International Seismological Centre

中国地震台网观测报告

BULLETIN OF SEISMOLOGICAL OBSERVATIONS OF CHINESE STATIONS

1991

国家地震局地球物理研究所编

地震出版社 出版

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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，采用了用中周期宽频带记录（SK 仪）和 1965 年北京台（BJI）的面波震级公式:

$$Ms = \log(A_H / T) + \sigma_{BJI}(\triangle)$$

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

A_H 是两水平分向(LN, LE)的失量合成位移，单位：微米。量规函数 $\sigma_{BJI}(\triangle)$ 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）和美国地震信息中心（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 $\sigma_{BJI}(\triangle)$ 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。

自 1986 年始，我国 763 长周期地震仪台网建成并正式投入使用。763 地震仪的仪器常数 ($T_s = 15s$, $T_g = 100s$, $D_s = D_g = 1.0$, $\sigma^2 < 0.1$) 和频率特性与世界标准台网（WWSSN）的长周期地震仪完全一致。我们采用垂直向瑞利波最大地动位移 A_Z 和相应的周期 T，以及我国地球物理学家研究得到的量规函数 σ_{763} (△) 测定长周期地震仪记录的面波震级 Ms_7，即:

$$Ms_7 = \log\ (A_Z / T)\ + \sigma_{763}\ (\triangle) \qquad (3^\circ < \triangle < 177^\circ)$$

$$\sigma_{763}\ (\triangle)\ = 3.9 + 0.16\ (\triangle / T_P)\ + \log\ (\triangle^{1/3} (\sin\triangle)^{1/2} T_P)$$

σ_{763} (△) 是 763 长周期地震仪的量规函数[5,6]，T_P 是面波最大振幅的平均周期，它随△的增大而增加。σ_{763} (△) 在震中距△= (20° — 160°) 的范围内与 σ_{IASPEI} (△) 几乎完全重合，两者最大差别不超过 0.05 级[6]。由于测定 Ms_7 使用的仪器频率响应、面波分量、及量规函数与美国地震信息中心（NEIC）完全一致，所以除了面波路径影响的差别，Ms_7 与美国 NEIC 测定的 Msz 应该一致，两者没有系统差。σ_{IASPEI} (△) 是一个纯统计公式，而 σ_{763} (△) 是基于面波传播理论导出的公式，理论上更为合理。且 σ_{763} (△) 具有更大的震中距可用范围

(3° — 177°)。这点对于国内发生的地震（△往往小于 20° ，不能用 σ_{IASPEI}（△））用中国台网测定面波震级特别重要。用上述方法和量规函数测定的震级 Ms_7 的平均误差为 0.13 级，比用 SK 仪测定 Ms 的误差 0.2 级要小。

4.体波震级 m_B 和 m_b 采用古登堡—李克特公式测定：

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

A_{PMZ} 是 P 波垂直向位移，单位：微米，m_B 是用宽频带中周期 SK 仪或 763 长周期仪测定，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。

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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's Seismological Tables are used in this Bulletin[1]. In addition to the data listed in this Bulletin, the observational data used to compute earthquake parameters are included many other stations inside and outside China. 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, given by seismic and geographical regionlization proposed by Flinn, Engdahl and Hill[2,3]. It should be noted that the names used to classify seismic and geographical regions are only references to their locations and does not imply any political significance.

3. The surface wave magnitude Ms is computed from records of broad–band intermediate period seismographs (SK) by employing the 1965 formula of Beijing Station (BJI):

$$Ms = \log(A_H / T) + \sigma_{BJI}(\triangle)$$

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

Where A_H is a resultant horizontal displasement in micrometer. The calibration function $\sigma_{BJI}(\triangle)$ in the epicenter range $\triangle = 20^\circ$ — 130° is 0.2 unit larger 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 magnitude Ms. Therefore, the magnitude Ms calculated by $\sigma_{BJI}(\triangle)$ 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° characterized by $\sigma_{BJI}(\triangle)$ is so large that the Ms measured for smaller epicentral distance is too small. In spite of this, in order to keep continuity of data, the values of Ms computed by $\sigma_{BJI}(\triangle)$ are still given.

