / 5,

QZN	66.5	31	eP	02 14 50.0	3.2		
			pP	02 14 55.0	2.6		
			S	02 23 41.0	5.9		
			LN	M_S = 5.9		23.0	5.95
KMI	69.8	22	P	02 15 11.0	3.3		
			PMZ	m_B = 5.7		6.0	0.50
			S	02 24 20.5	5.9		
			SME	m_B = 5.9		9.0	1.00
			LN	M_S = 5.9		17.0	3.40
GYA	72.2	25	P	02 15 21.6	−0.6		
CD2	75.6	21	eP	02 15 40.4	−1.2		
			S	02 25 21.5	1.4		
			LN	M_S = 6.0		15.0	3.29
			LZ	M_S = 5.6		24.0	4.01
WHN	78.6	30	P	02 15 58.5	−0.1		
LZH	80.5	19	eP	02 16 05.0	−4.0		
			sP	02 16 14.0	−2.9		
			eS	02 26 10.0	−4.9		
			SME	m_B = 6.0		10.0	1.23
SSE	81.9	35	eP	02 16 13.0	−2.8		
GTA	82.8	15	P	02 16 22.5	1.6		
			S	02 26 35.0	−1.4		
			LN	M_S = 5.7		15.0	1.60
			LZ	M_S = 5.7		19.0	3.00
WMQ	85.5	6	eP	02 16 35.0	0.6		
			S	02 27 03.0	−0.2		
			LZ	M_S = 5.8		32.0	6.78
BTO	86.4	22	eP	02 16 38.0	−0.9		
			pP	02 16 43.0	−1.3		
			ePP	02 20 03.0	2.2		
			SKS	02 27 02.5	1.4		
			S	02 27 14.5	2.6		
			LN	M_S = 5.9		18.0	2.50
			LE			17.0	1.50
			LZ	M_S = 5.8		18.0	3.30

JAN 20d 02h 15m 57.3 ± 0.12s, SD1.39 / 61
41.64 S ± 2.58km, 80.15 E ± 3.28km, h10 ± 0.10km
Mid−Indian Rise (429)
M_S5.8 / 20, m_b5.6 / 2,

QZN	66.3	31	eP	02 26 53.0	4.0		
			eS	02 35 40.0	2.5		
			LN	M_S = 5.8		19.5	3.80
KMI	69.6	22	P	02 27 10.5	0.6		

International Seismological Centre

			pP	02 27 15.0	−0.2			
			sP	02 27 17.5	−0.4			
			eS	02 36 16.0	−1.6			
			LN	M_S = 5.9		16.0	3.20	
LSA	71.7	10	P	02 27 22.4	−0.3			
			S	02 36 40.0	0.2			
			LN	M_S = 6.0		19.0	4.40	
			LE			18.0	2.70	
GYA	72.1	25	P	02 27 24.4	−0.1			
			S	02 36 50.0	6.0			
			LN	M_S = 5.7		15.0	1.75	
CD2	75.4	21	eP	02 27 43.5	−0.4			
			eS	02 37 24.0	0.8			
			LN	M_S = 5.9		15.0	2.63	
			LZ	M_S = 5.6		20.0	3.24	
WHN	78.5	30	eP	02 28 01.0	0.1			
			pP	02 28 05.7	−0.6			
			S	02 37 56.0	1.4			
			LN	M_S = 6.2		20.0	4.30	
			LE			22.0	7.00	
			LZ	M_S = 5.9		20.0	6.40	
XAN	79.8	24	iP	02 28 07.7	−0.7			
LZH	80.3	19	eP	02 28 11.0	−0.3			
			PMZ	m_b = 5.8		2.5	0.24	
			LN	M_S = 5.8		18.0	2.20	
			LE			16.0	1.10	
			LZ	M_S = 6.0		12.0	4.00	
KSH	80.9	357	eP	02 28 15.0	0.9			
SSE	81.7	35	eP	02 28 18.7	0.6			
			S	02 38 30.0	1.7			
			LE	M_S = 5.7		18.0	2.05	
GTA	82.6	15	eP	02 28 22.8	−0.5			
			S	02 38 40.0	2.0			
			LN	M_S = 5.6		14.0	1.10	
			LZ	M_S = 5.6		19.0	2.48	
TIY	84.3	25	eP	02 28 30.6	−1.1			
TIA	84.5	29	eP	02 28 32.0	−0.9			
			LN	M_S = 6.1		18.0	4.07	
			LE			18.0	1.44	
			LZ	M_S = 5.8		18.0	3.69	
WMQ	85.3	5	P	02 28 37.0	0.1			
			S	02 39 04.0	−1.0			
			LZ	M_S = 5.8		28.0	5.57	
BTO	86.2	22	eP	02 28 41.0	−0.3			
			sP	02 28 47.0	−2.2			
			SKS	02 39 04.0	0.7			
			S	02 39 16.0	2.5			
			LN	M_S = 5.9		17.0	2.10	
			LE			17.0	1.70	
			LZ	M_S = 5.7		18.0	3.00	
HHC	86.9	23	eP	02 28 49.0	4.3			
BJI	87.6	27	eP	02 28 47.0	−1.1			
CN2	94.3	31	eP	02 29 18.0	−1.1			

JAN 20d 12h 32m 55.7 ± 0.08s, SD1.04 / 52
13.71 N ± 1.52km, 145.10 E ± 1.95km, h121 ± 0.41km
Marianas (216)

SSE	28.0	312	eP	12 38 36.7	−0.7			
WHN	32.9	306	P	12 39 21.0	0.3			
CN2	34.4	334	eP	12 39 33.0	−0.6			
BJI	36.5	321	eP	12 39 51.0	−0.3			
TIY	37.6	315	P	12 40 01.0	0.3			
GYA	38.1	295	P	12 40 05.8	0.8			
XAN	38.5	308	eP	12 40 08.1	0.0			
			PcP	12 42 19.5	0.9			
CD2	41.6	301	eP	12 40 33.8	−0.1			
LZH	43.1	309	eP	12 40 47.0	0.8			
GTA	47.3	311	+iP	12 41 19.5	0.4			
			PcP	12 42 48.7	0.7			
LSA	52.1	297	P	12 41 57.0	0.2			
WMQ	57.2	313	P	12 42 32.8	−0.3			

JAN 20d 14h 28m 43.8 ± 0.07s, SD2.65 / 10
42.64 N ± 0.68km, 86.20 E ± 0.68km, h6 ± 0.18km
Northern Xinjiang Province (332)
M_L3.6 / 9,

WMQ	1.6	43	Pn	14 29 15.0	1.9			
			Sn	14 29 37.0	1.1			
			SMN	M_L = 3.3		0.3	0.38	
			SME			0.3	0.40	
GTA	10.8	103	eP	14 31 19.7	−2.5			
			SMN			1.0	0.022	
			SME			1.0	0.017	

JAN 20d 17h 26m 38.5 ± 0.16s, SD1.56 / 78
11.43 S ± 3.23km, 166.20 E ± 2.83km, h79 ± 1.99km
Santa Cruz Islands (184)
M_S5.5 / 9, m_B5.4 / 1,

SSE	60.4	316	eP	17 36 42.0	−0.7			
			pP	17 37 00.0	−2.4			
			LZ	M_S = 4.9		24.0	1.01	
QZN	63.3	298	eP	17 37 01.0	−0.6			
			S	17 45 28.0	3.2			
			LE	M_S = 5.5		23.0	2.40	
MDJ	64.9	332	eP	17 37 07.5	−4.8			
			pP	17 37 27.0	−5.2			
			eS	17 45 41.0	−5.3			
			sS	17 46 15.0	−5.6			
WHN	65.0	312	eP	17 37 12.7	−0.1			
DL2	65.1	323	eP	17 37 15.0	1.7			
			S	17 45 48.0	1.0			
			LZ	M_S = 5.0		20.0	0.90	
SNY	65.9	326	eP	17 37 20.2	1.5			
TIA	66.2	318	eP	17 37 20.6	−0.1			
CN2	66.3	329	+P	17 37 21.5	0.2			
			eS	17 46 06.0	2.6			
			LZ	M_S = 5.3		20.0	1.80	
GYA	69.0	304	P	17 37 38.6	0.3			
BJI	69.1	321	eP	17 37 38.0	−0.5			
			eS	17 46 36.0	−0.6			
			LZ	M_S = 5.1		28.0	1.76	
TIY	70.1	317	P	17 37 45.0	−0.3			
			ePP	17 40 23.0	0.7			
			LN	M_S = 5.6		20.0	2.25	
			LZ	M_S = 5.3		27.0	2.33	
XAN	70.7	312	P	17 37 48.5	−0.1			
KMI	71.7	301	P	17 37 56.0	1.2			
			S	17 47 11.0	5.1			
			SME	m_B = 5.4		10.0	0.50	
HHC	72.4	320	eP	17 37 59.0	0.1			
CD2	73.2	307	eP	17 38 03.4	0.0			
			eS	17 47 30.0	5.6			
			LZ	M_S = 5.2		24.0	1.51	
BTO	73.3	319	eP	17 38 05.0	1.1			
			pP	17 38 25.0	1.0			
			eS	17 47 27.0	1.6			
			LN	M_S = 5.5		18.0	1.10	
			LE			18.0	0.80	
LZH	75.3	312	eP	17 38 17.0	1.0			
			pP	17 38 30.5	−5.6			
			LZ	M_S = 5.3		22.0	1.90	
GTA	79.6	314	+iP	17 38 40.2	0.3			
			LE	M_S = 5.6		24.0	2.04	
LSA	82.9	302	P	17 38 58.5	1.1			
WMQ	89.7	315	P	17 39 29.4	−0.5			
			S	17 50 18.0	6.7			

International Seismological Centre

			sS	17 50 53.0	4.0			
			LZ	$M_S = 5.4$		26.0	1.96	

JAN 21d 02h 52m 19.4 ± 0.05s, SD0.80 / 29
38.15 N ± 1.06km, 26.29 W ± 1.15km, h10 ± 0.10km
Azores (405)
M_S5.5 / 8, m_B5.8 / 3, m_b5.6 / 1,

KSH	74.9	52	P	03 04 04.0	0.8			
			S	03 13 41.0	3.1			
			LN	$M_S = 5.5$		12.0	0.90	
WMQ	78.9	42	P	03 04 26.0	0.3			
			PP	03 07 26.0	0.9			
			S	03 14 25.0	3.3			
			SMN	$m_B = 5.7$		8.0	0.53	
			LE	$M_S = 5.6$		12.0	1.11	
			LZ	$M_S = 5.5$		12.0	1.36	
GTA	88.3	39	+iP	03 05 14.0	0.2			
			sP	03 05 22.0	0.3			
			SKS	03 15 40.5	1.4			
			S	03 15 56.5	0.8			
			LE	$M_S = 5.4$		16.0	0.67	
			LZ	$M_S = 5.3$		19.0	1.24	
LSA	90.7	51	eP	03 05 26.4	1.0			
BTO	92.0	32	P	03 05 31.5	0.5			
			sP	03 05 37.5	−1.4			
			ePP	03 09 11.5	−0.5			
			SKS	03 16 03.0	2.0			
			S	03 16 33.5	4.4			
			SS	03 22 47.0	5.8			
			LN	$M_S = 5.6$		15.0	0.50	
			LE			15.0	0.80	
			LZ	$M_S = 5.4$		15.0	1.00	
LZH	92.9	38	eP	03 05 34.5	−0.7			
			PMZ	$m_b = 5.6$		2.5	0.079	
BJI	94.9	28	eP	03 05 44.0	−0.1			
			ePP	03 09 33.0	−1.2			
			eSKS	03 16 18.0	0.9			
			eS	03 16 55.0	−0.8			
			eSS	03 23 24.0	1.2			
			LZ	$M_S = 5.1$		20.0	0.61	

JAN 21d 09h 11m 47.3 ± 0.07s, SD1.20 / 39
29.41 N ± 1.10km, 131.49 E ± 0.98km, h36 ± 0.31km
Ryukyu Islands (238)
M_S4.2 / 9,

SSE	9.1	283	P	09 13 59.0	0.1			
			LE	$M_S = 4.1$		13.0	1.20	
WHN	14.9	279	eP	09 15 17.4	0.0			
			pP	09 15 26.0	1.1			
			eS	09 18 02.0	0.1			
			LE	$M_S = 4.2$		12.0	0.70	
CN2	15.1	343	eP	09 15 23.1	2.5			
BJI	16.4	314	eP	09 15 38.5	1.5			
			LZ	$M_S = 4.2$		13.0	0.89	
TIY	17.9	303	eP	09 15 55.5	0.1			
			sS	09 19 25.0	1.5			
			LN	$M_S = 4.3$		13.0	0.64	
			LZ	$M_S = 4.3$		13.0	0.84	
XAN	19.7	289	P	09 16 14.7	−2.4			
			LN	$M_S = 4.5$		10.0	0.66	
BTO	20.8	308	eP	09 16 27.5	−0.6			
			pP	09 16 36.5	−0.5			
			LN	$M_S = 4.4$		13.0	0.50	
			LE			13.0	0.40	
			LZ	$M_S = 4.2$		13.0	0.60	
GYA	22.1	268	P	09 16 42.2	0.5			
CD2	24.0	281	eP	09 16 59.5	−0.6			
GTA	27.8	299	eP	09 17 34.6	−1.6			
			LE	$M_S = 4.4$		11.5	0.40	
			LZ	$M_S = 4.6$		12.0	0.85	

JAN 21d 13h 55m 16.6 ± 0.09s, SD1.47 / 44
29.39 N ± 1.46km, 131.49 E ± 1.38km, h35 ± 0.43km
Ryukyu Islands (238)
M_S4.8 / 7, m_b4.7 / 2,

SSE	9.1	283	eP	13 57 28.0	−0.3			
			PMZ	$m_b = 4.8$		1.1	0.029	
			LN	$M_S = 4.3$		11.0	1.14	
			LE			12.0	1.58	
			LZ	$M_S = 4.1$		18.0	1.79	
WHN	14.9	279	eP	13 58 45.5	−1.2			
			sP	13 58 56.0	−3.1			
			S	14 01 30.0	−0.9			
			LN	$M_S = 5.1$		13.0	2.80	
			LE			14.0	4.90	
			LZ	$M_S = 5.0$		12.0	5.40	
CN2	15.2	343	−P	13 58 55.0	4.8			
BJI	16.4	314	eP	13 59 07.0	0.4			
TIY	17.9	303	P	13 59 24.8	−0.1			
XAN	19.7	289	P	13 59 43.8	−2.7			
HHC	19.9	310	eP	13 59 47.0	−0.9			
			eS	14 03 23.5	−1.3			
			LN	$M_S = 4.8$		12.0	1.22	
			LE			10.0	0.75	
BTO	20.8	308	eP	13 59 57.0	−0.7			
			pP	14 00 06.0	−0.4			
			eS	14 03 42.5	−0.5			
			LN	$M_S = 4.8$		15.0	1.30	
			LE			15.0	1.40	
			LZ	$M_S = 4.5$		15.0	1.50	
GYA	22.1	268	P	14 00 11.6	0.5			
CD2	24.0	281	eP	14 00 29.4	−0.1			
LZH	24.1	293	eP	14 00 30.0	−1.0			
			PMZ	$m_b = 4.7$		2.5	0.079	
WMQ	37.5	305	eP	14 02 28.0	−1.8			

JAN 21d 13h 57m 18.5 ± 0.15s, SD2.21 / 55
29.27 N ± 2.22km, 131.60 E ± 2.47km, h37 ± 0.93km
Ryukyu Islands region (239)
M_S4.9 / 23, m_b5.1 / 2,

SSE	9.2	284	P	13 59 30.0	−1.8			
			S	14 01 16.0	1.4			
			LN	$M_S = 4.9$		12.0	5.06	
			LE			12.0	6.07	
			LZ	$M_S = 5.1$		12.0	11.1	
QZH	12.4	253	eP	14 00 15.0	0.1			
			eS	14 02 32.0	−0.2			
			LE	$M_S = 4.8$		14.0	4.54	
			LZ	$M_S = 4.7$		12.0	3.62	
DL2	12.7	322	eP	14 00 20.0	0.9			
			eS	14 02 40.0	0.3			
			LN	$M_S = 4.9$		13.0	3.51	
			LE			12.0	3.34	
			LZ	$M_S = 4.3$		15.0	1.75	
TIA	14.0	303	eP	14 00 35.8	−0.9			
			LN	$M_S = 4.9$		14.0	2.50	
			LE			14.0	4.20	
			LZ	$M_S = 4.7$		15.0	4.00	
SNY	14.1	335	−P	14 00 40.0	1.8			
			sS	14 03 32.5	5.9			
			SS	14 03 37.0	6.3			
			LN	$M_S = 4.9$		14.0	2.28	
			LE			13.0	3.48	
			LZ	$M_S = 4.6$		14.0	2.54	
WHN	15.0	279	eP	14 00 54.5	4.5			
			LN	$M_S = 5.1$		13.0	2.80	

International Seismological Centre

			LE				14.0	4.90
			LZ		$M_S = 5.0$		12.0	5.40
CN2	15.3	343	eP	14 00 57.4		3.6		
			eS	14 03 46.0		3.3		
			LE		$M_S = 4.9$		14.0	4.00
			LZ		$M_S = 4.5$		16.0	2.20
BJI	16.6	314	eP	14 01 11.0		0.8		
			eS	14 04 15.0		2.4		
			eSS	14 04 36.0		3.8		
			LN		$M_S = 5.2$		13.0	5.00
			LE				13.0	4.30
GZH	17.5	254	P	14 01 24.5		3.1		
			LN		$M_S = 5.1$		12.0	2.24
			LE				12.0	3.79
TIY	18.0	303	−P	14 01 26.8		−1.6		
			eS	14 04 52.5		6.9		
			LN		$M_S = 4.8$		13.0	2.32
			LZ		$M_S = 5.3$		13.0	9.58
HHC	20.0	311	eP	14 01 48.8		−2.5		
			S	14 05 30.0		1.5		
			LN		$M_S = 5.2$		12.0	2.80
			LE				10.0	2.90
			LZ		$M_S = 5.2$		14.0	6.80
BTO	20.9	308	P	14 01 57.0		−3.9		
			pP	14 02 08.0		−2.0		
			PP	14 02 20.0		−3.2		
			LN		$M_S = 5.2$		13.0	2.80
			LE				13.0	3.40
			LZ		$M_S = 5.1$		13.0	4.80
GYA	22.2	269	P	14 02 12.4		−1.2		
			pP	14 02 26.0		3.0		
			S	14 06 10.0		−0.1		
			LN		$M_S = 5.1$		12.0	1.62
			LE				12.0	2.62
			LZ		$M_S = 4.6$		16.0	1.88
QZN	22.3	248	eP	14 02 16.0		1.8		
			eS	14 06 15.0		2.9		
			sS	14 06 29.0		1.4		
			LN		$M_S = 4.8$		15.0	1.80
CD2	24.1	281	eP	14 02 31.3		−1.0		
LZH	24.3	293	eP	14 02 32.0		−1.9		
			PMZ		$m_b = 5.0$		2.0	0.11
			LZ		$M_S = 5.2$		16.0	6.10
KMI	26.0	268	P	14 02 50.0		0.0		
			sP	14 03 07.0		3.2		
GTA	28.0	300	eP	14 03 07.5		−1.1		
			S	14 07 49.0		1.2		
			LE		$M_S = 5.3$		12.5	3.34
			LZ		$M_S = 5.1$		13.0	3.37
WMQ	37.7	305	P	14 04 32.0		−0.6		
			eS	14 10 17.5		−2.5		
			PcS	14 10 31.0		−5.5		
KSH	46.4	298	eP	14 05 47.0		2.9		

JAN 21d 14h 06m 10.9 ± 0.11s, SD1.59 / 90
29.47 N ± 1.50km, 131.47 E ± 1.77km, h33 ± 0.50km
Ryukyu Islands (238)
M_S5.9 / 49, m_B5.6 / 6, m_b5.3 / 2,

SSE	9.0	283	P	14 08 22.0		−0.1		
			pP	14 08 28.0		−1.0		
			S	14 10 04.0		0.3		
			LN		$M_S = 5.7$		12.0	39.7
			LE				12.0	37.2
			LZ		$M_S = 5.7$		12.0	46.4
NJ2	11.2	287	eP	14 08 51.5		0.3		
			S	14 10 49.0		−6.6		
			LN		$M_S = 5.8$		12.0	18.2
			LE				14.0	47.8
QZH	12.3	252	eP	14 09 08.0		1.1		
			eS	14 11 26.0		1.9		
			LN		$M_S = 5.7$		12.0	21.0
			LE				12.0	21.6
			LZ		$M_S = 5.5$		12.0	24.1
DL2	12.4	322	eP	14 09 09.0		0.4		
			eS	14 11 23.0		−4.2		
			LN		$M_S = 5.6$		12.0	13.6
			LE				12.0	21.4
TIA	13.8	303	eP	14 09 27.6		0.9		
			eS	14 12 01.2		1.3		
			LZ		$M_S = 5.5$		15.0	23.7
SNY	13.9	335	−P	14 09 30.0		2.2		
			S	14 12 00.0		−1.6		
			sS	14 12 11.0		−2.2		
			LN		$M_S = 5.6$		12.0	18.0
			LE				11.0	5.13
			LZ		$M_S = 5.5$		13.0	21.7
WHN	14.9	278	P	14 09 40.5		−0.2		
			pP	14 09 49.0		1.1		
			S	14 12 26.0		1.2		
			LN		$M_S = 5.9$		13.0	26.1
			LE				13.0	32.2
			LZ		$M_S = 5.8$		14.0	39.2
CN2	15.1	343	eP	14 09 45.2		1.6		
			eS	14 12 31.0		0.5		
			LE		$M_S = 5.6$		13.0	18.3
			LZ		$M_S = 5.3$		14.0	13.8
MDJ	15.2	355	eP	14 09 46.5		1.6		
			sP	14 09 56.0		−0.8		
			eS	14 12 27.0		−5.9		
			LE		$M_S = 5.2$		12.0	7.10
			LZ		$M_S = 5.1$		15.0	8.70
BJI	16.4	314	eP	14 10 01.0		0.9		
			LN		$M_S = 6.0$		12.0	28.9
			LE				12.0	20.1
			LZ		$M_S = 5.9$		14.0	41.2
GZH	17.4	253	P	14 10 15.7		2.3		
			S	14 13 26.0		1.8		
			LN		$M_S = 5.8$		14.0	11.9
			LE				12.0	19.9
TIY	17.8	302	+P	14 10 18.4		−0.2		
			pP	14 10 27.0		1.0		
			sS	14 13 45.0		−0.8		
			LN		$M_S = 5.9$		13.0	22.1
			LE				12.0	10.1
			LZ		$M_S = 5.8$		14.0	31.9
XAN	19.7	289	P	14 10 38.3		−2.2		
			pP	14 10 50.0		1.4		
			S	14 14 13.8		−1.2		
			LN		$M_S = 6.0$		10.0	21.6
HHC	19.8	310	eP	14 10 40.5		−1.1		
			S	14 14 20.0		2.8		
			LN		$M_S = 5.8$		12.0	17.2
			LE				12.0	4.20
			LZ		$M_S = 5.8$		14.0	27.6
BTO	20.7	308	−iP	14 10 52.0		0.5		
			sP	14 11 04.0		−0.1		
			PP	14 11 13.5		0.4		
			S	14 14 37.0		1.4		
			LN		$M_S = 5.9$		14.0	18.3
			LE				14.0	10.9
			LZ		$M_S = 5.7$		14.0	21.7
GYA	22.1	268	P	14 11 05.0		−0.3		
			pP	14 11 13.0		−1.0		
			S	14 15 08.0		6.6		
			LN		$M_S = 6.0$		14.0	14.5
			LE				14.0	24.1

International Seismological Centre

			LZ		$M_S=5.7$		14.0	17.5
QZN	22.3	247	P	14 11 08.0		1.3		
			pP	14 11 16.5		1.0		
			LN		$M_S=5.8$		12.0	14.4
CD2	24.0	280	eP	14 11 23.1		−0.5		
			S	14 15 35.0		0.3		
			LN		$M_S=6.3$		12.0	35.4
			LZ		$M_S=5.9$		12.0	25.5
LZH	24.1	293	eP	14 11 24.0		−0.9		
			PMZ		$m_B=5.6$		5.0	1.22
			PP	14 12 02.0		3.0		
			S	14 15 42.0		5.2		
			SME		$m_B=5.6$		10.0	1.65
			LN		$M_S=6.2$		14.0	7.40
			LE				13.0	30.3
			LZ		$M_S=6.1$		16.0	45.4
KMI	25.9	267	eP	14 11 40.5		−1.4		
			pP	14 11 50.0		−0.5		
			S	14 16 03.0		−3.4		
			LN		$M_S=6.1$		14.0	16.2
			LE				14.0	17.0
GTA	27.8	299	eP	14 11 55.2		−4.4		
			sP	14 12 08.5		−3.9		
			PP	14 12 51.0		2.7		
			S	14 16 32.0		−6.0		
			sS	14 16 48.2		−5.6		
			LE		$M_S=6.1$		12.0	17.5
			LZ		$M_S=6.0$		13.0	25.9
LSA	34.9	281	P	14 13 03.1		0.5		
			eS	14 18 35.0		3.1		
			LE		$M_S=6.0$		14.0	11.3
WMQ	37.5	305	P	14 13 24.0		0.3		
			S	14 19 10.0		0.8		
			LN		$M_S=6.2$		13.0	13.0
			LE				14.0	7.75
			LZ		$M_S=5.7$		15.0	9.32
KSH	46.2	298	eP	14 14 35.0		−0.4		
			eS	14 21 18.0		−1.4		
			LE		$M_S=5.8$		14.0	4.60

JAN 21d 14h 13m 55.4 ± 0.08s, SD1.53 / 40
29.45 N ± 1.28km, 131.48 E ± 1.40km, h32 ± 0.45km
Ryukyu Islands (238)

SSE	9.0	283	eP	14 16 06.5	−0.3	
SNY	13.9	335	eP	14 17 11.8	−0.8	
WHN	14.9	278	eP	14 17 25.5	0.1	
			pP	14 17 32.5	−0.1	
CN2	15.1	343	eP	14 17 29.0	0.6	
MDJ	15.2	355	eP	14 17 31.5	1.8	
BJI	16.4	314	P	14 17 45.0	0.1	
BTO	20.7	308	eP	14 18 35.0	−1.2	
GYA	22.1	268	P	14 18 51.2	1.2	
QZN	22.3	247	eP	14 18 52.0	0.7	
CD2	24.0	280	eP	14 19 07.7	−0.6	
LZH	24.1	293	eP	14 19 09.0	−0.7	
KMI	25.9	267	eP	14 19 27.0	0.5	
GTA	27.8	299	eP	14 19 44.6	0.3	

JAN 21d 14h 30m 16.4 ± 0.09s, SD1.46 / 48
46.50 N ± 2.58km, 153.78 E ± 1.64km, h33 ± 0.85km
Kurile Islands (221)

MDJ	17.0	272	eP	14 34 14.0	0.2	
CN2	20.1	273	eP	14 34 49.0	−1.5	
SNY	22.1	269	eP	14 35 09.6	−1.0	
BJI	27.9	270	eP	14 36 06.0	−0.1	
HHC	30.8	275	eP	14 36 31.0	−0.6	
TIY	31.6	269	eP	14 36 38.8	0.0	
WHN	34.3	256	P	14 37 02.0	−0.2	
XAN	36.0	266	P	14 37 16.7	0.3	
GTA	39.5	280	−P	14 37 46.4	0.6	
CD2	41.3	266	P	14 38 01.7	0.6	
GYA	42.1	258	P	14 38 08.2	0.5	
KMI	45.7	260	P	14 38 37.5	1.1	
LSA	50.8	274	P	14 39 18.1	1.9	

JAN 21d 14h 37m 08.7 ± 0.07s, SD1.92 / 28
29.31 N ± 2.00km, 131.72 E ± 1.61km, h48 ± 1.10km
Ryukyu Islands region (239)

WHN	15.1	279	eP	14 40 41.5	0.6	
			sP	14 40 57.5	1.7	
CN2	15.3	343	eP	14 40 43.0	−0.3	
BJI	16.6	314	eP	14 41 02.0	1.6	
TIY	18.1	303	eP	14 41 16.8	−1.9	
XAN	20.0	289	P	14 41 36.3	−3.6	
BTO	21.0	308	eP	14 41 48.0	−2.8	
GYA	22.3	269	P	14 42 04.2	0.2	
			pP	14 42 14.4	−0.7	
CD2	24.2	281	eP	14 42 20.8	−1.6	
GTA	28.1	300	eP	14 42 57.3	−1.1	

JAN 21d 14h 42m 57.4 ± 0.08s, SD1.38 / 25
29.42 N ± 1.23km, 131.65 E ± 1.40km, h36 ± 0.50km
Ryukyu Islands region (239)

SSE	9.2	283	eP	14 45 11.0	0.2	
WHN	15.0	279	eP	14 46 29.8	0.6	
CN2	15.2	343	eP	14 46 33.4	2.3	
BJI	16.5	314	eP	14 46 49.0	0.7	
TIY	18.0	302	eP	14 47 08.0	1.1	
XAN	19.9	289	eP	14 47 29.3	0.7	
GYA	22.3	268	P	14 47 53.4	0.2	
CD2	24.1	281	eP	14 48 10.0	−1.5	

JAN 21d 15h 14m 59.6 ± 0.10s, SD1.39 / 58
29.40 N ± 1.33km, 131.50 E ± 1.51km, h31 ± 0.47km
Ryukyu Islands region (239)
M_S4.5 / 8,

SSE	9.1	283	eP	15 17 11.5	−0.1			
			eS	15 18 54.0	0.3			
			LN		$M_S=4.3$		12.0	1.52
			LE				12.0	1.32
			LZ		$M_S=4.2$		12.0	1.49
WHN	14.9	279	eP	15 18 29.2	−0.9			
			sP	15 18 39.0	−2.7			
			eS	15 21 14.0	−1.1			
			LN		$M_S=4.6$		12.0	1.20
			LE				12.0	1.00
			LZ		$M_S=4.3$		14.0	1.20
CN2	15.2	343	−P	15 18 34.0	0.6			
MDJ	15.3	355	eP	15 18 35.0	0.3			
BJI	16.4	314	eP	15 18 51.5	1.6			
			LN		$M_S=4.5$		12.0	1.00
			LE				12.0	0.75
			LZ		$M_S=4.6$		12.0	1.90
TIY	17.9	303	+P	15 19 09.0	0.8			
			eS	15 22 22.5	−1.9			
			LN		$M_S=4.5$		12.0	1.06
XAN	19.7	289	P	15 19 27.6	−2.3			
BTO	20.8	308	eP	15 19 40.0	−1.0			
			pP	15 19 47.0	−2.2			
			eS	15 23 25.0	−1.7			
			LN		$M_S=4.6$		14.0	0.40
			LE				14.0	1.00
			LZ		$M_S=4.3$		14.0	0.80
GYA	22.1	268	P	15 19 54.2	−0.3			
			S	15 23 51.0	0.1			
CD2	24.0	281	eP	15 20 12.8	−0.1			

International Seismological Centre

LZH	24.1	293	eP	15 20 13.0	−1.4		
KMI	25.9	267	eP	15 20 31.0	0.0		
GTA	27.9	299	eP	15 20 47.2	−1.9		

JAN 21d 17h 02m 35.4 ± 0.07s, SD1.18 / 34
29.41 N ± 1.05km, 131.50 E ± 1.05km, h34 ± 0.30km
Ryukyu Islands (239)
M_S4.0 / 2,

SSE	9.1	283	eP	17 04 47.0	−0.2		
			sP	17 05 00.2	0.9		
			LE	M_S = 3.9		10.0	0.67
			LZ	M_S = 4.0		12.0	0.93
WHN	14.9	279	eP	17 06 02.5	−3.1		
			sP	17 06 14.8	−3.1		
CN2	15.2	343	eP	17 06 10.0	1.1		
BJI	16.4	314	eP	17 06 26.5	1.1		
			LZ	M_S = 4.1		12.0	0.60
TIY	17.9	303	eP	17 06 43.6	−0.1		
BTO	20.8	308	eP	17 07 15.0	−1.5		
GYA	22.1	268	P	17 07 31.6	1.6		
CD2	24.0	281	eP	17 07 47.6	−0.8		
LZH	24.1	293	eP	17 07 49.0	−0.8		
GTA	27.9	299	eP	17 08 24.0	−0.5		

JAN 21d 17h 37m 36.2 ± 0.15s, SD1.86 / 81
29.48 N ± 1.94km, 131.45 E ± 2.37km, h32 ± 0.73km
Ryukyu Islands (238)
M_S5.1 / 35, m_B5.3 / 4, m_b5.4 / 3,

SSE	9.0	283	+P	17 39 47.5	0.2		
			sP	17 39 54.2	−4.8		
			eS	17 41 32.0	3.2		
			LN	M_S = 4.9		12.0	4.55
			LE			12.0	6.07
NJ2	11.1	286	+P	17 40 20.2	3.8		
			pP	17 40 27.0	3.7		
			LN	M_S = 4.8		13.0	2.75
			LE			15.0	4.62
QZH	12.3	251	eP	17 40 33.0	0.8		
			eS	17 42 50.0	0.7		
			LN	M_S = 4.7		15.0	3.31
			LZ	M_S = 4.6		12.0	2.65
TIA	13.8	303	eP	17 40 53.8	2.0		
SNY	13.9	335	+P	17 40 55.0	2.0		
			sP	17 41 06.0	1.1		
			eS	17 43 29.5	2.4		
			SS	17 43 38.0	−4.9		
			LN	M_S = 4.7		12.0	1.21
			LE			11.0	2.08
			LZ	M_S = 4.6		12.0	2.18
WHN	14.9	278	eP	17 41 03.0	−2.9		
			sP	17 41 15.0	−2.7		
			eS	17 43 47.6	−2.7		
			LN	M_S = 5.1		10.0	2.70
			LE			12.0	3.90
			LZ	M_S = 5.0		12.0	5.40
CN2	15.1	343	eP	17 41 10.0	1.2		
			pP	17 41 21.0	5.1		
			eS	17 43 53.0	−2.5		
			LE	M_S = 4.9		14.0	4.20
			LZ	M_S = 4.5		16.0	2.50
MDJ	15.2	355	eP	17 41 08.5	−1.7		
			eS	17 43 56.0	−2.0		
			sS	17 44 04.0	−5.2		
			SS	17 44 18.0	2.8		
			LZ	M_S = 4.5		12.0	1.90
BJI	16.4	314	eP	17 41 25.0	−0.3		
			PMZ	m_B = 5.0		10.0	0.74
			eS	17 44 25.0	−0.5		
			LN	M_S = 5.2		12.0	4.70
			LE			12.0	3.40
			LZ	M_S = 5.1		12.0	6.60
GZH	17.4	253	P	17 41 41.7	3.0		
			LN	M_S = 4.9		13.0	2.41
			LE			13.0	1.93
TIY	17.8	302	eP	17 41 44.0	0.2		
			sS	17 45 09.0	−1.7		
			LN	M_S = 5.0		12.0	3.52
			LZ	M_S = 5.1		13.0	5.75
XAN	19.7	289	P	17 42 03.8	−1.9		
			sP	17 42 22.2	4.0		
			S	17 45 39.2	−0.9		
			LN	M_S = 5.1		12.0	3.40
HHC	19.8	310	eP	17 42 06.0	−0.9		
			S	17 45 47.0	4.8		
			LN	M_S = 5.2		12.0	2.20
			LE			12.0	3.80
			LZ	M_S = 5.1		14.0	6.00
BTO	20.7	308	P	17 42 15.0	−1.7		
			pP	17 42 22.0	−3.0		
			ePP	17 42 36.5	−1.7		
			eS	17 45 58.5	−3.1		
			sS	17 46 11.5	−3.0		
			LN	M_S = 5.1		13.0	2.70
			LE			13.0	2.40
			LZ	M_S = 5.0		13.0	3.60
GYA	22.1	268	P	17 42 30.6	0.0		
			pP	17 42 39.0	−0.2		
			S	17 46 31.0	4.4		
			LN	M_S = 5.1		14.0	2.51
			LE			14.0	2.18
			LZ	M_S = 4.7		16.0	1.94
QZN	22.2	247	−P	17 42 33.5	1.5		
			eS	17 46 30.0	−0.2		
			sS	17 46 45.5	1.3		
			LN	M_S = 4.8		12.0	1.40
CD2	24.0	280	eP	17 42 48.6	−0.3		
			S	17 47 02.0	2.1		
			LE	M_S = 5.4		12.0	5.13
			LZ	M_S = 5.2		10.0	3.82
LZH	24.1	293	eP	17 42 50.0	−0.2		
			PMZ	m_b = 5.0		2.0	0.14
			pP	17 42 59.0	0.2		
			eS	17 47 05.0	1.9		
			SME	m_B = 5.0		8.0	0.39
			LN	M_S = 5.3		11.0	0.50
			LE			13.0	3.90
			LZ	M_S = 5.3		14.0	5.90
KMI	25.8	267	eP	17 43 07.0	−0.2		
			LE	M_S = 5.0		14.0	2.10
GTA	27.8	299	eP	17 43 23.4	−1.5		
			S	17 48 01.0	−2.2		
			sS	17 48 14.0	−4.9		
			LE	M_S = 5.2		12.0	2.17
			LZ	M_S = 5.1		13.0	3.37
WMQ	37.5	305	P	17 44 48.0	−1.0		
			sS	17 50 47.5	−2.9		
			LZ	M_S = 4.9		14.0	1.33
KSH	46.2	298	eP	17 46 06.0	5.3		

JAN 21d 17h 53m 26.9 ± 0.07s, SD1.21 / 44
29.48 N ± 1.12km, 131.44 E ± 1.16km, h30 ± 0.31km
Ryukyu Islands (238)
M_S4.5 / 10, m_b4.7 / 1,

SSE	9.0	283	P	17 55 38.4	0.3		
			sP	17 55 49.0	−0.3		
			LN	M_S = 4.5		13.0	2.02

International Seismological Centre

			LE			13.0	2.41	
WHN	14.8	278	eP	17 56 55.0	−1.7			
			sP	17 57 06.5	−1.6			
BJI	16.4	314	eP	17 57 16.5	0.4			
			eS	18 00 18.0	1.7			
			LN	M_S=4.4		14.0	0.99	
			LZ	M_S=4.5		12.0	1.50	
TIY	17.8	302	eP	17 57 34.6	0.0			
			LN	M_S=4.5		12.0	1.06	
			LZ	M_S=4.5		14.0	1.67	
XAN	19.7	289	P	17 57 53.7	−2.9			
BTO	20.7	308	eP	17 58 07.0	−0.6			
GYA	22.1	268	P	17 58 21.6	0.1			
			pP	17 58 31.0	1.3			
QZN	22.2	247	eP	17 58 23.5	0.6			
CD2	23.9	280	eP	17 58 39.4	−0.4			
LZH	24.1	293	eP	17 58 40.0	−1.1			
			PMZ	m_b=4.7		2.5	0.079	
			LE	M_S=4.8		14.0	1.30	
			LZ	M_S=4.8		14.0	2.00	
KMI	25.8	267	eP	17 58 59.0	1.0			
GTA	27.8	299	eP	17 59 15.8	0.0			
			LE	M_S=4.8		12.0	1.03	
			LZ	M_S=4.7		12.0	1.05	
WMQ	37.5	305	P	18 00 40.0	0.1			

JAN 21d 17h 57m 13.9 ± 0.07s, SD1.62 / 39
40.01 N ± 1.86km, 142.59 E ± 1.39km, h56 ± 0.95km
Near east coast of Honshu (228)

MDJ	10.7	300	eP	17 59 47.5	0.8			
CN2	13.3	292	eP	18 00 23.3	1.1			
BJI	20.2	279	eP	18 01 44.0	−2.9			
WHN	24.8	256	P	18 02 34.0	1.4			
XAN	27.4	268	eP	18 02 55.1	−1.7			
GYA	32.7	257	P	18 03 43.4	−0.4			
WMQ	40.4	294	P	18 04 49.0	0.4			

JAN 21d 18h 19m 59.9 ± 0.21s, SD1.50 / 13
24.39 N ± 1.27km, 121.85 E ± 1.42km, h9 ± 0.03km
Taiwan (244)
M_L3.7 / 14,

QZH	3.0	281	Pn	18 20 49.5	1.3			
			Sn	18 21 21.5	−4.9			
			SMN	M_L=3.3		0.2	0.12	
			SME			0.2	0.11	
SSE	6.7	355	eP	18 21 40.5	−0.7			
			eS	18 22 54.0	−4.4			
			SME	M_L=3.7		1.0	0.036	