The long period seismic network consisted of type 763 long period seismographs has been set up and used since 1986. The constants of the seismographs ($Ts = 15s$, $Tg = 100s$, $Ds = Dg = 1.0$, $\sigma^2 < 0.1$) and its response are the same as those of WWSSN for long period seismographs. The vertical component displacement of maxiam Rayleigh wave Az and corresponding period T and the calibration function $\sigma_{763}(\triangle)$ which has been studied by Chinese geophysicist are used to determine surface wave magnitude of long period seismic records Ms_7, that is:

$$Ms_7 = \log(A_Z / T) + \sigma_{763}(\triangle) \qquad (3^\circ < \triangle < 177^\circ)$$

$$\sigma_{763}(\triangle) = 3.9 + 0.16(\triangle / T_P) + \log(\triangle^{1/3}(\sin\triangle)^{1/2}T_P)$$

where $\sigma_{763}(\triangle)$ is the calibration function of surface wave magnitude for the long period seismographs[5,6], T_P is the average period with maximum surface wave amplitude for many earthquakes. It increases with the epicenters. The $\sigma_{763}(\triangle)$ in the range (20° — 160°) almost coincides with $\sigma_{IASPEI}(\triangle)$, the differences between them are less than 0.05 magnitude[6].

Because the response of the seismographs and the surface wave component and the calibration function used to determince Ms_7 are all the same as those of NEIC, so magnitude should be the same as

the Msz determined by NEIC excluding the differences of effect of path of surface wave propagation. There is no systematic differences between them. The $\sigma_{IASPEI}(\triangle)$ is a pure statistical formula, but the $\sigma_{763}(\triangle)$ is derived from the theoretical consideration of suface wave propagation, therefore $\sigma_{763}(\triangle)$ is more reasonable. The $\sigma_{763}(\triangle)$ has much more available epicenter range from 3° to 177° . This point is very important for the earthquakes occurred in China with surface wave magnitude determened by Chinese seismic network, because epicenter is usually less than 20° and $\sigma_{IASPEI}(\triangle)$ can not be available. The average error of determination of Ms_7 according to above procedure and calibration function is 0.13 magnitude. It is lees then the error (0.2) of magnitude determined by SK records.

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

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

where A_{PMZ} is the vertical displacement of P waves in micrometer, m_B is measured by broad-band intermediate period (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 and body wave magnitude m_b recorded on short period seismograph measured by NEIC , are also listed in this Bulletin.

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

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

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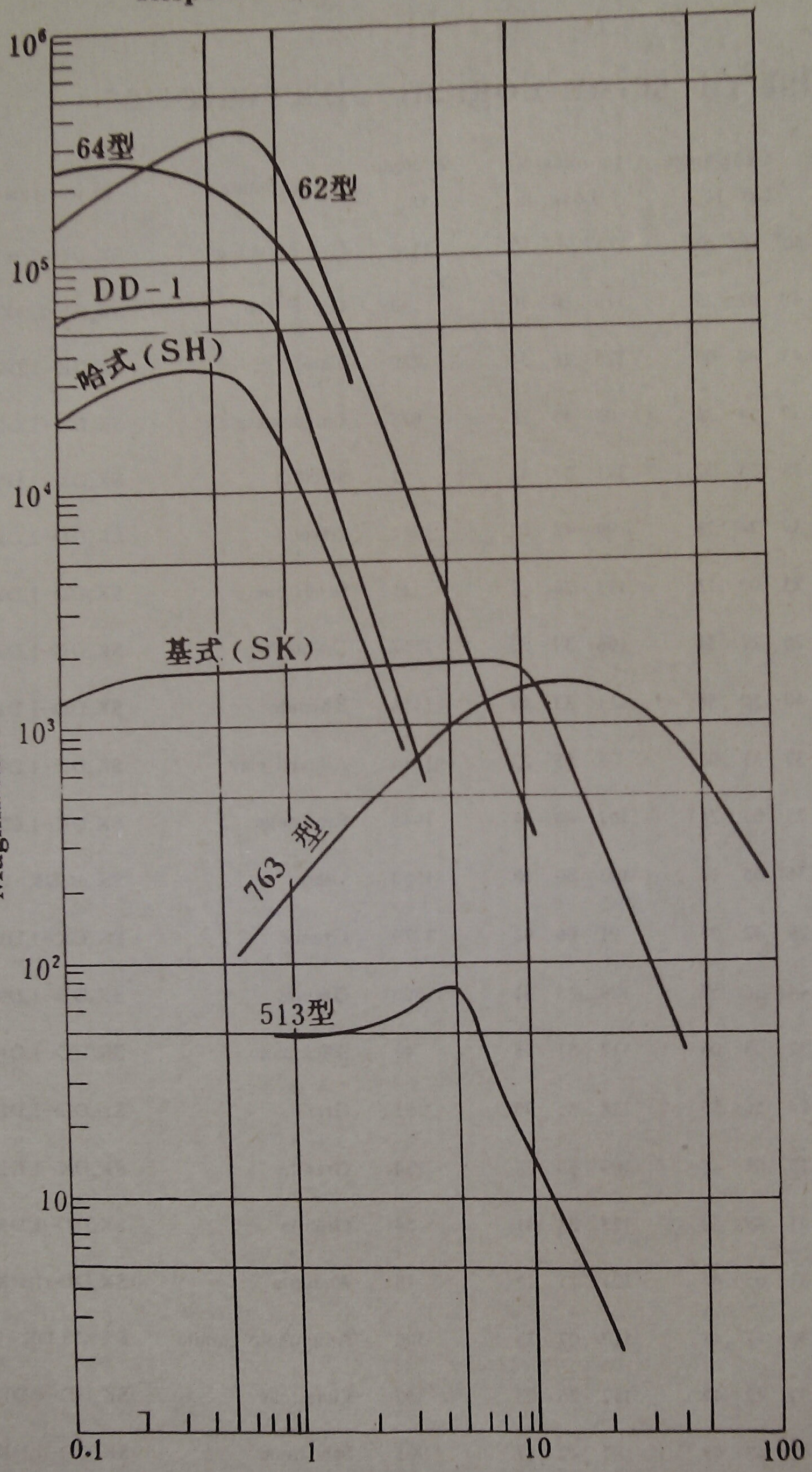
台 站 目 录