JAN 21d 19h 48m 21.7 ± 0.10s, SD1.62 / 45
29.48 N ± 1.65km, 131.46 E ± 1.57km, h34 ± 0.63km
Ryukyu Islands (238)
M_S4.4 / 11, m_b4.4 / 1,

SSE	9.0	283	eP	19 50 32.0	−0.7			
			LN	M_S=4.3		13.0	1.15	
			LE			12.0	1.81	
WHN	14.9	278	eP	19 51 51.0	−0.3			
			sP	19 52 01.0	−2.4			
			eS	19 54 35.5	−0.2			
			LE	M_S=4.4		12.0	1.00	
CN2	15.1	343	eP	19 51 56.0	1.9			
BJI	16.4	314	eP	19 52 11.0	0.4			
			LN	M_S=4.6		12.0	1.14	
			LE			12.0	0.75	
			LZ	M_S=4.4		14.0	1.47	
TIY	17.8	302	eP	19 52 28.7	−0.4			
			eS	19 55 47.0	2.6			
			LN	M_S=4.5		13.0	0.96	
			LE			13.0	0.99	
XAN	19.7	289	P	19 52 48.2	−2.8			
BTO	20.7	308	eP	19 53 01.0	−1.0			
			sP	19 53 15.0	0.1			
			eS	19 56 46.0	−0.8			
			LN	M_S=4.5		13.0	0.50	
			LE			13.0	0.80	
			LZ	M_S=4.3		13.0	0.70	
GYA	22.1	268	P	19 53 17.8	1.8			
QZN	22.2	247	eP	19 53 21.0	3.6			
			eS	19 57 17.5	2.1			
			sS	19 57 32.0	2.1			
			LN	M_S=4.4		13.0	0.60	
CD2	24.0	280	eP	19 53 34.0	−0.2			
LZH	24.1	293	eP	19 53 34.9	−0.6			
			PMZ	m_b=4.4		2.5	0.039	
			LZ	M_S=4.6		14.0	1.30	
GTA	27.8	299	eP	19 54 10.0	−0.2			
			LE	M_S=4.6		12.0	0.60	
			LZ	M_S=4.8		11.0	1.25	

JAN 21d 20h 42m 36.5 ± 0.08s, SD1.23 / 93
29.50 N ± 1.10km, 131.47 E ± 1.29km, h32 ± 0.31km
Ryukyu Islands (238)
M_S5.5 / 46, m_B5.8 / 8, m_b5.4 / 2,

SSE	9.0	283	P	20 44 48.0	0.3			
			PMZ	m_B=5.9		4.0	1.50	
			pP	20 44 54.0	−0.5			
			eS	20 46 34.0	4.7			
			LN	M_S=5.2		12.0	6.32	
			LE			12.0	14.5	
			LZ	M_S=5.3		12.0	18.1	
NJ2	11.1	286	+iP	20 45 16.0	−0.8			
			PMZ	m_B=5.9		4.0	1.01	
			S	20 47 27.0	6.0			
			LN	M_S=5.5		14.0	7.88	
			LE			13.0	25.3	
QZH	12.3	251	eP	20 45 33.0	0.3			
			eS	20 47 50.0	0.0			
			LN	M_S=5.4		15.0	13.2	
			LE			15.0	9.82	
			LZ	M_S=5.2		12.0	10.9	
DL2	12.4	322	eP	20 45 32.0	−2.0			
			eS	20 47 56.0	3.7			
			LN	M_S=5.4		12.0	11.6	
			LE			12.0	7.33	
			LZ	M_S=5.2		14.0	13.7	
TIA	13.8	303	eP	20 45 52.6	0.5			
			LN	M_S=5.5		12.0	11.2	
			LE			13.0	9.37	
			LZ	M_S=5.3		15.0	13.7	
SNY	13.9	335	−P	20 45 55.0	1.8			
			PMZ	m_B=5.6		11.0	1.11	
			pP	20 46 01.6	1.4			
			eS	20 48 29.0	1.9			
			LN	M_S=5.3		13.0	6.03	
			LE			12.0	7.75	
			LZ	M_S=5.3		13.0	13.5	
WHN	14.9	278	eP	20 46 06.5	0.2			
			sP	20 46 16.0	−2.2			
			S	20 48 50.6	0.2			
			LN	M_S=5.5		10.0	6.60	
			LE			12.0	9.80	
			LZ	M_S=5.5		12.0	15.7	
CN2	15.1	343	eP	20 46 09.0	0.1			
			sP	20 46 16.0	−4.7			
			eS	20 48 58.0	2.5			
			LE	M_S=5.3		13.0	9.00	

International Seismological Centre

			LZ		$M_S=4.9$		16.0	5.60
MDJ	15.2	355	eP	20 46 12.0		1.8		
			pP	20 46 18.0		0.7		
			sP	20 46 23.0		1.0		
			S	20 49 03.0		5.7		
			LZ		$M_S=4.8$		16.0	4.80
BJI	16.4	314	eP	20 46 25.0		−0.5		
			PMZ		$m_B=5.3$		12.0	1.70
			LN		$M_S=5.7$		12.0	14.4
			LE				11.0	10.8
			LZ		$M_S=5.6$		12.0	20.5
GZH	17.5	253	eP	20 46 40.0		0.8		
			S	20 49 51.0		0.8		
			LN		$M_S=5.5$		14.0	10.5
			LE				15.0	6.20
			LZ		$M_S=5.3$		12.0	9.62
TIY	17.8	302	+P	20 46 44.2		0.2		
			PMZ		$m_b=5.4$		1.4	0.29
			sS	20 50 12.0		1.0		
			LN		$M_S=5.5$		12.0	10.3
			LZ		$M_S=5.6$		14.0	20.5
XAN	19.7	289	P	20 47 05.1		−1.0		
			pP	20 47 14.9		0.8		
			PP	20 47 29.9		5.7		
			LN		$M_S=5.4$		13.0	7.49
HHC	19.8	310	P	20 47 06.8		−0.3		
			S	20 50 48.0		5.6		
			LN		$M_S=5.6$		12.0	4.10
			LE				12.0	10.0
			LZ		$M_S=5.6$		14.0	18.6
BTO	20.7	308	+iP	20 47 16.0		−1.0		
			pP	20 47 21.0		−4.3		
			PP	20 47 40.5		2.0		
			S	20 51 00.0		−0.9		
			SS	20 51 32.0		−0.4		
			LN		$M_S=5.6$		13.0	6.80
			LE				13.0	9.00
			LZ		$M_S=5.4$		13.0	10.7
GYA	22.1	268	P	20 47 31.0		0.0		
			pP	20 47 37.4		−2.2		
			LN		$M_S=5.6$		13.0	9.15
			LZ		$M_S=5.0$		16.0	4.76
QZN	22.3	247	−P	20 47 34.0		1.5		
			eS	20 51 35.0		4.2		
			sS	20 51 47.0		2.1		
			LN		$M_S=5.3$		15.0	4.70
			LE				15.0	3.50
CD2	24.0	280	eP	20 47 49.1		−0.2		
			S	20 52 03.5		3.2		
			LE		$M_S=5.8$		12.0	12.4
			LZ		$M_S=5.3$		14.0	6.73
LZH	24.1	293	eP	20 47 49.5		−1.0		
			PMZ		$m_B=5.7$		5.0	1.42
			S	20 52 08.0		5.7		
			SME		$m_B=5.5$		7.0	0.99
			LN		$M_S=5.5$		13.0	2.50
			LE				13.0	6.70
			LZ		$M_S=5.7$		14.0	17.9
KMI	25.9	267	P	20 48 07.5		−0.1		
			sP	20 48 17.5		−2.7		
			S	20 52 34.0		1.9		
			LN		$M_S=5.5$		14.0	6.60
GTA	27.8	299	eP	20 48 23.0		−2.2		
			S	20 53 00.0		−3.5		
			LE		$M_S=5.6$		13.0	6.20
			LZ		$M_S=5.6$		13.0	10.1
LSA	34.9	281	P	20 49 28.9		0.6		
			eS	20 54 57.0		−0.5		
			LN		$M_S=5.6$		13.0	2.00
			LE				14.0	4.00
WMQ	37.5	305	P	20 49 48.0		−1.3		
			eS	20 55 29.0		−6.7		
			sS	20 55 47.0		−3.7		
			LN		$M_S=5.7$		12.0	4.61
			LZ		$M_S=5.3$		16.0	4.33
KSH	46.2	298	eP	20 51 02.0		1.0		
			eS	20 57 45.0		0.1		
			LE		$M_S=5.9$		13.0	5.40

JAN 21d 20h 53m 29.1±0.10s, SD1.72/53
29.43 N±1.55km, 131.43 E±1.63km, h31±0.41km
Ryukyu Islands **(238)**
M_S4.9/7, m_b5.0/2,

SSE	9.0	283	eP	20 55 39.5		−0.7		
			pP	20 55 47.0		0.0		
			S	20 57 24.0		2.4		
			LN		$M_S=4.7$		12.0	2.53
			LE				14.0	4.21
			LZ		$M_S=4.6$		16.0	5.32
WHN	14.8	279	eP	20 57 02.0		3.2		
CN2	15.1	343	eP	20 57 03.0		0.6		
BJI	16.4	314	eP	20 57 19.0		0.4		
TIY	17.8	303	−P	20 57 37.1		0.2		
			S	21 00 53.0		1.3		
			LN		$M_S=4.9$		11.0	2.15
			LZ		$M_S=5.0$		13.0	5.27
HHC	19.8	310	eP	20 57 59.0		−1.1		
			LZ		$M_S=5.1$		14.0	5.40
BTO	20.7	308	eP	20 58 09.2		−0.7		
GYA	22.1	268	P	20 58 22.8		−0.7		
			pP	20 58 32.8		0.9		
			S	21 02 17.0		−2.4		
QZN	22.2	247	P	20 58 26.0		1.3		
CD2	24.0	280	eP	20 58 41.4		−0.5		
LZH	24.1	293	eP	20 58 42.0		−1.3		
			PMZ		$m_b=5.1$		2.5	0.20
KMI	25.8	267	eP	20 59 00.0		0.0		
			pP	20 59 10.0		1.6		
			sP	20 59 14.0		1.6		
GTA	27.8	299	eP	20 59 16.0		−2.0		
LSA	34.9	281	eP	21 00 21.0		0.1		
WMQ	37.5	305	P	21 00 43.0		0.8		
KSH	46.2	298	eP	21 01 56.0		2.2		

JAN 21d 21h 14m 32.4±0.11s, SD1.18/49
17.84 S±2.68km, 173.20 W±3.02km, h14±0.17km
Tonga **(173)**
M_S5.5/2, m_B5.9/3,

MDJ	81.1	323	eP	21 26 49.0		−0.4		
CN2	83.1	320	+P	21 26 59.4		−0.4		
SNY	83.2	318	−iP	21 27 01.0		0.6		
WHN	84.6	304	eP	21 27 09.5		1.9		
			PMZ		$m_B=5.9$		9.0	1.04
			pP	21 27 14.0		0.2		
			SKS	21 37 30.0		3.5		
			S	21 37 37.0		5.2		
BJI	87.3	314	eP	21 27 21.0		0.3		
			PMZ		$m_B=5.9$		10.0	0.96
			eS	21 38 02.0		2.8		
			LZ		$M_S=5.2$		18.0	0.89
TIY	89.0	310	+P	21 27 29.4		0.5		
			SKS	21 37 55.5		0.8		
			S	21 38 18.0		4.7		
			LN		$M_S=5.4$		16.0	0.79
GYA	89.4	298	P	21 27 32.0		1.2		
XAN	90.2	306	P	21 27 34.9		0.2		

International Seismological Centre

HHC	90.8	313	eP	21 27 38.5	0.8			
BTO	91.8	312	eP	21 27 43.8	1.6			
KMI	92.2	296	P	21 27 46.0	1.6			
LZH	94.8	306	eP	21 27 57.0	0.9			
GTA	98.8	308	eP	21 28 14.2	−0.1			

JAN 22d 01h 13m 59.9 ± 0.10s, SD1.82 / 78
29.44 N ± 1.54km, 131.44 E ± 1.73km, h37 ± 1.06km
Ryukyu Islands (238)
M_S4.8 / 30, m_b5.0 / 2,

SSE	9.0	283	P	01 16 10.7	−0.1			
			eS	01 17 58.0	6.0			
			LN	M_S = 4.7		12.0	3.54	
			LE			12.0	3.96	
NJ2	11.1	287	eP	01 16 36.0	−3.9			
			eS	01 18 43.0	−1.1			
			LN	M_S = 4.8		11.0	0.93	
			LE			12.0	3.86	
QZH	12.3	252	eP	01 16 54.0	−1.3			
			eS	01 19 10.0	−1.8			
			LN	M_S = 4.4		14.0	1.90	
DL2	12.5	322	eP	01 17 00.0	2.4			
			eS	01 19 20.0	4.1			
			LN	M_S = 4.7		12.0	1.70	
			LE			14.0	2.69	
TIA	13.8	303	eP	01 17 16.5	1.0			
			LN	M_S = 4.6		12.0	1.63	
			LE			13.0	0.69	
SNY	13.9	335	eP	01 17 20.6	3.7			
			eS	01 19 55.0	4.1			
			LN	M_S = 4.6		16.0	1.29	
			LE			16.0	2.32	
			LZ	M_S = 4.5		14.0	2.00	
WHN	14.9	279	eP	01 17 32.5	3.2			
			sP	01 17 44.5	2.5			
			eS	01 20 16.0	2.7			
			LN	M_S = 4.8		14.0	1.90	
			LE			12.0	2.20	
			LZ	M_S = 4.8		12.0	3.60	
CN2	15.1	343	eP	01 17 34.0	1.3			
			eS	01 20 20.0	0.6			
			LE	M_S = 4.5		14.0	1.50	
			LZ	M_S = 4.5		14.0	2.00	
MDJ	15.2	355	eP	01 17 39.0	4.9			
BJI	16.4	314	eP	01 17 49.5	0.5			
			eS	01 20 49.0	0.0			
			LN	M_S = 4:8		14.0	2.20	
			LE			14.0	1.20	
			LZ	M_S = 4.6		14.0	2.06	
TIY	17.8	303	−P	01 18 07.0	−0.3			
			sS	01 21 32.0	−3.2			
			SS	01 21 45.0	0.5			
			LN	M_S = 4.6		12.0	1.20	
			LZ	M_S = 4.7		12.0	2.38	
XAN	19.7	289	P	01 18 26.4	−2.6			
			LN	M_S = 4.9		13.0	2.10	
HHC	19.8	310	eP	01 18 28.6	−1.7			
			S	01 22 04.5	−1.0			
			LN	M_S = 4.8		11.0	0.90	
			LE			12.0	1.30	
			LZ	M_S = 4.5		18.0	2.00	
BTO	20.7	308	eP	01 18 39.0	−1.1			
			pP	01 18 47.5	−1.7			
			ePP	01 19 00.0	−1.8			
			eS	01 22 22.0	−2.8			
			LN	M_S = 4.7		15.0	1.20	
			LE			15.0	0.80	
			LZ	M_S = 4.6		15.0	1.80	
GYA	22.1	268	P	01 18 54.0	0.3			
			pP	01 19 04.0	0.9			
			S	01 22 52.2	3.0			
			LN	M_S = 5.1		13.0	0.95	
			LE			13.0	2.64	
			LZ	M_S = 4.7		14.0	1.70	
QZN	22.2	247	−P	01 18 56.7	1.7			
			eS	01 22 58.5	6.1			
			LE	M_S = 4.7		12.0	1.20	
CD2	24.0	280	eP	01 19 12.0	−0.1			
			eS	01 23 25.0	1.6			
			LN	M_S = 5.1		11.0	2.25	
			LZ	M_S = 4.9		12.0	2.41	
LZH	24.1	293	eP	01 19 12.5	−1.0			
			PMZ	m_b = 4.6		2.0	0.055	
			pP	01 19 22.5	−0.4			
			LZ	M_S = 4.9		16.0	3.30	
KMI	25.8	267	eP	01 19 31.0	0.7			
GTA	27.8	299	eP	01 19 47.9	−0.3			
			LE	M_S = 5.0		12.0	1.51	
			LZ	M_S = 5.0		12.0	2.44	
WMQ	37.5	305	eP	01 21 12.0	−0.3			

JAN 22d 01h 21m 08.6 ± 0.12s, SD2.12 / 19
29.27 N ± 1.79km, 131.73 E ± 1.79km, h37 ± 0.58km
Ryukyu Islands region (239)

SSE	9.3	284	eP	01 23 27.5	4.1			
CN2	15.3	343	eP	01 24 47.8	3.4			
BJI	16.7	314	eP	01 25 02.0	0.6			
TIY	18.1	303	eP	01 25 18.5	−1.2			
GYA	22.3	269	P	01 26 04.6	−0.3			

JAN 22d 02h 32m 40.6 ± 0.14s, SD1.72 / 17
6.82 S ± 0.85km, 129.48 E ± 0.49km, h171 ± 1.54km
Banda Sea (280)

XAN	45.1	336	P	02 40 40.3	−1.3			
GTA	53.6	332	P	02 41 46.4	−0.3			

JAN 22d 03h 57m 06.1 ± 0.08s, SD1.10 / 93
49.94 N ± 1.03km, 78.83 E ± 1.09km, h0 ± 0.21km
Eastern Kazakhstan (329)
M_S5.0 / 20, m_b5.8 / 8,

WMQ	8.6	132	iP	03 59 14.7	−0.7			
			LZ	M_S = 5.1		8.0	8.78	
KSH	10.6	192	eP	03 59 43.0	0.0			
			eS	04 01 44.0	−0.2			
			LN	M_S = 5.4		6.0	9.40	
GTA	18.2	117	+P	04 01 21.2	−1.1			
			LN	M_S = 5.0		6.0	1.39	
			LZ	M_S = 4.7		10.0	1.93	
LSA	22.3	151	P	04 02 08.4	1.3			
LZH	22.8	118	+iP	04 02 12.5	0.4			
			PMZ	m_b = 6.0		2.0	1.21	
			LN	M_S = 4.9		8.0	1.10	
			LE			10.0	0.60	
			LZ	M_S = 4.5		16.0	1.30	
BTO	23.7	101	P	04 02 22.0	1.1			
			pP	04 02 28.5	3.9			
			eS	04 06 37.5	3.7			
			LN	M_S = 5.2		10.0	1.70	
			LE			10.0	1.80	
			LZ	M_S = 5.0		10.0	2.30	
HHC	24.5	99	P	04 02 30.0	0.9			
			S	04 06 48.0	0.7			
			LN	M_S = 5.5		9.0	2.50	
			LE			10.0	4.30	
CD2	26.7	126	iP	04 02 49.9	1.1			
			eS	04 07 25.0	1.7			

International Seismological Centre

			LZ		$M_S=4.7$		10.0	0.95
TIY	26.9	104	P	04 02 51.5		0.3		
			PMZ		$m_b=5.8$		0.8	0.17
			LN		$M_S=4.9$		11.0	1.27
			LZ		$M_S=4.9$		12.0	1.93
XAN	27.2	114	P	04 02 53.1		−0.6		
			PcP	04 06 13.2		−0.8		
TIA	30.8	102	+P	04 03 26.3		0.3		
			PcP	04 06 22.1		−0.9		
KMI	30.9	134	P	04 03 27.0		−0.6		
GYA	31.7	127	P	04 03 34.6		0.1		
			PcP	04 06 25.4		−0.1		
			S	04 08 44.0		0.5		
SNY	31.8	87	+iP	04 03 33.6		−1.1		
CN2	32.0	83	−P	04 03 35.8		−1.1		
			eS	04 08 44.0		−4.9		
			LE		$M_S=5.1$		10.0	1.20
			LZ		$M_S=5.0$		14.0	2.10
DL2	32.1	94	P	04 03 37.0		−0.3		
WHN	32.9	113	iP	04 03 44.5		0.0		
			PcP	04 06 28.2		−0.4		
			eS	04 09 02.0		−0.4		
			LN		$M_S=4.8$		12.0	0.70
MDJ	34.3	79	eP	04 03 56.0		−0.6		
			PcP	04 06 31.0		−1.6		
NJ2	34.6	106	−P	04 03 59.4		0.3		
			iPcP	04 06 33.2		−0.2		
SSE	36.7	105	P	04 04 17.0		0.0		
			PP	04 05 44.5		3.3		
			PcP	04 06 39.0		−0.6		
			LE		$M_S=4.6$		16.0	0.49
GZH	38.0	122	P	04 04 29.5		1.4		
QZN	39.5	130	+iP	04 04 41.3		0.4		
			PcP	04 06 48.4		0.0		
QZH	39.6	114	eP	04 04 40.5		−0.5		