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,DD−1,763
Beijing	BJI	40 02 25	116 10 30	43	Gravel soil	SK,JD−2,DK−1,763
Changchun	CN2	43 48 05	125 26 54	230	Slate	SK,DK−1,DD−1,763
Chengdu	CD2	30 54 36	103 45 28	628	Conglomerate	SK,DK−1,DD=2,763
Dalian	DL2	38 54 22	121 37 42	62	Silicilith	SK,DK−1,DD−2,763
Gaotai	GTA	39 24 38	99 48 52	1341	Granite	SK,DD−2,DK−1,763
Guangzhou	GZH	23 05 13	113 20 38	11	Sandstone	SK,DD−1,DK−1,763
Guiyang	GYA	26 27 31	106 39 50	1162	Dolomite	SK,DD−1,DK−1,763
Hohhot	HHC	40 50 58	111 33 49	1154	Rhyolite	SK,DD−1,DK−1,763
Kashi	KSH	39 31 00	75 55 23	1314	Alluvial clay	SK,DD−1,DK−1,573,763
Kunming	KMI	25 07 24	102 44 24	1945	Sandstone	SK,DK−1,62,763
Lanzhou	LZH	36 05 12	103 50 48	1550	Lehm	SK,64,DK−1,763
Lhasa	LSA	29 42 00	91 09 00	3789	Granite	SK,DK−1,DD−1,763
Mudanjiang	MDJ	44 36 59	129 35 31	250	Granite	SK,DD−1,DK−1,763
Nanjing	NJ2	32 03 06	118 51 16	45	Silicarenite	SK,DD−1,DK−1,763
Quanzhou	QZH	24 56 35	118 35 30	21	Granite	SK,DD−2,DK−1,763
Qiongzhong	QZN	19 01 46	109 50 36	230	Granite	SK,DK−1,DD−1,763
Shenyang	SNY	41 49 40	123 34 41	54	Granite	SK,DD−1,DK−1,763
Sheshan	SSE	31 05 44	121 11 12	10	Andesite	SK,DD−1,DK−1,763
Tai'an	TIA	36 12 41	117 07 28	300	Amphibole granite	SK,473,DK−1,763
Taiyuan	TIY	37 42 47	112 26 03	850	Limestone	SK,DD−1,DK−1,763
Urumqi	WMQ	43 48 49	87 42 17	901	Sandstone	SK,DD−1,DK−1,763
Wuhan	WHN	30 32 37	114 21 01	26	Silicarenite	SK,DD−1,DK−1,763
Xi'an	XAN	34 02 22	108 55 17	630	Granite	SK,DD−1,DK−1,763

仪器放大倍率曲线

Response Curves of Instruments



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仪 器 常 数

Constants of seismograph

表 1. SK 地震仪 （SK seismograph）

台站代号 Station code	分向 Comp.	T_1	T_2	D_1	D_2	σ^2	$V_0 * 10^3$	测定日期 Date determined
BTO	N–S	12.5	1.2	0.45	4.97	0.10	2.50	1991.09.26
	E–W	12.5	1.2	0.45	4.86	0.08	2.09	
	U–D	12.5	1.2	0.58	5.02	0.29	1.43	
BJI	N–S	12.5	1.2	0.45	4.73	0.09	1.95	1991.06.13
	E–W	12.5	1.2	0.45	4.96	0.08	1.49	
	U–D	12.5	1.2	0.59	5.00	0.21	1.07	
CN2	N–S	12.5	1.20	0.45	5.07	0.08	2.21	1991.11.15
	E–W	12.5	1.19	0.45	4.97	0.08	1.87	
	U–D	12.5	1.20	0.66	5.05	0.04	1.51	
CD2	N–S	12.5	1.2	0.45	5.0	0.04	1.40	1991.12.26
	E–W	12.5	1.2	0.45	5.0	0.04	1.40	
	U–D	12.5	1.2	0.53	5.0	0.16	1.00	
DL2	N–S	12.5	1.2	0.45	5.00	0.10	2.43	1991.10.31
	E–W	12.5	1.2	0.45	5.03	0.10	2.37	
	U–D	12.5	1.2	0.59	4.96	0.25	1.35	
GTA	N–S	12.5	1.20	0.45	4.90	0.08	2.15	1991.11.09
	E–W	12.5	1.21	0.45	4.96	0.07	1.54	
	U–D	12.5	1.21	0.53	4.98	0.28	0.96	
GZH	N–S	12.5	1.2	0.45	4.97	0.07	1.08	1991.09.25
	E–W	12.5	1.2	0.45	5.02	0.06	1.96	
	U–D	12.5	1.2	0.56	4.91	0.24	1.32	
GYA	N–S	12.5	1.2	0.45	5.00	0.09	1.34	1991.07.04
	E–W	12.5	1.2	0.45	5.03	0.07	1.44	
	U–D	12.5	1.2	0.56	4.91	0.30	0.88	
HHC	N–S	12.5	1.2	0.45	4.95	0.10	2.87	1991.08.21
	E–W	12.5	1.2	0.45	4.96	0.11	2.56	
	U–D	12.5	1.2	0.61	4.96	0.31	1.33	
KSH	N–S	12.5	1.2	0.45	5.0	0.04	1.67	1991.11.23
	E–W	12.5	1.2	0.45	5.0	0.04	1.53	
	U–D	12.5	1.2	0.45	5.0	0.28	1.05	
KMI	N–S	12.5	1.19	0.45	4.90	0.08	2.11	1991.12.16
	E–W	12.5	1.19	0.45	5.10	0.09	1.93	
	U–D	12.5	1.19	0.67	4.75	0.33	1.21	
LZH	N–S	12.5	1.2	0.45	5.07	0.08	2.24	1991.10.10
	E–W	12.5	1.2	0.45	5.06	0.09	2.38	
	U–D	12.5	1.2	0.59	5.07	0.35	1.35	