JAN 22d 05h 19m 29.3 ± 0.11s, SD2.39 / 17
37.28 N ± 1.51km, 71.69 E ± 1.53km, h107 ± 0.90km
Afghanistan–USSR border region (717)

KSH	4.0	55	P	05 20 34.0		3.8		
			S	05 21 22.0		5.9		
			LN				3.0	1.40
GTA	22.1	76	eP	05 24 19.7		2.3		
GYA	31.4	100	eP	05 25 43.4		0.2		

JAN 22d 16h 19m 33.4 ± 0.10s, SD1.06 / 26
7.51 S ± 0.73km, 128.39 E ± 0.31km, h169 ± 1.06km
Timor (289)

XAN	45.3	337	P	16 27 35.2		−1.0		
TIY	47.4	343	−P	16 27 52.4		−0.6		
BJI	48.6	347	eP	16 28 02.0		−0.5		
LZH	49.1	334	eP	16 28 07.0		0.6		
GTA	53.7	333	+P	16 28 40.4		0.0		

JAN 22d 17h 29m 45.0 ± 0.13s, SD1.02 / 50
27.80 N ± 1.30km, 139.81 E ± 0.84km, h528 ± 1.16km
Bonin Islands region (212)

MDJ	18.7	337	eP	17 33 32.5		1.9		
DL2	18.8	311	eP	17 33 32.0		0.5		
CN2	19.7	328	eP	17 33 40.0		−0.5		
TIA	21.0	299	eP	17 33 51.9		−0.1		
WHN	22.4	283	P	17 34 05.5		0.4		
BJI	23.0	308	eP	17 34 10.0		−0.9		
GYA	29.5	275	P	17 35 07.8		−0.2		
CD2	31.5	284	iP	17 35 25.0		−0.1		
GTA	35.0	300	−iP	17 35 54.4		−0.3		
WMQ	44.4	305	P	17 37 11.0		0.3		

JAN 22d 18h 43m 27.3 ± 0.38s, SD2.69 / 37
24.61 N ± 2.38km, 122.23 E ± 2.95km, h4 ± 0.63km
Taiwan (244)
M_S4.6 / 14, M_L4.1 / 10,

QZH	3.3	276	ePn	18 44 17.4		−2.9		
			Sn	18 44 59.8		−2.4		
			SMN		$M_L=4.2$		0.8	1.09
			SME				0.8	0.49
			LE		$M_S=4.1$		8.0	4.00
SSE	6.5	352	ePn	18 45 00.4		−3.8		
			SMN		$M_L=4.1$		1.0	0.075
			SME				1.0	0.15
			LE		$M_S=4.4$		16.0	5.61
NJ2	8.0	339	eP	18 45 27.2		0.2		
			eS	18 46 54.8		−3.9		
			LN		$M_S=4.5$		9.0	2.30
			LE				8.0	1.49
WHN	9.2	312	eP	18 45 44.5		1.3		
			sP	18 45 51.5		1.7		
			eS	18 47 29.0		1.3		
			LE		$M_S=4.6$		8.0	2.60
GYA	14.2	281	eP	18 46 54.4		3.0		
			S	18 49 31.6		2.0		
			LN		$M_S=5.1$		7.0	2.89
			LE				7.0	1.36
BJI	16.2	343	eP	18 47 20.0		2.4		
			LN		$M_S=4.1$		9.0	0.38
			LZ		$M_S=4.0$		14.0	0.59
CD2	17.5	295	eP	18 47 35.5		1.4		
			S	18 50 48.0		0.8		
			LN		$M_S=4.9$		6.0	1.24
			LZ		$M_S=4.6$		8.0	1.16
KMI	17.7	276	P	18 47 38.5		1.8		
BTO	18.9	330	eP	18 47 56.0		4.0		
			pP	18 48 00.0		4.4		
			eS	18 51 26.5		5.8		
			LN		$M_S=4.6$		15.0	1.20
			LE				10.0	0.60
			LZ		$M_S=4.5$		15.0	1.50
LZH	19.5	310	eP	18 47 57.5		−1.3		
			LZ		$M_S=4.2$		16.0	0.80
MDJ	20.8	15	eP	18 48 13.0		0.2		
			eS	18 52 06.0		4.9		
			LE		$M_S=4.4$		13.0	0.63
			LZ		$M_S=4.1$		15.0	0.53
GTA	24.0	313	eP	18 48 42.8		−1.3		

JAN 22d 19h 41m 10.7 ± 0.13s, SD1.95 / 22
24.66 N ± 1.50km, 94.23 E ± 1.16km, h76 ± 0.05km
Burma–India border region (294)

LSA	5.7	332	P	19 42 36.2		0.7		
			S	19 43 33.6		−6.3		
			SMN				0.6	0.040
			SME				0.5	0.040
LZH	14.1	34	eP	19 44 26.0		−2.3		
GTA	15.4	16	eP	19 44 49.6		3.8		
XAN	15.8	50	P	19 44 48.3		−2.4		
WMQ	19.8	346	P	19 45 38.5		0.2		

JAN 22d 22h 20m 17.0 ± 0.08s, SD1.26 / 95
41.88 N ± 1.55km, 144.17 E ± 1.51km, h22 ± 0.38km
Hokkaido region (224)
M_S6.3 / 58, m_B6.2 / 21, m_b6.0 / 8,

MDJ	11.0	289	P	22 22 58.0		1.8		
			PMZ		$m_B=6.2$		7.0	4.40
			sP	22 23 07.0		1.1		
			LE		$M_S=6.0$		18.0	112
CN2	13.9	284	+iP	22 23 34.4		−0.6		

International Seismological Centre

			PMZ		$m_B = 6.5$		5.0	4.40
			pP	22 23 41.0		0.2		
			eS	22 26 12.0		2.6		
			LN		$M_S = 6.3$		16.0	136
SNY	15.3	277	+iP	22 23 54.7		0.5		
			PMZ				17.0	15.6
			sP	22 24 01.0		−3.2		
			S	22 26 48.0		4.3		
			SMN		$m_B = 5.9$		9.0	3.97
			SME				13.0	7.53
			LN		$M_S = 6.2$		15.0	21.4
			LE				16.0	74.4
			LZ		$M_S = 5.8$		14.0	36.9
DL2	17.4	268	+iP	22 24 20.0		−0.6		
			PMZ				19.0	5.36
			S	22 27 32.0		0.4		
			LN		$M_S = 6.1$		14.0	36.5
			LE				18.0	39.8
			LZ		$M_S = 5.7$		18.0	30.6
BJI	21.2	274	+P	22 25 01.5		−2.1		
			PMZ				20.0	10.6
			eS	22 28 54.0		0.6		
			LE		$M_S = 6.4$		14.0	69.0
SSE	21.3	247	P	22 25 03.2		−1.8		
			PMZ				16.0	4.45
			pP	22 25 09.0		−3.0		
			sP	22 25 12.0		−3.5		
			S	22 28 55.0		−0.3		
			sS	22 29 06.0		−1.3		
			SS	22 29 24.0		−5.4		
			LN		$M_S = 6.2$		14.0	26.2
			LE				14.0	35.1
			LZ		$M_S = 6.0$		16.0	43.6
TIA	21.7	264	+P	22 25 06.7		−2.2		
			PMZ				22.0	8.62
			S	22 28 59.0		−3.5		
			LN		$M_S = 6.0$		17.0	11.9
			LE				12.0	24.0
			LZ		$M_S = 5.8$		15.0	27.5
NJ2	22.4	252	+P	22 25 14.0		−1.8		
			pP	22 25 19.0		−4.0		
			S	22 29 18.0		2.6		
			LN		$M_S = 6.7$		13.0	44.7
			LE				13.0	97.2
HHC	24.4	279	P	22 25 35.0		−0.6		
			PMZ		$m_B = 6.5$		6.0	11.5
			PP	22 26 06.0		−4.5		
			S	22 29 50.0		−0.7		
			SMN				13.0	5.90
			SME				14.0	15.4
			LN		$M_S = 6.4$		13.0	28.0
			LE				16.0	55.8
			LZ		$M_S = 6.3$		24.0	102
TIY	24.7	271	+P	22 25 37.5		−0.4		
			PMZ		$m_B = 6.0$		9.0	5.29
			S	22 29 58.0		3.2		
			sS	22 30 06.5		−0.8		
			LN		$M_S = 6.0$		17.0	28.7
			LZ		$M_S = 6.4$		16.0	82.0
BTO	25.6	279	+iP	22 25 47.0		−0.1		
			pP	22 25 52.0		−2.1		
			PP	22 26 27.0		1.0		
			S	22 30 14.0		3.2		
			LN		$M_S = 6.6$		15.0	26.0
			LE				15.0	77.8
			LZ		$M_S = 6.5$		15.0	91.7
WHN	26.5	254	P	22 25 54.5		−0.2		
			PMZ		$m_B = 6.2$		6.0	3.64
			pP	22 25 59.0		−2.9		
			S	22 30 24.0		−0.6		
			LN		$M_S = 6.5$		14.0	40.3
			LE				15.0	55.4
			LZ		$M_S = 6.4$		16.0	83.9
QZH	27.1	239	+iP	22 26 00.5		0.1		
			PMZ		$m_B = 6.3$		7.0	4.46
			pP	22 26 05.0		−2.6		
			S	22 30 36.0		1.3		
			SME		$m_B = 6.0$		12.0	4.54
			LN		$M_S = 6.3$		20.0	38.4
			LE				20.0	40.3
			LZ		$M_S = 5.8$		19.0	22.8
XAN	28.7	266	P	22 26 16.4		1.1		
			LN		$M_S = 6.1$		15.5	26.0
LZH	31.7	273	P	22 26 42.0		0.4		
			PMZ		$m_B = 6.4$		7.0	4.20
			S	22 31 53.0		5.3		
			sS	22 32 04.0		3.1		
			SME				13.0	5.60
			LN		$M_S = 6.4$		14.0	30.3
			LE				13.0	11.2
			LZ		$M_S = 6.2$		16.0	38.8
GZH	31.8	244	iP	22 26 45.0		2.3		
			LN		$M_S = 6.6$		18.0	63.7
			LE				16.0	31.9
GTA	33.5	281	+iP	22 26 58.2		0.9		
			PMZ		$m_B = 6.2$		7.0	3.00
			pP	22 27 08.5		4.0		
			PP	22 28 09.5		0.6		
			S	22 32 16.0		0.1		
			sS	22 32 27.5		−1.5		
			PcS	22 33 24.0		1.9		
			LE		$M_S = 6.7$		16.0	79.6
			LZ		$M_S = 6.5$		18.0	91.7
CD2	34.0	265	iP	22 27 02.3		0.1		
			S	22 32 26.0		1.3		
			sS	22 32 32.0		−5.8		
			LN		$M_S = 6.3$		13.0	25.1
			LZ		$M_S = 6.0$		16.0	21.3
GYA	34.3	255	P	22 27 04.8		0.1		
			PMZ		$m_B = 6.4$		4.0	2.59
			S	22 32 29.0		−0.2		
			ScS	22 37 25.0		1.5		
			LN		$M_S = 6.6$		14.0	28.8
			LE				14.0	42.7
			LZ		$M_S = 6.2$		16.0	32.3
QZN	37.0	243	eP	22 27 27.0		0.0		
			sP	22 27 33.0		−4.7		
			eS	22 33 15.0		4.2		
			LN		$M_S = 6.4$		17.0	28.2
			LE				18.0	24.5
KMI	38.0	257	iP	22 27 36.5		0.8		
			PP	22 29 04.0		−0.9		
			S	22 33 25.0		−0.1		
			SS	22 36 05.0		2.9		
			LN		$M_S = 6.8$		16.0	39.0
			LE				16.0	55.8
WMQ	40.8	292	iP	22 27 59.0		0.3		
			pP	22 28 11.0		5.0		
			PP	22 29 42.0		6.3		
			SMN		$m_B = 5.8$		6.0	1.12
			LE		$M_S = 6.8$		15.0	59.3
			LZ		$M_S = 6.1$		20.0	28.2
LSA	44.1	272	+iP	22 28 28.1		2.1		
			pP	22 28 34.0		1.0		
			S	22 34 58.0		2.5		
			SMN		$m_B = 6.0$		12.0	3.20

International Seismological Centre

		LN	$M_S = 6.4$			15.0	19.0	
		LE				17.0	14.0	
KSH	50.5	291	+P	22 29 17.5	0.9			
			PP	22 31 12.0	−0.2			
			eS	22 36 28.0	−0.6			
			LN	$M_S = 6.7$		15.0	35.4	

JAN 22d 22h 48m 36.6 ± 0.08s, SD1.49 / 56
42.01 N ± 1.95km, 144.24 E ± 1.76km, h30 ± 0.68km
Hokkaido region (224)
m_b5.1 / 2,

MDJ	11.0	289	eP	22 51 12.0	−3.1			
CN2	13.9	284	−P	22 51 53.8	−0.2			
SNY	15.4	276	−P	22 52 13.8	0.3			
DL2	17.5	267	eP	22 52 40.5	0.5			
BJI	21.2	274	eP	22 53 20.5	−2.1			
SSE	21.4	247	eP	22 53 28.0	3.5			
TIA	21.8	264	eP	22 53 25.3	−2.8			
TIY	24.7	271	eP	22 53 57.3	0.3			
BTO	25.7	278	eP	22 54 06.8	0.8			
WHN	26.5	254	P	22 54 14.5	0.4			
XAN	28.8	266	P	22 54 34.1	−0.4			
LZH	31.7	273	eP	22 55 01.5	0.9			
			PMZ	$m_b = 5.2$		2.0	0.082	
GTA	33.5	281	+iP	22 55 16.6	0.5			
CD2	34.1	264	eP	22 55 21.2	0.0			
GYA	34.4	255	P	22 55 23.6	−0.4			
WMQ	40.8	292	P	22 56 18.0	0.8			

JAN 22d 23h 02m 06.5 ± 0.10s, SD1.50 / 73
38.58 N ± 1.70km, 68.71 E ± 1.68km, h33 ± 0.28km
Tadzhikistan (715)
M_S5.6 / 6, m_b5.2 / 1,

KSH	5.7	78	P	23 03 32.0	0.9			
			eS	23 04 40.0	3.7			
			LN	$M_S = 5.4$		8.0	32.5	
WMQ	15.2	64	iP	23 05 39.0	−1.8			
			S	23 08 31.0	2.7			
			SS	23 08 43.0	−3.1			
			LE	$M_S = 5.8$		7.0	13.9	
			LZ	$M_S = 5.5$		11.0	14.3	
LSA	20.5	109	P	23 06 45.7	0.3			
GTA	24.1	78	+iP	23 07 21.1	0.3			
			S	23 11 35.0	2.1			
			LE	$M_S = 5.6$		9.0	5.89	
			LZ	$M_S = 5.5$		10.0	7.71	
LZH	27.9	84	eP	23 07 57.0	0.5			
			PMZ	$m_b = 5.2$		2.5	0.12	
CD2	29.7	94	eP	23 08 13.2	1.5			
BTO	31.7	73	eP	23 08 30.6	0.9			
XAN	32.5	85	P	23 08 36.0	−1.0			
HHC	32.8	72	eP	23 08 39.5	0.0			
GYA	34.0	99	P	23 08 50.4	0.8			
			pP	23 09 00.4	1.7			
			S	23 14 17.0	6.3			
TIY	34.2	78	eP	23 08 51.0	−0.1			
BJI	36.4	72	eP	23 09 10.5	0.3			
WHN	38.1	88	eP	23 09 25.5	1.0			
			pP	23 09 35.5	1.7			
			S	23 15 16.0	1.8			
			LN	$M_S = 5.8$		10.0	3.50	
			LE			12.0	3.40	
			LZ	$M_S = 5.3$		16.0	4.20	
TIA	38.2	78	eP	23 09 25.2	0.1			
DL2	40.8	72	eP	23 09 48.5	1.8			
SNY	41.4	67	−P	23 09 51.8	−0.2			
CN2	42.3	64	−P	23 09 58.8	−0.4			
SSE	43.2	83	P	23 10 07.0	0.3			

JAN 23d 03h 06m 21.3 ± 0.16s, SD2.23 / 25
18.08 N ± 2.08km, 95.90 E ± 1.45km, h35 ± 0.22km
Burma (296)
m_b4.5 / 1,

KMI	9.5	41	eP	03 08 41.5	2.8			
LZH	19.3	20	eP	03 10 47.5	1.3			
			PMZ	$m_b = 4.5$		2.0	0.044	
WHN	20.9	50	eP	03 11 04.7	1.7			
GTA	21.5	8	eP	03 11 08.0	−1.9			
BTO	25.5	26	eP	03 11 47.5	−1.4			
WMQ	26.6	347	P	03 11 57.5	−1.1			

JAN 23d 04h 12m 13.8 ± 0.34s, SD2.15 / 7
23.56 N ± 2.20km, 122.11 E ± 2.13km, h11 ± 0.04km
Taiwan (244)
M_L3.6 / 8,

QZH	3.5	294	ePn	04 13 09.4	1.0			
			SMN	$M_L = 3.4$		0.3	0.16	
			SME			0.3	0.060	

JAN 23d 07h 36m 57.3 ± 0.11s, SD1.00 / 81
5.59 S ± 2.01km, 102.71 E ± 1.71km, h39 ± 0.31km
South-west of Sumatera (273)
M_S5.4 / 27,

QZN	25.4	16	P	07 42 25.3	1.8			
			eS	07 46 52.0	6.5			
			LN	$M_S = 5.0$		13.0	2.00	
GZH	30.3	20	eP	07 43 09.0	1.2			
			eS	07 48 08.0	3.9			
			LN	$M_S = 5.4$		10.0	0.87	
			LE			12.0	2.81	
			LZ	$M_S = 5.0$		18.0	2.86	
KMI	30.5	0	eP	07 43 11.0	1.2			
			sP	07 43 25.5	1.3			
			eS	07 48 08.0	0.4			
			LN	$M_S = 5.5$		13.0	4.80	
GYA	32.1	7	P	07 43 23.8	0.4			
			pP	07 43 35.0	1.6			
			S	07 48 37.8	7.0			
CD2	36.3	2	eP	07 43 59.3	−0.3			
			S	07 49 37.0	0.9			
			LE	$M_S = 5.6$		17.0	5.00	
			LZ	$M_S = 5.3$		18.0	5.09	
LSA	36.8	343	−iP	07 44 05.5	1.3			
WHN	37.6	17	P	07 44 11.5	1.0			
			pP	07 44 21.5	0.6			
			eS	07 49 58.0	0.9			
			LN	$M_S = 5.6$		18.0	3.80	
			LE			18.0	3.80	
			LZ	$M_S = 5.3$		20.0	4.50	
XAN	39.8	8	P	07 44 28.1	−1.1			
			LN	$M_S = 5.4$		14.0	2.45	
SSE	40.5	25	P	07 44 36.0	1.3			
			S	07 50 42.0	1.9			
			LN	$M_S = 5.1$		16.0	1.41	
			LZ	$M_S = 5.0$		18.0	1.81	
LZH	41.5	1	eP	07 44 43.0	0.3			
			LN	$M_S = 5.3$		14.0	1.80	
			LE			13.0	0.80	
			LZ	$M_S = 5.2$		18.0	3.10	
TIA	43.7	17	eP	07 45 00.7	−0.2			
			LN	$M_S = 5.3$		18.0	1.90	
			LE			18.0	1.18	
			LZ	$M_S = 5.0$		22.0	1.94	
TIY	44.0	11	+P	07 45 03.8	0.4			
			eS	07 51 29.0	−3.6			
			LN	$M_S = 5.4$		17.0	2.42	