续表

台站代号 Station code	分向 Comp.	T_1	T_2	D_1	D_2	σ^2	$V_0 * 10^3$	测定日期 Date determined
LSA	N–S	12.5	1.2	0.45	4.95	0.07	1.71	1990.09.25
	E–W	12.5	1.2	0.45	4.95	0.09	2.15	
	U–D	12.5	1.2	0.53	4.92	0.26	1.02	
MDJ	N–S	12.5	1.2	0.45	5.1	0.08	2.00	1991.11.26
	E–W	12.5	1.2	0.45	4.9	0.06	1.81	
	U–D	12.5	1.2	0.60	4.9	0.26	1.23	
NJ2	N–S	12.5	1.2	0.45	5.07	0.08	1.96	1992.01.09
	E–W	12.5	1.2	0.45	4.94	0.11	2.27	
	U–D	12.5	1.2	0.45	5.08	0.29	1.67	
QZH	N–S	12.5	1.2	0.45	5.09	0.08	2.26	1991.12.02
	E–W	12.5	1.2	0.45	5.01	0.08	2.11	
	U–D	12.5	1.2	0.61	4.94	0.07	1.11	
QZN	N–S	12.5	1.2	0.45	4.92	0.04	1.55	1991.12.10
	E–W	12.5	1.2	0.45	4.98	0.04	1.44	
	U–D	12.5	1.2	0.59	5.00	0.30	1.21	
SNY	N–S	12.5	1.2	0.45	4.92	0.09	1.95	1991.03.03
	E–W	12.5	1.2	0.45	4.98	0.10	2.44	
	U–D	12.5	1.2	0.61	4.97	0.32	1.36	
SSE	N–S	12.5	1.2	0.45	4.97	0.08	2.26	1991.03.01
	E–W	12.5	1.2	0.45	4.91	0.08	2.22	
	U–D	12.5	1.2	0.54	5.07	0.26	0.96	
TIA	N–S	12.4	1.2	0.45	5.10	0.08	2.24	1991.10.07
	E–W	12.5	1.2	0.45	5.00	0.09	2.28	
	U–D	12.5	1.2	0.53	5.00	0.22	0.67	
TIY	N–S	12.5	1.2	0.45	5.07	0.07	1.82	1991.03.08
	E–W	12.5	1.2	0.45	5.07	0.07	1.68	
	U–D	12.5	1.2	0.58	5.05	0.30	1.28	
WHN	N–S	12.5	1.20	0.45	4.97		2.24	1991.05.08
	E–W	12.5	1.21	0.45	4.96		2.53	
	U–D	12.5	1.21	0.62	4.97		1.59	
WMQ	N–S	12.5	1.2	0.45	5.03	0.09	2.29	1991.09.24
	E–W	12.5	1.2	0.45	4.98	0.09	1.64	
	U–D	12.5	1.2	0.60	4.07	0.35	0.99	
XAN	N–S	12.5	1.2	0.45	4.98	0.09	2.21	1991.06.01
	E–W	12.5	1.2	0.45	4.99	0.09	2.28	
	U–D	12.5	1.2	0.62	4.96	0.31	1.29	

记录纸速: 30mm / min
记录方式: 照像纸

Speed of record: 30mm / min
Recorder type: Photo paper

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表 2. 763 地震仪 (763 seismograph)

台站代号 Station code	分向 Comp.	T_s	T_g	D_s	D_g	σ^2	$V_0 * 10^3$	测定日期 Date determined
BJI	N–S	15.0	101.0	1.0	1.0	0.159	1.50	1991.06.25
	E–W	15.0	98.4	1.0	1.0	0.237	1.50	
	U–D	15.0	101.4	1.0	1.0	0.191	1.50	
CN2	N–S	15.1	99.1	1.0	1.0	0.127	1.50	1991.11.25
	E–W	14.9	97.6	1.0	1.0	0.148	1.50	
	U–D	14.9	103.6	1.0	1.0	0.189	1.50	
CD2	N–S	15.0	98.7	1.0	1.0	0.0233	0.75	1992.06.13
	E--W	15.0	103.0	1.0	1.0	0.0267	0.75	
	U–D	15.0	98.7	1.0	1.0	0.0653	1.00	
DL2	N–S	15.0	95.0	1.0	1.0	0.086	1.5	1992.10.18
	E–W	15.0	102.0	1.0	1.0	0.089	1.5	
	U–D	15.0	95.0	1.0	1.0	0.094	1.5	
GTA	N–S	15.0	102.0	1.0	1.0	0.221	1.5	1991.04.30
	E–W	15.0	97.1	1.0	1.0	0.291	1.5	
	U–D	15.0	101.0	1.0	1.0	0.272	1.5	
GZH	N–S	15.0	100.0	1.0	1.0	0.0414	0.75	1991.04.
	E–W	15.0	100.0	1.0	1.0	0.0346	0.75	
	U–D	15.0	100.0	1.0	1.0	0.0292	0.75	
GYA	N–S	15.0	100.9	1.0	1.0	0.194	1.50	1991.10.
	E–W	15.0	100.6	1.0	1.0	0.194	1.50	
	U–D	15.0	101.4	1.0	1.0	0.173	1.50	
HHC	N–S	15.0	99.0	1.0	1.0	0.038	0.75	1991.08.
	E–W	15.0	100.0	1.0	1.0	0.042	0.75	
	U–D	15.0	99.0	1.0	1.0	0.035	0.75	
KSH	N–S	15.0	98.2	1.0	1.0	0.0359	0.75	1992.01.
	E–W	15.0	100.5	1.0	1.0	0.0282	0.75	
	U–D	15.0	99.2	1.0	1.0	0.0338	0.75	
KMI	N–S	15.0	99.5	1.0	1.0	0.0478	0.75	1991.07.06
	E–W	15.0	102.3	1.0	1.0	0.0390	0.75	
	U–D	15.0	102.5	1.0	1.0	0.0380	0.75	
LZH	N–S	15.0	100.0	1.0	1.0	0.183	1.50	1991.04.14
	E–W	15.0	98.9	1.0	1.0	0.230	1.50	
	U–D	15.0	100.0	1.0	1.0	0.260	1.80	
LSA	N–S	15.0	97.5	1.0	1.0	0.0238	0.75	1992.06
	E–W	15.0	98.5	1.0	1.0	0.0239	0.75	
	U–D	15.0	101.0	1.0	1.0	0.0239	0.75	