International Seismological Centre

			LZ		$M_S = 5.5$	18.0	5.60
GTA	44.9	357	+iP	07 45 10.5	0.3		
			PMZ			3.0	0.90
			S	07 51 47.0	3.6		
			LN		$M_S = 5.6$	16.0	3.36
			LZ		$M_S = 5.6$	18.0	6.48
BTO	46.4	8	P	07 45 23.0	0.2		
			sP	07 45 41.0	3.5		
			eS	07 52 07.0	−0.4		
			LN		$M_S = 5.5$	13.0	2.10
			LE			14.0	0.90
			LZ		$M_S = 5.2$	13.0	1.70
HHC	46.9	9	P	07 45 27.0	0.5		
			S	07 52 15.0	2.2		
			LN		$M_S = 5.6$	16.0	3.30
			LE			13.0	1.20
			LZ		$M_S = 5.4$	20.0	4.20
BJI	47.1	14	eP	07 45 27.0	−0.5		
			eS	07 52 16.0	0.1		
			LN		$M_S = 5.4$	14.0	1.80
			LZ		$M_S = 5.3$	18.0	3.30
SNY	50.9	20	eP	07 45 55.6	−1.4		
			eS	07 53 07.0	−2.4		
			LN		$M_S = 5.4$	20.0	1.58
			LE			20.0	1.67
			LZ		$M_S = 5.0$	22.0	1.63
WMQ	51.0	346	P	07 45 58.0	−0.1		
			S	07 53 12.0	2.0		
			LZ		$M_S = 4.9$	16.0	1.00
KSH	51.2	333	eP	07 46 00.3	0.4		
			eS	07 53 16.0	1.3		
			LE		$M_S = 5.5$	6.0	0.80
CN2	53.3	20	+P	07 46 13.0	−2.0		
			PMZ			3.0	0.30
			LN		$M_S = 5.1$	14.0	0.70
			LZ		$M_S = 5.2$	18.0	1.80
MDJ	55.5	23	eP	07 46 30.0	−1.3		

JAN 23d 11h 17m 48.2 ± 0.13s, SD1.17 / 71
5.59 S ± 1.42km, 151.78 E ± 1.19km, h39 ± 0.77km
New Britain region (192)
M_S5.2 / 3, m_b5.3 / 1,

QZH	44.3	315	−P	11 25 58.0	1.4		
			LN		$M_S = 5.0$	20.0	1.25
			LZ		$M_S = 4.8$	20.0	1.25
SSE	46.7	323	eP	11 26 16.5	0.5		
			sS	11 33 20.0	0.1		
			LZ		$M_S = 4.8$	18.0	0.91
QZN	48.0	302	eP	11 26 27.8	1.9		
WHN	50.7	317	P	11 26 47.6	0.8		
			pP	11 26 55.5	−1.7		
			eS	11 33 59.0	0.8		
			LZ		$M_S = 4.9$	20.0	1.30
GYA	54.1	308	P	11 27 12.8	0.8		
CN2	54.6	337	eP	11 27 14.0	−1.7		
BJI	56.0	327	eP	11 27 25.0	−0.8		
			LZ		$M_S = 4.8$	20.0	0.73
XAN	56.5	317	P	11 27 29.2	−0.3		
TIY	56.5	323	eP	11 27 29.0	−0.7		
			eS	11 35 20.0	3.0		
			LN		$M_S = 5.2$	20.0	1.15
			LZ		$M_S = 5.0$	23.0	1.33
CD2	58.5	311	eP	11 27 43.5	0.0		
HHC	59.1	325	eP	11 27 48.0	0.2		
BTO	59.8	324	P	11 27 52.2	−0.7		
LZH	61.1	317	eP	11 28 01.5	0.0		
GTA	65.5	318	+P	11 28 30.8	−0.1		
LSA	67.8	305	P	11 28 47.0	1.2		
WMQ	75.6	318	P	11 29 31.8	−0.1		
KSH	82.7	311	eP	11 30 12.5	2.1		

JAN 23d 14h 06m 26.0 ± 0.15s, SD1.34 / 49
61.95 N ± 1.37km, 4.53 E ± 2.01km, h32 ± 0.34km
Southern Norway (535)
M_S5.1 / 2,

WMQ	49.6	71	P	14 15 17.3	0.8		
			sP	14 15 26.0	−3.5		
			S	14 22 21.0	0.6		
			LZ		$M_S = 5.1$	14.0	1.33
GTA	58.4	65	+iP	14 16 21.8	0.0		
			LN		$M_S = 5.1$	8.5	0.42
			LZ		$M_S = 5.2$	16.0	1.56
BTO	61.6	57	eP	14 16 40.5	−3.2		
HHC	62.0	55	eP	14 16 45.2	−1.1		
LSA	62.7	78	P	14 16 52.5	1.3		
LZH	62.9	64	eP	14 16 53.0	0.5		
			pP	14 17 01.0	−0.7		
			LZ		$M_S = 5.1$	20.0	1.30
CN2	64.4	44	eP	14 17 02.0	0.1		
BJI	64.5	52	eP	14 17 02.5	0.2		
TIY	65.1	56	eP	14 17 06.8	0.5		
			LE		$M_S = 5.0$	11.0	0.37
			LZ		$M_S = 5.2$	16.0	1.19
CD2	67.3	67	eP	14 17 21.1	0.4		
WHN	72.1	59	eP	14 17 46.8	−2.9		
			eS	14 27 06.0	−2.9		
			LZ		$M_S = 5.2$	16.0	1.20
GYA	72.5	67	P	14 17 52.0	0.0		

JAN 23d 16h 24m 30.4 ± 0.08s, SD2.33 / 9
15.93 N ± 1.25km, 121.00 E ± 1.74km, h35 ± 0.38km
Luzon (249)

XAN	21.1	331	P	16 29 15.7	1.5		
CD2	21.7	316	eP	16 29 20.4	−0.1		
BJI	24.4	351	eP	16 29 48.0	1.1		

JAN 23d 19h 07m 09.8 ± 0.14s, SD2.40 / 26
24.95 N ± 2.14km, 124.52 E ± 1.92km, h43 ± 0.57km
South-western Ryukyu Islands (246)
M_L3.6 / 5,

QZH	5.4	271	eP	19 08 31.5	1.8		
SSE	6.8	335	eP	19 08 52.5	3.0		
			SMN		$M_L = 3.3$	1.0	0.012
			SME			1.0	0.018
XAN	16.3	307	P	19 10 58.0	0.5		
TIY	16.4	324	eP	19 11 00.6	2.4		
BJI	16.6	337	eP	19 11 00.5	−0.6		
CN2	18.8	2	−P	19 11 28.6	0.0		
CD2	19.3	293	eP	19 11 30.3	−3.5		
LZH	20.9	307	eP	19 11 54.0	2.3		

JAN 24d 04h 00m 28.4 ± 0.19s, SD2.05 / 42
54.68 S ± 4.71km, 26.76 W ± 6.08km, h33 ± 0.66km
South Sandwich Islands region (153)

KSH	127.9	73	ePKP	04 19 35.0	2.7		
GYA	135.9	111	PKP	04 19 47.8	0.4		
GTA	141.5	91	PKP	04 19 52.4	−5.1		
			LZ		$M_S = 5.5$	20.0	0.75
LZH	141.6	98	ePKP	04 19 54.0	−3.7		
			LZ		$M_S = 5.3$	24.0	0.60
WHN	143.3	115	ePKP	04 19 55.5	−4.9		
NJ2	146.8	119	+PKP	04 20 10.0	3.5		
SSE	147.2	123	PKP	04 20 10.0	2.9		
TIY	147.6	105	PKP	04 20 08.2	0.3		
BTO	148.2	98	ePKP	04 20 09.0	0.1		
TIA	149.1	112	ePKP	04 20 10.8	0.6		

International Seismological Centre

HHC	149.3	99	PKP	04 20 11.0	0.4			
BJI	151.3	105	ePKP	04 20 13.0	−0.6			
			epPKP	04 20 21.0	−2.2			

JAN 24d 04h 49m 11.7 ± 0.07s, SD1.32 / 77
27.21 N ± 1.33km, 128.46 E ± 1.15km, h78 ± 0.77km
Ryukyu Islands (238)
M_S4.1 / 7, m_b5.4 / 3,

SSE	7.4	303	P	04 50 58.0	−1.9			
			SMN			1.0	0.025	
			SME			1.0	0.036	
			LE	M_S = 3.6		10.0	0.45	
			LZ	M_S = 3.9		22.0	1.45	
QZH	9.2	258	+P	04 51 22.5	−0.7			
NJ2	9.7	302	−P	04 51 29.0	−1.0			
			LZ	M_S = 4.2		12.0	1.52	
WHN	12.8	288	P	04 52 13.2	0.9			
			eS	04 54 33.5	0.0			
			LE	M_S = 4.1		12.0	0.70	
			LZ	M_S = 4.0		20.0	1.10	
DL2	13.0	336	eP	04 52 16.5	1.7			
			eS	04 54 44.0	6.0			
SNY	15.1	346	eP	04 52 42.0	−0.5			
			pP	04 52 53.9	−2.3			
			eS	04 55 26.0	−2.4			
			LN	M_S = 3.9		24.0	0.71	
			LZ	M_S = 3.8		28.0	0.85	
BJI	16.4	325	eP	04 52 58.5	0.4			
			pP	04 53 12.0	−0.5			
			LZ	M_S = 4.0		20.0	0.91	
CN2	16.7	352	+P	04 53 04.0	1.2			
TIY	17.1	312	P	04 53 09.3	2.1			
			S	04 56 18.0	5.4			
			LN	M_S = 4.1		9.0	0.30	
MDJ	17.4	3	eP	04 53 11.0	0.0			
XAN	18.1	297	P	04 53 19.8	−0.2			
GYA	19.5	273	P	04 53 36.2	1.0			
			sP	04 53 59.0	−1.3			
			S	04 57 05.0	0.0			
HHC	19.5	319	P	04 53 34.0	−1.3			
BTO	20.3	316	eP	04 53 43.0	−0.6			
			pP	04 53 58.0	−1.3			
			PP	04 54 06.0	−0.6			
			eS	04 57 21.0	−1.0			
CD2	21.9	286	eP	04 53 59.5	−0.5			
LZH	22.7	299	eP	04 54 09.0	1.0			
			PMZ	m_b = 4.9		2.0	0.11	
KMI	23.2	271	P	04 54 15.0	2.4			
GTA	26.7	304	eP	04 54 44.2	−2.2			
WMQ	36.7	308	P	04 56 12.5	−0.7			
KSH	45.0	300	eP	04 57 23.0	1.3			

JAN 24d 08h 34m 41.8 ± 0.10s, SD1.16 / 71
28.85 N ± 1.41km, 142.54 E ± 1.98km, h41 ± 0.67km
Bonin Islands region (212)
M_S4.7 / 16, m_b4.9 / 4,

SSE	18.6	282	eP	08 39 02.0	3.4			
			eS	08 42 22.0	0.5			
			LN	M_S = 4.2		12.0	0.51	
MDJ	18.8	330	eP	08 39 00.7	0.0			
			LZ	M_S = 4.5		15.0	1.74	
SNY	20.1	315	eP	08 39 14.3	−0.9			
			pP	08 39 26.0	1.1			
			eS	08 42 55.0	1.0			
			LN	M_S = 4.6		14.0	1.00	
			LE			14.0	0.64	
			LZ	M_S = 4.3		14.0	0.88	
CN2	20.2	322	eP	08 39 16.0	−0.5			
			sP	08 39 30.0	−1.3			
			eS	08 42 55.0	−1.6			
			LN	M_S = 4.6		13.0	1.20	
			LZ	M_S = 4.5		16.0	1.50	
NJ2	20.7	285	+P	08 39 20.5	−0.3			
			LZ	M_S = 4.5		12.0	1.22	
QZH	21.7	265	eP	08 39 33.5	2.2			
TIA	22.6	295	P	08 39 40.0	−0.4			
			eS	08 43 41.0	0.3			
			LN	M_S = 4.7		13.0	0.84	
			LE			13.0	0.80	
			LZ	M_S = 4.2		22.0	0.91	
BJI	24.4	304	eP	08 39 56.5	−0.9			
			eS	08 44 12.0	0.8			
			LE	M_S = 4.5		14.0	0.69	
			LZ	M_S = 4.4		20.0	1.20	
WHN	24.5	281	eP	08 39 58.5	−0.5			
			pP	08 40 08.0	−1.3			
			S	08 44 15.0	1.7			
			LN	M_S = 4.9		14.0	1.90	
TIY	26.6	297	eP	08 40 18.7	0.2			
			sP	08 40 30.0	−3.5			
			eS	08 44 43.0	−5.5			
			LE	M_S = 4.8		15.0	1.30	
			LZ	M_S = 4.6		16.0	1.31	
HHC	28.0	304	eP	08 40 30.8	−0.3			
BTO	29.0	302	eP	08 40 39.5	−1.1			
			sP	08 40 53.0	−2.6			
			eS	08 45 28.0	0.2			
			LN	M_S = 5.0		15.0	0.80	
			LE			15.0	1.40	
			LZ	M_S = 4.8		15.0	1.70	
XAN	29.1	289	P	08 40 40.0	−0.9			
GYA	31.8	274	P	08 41 04.8	−0.4			
LZH	33.3	293	eP	08 41 16.5	−1.6			
			PMZ	m_b = 5.1		2.0	0.055	
			LZ	M_S = 4.6		18.0	1.00	
CD2	33.6	283	P	08 41 19.7	−0.9			
			LN	M_S = 5.2		15.0	1.97	
KMI	35.6	274	P	08 41 38.5	0.8			
			pP	08 41 50.0	1.9			
			S	08 47 12.5	3.9			
GTA	36.6	298	eP	08 41 45.8	−0.7			
			LZ	M_S = 4.5		20.0	0.88	
WMQ	45.8	304	P	08 43 02.1	−0.1			
			S	08 49 41.0	−0.4			
			LZ	M_S = 4.6		20.0	0.70	

JAN 24d 10h 32m 02.1 ± 0.12s, SD2.59 / 31
22.96 N ± 1.26km, 99.71 E ± 1.56km, h29 ± 0.61km
Burma–China border region (297)
M_S4.1 / 4, M_L4.4 / 8,

KMI	3.5	52	ePn	10 32 58.5	3.0			
			Pg	10 33 05.0	0.7			
			Sg	10 33 52.0	−0.4			
			SME	M_L = 4.4		1.0	1.10	
			LN	M_S = 4.0		7.0	2.50	
GYA	7.2	60	Pn	10 33 48.4	2.0			
			Sn	10 35 08.0	−1.3			
			SMN	M_L = 4.7		1.4	0.080	
			SME			1.4	0.60	
CD2	8.7	24	eP	10 34 13.4	4.2			
			LE	M_S = 4.1		6.0	0.69	
QZN	10.2	111	eP	10 34 28.6	−1.8			
			eS	10 36 25.0	−0.5			
			LN	M_S = 4.0		9.0	0.60	
XAN	13.7	34	eP	10 35 12.3	−4.5			
GTA	16.4	0	eP	10 35 53.3	1.1			

			LE		$M_S=4.3$		12.0	0.72
TIY	18.3	34	eP	10	36	16.8	0.6	
BJI	22.0	36	P	10	36	56.5	0.5	

JAN 24d 13h 12m 23.7±0.47s, SD3.39/5
37.11 N±3.73km, 76.92 E±1.98km, h10± km
Kashmir–Xinjiang border region (324)
M_L3.7/3,

KSH	2.5	342	ePn	13	13	06.0	0.6	
			SMN		$M_L=3.7$		0.7	0.30
			SME				0.9	0.50

JAN 24d 18h 07m 25.0±0.11s, SD2.61/20
31.22 N±1.08km, 103.86 E±0.94km, h11±0.34km
Sichuan Province (307)
M_L3.9/10,

XAN	5.1	55	Pn	18	08	41.5	−0.4	
			Sn	18	09	40.0	−3.0	
			SMN		$M_L=3.9$		0.6	0.15
			SME				0.6	0.10
GYA	5.3	152	Pn	18	08	49.4	4.2	
			Sn	18	09	47.6	−1.1	
			SMN		$M_L=4.0$		0.8	0.12
			SME				0.8	0.19
GTA	8.8	339	eP	18	09	38.2	2.5	

JAN 24d 20h 03m 37.9±0.08s, SD1.51/98
42.14 N±2.02km, 142.75 E±1.65km, h56±1.32km
Hokkaido region (224)
M_S5.3/50, m_B5.7/8, m_b5.8/6,

MDJ	9.9	289	eP	20	06	02.3	2.0	
			pP	20	06	10.0	3.3	
			sP	20	06	15.0	−1.9	
			S	20	07	55.0	5.4	
			SS	20	08	10.0	6.4	
			LN		$M_S=5.0$		11.0	8.47
			LZ		$M_S=4.9$		20.0	12.4
CN2	12.8	283	eP	20	06	39.0	−0.2	
			pP	20	06	49.5	1.0	
			eS	20	09	00.0	0.2	
			LN		$M_S=5.2$		10.0	7.50
			LZ		$M_S=5.2$		16.0	14.7
SNY	14.3	275	−P	20	07	00.0	1.4	
			sP	20	07	10.0	−5.6	
			S	20	09	40.0	5.3	
			LN		$M_S=4.9$		11.0	2.56
			LE				10.0	1.86
			LZ		$M_S=4.8$		27.0	9.07
DL2	16.4	266	P	20	07	26.0	0.3	
			S	20	10	30.0	6.3	
			LN		$M_S=5.1$		13.0	2.34
			LE				15.0	5.31
			LZ		$M_S=4.7$		17.0	3.56
BJI	20.1	273	eP	20	08	07.5	−2.4	
			PMZ		$m_B=5.1$		12.0	1.20
			eS	20	11	42.0	−5.6	
			LN		$M_S=5.0$		13.0	2.96
			LZ		$M_S=5.1$		16.0	5.60
SSE	20.5	244	+P	20	08	12.2	−1.3	
			PMZ		$m_B=5.6$		4.0	1.32
			pP	20	08	24.0	−1.8	
			eS	20	11	55.0	0.7	
			sS	20	12	12.0	−1.0	
			LN		$M_S=5.3$		14.0	3.37
			LE				14.0	4.91
			LZ		$M_S=4.9$		18.0	4.01
TIA	20.7	262	P	20	08	13.7	−2.2	
			S	20	11	57.8	0.0	
			SMN		$m_B=5.8$		5.0	1.38
			LE		$M_S=5.1$		15.0	3.78
			LZ		$M_S=4.7$		28.0	4.14
NJ2	21.5	250	−P	20	08	22.6	−1.4	
			sP	20	08	43.5	0.5	
			S	20	12	10.0	−2.8	
			LN		$M_S=5.4$		15.0	3.23
			LE				15.0	6.87
			LZ		$M_S=5.5$		16.0	13.3
HHC	23.3	277	eP	20	08	41.0	−1.3	
			S	20	12	46.0	0.0	
			LN		$M_S=5.1$		13.0	2.60
TIY	23.6	269	eP	20	08	43.7	−1.1	
			pP	20	08	54.0	−3.7	
			sP	20	09	03.0	−0.8	
			PP	20	09	13.0	−4.7	
			eS	20	12	48.0	−3.5	
			LN		$M_S=5.0$		13.0	2.00
			LZ		$M_S=5.2$		16.0	5.60
BTO	24.5	277	P	20	08	52.0	−1.9	
			ePP	20	09	29.0	−1.1	
			S	20	13	07.0	0.3	
			SS	20	14	00.0	−4.6	
			LN		$M_S=5.3$		10.0	1.30
			LE				17.0	4.80
			LZ		$M_S=5.1$		17.0	4.60
WHN	25.5	252	eP	20	09	02.0	−1.1	
			pP	20	09	12.5	−3.6	
			S	20	13	26.0	3.0	
			SS	20	14	34.0	5.3	
			LN		$M_S=5.4$		14.0	4.20
			LE				14.0	2.90
			LZ		$M_S=5.0$		20.0	4.50
QZH	26.3	237	+P	20	09	11.5	1.0	
			pP	20	09	23.0	−0.6	
			S	20	13	41.0	5.0	
			LE		$M_S=5.0$		14.0	2.12
			LZ		$M_S=4.7$		18.0	1.94
XAN	27.7	264	P	20	09	21.7	−1.5	
			S	20	13	58.9	0.5	
			LN		$M_S=5.0$		15.0	2.07
LZH	30.6	272	eP	20	09	47.5	−1.7	
			pP	20	10	02.0	−0.3	
			eS	20	14	44.0	−1.7	
			LN		$M_S=5.1$		15.0	1.70
			LE				16.0	1.50
			LZ		$M_S=5.1$		16.0	3.30
GZH	31.0	241	P	20	09	55.5	3.0	
			eS	20	14	56.0	4.5	
			LN		$M_S=5.7$		14.0	4.30
			LE				14.0	6.10
GTA	32.4	280	+iP	20	10	04.5	−0.4	
			pP	20	10	14.0	−4.1	
			PcP	20	12	52.5	2.0	
			S	20	15	15.0	2.4	
			ScP	20	16	33.4	5.6	
			PcS	20	16	37.7	3.6	
			ScS	20	20	31.3	5.6	
			LN		$M_S=5.3$		11.0	2.00
			LZ		$M_S=5.1$		18.0	3.67
CD2	33.0	263	iP	20	10	09.3	−1.0	
			eS	20	15	20.0	−3.5	
			LN		$M_S=5.5$		14.0	3.93
			LZ		$M_S=4.8$		16.0	1.61
GYA	33.4	254	P	20	10	13.0	−0.5	
			S	20	15	29.2	1.1	
			LN		$M_S=5.4$		14.0	1.63
			LE				14.0	2.61

International Seismological Centre

International Seismological Centre

		LZ		$M_S=5.0$		16.0	2.35
QZN	36.2	241	−P	20 10 39.5	2.3		
			eS	20 16 15.0	3.0		
			LN		$M_S=5.5$	16.0	2.98
			LE			15.0	2.20
KMI	37.0	256	eP	20 10 44.5	0.0		
			PMZ			3.0	0.60
			pP	20 10 59.0	1.2		
			sP	20 11 04.0	0.1		
			PP	20 12 16.0	5.4		
			S	20 16 28.0	4.0		
			LN		$M_S=5.5$	16.0	2.10
			LE			14.0	2.60
WMQ	39.7	292	iP	20 11 07.0	0.3		
			pP	20 11 19.0	−1.2		
			S	20 17 08.0	3.5		
			SME		$m_B=5.6$	6.0	0.68
			LE		$M_S=5.7$	14.0	5.31
			LZ		$M_S=5.6$	17.0	7.11
LSA	43.0	270	+P	20 11 36.7	2.4		
			iS	20 17 59.0	3.7		
			SME		$m_B=5.8$	6.0	0.95
			LN		$M_S=5.3$	15.0	1.50
			LE			17.0	1.30
KSH	49.5	291	P	20 12 26.0	0.9		
			S	20 19 31.0	5.5		
			LE		$M_S=5.9$	15.0	6.00

JAN 25d 02h 41m 39.7 ± 0.06s, SD1.46 / 15
38.22 N ± 0.81km, 73.57 E ± 0.72km, h135 ± 0.44km
Tadzhikistan (715)

KSH	2.2	54	P	02 42 20.0	2.1		
			S	02 42 48.5	2.3		
			SMN			0.3	0.90
			SME			0.2	0.80
WMQ	12.0	58	eP	02 44 27.2	−1.0		
GTA	20.5	78	eP	02 46 10.7	1.8		

JAN 25d 03h 50m 58.6 ± 0.61s, SD1.94 / 15
25.12 S ± 4.57km, 175.56 W ± 1.68km, h39 ± 3.29km
South of Fiji (171)

CN2	87.3	322	eP	04 03 41.0	−2.5		
TIA	88.0	312	eP	04 03 45.6	−1.3		
TIY	92.0	311	−P	04 04 05.6	−0.1		

JAN 25d 06h 51m 15.1 ± 0.08s, SD1.61 / 40
22.92 N ± 1.53km, 121.60 E ± 1.68km, h1 ± 1.21km
Taiwan region (243)
M_S4.2 / 11, M_L4.2 / 12,

QZH	3.4	307	iPn	06 52 10.0	0.4		
			SMN		$M_L=4.1$	0.7	0.48
			SME			0.8	0.76
GZH	7.6	273	P	06 53 10.5	0.6		
			S	06 54 31.2	−6.4		
			SMN		$M_L=4.6$	1.0	0.25
			SME			1.0	0.13
SSE	8.2	357	eP	06 53 15.0	−2.4		
			SMN		$M_L=3.7$	1.0	0.012
			SME			1.0	0.027
			LN		$M_S=3.8$	12.0	0.58
			LE			12.0	0.58
			LZ		$M_S=3.6$	12.0	0.45
WHN	10.0	321	eP	06 53 41.0	−1.8		
			pP	06 53 44.5	−1.6		
			eS	06 55 41.2	4.5		
			SMN			1.0	0.10
			SME			1.0	0.13
			LN		$M_S=4.3$	9.0	0.80
			LE			10.0	1.02
QZN	11.6	253	eP	06 54 05.7	0.1		
			eS	06 56 19.0	1.4		
			LE		$M_S=4.2$	17.0	1.60
GYA	14.0	288	P	06 54 37.8	0.2		
			S	06 57 20.8	6.2		
			SMN			1.6	0.12
			SME			1.6	0.080
XAN	15.7	318	eP	06 55 01.9	2.5		
			LN		$M_S=4.5$	10.0	0.75
			LE			10.0	0.65
TIY	16.7	334	eP	06 55 15.6	3.1		
			LN		$M_S=4.5$	11.0	0.89
			LE			11.0	0.58
BJI	17.7	346	P	06 55 24.0	−0.4		
CD2	17.8	300	P	06 55 26.6	0.9		
HHC	19.8	337	eP	06 55 50.7	0.9		
BTO	20.2	334	eP	06 55 54.0	0.0		
			sP	06 56 00.0	−0.7		
			LN		$M_S=4.7$	12.0	1.00
			LE			12.0	0.90
			LZ		$M_S=4.4$	12.0	1.00
GTA	24.8	317	eP	06 56 39.6	−0.3		

JAN 25d 10h 14m 33.0 ± 0.08s, SD1.49 / 15
27.97 S ± 1.28km, 26.80 E ± 1.09km, h5 ± 0.70km
South Africa (584)

KSH	81.3	36	P	10 26 52.9	0.3		
CD2	93.8	57	eP	10 27 52.8	−0.7		
GYA	93.9	62	P	10 27 53.4	−0.3		

JAN 25d 10h 18m 35.5 ± 0.09s, SD1.55 / 59
41.84 N ± 1.94km, 144.41 E ± 2.07km, h27 ± 0.75km
Hokkaido region (224)
M_S4.3 / 4,

MDJ	11.2	289	eP	10 21 17.0	0.2		
			eS	10 23 21.0	−0.8		
			LZ		$M_S=4.1$	15.0	1.31
CN2	14.1	284	eP	10 21 56.0	0.6		
			sP	10 22 08.0	1.8		
			eS	10 24 28.0	−3.7		
			LE		$M_S=4.3$	13.0	1.10
SNY	15.5	277	−P	10 22 13.2	−1.4		
BJI	21.4	275	eP	10 23 21.5	−1.9		
SSE	21.5	248	eP	10 23 23.5	−0.9		
TIA	21.9	264	eP	10 23 26.3	−2.3		
HHC	24.6	279	eP	10 23 57.2	1.9		
TIY	24.8	271	eP	10 23 57.0	−0.6		
			eS	10 28 19.5	3.1		
			LZ		$M_S=4.2$	17.0	0.60
BTO	25.8	279	eP	10 24 09.0	2.3		
			eS	10 28 35.0	2.6		
			LN		$M_S=4.6$	14.0	0.30
			LE			15.0	0.80
			LZ		$M_S=4.5$	15.0	1.00
WHN	26.6	255	P	10 24 15.5	1.4		
XAN	28.9	266	P	10 24 34.8	0.0		
LZH	31.8	273	eP	10 25 02.0	0.9		
GTA	33.7	281	eP	10 25 17.6	0.8		
			PcP	10 28 00.6	4.8		
CD2	34.2	265	eP	10 25 21.8	0.3		
GYA	34.5	256	P	10 25 24.4	0.4		
WMQ	40.9	293	P	10 26 18.8	0.7		
			eS	10 32 27.5	−1.0		
			sS	10 32 43.5	1.6		
			LZ		$M_S=4.6$	16.0	0.67

JAN 25d 14h 57m 19.1 ± 0.12s, SD1.84 / 18

4.71 S ± 3.25km, 68.10 E ± 3.89km, h15 ± 0.99km
Carlsberg Ridge (421)

CD2	49.1	41	eP	15 06 10.2	1.4	
WMQ	51.4	18	eP	15 06 24.5	−1.9	
GTA	52.8	31	eP	15 06 35.2	−1.2	
XAN	54.5	42	P	15 06 48.3	−0.8	

JAN 26d 02h 08m 20.5 ± 0.08s, SD3.44 / 5
37.32 N ± 0.58km, 77.42 E ± 0.45km, h11 ± 0.05km
Kashmir–Xinjiang border region (324)
M_L3.4 / 3,

KSH	2.5	332	Pn	02 09 01.9	0.4		
			Sg	02 09 37.0	−1.4		
			SMN	M_L = 3.4		0.2	0.30
			SME			0.2	0.10

JAN 26d 03h 50m 18.3 ± 0.20s, SD1.68 / 21
18.27 S ± 1.69km, 178.75 W ± 1.60km, h609 ± 2.23km
Fiji region (181)

GYA	84.9	300	P	04 01 53.0	0.6
XAN	86.2	308	iP	04 01 59.1	0.6

JAN 26d 08h 27m 00.1 ± 0.07s, SD1.09 / 28
46.57 N ± 2.37km, 153.81 E ± 1.32km, h24 ± 0.99km
Kurile Islands (221)

MDJ	17.1	272	eP	08 30 58.5	−0.3
CN2	20.1	272	eP	08 31 35.0	−0.6
BJI	28.0	270	eP	08 32 52.0	0.8
HHC	30.8	275	eP	08 33 16.6	0.0
TIY	31.6	269	eP	08 33 24.4	0.4
XAN	36.0	266	eP	08 34 00.7	−0.8
LZH	38.4	273	eP	08 34 22.0	0.2
GTA	39.5	280	eP	08 34 31.0	0.1
CD2	41.3	266	eP	08 34 46.2	−0.1
GYA	42.1	258	P	08 34 52.0	−0.9

JAN 26d 13h 55m 00.5 ± 0.07s, SD0.95 / 92
47.67 N ± 1.77km, 154.26 E ± 1.57km, h25 ± 0.43km
Kurile Islands (221)
M_S5.8 / 53, m_B5.8 / 17, m_b5.0 / 3,

MDJ	17.3	269	eP	13 59 03.0	0.2		
			pP	13 59 06.0	−3.3		
			S	14 02 10.0	−2.9		
			LE	M_S = 5.6		13.0	14.4
			LZ	M_S = 5.6		18.0	27.3
CN2	20.4	270	eP	13 59 37.2	−1.7		
			epP	13 59 40.5	−5.7		
			eS	14 03 18.7	−3.1		
			LE	M_S = 5.7		15.0	15.5
SNY	22.5	266	+iP	14 00 00.0	0.5		
			PMZ			18.0	2.73
			PP	14 00 32.0	5.4		
			eS	14 04 00.0	0.0		
			sS	14 04 11.0	−1.4		
			SMN			26.0	4.66
			LN	M_S = 5.9		15.0	10.3
			LE			15.0	16.3
			LZ	M_S = 5.8		18.0	32.0
DL2	25.2	262	eP	14 00 25.0	−0.7		
			eS	14 04 47.0	0.1		
			LN	M_S = 5.6		13.0	7.41
			LE			14.0	3.14
			LZ	M_S = 5.2		16.0	5.25
BJI	28.3	269	eP	14 00 54.0	−0.4		
			PMZ	m_B = 5.3		6.0	0.41
			ePP	14 01 48.0	3.1		
			eS	14 05 40.0	2.3		
			LN	M_S = 5.7		15.0	9.00
			LZ	M_S = 5.8		16.0	15.6
TIA	29.6	261	eP	14 01 06.1	−0.4		
			S	14 05 54.0	−4.5		
			SMN	m_B = 5.5		10.0	0.89
			SME			12.0	0.75
			LN	M_S = 5.7		14.0	4.55
			LE			15.0	7.81
			LZ	M_S = 5.3		20.0	7.25
SSE	30.2	249	+P	14 01 11.0	−0.2		
			PMZ	m_B = 6.1		4.0	1.44
			S	14 06 08.0	1.1		
			sS	14 06 18.0	−2.9		
			eSS	14 07 48.0	2.5		
			LN	M_S = 5.8		20.0	12.6
			LE			20.0	5.61
			LZ	M_S = 5.1		20.0	4.66
HHC	31.0	273	P	14 01 18.0	−0.9		
			sP	14 01 28.0	−2.1		
			PP	14 02 20.0	−0.5		
			S	14 06 20.0	−0.3		
			LN	M_S = 5.9		14.0	4.50
			LE			13.0	10.0
			LZ	M_S = 5.8		14.0	13.0
NJ2	31.0	253	+P	14 01 19.0	0.2		
			PMZ	m_B = 5.7		6.0	0.84
			S	14 06 20.0	−0.4		
			sS	14 06 32.0	−2.4		
			LN	M_S = 5.7		13.0	2.92
			LE			13.0	6.63
			LZ	M_S = 5.9		18.0	21.2
TIY	32.0	267	+P	14 01 27.5	0.2		
			pP	14 01 37.0	2.0		
			S	14 06 34.0	−1.3		
			sS	14 06 44.0	−5.3		
			LE	M_S = 5.8		16.5	9.52
			LZ	M_S = 5.8		18.0	19.0
BTO	32.2	274	P	14 01 28.0	−1.1		
			sP	14 01 37.5	−2.8		
			PP	14 02 35.5	0.0		
			S	14 06 38.0	−0.5		
			LN	M_S = 6.0		12.0	3.10
			LE			12.0	10.5
			LZ	M_S = 5.8		12.0	11.6
WHN	34.9	255	iP	14 01 52.2	−0.5		
			PMZ	m_B = 5.8		6.0	0.90
			pP	14 01 59.0	−1.7		
			S	14 07 17.0	−4.2		
			LN	M_S = 5.7		12.0	2.70
			LE			12.0	4.10
			LZ	M_S = 5.6		14.0	7.70
QZH	36.1	244	+iP	14 02 03.0	−0.1		
			sP	14 02 14.0	−0.5		
			S	14 07 40.0	0.0		
			LE	M_S = 5.5		16.0	4.24
			LZ	M_S = 5.3		16.0	4.16
XAN	36.4	265	iP	14 02 04.9	−0.3		
			PMZ	m_B = 5.8		5.0	0.78
			PP	14 03 33.8	5.6		
			S	14 07 47.7	4.1		
			LN	M_S = 6.1		14.0	13.4
LZH	38.6	271	P	14 02 25.0	0.7		
			PMZ	m_B = 5.9		5.0	0.97
			PP	14 03 58.0	1.8		
			eS	14 08 19.0	−0.5		
			sS	14 08 34.0	1.6		
			SMN	m_B = 5.4		9.0	0.60
			LN	M_S = 5.8		14.0	4.80
			LE			16.0	5.90

International Seismological Centre

International Seismological Centre

		LZ		$M_S = 5.7$		17.0	9.30
GTA	39.6	279	+iP	14 02 32.1	−0.1		
			PMZ		$m_B = 5.7$	5.5	0.77
			sP	14 02 43.0	−0.6		
			PP	14 04 07.0	−0.1		
			PcP	14 04 39.6	0.6		
			S	14 08 33.5	0.9		
			sS	14 08 48.0	1.2		
			ScS	14 12 37.0	1.4		
			LE		$M_S = 6.1$	8.5	8.00
			LZ		$M_S = 5.8$	16.0	10.1
GZH	40.7	248	P	14 02 42.0	0.5		
			eS	14 08 51.0	0.4		
			LN		$M_S = 5.9$	20.0	9.80
			LE			18.0	5.50
			LZ		$M_S = 5.1$	20.0	2.80
CD2	41.7	265	iP	14 02 50.3	0.5		
			eS	14 09 04.0	−1.5		
			LN		$M_S = 6.1$	16.0	9.38
			LE			16.0	7.03
			LZ		$M_S = 5.8$	16.0	10.5
GYA	42.7	258	P	14 02 58.0	0.4		
			PP	14 04 39.0	0.0		
			S	14 09 17.0	−1.2		
			LN		$M_S = 5.8$	15.0	3.87
			LE			15.0	3.98
			LZ		$M_S = 5.2$	16.0	2.70
WMQ	45.3	291	iP	14 03 18.5	−0.4		
			pP	14 03 26.0	−0.8		
			PcP	14 04 58.0	0.1		
			S	14 09 57.0	0.5		
			sS	14 10 11.0	0.1		
			LN		$M_S = 6.3$	14.0	14.3
			LE			12.0	4.70
			LZ		$M_S = 6.2$	16.0	21.9
QZN	45.9	247	eP	14 03 25.0	1.4		
			PMZ		$m_B = 6.1$	5.0	1.50
			PcP	14 05 00.5	0.4		
			eS	14 10 05.5	−0.8		
			SS	14 13 21.5	−0.9		
			LN		$M_S = 5.6$	18.0	2.70
			LE			18.0	3.40
KMI	46.2	260	P	14 03 26.0	0.1		
			PMZ		$m_B = 6.1$	5.0	1.30
			sP	14 03 36.0	−1.0		
			eS	14 10 06.0	−4.3		
			LN		$M_S = 6.0$	17.0	7.80
			LE			17.0	4.10
LSA	51.0	273	+iP	14 04 04.9	1.4		
			eS	14 11 20.0	1.6		
			LN		$M_S = 5.7$	13.0	1.40
			LE			12.5	2.30
KSH	55.1	292	P	14 04 33.0	−0.3		
			sP	14 04 42.0	−2.6		
			S	14 12 12.0	0.5		
			LE		$M_S = 6.4$	12.0	11.5

JAN 26d 14h 48m 08.0 ± 0.11s, SD2.47 / 11
27.29 N ± 0.78km, 102.79 E ± 0.86km, h3 ± 0.41km
Sichuan Province (307)
M_L3.2 / 5,

GYA	3.6	103	Pn	14 49 07.0	2.5		
			Sn	14 49 50.4	1.5		
			SMN		$M_L = 2.8$	0.8	0.030
			SME			0.8	0.020
CD2	3.7	13	ePn	14 49 06.6	0.2		
			Sg	14 49 59.8	−4.2		
			SMN		$M_L = 3.2$	1.0	0.050
			SME			1.0	0.080
XAN	8.5	37	eP	14 50 12.2	−3.6		

JAN 26d 21h 17m 26.6 ± 0.07s, SD0.96 / 27
2.26 N ± 1.09km, 126.50 E ± 1.77km, h104 ± 0.06km
Molucca Passage (266)

XAN	35.6	334	iP	21 24 15.3	−1.3		
TIY	37.6	342	eP	21 24 32.4	−0.6		
BJI	38.8	347	eP	21 24 42.5	−0.2		
LZH	39.7	331	eP	21 24 52.5	2.1		
WMQ	53.8	326	P	21 26 41.4	0.2		

JAN 27d 06h 34m 24.5 ± 0.05s, SD1.07 / 45
44.40 N ± 1.86km, 148.04 E ± 1.30km, h76 ± 0.84km
Kurile Islands (221)

BJI	23.9	271	eP	06 39 33.0	0.5		
TIA	24.8	261	eP	06 39 41.1	−0.5		
TIY	27.5	268	eP	06 40 06.4	0.0		
BTO	28.1	276	eP	06 40 12.0	0.0		
WHN	29.9	254	P	06 40 27.2	−0.2		
LZH	34.4	272	eP	06 41 07.5	0.5		
GTA	35.8	279	−iP	06 41 19.7	0.5		
CD2	37.1	264	P	06 41 29.9	0.0		
GYA	37.7	256	P	06 41 34.4	−0.5		
WMQ	42.5	291	P	06 42 15.0	0.9		

JAN 27d 08h 34m 49.9 ± 0.18s, SD1.62 / 81
56.23 N ± 2.97km, 164.25 E ± 1.83km, h29 ± 0.53km
Off east coast of Kamchatka (219)
M_S6.6 / 51, m_B5.8 / 17,

MDJ	24.7	257	eP	08 40 07.5	−2.4		
			pP	08 40 14.5	−3.7		
			S	08 44 24.0	−2.5		
			LN		$M_S = 6.4$	12.0	47.2
			LZ		$M_S = 6.1$	20.0	56.6
CN2	27.5	260	+P	08 40 36.0	0.1		
			PMZ		$m_B = 5.7$	5.0	0.80
			sP	08 40 46.0	−2.1		
			eS	08 45 08.0	−5.3		
			LN		$M_S = 6.4$	14.0	41.2
			LZ		$M_S = 6.1$	16.0	40.0
SNY	29.8	259	+iP	08 40 58.0	1.1		
			PMZ			17.0	2.07
			pP	08 41 05.0	−0.4		
			S	08 45 53.0	3.1		
			LN		$M_S = 6.6$	12.0	35.6
			LE			12.0	32.9
			LZ		$M_S = 5.9$	14.0	19.5
DL2	32.9	256	eP	08 41 22.0	−2.3		
			LN		$M_S = 6.4$	14.0	33.8
			LE			12.0	6.35
			LZ		$M_S = 6.0$	18.0	23.8
BJI	35.1	263	eP	08 41 44.0	0.8		
			PMZ		$m_B = 5.4$	6.0	0.41
			PP	08 43 01.0	−0.8		
			eS	08 47 16.0	2.5		
			LN		$M_S = 6.7$	14.0	54.7
			LZ		$M_S = 6.3$	16.0	44.5
HHC	37.1	268	P	08 42 01.0	0.6		
			sP	08 42 13.0	0.4		
			PP	08 43 22.0	−5.0		
			S	08 47 39.0	−4.7		
			LN		$M_S = 6.8$	15.0	50.6
			LE			15.0	50.7
			LZ		$M_S = 6.2$	20.0	38.5
TIA	37.3	258	eP	08 41 59.4	−2.5		
			eS	08 47 45.0	−2.7		
			LN		$M_S = 6.4$	12.0	10.3

International Seismological Centre

			LE				12.0	22.9
			LZ		$M_S=6.1$		15.0	24.3
BTO	38.2	269	P	08 42 08.0		−1.1		
			sP	08 42 18.0		−3.3		
			sS	08 48 12.0		−2.7		
			SS	08 50 36.0		−2.3		
			LN		$M_S=6.7$		13.0	29.6
			LE				13.0	36.7
			LZ		$M_S=6.5$		13.0	45.1
TIY	38.8	264	eP	08 42 15.0		0.5		
			PMZ				16.0	1.79
			sP	08 42 26.0		−0.8		
			S	08 48 07.0		−2.4		
			sS	08 48 18.5		−6.2		
			LN		$M_S=6.8$		15.0	63.0
			LZ		$M_S=6.2$		18.0	35.3
SSE	39.1	248	+P	08 42 16.0		−0.5		
			PMZ		$m_B=6.0$		6.0	1.39
			PP	08 43 48.0		−2.2		
			S	08 48 16.0		2.8		
			ScS	08 52 21.0		0.1		
			LN		$M_S=6.3$		10.0	10.0
			LE				10.0	10.0
			LZ		$M_S=5.9$		20.0	16.3
WHN	43.1	255	P	08 42 48.0		−2.0		
			sP	08 43 00.5		−1.9		
			S	08 49 20.0		6.7		
			LN		$M_S=6.8$		15.0	26.2
			LE				15.0	51.5
			LZ		$M_S=6.5$		18.0	55.2
XAN	43.5	263	P	08 42 56.1		3.5		
			LN		$M_S=6.8$		15.0	53.1
GTA	44.7	276	P	08 43 01.2		−1.3		
			S	08 49 35.5		−0.1		
			LE		$M_S=6.5$		12.0	23.5
			LZ		$M_S=6.2$		20.0	31.8
LZH	44.8	270	eP	08 43 04.5		1.0		
			PMZ		$m_B=5.9$		6.0	1.23
			eS	08 49 40.0		1.4		
			SME		$m_B=5.6$		9.0	0.95
			LN		$M_S=6.7$		15.0	37.9
			LE				15.0	28.4
			LZ		$M_S=6.4$		15.0	31.1
QZH	45.4	246	P	08 43 10.0		1.8		
			S	08 49 47.0		0.9		
			LE		$M_S=6.3$		14.0	17.1
			LZ		$M_S=6.0$		14.0	11.6
WMQ	48.2	289	P	08 43 29.2		−1.3		
			PMZ		$m_B=6.2$		6.0	2.26
			pP	08 43 38.0		−1.1		
			S	08 50 28.0		1.8		
			LN		$M_S=7.1$		19.0	127
CD2	48.7	265	eP	08 43 36.3		2.3		
			eS	08 50 32.0		−1.7		
			LN		$M_S=6.8$		21.0	51.7
			LE				19.0	38.8
			LZ		$M_S=6.2$		18.0	23.6
GYA	50.5	259	P	08 43 50.0		1.8		
			pP	08 43 57.8		1.1		
			PcP	08 45 06.0		0.7		
			S	08 51 00.0		1.9		
			LN		$M_S=6.6$		16.0	25.2
			LE				16.0	15.2
			LZ		$M_S=6.1$		22.0	23.3
KMI	53.7	261	P	08 44 12.0		−0.4		
			PMZ		$m_B=6.1$		7.0	1.60
			sP	08 44 22.5		−2.1		
			PP	08 46 09.0		−4.8		
			S	08 51 42.0		−0.1		
			SME		$m_B=5.7$		10.0	1.00
			LE		$M_S=6.7$		17.0	37.0
			LZ		$M_S=6.4$		17.0	28.0
QZN	54.8	250	P	08 44 24.0		3.9		
			eS	08 51 58.0		0.2		
			sS	08 52 11.5		−0.8		
			LN		$M_S=6.5$		14.0	8.60
			LE				14.0	17.3
LSA	56.6	275	P	08 44 33.7		0.0		
			S	08 52 21.2		0.3		
			LN		$M_S=6.5$		14.0	12.0
			LE				14.0	12.0
KSH	57.4	293	+iP	08 44 41.0		1.9		
			sP	08 44 53.0		1.6		
			S	08 52 34.0		2.5		
			SME		$m_B=6.2$		9.0	2.90
			LN		$M_S=6.8$		11.0	26.5

JAN 27d 08h 55m 31.4 ± 0.23s, SD2.52 / 13
32.61 N ± 1.19km, 120.61 E ± 2.66km, h10 ± km
Eastern China (664)
M_L3.9 / 17,

SSE	1.6	162	Pn	08 55 58.5		−1.4		
			Sn	08 56 22.1		−0.2		
			SMN		$M_L=3.5$		0.5	0.47
			SME				0.5	0.67
NJ2	1.6	250	−Pn	08 56 01.6		1.6		
			+Pg	08 56 04.2		4.8		
			SMN		$M_L=4.1$		0.2	1.53
			SME				0.2	3.02
TIA	4.6	322	ePn	08 56 42.1		0.6		
			Sg	08 57 52.2		−3.5		
			SMN		$M_L=3.7$		0.6	0.11
			SME				0.6	0.13
			SMZ		$M_L=4.0$		0.8	0.15
WHN	5.7	251	Pn	08 56 56.5		−0.3		
			Sn	08 58 06.8		1.9		
			SMN		$M_L=4.1$		0.7	0.18
			SME				0.7	0.11

JAN 27d 11h 03m 33.0 ± 0.13s, SD2.81 / 16
30.66 N ± 1.40km, 78.67 E ± 1.46km, h33 ± 0.09km
Northern India (308)
M_L3.9 / 1,

KSH	9.1	346	eP	11 05 45.7		0.2		
			S	11 07 24.3		−3.3		
LSA	10.8	92	P	11 06 09.2		−0.5		
WMQ	15.0	26	eP	11 06 59.2		−4.8		
GTA	19.4	57	eP	11 07 57.9		−1.0		
XAN	25.7	74	iP	11 09 03.0		0.4		

JAN 27d 14h 29m 24.3 ± 0.08s, SD1.14 / 51
12.15 N ± 1.24km, 143.98 E ± 1.97km, h21 ± 0.09km
South of the Marianas (210)
M_S4.7 / 1,

WHN	33.0	308	eP	14 36 02.6		2.5		
BJI	37.0	324	eP	14 36 34.5		−0.6		
			LZ		$M_S=4.4$		20.0	0.61
GYA	37.8	298	P	14 36 43.0		1.2		
TIY	38.0	318	+P	14 36 42.9		0.0		
			SS	14 45 15.0		5.4		
			LN		$M_S=4.7$		12.0	0.42
			LZ		$M_S=4.5$		18.0	0.73
XAN	38.6	310	P	14 36 47.9		−0.5		
HHC	40.3	321	eP	14 37 02.2		−0.3		
BTO	41.1	320	eP	14 37 09.6		0.4		
CD2	41.5	303	iP	14 37 12.2		−0.2		

International Seismological Centre

LZH	43.3	310	eP	14 37 27.0	0.3			
GTA	47.5	313	P	14 38 00.0	−0.4			
LSA	51.9	298	P	14 38 34.9	0.4			
WMQ	57.5	314	P	14 39 14.8	−0.3			

JAN 27d 14h 44m 03.2 ± 0.07s, SD1.07 / 25
12.32 N ± 2.47km, 143.99 E ± 1.50km, h20 ± 0.27km
South of the Marianas (210)

BJI	36.9	323	eP	14 51 13.0	−0.1			
TIY	37.9	317	−P	14 51 21.4	0.4			
CD2	41.4	303	eP	14 51 50.8	0.0			
GTA	47.4	313	eP	14 52 38.5	−0.2			
LSA	51.8	298	P	14 53 13.8	0.7			
WMQ	57.4	314	P	14 53 53.5	0.1			

JAN 27d 19h 54m 33.6 ± 1.19s, SD4.22 / 5
37.03 N ± 9.47km, 76.82 E ± 4.35km, h10 ± km
Kashmir–Xinjiang border region (324)
M_L3.6 / 4,

KSH	2.6	344	ePn	19 55 17.0	1.0			
			Pg	19 55 22.5	3.4			
			SMN	M_L = 3.8		0.5	0.50	
			SME			0.7	0.60	
WMQ	10.7	47	eP	19 57 10.1	−0.4			

JAN 27d 23h 13m 13.1 ± 0.08s, SD1.52 / 22
30.70 N ± 1.44km, 70.38 E ± 1.21km, h28 ± 0.44km
Pakistan (710)

KSH	9.9	26	eP	23 15 37.5	0.6			
			S	23 17 23.5	−4.3			
			SMN			0.5	0.20	
			SME			0.5	0.20	
LSA	18.0	88	P	23 17 23.3	−0.2			
WMQ	19.0	42	eP	23 17 36.0	0.8			
GTA	25.5	62	eP	23 18 43.5	2.0			

JAN 27d 23h 15m 20.4 ± 0.11s, SD2.57 / 9
40.63 N ± 1.11km, 122.72 E ± 0.77km, h12 ± 0.16km
North–Eastern China (658)
M_L3.0 / 8,

SNY	1.4	28	iPg	23 15 44.8	0.3			
			Sg	23 16 01.2	−1.9			
			SMN	M_L = 2.9		0.4	0.22	
			SME			0.4	0.17	
DL2	1.9	206	ePg	23 15 55.0	0.6			
			Sg	23 16 21.0	0.3			
			SMN	M_L = 3.4		0.5	0.32	
			SME			0.5	0.32	
CN2	3.8	32	ePg	23 16 27.0	0.1			
			eSg	23 17 16.0	−2.2			

JAN 28d 06h 57m 52.2 ± 0.71s, SD2.15 / 7
22.62 N ± 5.03km, 122.05 E ± 4.10km, h22 ± 0.71km
Taiwan region (243)
M_L3.7 / 8,

QZH	3.9	307	ePn	06 58 53.2	1.5			
			SMN	M_L = 3.4		0.4	0.090	
			SME			0.4	0.070	

JAN 28d 07h 26m 54.7 ± 0.10s, SD1.60 / 89
33.31 N ± 1.81km, 141.55 E ± 2.10km, h53 ± 0.96km
South of Honshu (211)
M_S5.8 / 48, m_B5.9 / 17, m_b5.5 / 3,

MDJ	14.6	324	eP	07 30 15.5	−4.6			
			S	07 32 56.0	−3.8			
			LZ	M_S = 5.3		18.0	18.9	
CN2	16.3	314	+P	07 30 42.0	−0.4			
			PMZ			13.0	3.00	
			sP	07 31 00.0	1.3			
			eS	07 33 42.0	1.1			
			LZ	M_S = 5.5		15.0	17.6	
SNY	16.6	306	+iP	07 30 45.0	−0.1			
			PMZ			14.0	3.83	
			pP	07 30 55.0	0.1			
			eS	07 33 46.0	0.1			
			LN	M_S = 5.5		11.0	9.41	
			LE			11.0	5.40	
			LZ	M_S = 5.4		12.0	10.9	
DL2	17.0	295	P	07 30 52.0	1.1			
			S	07 34 00.0	4.1			
			LN	M_S = 5.9		14.0	26.5	
			LE			15.0	14.9	
			LZ	M_S = 5.5		14.0	17.9	
SSE	17.4	268	+P	07 30 54.0	−1.2			
			PMZ	m_B = 5.6		8.0	2.31	
			sP	07 31 12.0	0.3			
			eS	07 34 04.0	−0.3			
			sS	07 34 20.0	−0.7			
			LN	M_S = 5.7		14.0	13.5	
			LE			12.0	11.2	
			LZ	M_S = 5.4		20.0	17.8	
NJ2	19.1	272	−P	07 31 19.0	2.5			
			sP	07 31 35.5	2.1			
			S	07 34 43.0	−0.3			
			LN	M_S = 5.6		13.0	6.02	
			LE			14.0	9.89	
TIA	20.3	285	eP	07 31 27.2	−1.4			
			sP	07 31 47.8	1.4			
			eS	07 35 06.0	−1.9			
			LN	M_S = 6.1		13.0	12.1	
			LE			13.0	34.6	
			LZ	M_S = 5.9		15.0	38.0	
BJI	21.4	296	eP	07 31 38.0	−2.1			
			ePP	07 32 02.0	−2.5			
			eS	07 35 34.0	5.0			
			LN	M_S = 5.6		14.0	5.96	
			LE			13.0	9.42	
QZH	21.7	253	eP	07 31 43.0	−0.1			
			PP	07 32 08.0	−0.1			
			eS	07 35 34.0	−0.5			
			LN	M_S = 5.5		14.0	8.87	
			LZ	M_S = 5.4		14.0	10.1	
WHN	23.2	271	P	07 31 58.0	−0.2			
			sP	07 32 22.0	5.7			
			S	07 36 00.0	−1.5			
			LN	M_S = 6.0		13.0	12.2	
			LE			13.0	16.4	
			LZ	M_S = 5.8		16.0	24.5	
TIY	24.1	289	eP	07 32 06.0	−0.4			
			sP	07 32 25.0	0.7			
			S	07 36 21.0	5.1			
			SME	m_B = 6.0		11.0	4.10	
			LE	M_S = 5.9		13.0	16.2	
			LZ	M_S = 6.0		14.0	36.7	
HHC	25.0	296	eP	07 32 16.0	0.5			
			PP	07 32 55.0	2.0			
			S	07 36 36.0	4.2			
			sS	07 36 50.0	−3.8			
			SMN	m_B = 5.8		11.0	2.80	
			LN	M_S = 5.6		13.0	5.40	
			LE			13.0	5.60	
			LZ	M_S = 5.5		18.0	11.9	
BTO	26.1	295	P	07 32 26.0	−0.1			
			sP	07 32 43.0	−1.2			
			S	07 36 52.0	1.5			
			sS	07 37 09.0	−4.0			

			LN		$M_S=6.0$		13.0	10.9
			LE				14.0	16.0
			LZ		$M_S=5.6$		14.0	10.7
GZH	26.8	255	eP	07 32	37.0	5.0		
			LN		$M_S=5.8$		14.0	10.2
			LE				12.0	4.90
			LZ		$M_S=5.4$		16.0	8.00
XAN	27.1	281	iP	07 32	34.4	−0.6		
			PMZ		$m_B=5.5$		9.0	1.10
			LN		$M_S=5.9$		14.0	13.3
GYA	30.9	267	P	07 33	10.8	1.7		
			sP	07 33	28.8	1.4		
			S	07 38	12.0	5.1		
			LN		$M_S=5.8$		13.0	3.36
			LE				13.0	7.10
			LZ		$M_S=5.4$		15.0	6.76
LZH	31.0	286	eP	07 33	08.5	−1.5		
			PMZ		$m_b=5.5$		2.5	0.24
			sP	07 33	30.0	1.8		
			eS	07 38	05.0	−4.6		
			SME		$m_B=5.9$		10.0	2.98
			LN		$M_S=6.0$		14.0	7.70
			LE				14.0	13.4
			LZ		$M_S=5.9$		16.0	18.5
QZN	31.7	251	eP	07 33	15.0	−0.7		
			sP	07 33	35.5	1.5		
			PP	07 34	26.0	5.4		
			S	07 38	23.0	4.1		
			LN		$M_S=5.7$		15.0	5.00
			LE				15.0	4.80
CD2	32.0	276	eP	07 33	16.6	−1.9		
			eS	07 38	22.5	−2.4		
			LN		$M_S=6.3$		12.0	13.5
			LE				14.0	19.9
			LZ		$M_S=6.0$		16.0	24.1
GTA	33.9	292	+P	07 33	35.6	0.1		
			PMZ		$m_B=5.9$		6.0	1.07
			pP	07 33	50.0	1.9		
			sP	07 33	57.0	3.2		
			S	07 38	54.5	0.4		
			sS	07 39	16.0	−1.1		
			LE		$M_S=5.9$		13.0	8.47
			LZ		$M_S=5.7$		14.0	10.8
KMI	34.7	267	P	07 33	44.0	2.0		
			PMZ		$m_B=6.0$		6.0	1.30
			pP	07 33	53.0	−1.6		
			eS	07 39	05.0	−2.2		
			LN		$M_S=5.9$		14.0	7.70
			LE				14.0	6.40
WMQ	42.7	300	P	07 34	50.2	1.4		
			S	07 41	08.0	1.1		
			SME		$m_B=6.1$		8.0	2.51
			LN		$M_S=5.8$		11.0	3.99
			LE				11.0	2.50
			LZ		$M_S=5.5$		16.0	5.33
LSA	42.8	279	P	07 34	50.7	0.9		
			PcP	07 36	35.8	−3.8		
			LN		$M_S=5.5$		13.0	2.80
			LZ		$M_S=5.3$		15.0	2.80
KSH	52.1	297	eP	07 36	03.0	0.4		
			sP	07 36	21.0	−0.3		
			eS	07 43	22.0	0.5		
			LE		$M_S=6.0$		14.0	6.60

JAN 28d 10h 16m 38.4 ± 0.14s, SD1.56 / 25
3.46 S ± 1.23km, 149.16 E ± 1.61km, h38 ± 0.79km
Bismarck Sea (203)

XAN	53.2	318	P	10 25 58.1	2.5	
CD2	55.1	312	eP	10 26 09.1	−0.8	
BTO	56.6	325	eP	10 26 21.4	0.9	
LZH	57.8	317	eP	10 26 28.5	−0.4	
GTA	62.2	318	eP	10 26 59.0	−0.5	
LSA	64.5	305	eP	10 27 15.5	0.8	
WMQ	72.3	318	eP	10 28 03.4	0.6	
KSH	79.4	311	eP	10 28 41.0	−2.1	

JAN 28d 15h 34m 43.0 ± 0.07s, SD1.10 / 27
6.26 S ± 1.66km, 104.76 E ± 1.36km, h83 ± 0.50km
Sunda Strait (276)

GYA	32.6	3	P	15 41 10.4	1.4
XAN	40.3	5	P	15 42 13.9	0.0
GTA	45.7	355	eP	15 42 57.4	−0.4
BJI	47.3	12	eP	15 43 10.5	0.4
WMQ	52.2	344	P	15 43 47.8	−0.1
CN2	53.2	19	eP	15 43 55.0	−0.6

JAN 28d 19h 54m 39.0 ± 0.07s, SD0.87 / 32
10.77 S ± 1.23km, 166.09 E ± 1.16km, h118 ± 0.74km
Santa Cruz Islands (184)

MDJ	64.3	332	eP	20 05 05.0	0.6
CN2	65.7	329	+P	20 05 12.5	−1.1
BJI	68.5	321	eP	20 05 31.0	−0.1
TIY	69.6	317	eP	20 05 37.8	−0.2
XAN	70.2	312	P	20 05 41.1	−0.6
HHC	71.8	319	P	20 05 52.0	0.3
CD2	72.7	307	eP	20 05 56.6	0.0
BTO	72.7	319	eP	20 05 58.3	1.6
LZH	74.8	312	eP	20 06 09.0	−0.1
GTA	79.1	314	+P	20 06 33.2	0.2
WMQ	89.1	315	P	20 07 23.2	0.0

JAN 28d 22h 27m 53.5 ± 0.17s, SD2.64 / 11
35.98 N ± 0.19km, 81.06 E ± 1.04km, h8 ± 1.91km
Kashmir–Tibet border region (304)
M_L4.1 / 6,

KSH	5.4	312	Pn	22 29 16.0	1.3		
			Pg	22 29 29.0	0.3		
			Sn	22 30 16.6	−2.4		
			Sg	22 30 37.5	−4.9		
			SMN	$M_L=4.4$		0.5	0.30
			SME			0.8	0.40
WMQ	9.3	31	eP	22 30 12.5	0.8		
			S	22 31 57.0	−0.7		
			SMN			1.0	0.020
			SME			1.0	0.040

JAN 29d 07h 05m 05.4 ± 0.09s, SD1.84 / 39
29.66 N ± 2.17km, 131.44 E ± 1.86km, h40 ± 1.15km
Ryukyu Islands (238)
M_S4.3 / 6,

SSE	9.0	282	eP	07 07 13.0	−2.5		
			LE	$M_S=4.1$		12.0	1.32
			LZ	$M_S=4.2$		12.0	1.44
TIA	13.7	302	P	07 08 18.6	−0.6		
			LN	$M_S=4.5$		12.0	0.63
			LE			12.0	1.60
			LZ	$M_S=4.3$		14.0	1.40
CN2	14.9	343	+P	07 08 37.4	2.2		
BJI	16.2	314	eP	07 08 54.0	1.7		
			LZ	$M_S=4.6$		14.0	2.10
TIY	17.7	302	−P	07 09 11.0	−0.1		
			LZ	$M_S=4.6$		14.0	2.02
XAN	19.6	289	P	07 09 31.3	−2.2		
BTO	20.6	308	eP	07 09 41.2	−2.7		
GYA	22.1	268	P	07 10 00.6	1.6		
CD2	23.9	280	P	07 10 17.8	0.9		

International Seismological Centre

International Seismological Centre

GTA	27.7	299	eP	07 10 50.8	−1.6			
			LE	M_S=4.8		9.0		0.74
			LZ	M_S=4.6		12.0		0.98
WMQ	37.3	304	P	07 12 16.0	−0.4			

JAN 29d 10h 34m 28.7±0.09s, SD3.29/10
26.97 N±0.76km, 100.80 E±0.81km, h7±0.42km
Yunnan Province (318)
M_L3.3/9,

CD2	4.7	33	ePn	10 35 43.4	2.8			
			eSn	10 36 37.6	0.1			
			SME	M_L=3.7		1.2		0.10
GYA	5.3	94	ePg	10 35 57.0	−5.0			
			Sn	10 36 50.0	−1.5			
			SMN	M_L=3.3		1.2		0.040
			SME			1.2		0.030

JAN 29d 13h 23m 13.4±0.10s, SD2.66/24
29.15 N±0.95km, 114.03 E±0.85km, h24±0.20km
Eastern China (664)
M_L3.9/21,

WHN	1.4	11	Pg	13 23 38.0	−0.8			
			Sg	13 23 57.5	−0.9			
			SMN	M_L=3.8		0.6		1.39
			SME			0.6		1.26
NJ2	5.1	54	ePg	13 24 43.0	0.1			
GZH	6.1	186	Pg	13 25 03.2	2.6			
			Sg	13 26 18.8	−4.7			
			SMN	M_L=4.0		1.0		0.10
			SME			1.0		0.10
SSE	6.5	71	ePn	13 24 50.0	2.0			
			SMN	M_L=3.7		1.0		0.025
			SME			1.0		0.064
XAN	6.5	319	Pg	13 25 13.3	4.2			
			Sn	13 26 03.2	−1.5			
			SMN	M_L=4.2		1.4		0.14
GYA	7.1	249	Pn	13 24 57.2	1.3			
			Sg	13 26 58.0	3.6			
			SMN	M_L=3.9		1.0		0.060
			SME			1.0		0.050
TIA	7.5	19	Pn	13 25 07.9	5.9			
			SMN	M_L=3.8		1.0		0.015
			SME			1.1		0.051
			SMZ	M_L=3.8		0.8		0.021
CD2	9.1	284	eP	13 25 23.8	−2.5			
QZN	10.8	202	eP	13 25 50.4	0.8			
			eS	13 27 52.2	1.7			

JAN 29d 17h 34m 47.9±0.07s, SD1.33/82
44.51 N±2.11km, 148.94 E±1.53km, h58±0.89km
Kurile Islands (221)
M_S4.3/4, m_b5.4/2,

MDJ	13.8	277	eP	17 38 03.5	1.1			
			pP	17 38 10.0	−2.1			
			S	17 40 34.0	0.6			
CN2	16.9	276	eP	17 38 40.4	−1.3			
SNY	18.7	271	eP	17 39 03.4	−0.4			
			eS	17 42 27.0	1.0			
			LE	M_S=4.3		25.0		1.24
			LZ	M_S=4.4		28.0		2.19
DL2	21.1	264	eP	17 39 29.5	−0.4			
			eS	17 43 20.0	4.3			
BJI	24.6	271	eP	17 40 03.5	−0.3			
			eS	17 44 17.0	−0.4			
			LZ	M_S=4.5		22.0		1.56
TIA	25.5	262	−P	17 40 13.2	0.4			
SSE	25.5	248	P	17 40 14.5	1.2			
			pP	17 40 27.5	0.9			
			S	17 44 40.0	6.8			
			LE	M_S=4.3		16.0		0.49
			LZ	M_S=4.0		22.0		0.48
HHC	27.6	276	P	17 40 32.0	0.1			
TIY	28.2	269	P	17 40 37.0	−0.3			
			LZ	M_S=4.4		23.0		1.20
BTO	28.7	276	eP	17 40 44.6	2.0			
WHN	30.5	255	P	17 40 57.8	−0.4			
			sP	17 41 14.0	−4.3			
			eS	17 45 54.0	0.1			
			LZ	M_S=4.6		20.0		1.30
XAN	32.4	265	iP	17 41 13.8	−1.1			
LZH	35.0	272	+P	17 41 37.5	−0.1			
			PMZ	m_b=5.5		1.5		0.13
			LZ	M_S=4.2		26.0		0.58
GTA	36.4	280	+iP	17 41 49.4	−0.1			
			PcP	17 44 13.8	2.0			
CD2	37.8	265	iP	17 42 00.4	−0.1			
GYA	38.4	256	P	17 42 05.2	−0.3			
			pP	17 42 18.0	−1.4			
			S	17 47 56.6	2.4			
KMI	41.9	258	P	17 42 35.0	−0.2			
			S	17 48 50.0	2.3			
WMQ	43.0	292	P	17 42 44.2	0.3			
			eS	17 49 09.5	5.0			
			LZ	M_S=4.9		16.0		1.33
LSA	47.5	272	P	17 43 20.8	1.1			
KSH	52.8	292	eP	17 44 00.1	−0.2			

JAN 29d 23h 46m 27.3±0.11s, SD3.33/12
23.68 N±0.36km, 100.53 E±1.47km, h23±1.95km
Yunnan Province (318)
M_L3.8/5,

KMI	2.5	54	Pg	23 47 15.0	3.6			
			Sg	23 47 48.0	3.0			
			SMN	M_L=3.6		1.5		0.40
			SME			1.5		0.30
GYA	6.2	62	Pn	23 48 00.4	2.2			
			Sn	23 49 11.8	1.3			
			SMN	M_L=3.5		1.2		0.040
			SME			1.2		0.020
CD2	7.8	21	ePn	23 48 23.8	4.4			

JAN 30d 04h 06m 22.3±0.12s, SD1.34/19
38.91 N±1.47km, 111.51 W±1.19km, h27±0.51km
Utah (478)

CN2	82.9	322	eP	04 18 46.6	−0.3
SNY	85.3	322	eP	04 18 59.4	0.5
BJI	90.1	325	P	04 19 22.5	0.3
TIY	93.7	327	eP	04 19 38.0	−0.7

JAN 30d 06h 20m 35.5±0.10s, SD1.35/22
14.50 S±1.37km, 167.27 E±1.12km, h236±1.31km
Vanuatu (New Hebrides) (186)

MDJ	68.1	332	eP	06 31 11.5	−0.8
CN2	69.5	329	+P	06 31 20.0	−0.7
XAN	73.5	313	P	06 31 44.8	−0.4
GTA	82.5	314	eP	06 32 34.8	0.7

JAN 30d 07h 45m 44.5±0.18s, SD1.67/29
7.90 N±1.07km, 72.05 W±1.45km, h38±1.55km
Northern Colombia (99)

BJI	131.7	352	ePKP	08 04 55.0	0.2
GTA	132.3	9	ePKP	08 04 56.6	0.5
LZH	136.1	5	ePKP	08 05 05.0	1.9
XAN	138.3	359	iPKP	08 05 08.1	1.0
GYA	145.8	2	PKP	08 05 21.6	1.2
KMI	146.8	9	PKP	08 05 24.5	2.4

International Seismological Centre

JAN 30d 08h 29m 51.1 ± 0.13s, SD4.32 / 6
39.12 N ± 1.38km, 97.29 E ± 1.27km, h6 ± 0.30km
Qinghai Province (325)
M_L3.5 / 3,

GTA	2.0	81	Pn	08 30 22.2	−3.5			
			Sn	08 30 47.2	−5.4			
			SMN		M_L = 3.1	0.7	0.20	
			SME			0.6	0.087	

JAN 30d 09h 26m 12.0 ± 0.09s, SD1.73 / 31
29.34 N ± 2.05km, 131.69 E ± 1.92km, h22 ± 1.06km
Ryukyu Islands region (239)
M_S4.1 / 3,

SSE	9.3	283	eP	09 28 27.0	−0.5			
			pP	09 28 29.2	−4.4			
			LE		M_S = 4.1	10.0	0.89	
			LZ		M_S = 4.1	26.0	2.49	
BJI	16.6	314	eP	09 30 07.0	1.6			
TIY	18.1	303	eP	09 30 24.9	1.0			
			LZ		M_S = 4.0	14.0	0.48	
XAN	19.9	289	P	09 30 45.4	−0.2			
BTO	21.0	308	eP	09 30 55.0	−1.5			
QZN	22.4	248	eP	09 31 13.6	2.9			
CD2	24.2	281	iP	09 31 28.0	−0.4			
GTA	28.0	299	eP	09 32 06.0	1.6			

JAN 30d 17h 52m 20.9 ± 0.08s, SD0.91 / 29
3.12 N ± 0.63km, 123.16 E ± 0.73km, h488 ± 1.05km
Celebes Sea (262)

SSE	27.9	356	eP	17 57 32.5	0.2			
WHN	28.5	344	eP	17 57 38.9	1.1			
TIA	33.4	351	eP	17 58 18.2	−1.3			
XAN	33.5	338	iP	17 58 20.9	0.4			
TIY	35.8	345	+iP	17 58 39.7	0.0			
BJI	37.3	351	eP	17 58 51.5	−0.4			
GTA	41.9	333	−P	17 59 29.6	0.2			

JAN 31d 00h 46m 18.2 ± 0.22s, SD2.00 / 69
6.15 S ± 2.21km, 149.09 E ± 2.92km, h62 ± 1.44km
New Britain region (192)
M_S5.2 / 7,

QZH	42.8	317	eP	00 54 14.0	1.6			
			eS	01 00 32.0	0.4			
			LZ		M_S = 4.7	25.0	1.38	
SSE	45.6	326	eP	00 54 33.0	−1.9			
			pP	00 54 45.0	−4.7			
			eS	01 01 12.0	0.0			
			LN		M_S = 5.2	16.0	1.41	
			LZ		M_S = 5.0	21.0	2.08	
QZN	46.1	304	eP	00 54 37.3	−0.9			
NJ2	47.7	325	eP	00 54 54.0	3.1			
			S	01 01 43.0	3.1			
			LZ		M_S = 4.9	28.0	1.78	
WHN	49.4	320	eP	00 55 03.0	−1.0			
			pP	00 55 16.0	−2.9			
			eS	01 02 03.0	−1.7			
			LZ		M_S = 4.9	24.0	1.68	
TIA	51.7	327	eP	00 55 20.5	−1.3			
			eS	01 02 34.0	−3.1			
			LE		M_S = 5.2	17.0	1.20	
			LZ		M_S = 5.1	23.0	2.10	
GYA	52.4	310	eP	00 55 26.4	−0.3			
SNY	53.1	336	eP	00 55 33.5	1.1			
			eS	01 03 00.0	3.6			
			LN		M_S = 5.1	27.0	1.17	
			LE			26.0	1.00	
			LZ		M_S = 4.9	28.0	1.70	
MDJ	53.5	343	eP	00 55 36.5	1.4			
			pP	00 55 48.0	−2.2			
			sP	00 55 56.0	−0.7			
			S	01 03 04.0	3.8			
			LZ		M_S = 4.9	30.0	1.57	
CN2	54.1	339	eP	00 55 40.0	0.3			
			eS	01 03 10.0	0.2			
			LZ		M_S = 5.1	20.0	1.90	
BJI	55.1	329	eP	00 55 45.0	−1.6			
			eS	01 03 24.0	1.5			
			eSS	01 07 08.0	2.5			
			LZ		M_S = 5.0	24.0	1.60	
XAN	55.1	319	P	00 55 49.1	1.9			
TIY	55.4	325	P	00 55 52.9	3.8			
			sS	01 03 55.5	2.2			
			LN		M_S = 5.4	17.0	1.55	
			LZ		M_S = 5.2	24.0	2.31	
CD2	56.9	313	eP	00 55 57.2	−2.5			
HHC	58.1	327	eP	00 56 11.0	2.9			
			LZ		M_S = 5.2	24.0	2.10	
BTO	58.7	326	eP	00 56 16.2	3.4			
LZH	59.7	318	eP	00 56 22.0	2.6			
			pP	00 56 33.0	−1.5			
GTA	64.2	319	eP	00 56 47.4	−2.2			
KSH	81.1	311	eP	00 58 25.5	−3.7			

JAN 31d 02h 49m 09.6 ± 0.10s, SD1.28 / 35
14.65 S ± 4.66km, 66.49 E ± 2.60km, h6 ± 0.74km
Mid-Indian Rise (429)

GYA	56.5	44	P	02 58 56.0	0.2			
CD2	57.7	38	P	02 59 04.2	−0.2			
WMQ	61.3	17	P	02 59 29.8	0.7			
XAN	63.0	39	iP	02 59 40.0	−0.6			
WHN	64.3	45	eP	02 59 50.0	1.0			
TIY	67.6	38	eP	03 00 10.2	0.0			
			pP	03 00 19.0	4.1			
BTO	68.2	34	eP	03 00 11.1	−2.7			
HHC	69.2	35	eP	03 00 21.6	1.4			
TIA	69.6	42	eP	03 00 22.7	0.4			
BJI	71.4	38	eP	03 00 33.0	0.0			
SNY	76.9	40	eP	03 01 05.6	0.2			
CN2	79.2	39	−P	03 01 17.2	−0.5			
			pP	03 01 25.6	3.2			

JAN 31d 03h 12m 07.3 ± 0.17s, SD1.42 / 10
24.84 N ± 1.54km, 124.04 E ± 1.12km, h88 ± 4.89km
South-western Ryukyu Islands (246)

QZH	4.9	272	eP	03 13 18.2	−2.6			
			eS	03 14 13.8	−3.3			
			SME			0.4	0.040	
SSE	6.7	339	+P	03 13 44.5	−0.7			

JAN 31d 04h 36m 57.7 ± 0.41s, SD3.21 / 8
37.01 N ± 3.65km, 83.47 E ± 2.18km, h10 ± km
Southern Xinjiang Province (321)
M_L3.7 / 6,

KSH	6.4	295	ePn	04 38 34.0	0.8			
			Pg	04 38 55.0	3.6			
			Sn	04 39 52.5	3.6			
			eSg	04 40 23.5	4.1			
			SMN		M_L = 4.2	0.5	0.13	
			SME			0.5	0.12	
WMQ	7.5	24	ePg	04 39 13.3	2.6			
			SMN		M_L = 4.4	0.7	0.10	
			SME			0.7	0.14	

JAN 31d 07h 08m 28.2 ± 0.10s, SD0.95 / 77
14.70 S ± 2.16km, 66.41 E ± 2.22km, h10 ± 0.21km

International Seismological Centre

Mid-Indian Rise (429)
M_S5.3 / 8, m_B6.0 / 6,

LSA	50.2	28	+iP	07 17 28.7	1.6		
			PMZ			3.0	1.30
			PcP	07 18 44.8	−0.6		
			S	07 24 30.7	−5.7		
KMI	53.1	42	P	07 17 49.5	0.5		
QZN	54.3	53	P	07 17 54.5	−3.2		
			eS	07 25 30.0	−4.4		
KSH	54.7	9	P	07 18 00.0	−0.3		
			sP	07 18 08.0	−0.4		
			eS	07 25 38.0	−1.0		
			LN	M_S = 5.6		14.0	2.20
GYA	56.6	44	P	07 18 14.2	−0.2		
CD2	57.8	38	iP	07 18 22.8	−0.2		
WMQ	61.4	17	iP	07 18 47.5	−0.1		
			PMZ	m_B = 6.2		4.0	1.34
			pP	07 18 51.0	−2.0		
			eS	07 27 10.0	2.8		
			LZ	M_S = 5.3		16.0	1.87
LZH	61.7	34	P	07 18 49.5	0.0		
			PMZ	m_B = 5.9		5.0	0.81
			LZ	M_S = 5.3		9.0	0.90
GTA	62.2	29	P	07 18 52.4	−0.6		
			LZ	M_S = 5.2		23.0	2.00
XAN	63.1	39	iP	07 18 56.0	−3.2		
WHN	64.4	45	P	07 19 08.0	0.5		
			sP	07 19 16.0	0.2		
			eS	07 27 45.0	0.1		
			LZ	M_S = 5.1		20.0	1.27
TIY	67.7	38	iP	07 19 28.5	−0.2		
			sP	07 19 38.0	1.1		
			S	07 28 30.0	6.3		
			LN	M_S = 4.8		16.0	0.27
			LZ	M_S = 5.1		18.0	1.09
BTO	68.3	34	P	07 19 32.0	−0.3		
HHC	69.3	35	eP	07 19 39.0	0.4		
SSE	69.6	48	+P	07 19 40.5	0.5		
			sP	07 19 50.0	1.7		
			LN	M_S = 5.2		14.0	0.67
			LZ	M_S = 5.1		16.0	0.89
TIA	69.7	42	eP	07 19 41.0	0.2		
			LZ	M_S = 5.0		20.0	1.00
BJI	71.4	38	+P	07 19 51.5	0.0		
			PMZ	m_B = 5.8		6.0	0.62
			eS	07 29 10.0	1.0		
DL2	74.2	42	eP	07 20 08.0	0.5		
SNY	77.0	40	+iP	07 20 23.5	−0.4		
			sP	07 20 29.4	−2.7		
			S	07 30 16.0	6.0		
			LN	M_S = 5.3		20.0	0.61
			LE			19.0	0.65
			LZ	M_S = 5.1		19.0	0.84
CN2	79.2	39	+P	07 20 35.4	−0.7		
			eS	07 30 30.0	−5.5		
			LZ	M_S = 5.2		23.0	1.30
MDJ	82.2	40	eP	07 20 51.5	−0.4		

JAN 31d 07h 17m 05.6 ± 0.13s, SD3.16 / 10
25.07 N ± 1.02km, 117.56 E ± 1.18km, h12 ± 0.45km
Near south-eastern coast of China (242)
M_L3.5 / 11,

QZH	0.9	97	Pg	07 17 23.0	0.6		
			Sg	07 17 36.9	1.5		
			SMN	M_L = 3.2		0.1	0.84
			SME			0.1	0.42

JAN 31d 12h 29m 55.2 ± 0.07s, SD1.04 / 20
20.84 S ± 1.77km, 169.85 E ± 1.55km, h115 ± 0.47km
Loyalty Islands region (189)

CN2	76.1	329	P	12 41 31.7	−1.0		
BJI	78.5	321	eP	12 41 45.0	−1.1		
XAN	79.6	312	iP	12 41 52.0	−0.1		
GTA	88.6	313	eP	12 42 37.2	−0.3		

JAN 31d 16h 40m 27.8 ± 0.08s, SD1.05 / 29
8.00 S ± 1.04km, 115.41 E ± 1.62km, h225 ± 0.53km
Bali region (283)

GYA	35.3	346	P	16 47 04.4	0.9		
CD2	40.3	344	iP	16 47 45.1	0.3		
XAN	42.3	352	P	16 48 00.4	−0.6		
TIY	45.6	357	eP	16 48 26.4	−1.0		
BJI	47.8	1	eP	16 48 43.5	−1.2		
GTA	49.3	344	eP	16 48 56.7	0.1		