续表

台站代号 Station code	分向 Comp.	T_s	T_R	D_s	D_R	σ^2	$V_0 * 10^3$	测定日期 Date determined
MDJ	N–S	15.0	102.7	1.0	1.0	0.089	0.75	1992.06.09
	E–W	15.0	101.7	1.0	1.0	0.114	0.75	
	U–D	15.0	99.5	1.0	1.0	0.103	0.75	
NJ2	N–S	15.0	100.0	1.0	1.0	0.061	0.75	1992.01.
	E–W	15.0	100.0	1.0	1.0	0.066	0.75	
	U–D	15.0	100.0	1.0	1.0	0.063	0.75	
QZH	N–S	15.0	100.0	1.0	1.0	0.0347	0.75	1991.06.06
	E–W	15.0	100.0	1.0	1.0	0.0325	0.75	
	U–D	15.0	100.0	1.0	1.0	0.0441	0.75	
SNY	N–S	15.0	104.0	1.0	1.0	0.185	1.50	1992.02.28
	E–W	15.0	98.6	1.0	1.0	0.150	1.50	
	U–D	15.0	103.0	1.0	1.0	0.155	1.50	
SSE	N–S	15.0	99.4	1.0	1.0	0.0627	1.0	1991.12.25
	E–W	15.0	99.3	1.0	1.0	0.0840	1.0	
	U–D	15.0	95.7	1.0	1.0	0.1020	1.0	
TIA	N–S	15.0	100.0	1.0	1.0	0.191	1.50	1991.10.19
	E–W	15.0	100.0	1.0	1.0	0.354	1.50	
	U–D	15.0	98.0	1.0	1.0	0.222	1.50	
TIY	N–S	15.0	100.0	1.0	1.0	0.022	0.75	1991.09.26
	E–W	15.0	100.0	1.0	1.0	0.025	0.75	
	U–D	15.0	100.0	1.0	1.0	0.020	0.75	
WHN	N–S	15.0	100.0	1.0	1.0	0.0214	0.75	1991.04.
	E–W	15.0	96.0	1.0	1.0	0.0185	0.75	
	U–D	15.0	96.0	1.0	1.0	0.0253	0.75	
WMQ	N–S	15.0	102.4	1.0	1.0	0.16	1.51	1992.03.16
	E–W	15.0	100.7	1.0	1.0	0.20	1.60	
	U–D	15.0	100.6	1.0	1.0	0.18	1.69	
XAN	N–S	15.0	101.1	1.0	1.0	0.17	1.50	1991.11.06
	E–W	15.0	99.4	1.0	1.0	0.20	1.50	
	U–D	15.0	100.6	1.0	1.0	0.15	1.50	

记录纸速: 15mm / min
记录方式: 照像纸

Speed of record: 15mm / min
Recorder type: Photo paper

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表 3. 短周期地震仪 (short period seismograph)

台站代号 Station code	仪器型号 Type of instrument	分向 Comp.	T_1	D_1	$V_0 * 10^4$	测定日期 Date determined	记录纸速 R_V (mm / min)	记录方式 Recorder type
BTO	DD-1	N-S	1.0	0.45	5.67	1991.09.27	120	墨水笔 Pen and ink
		E-W	1.0	0.45	4.98			
		U-D	1.0	0.45	6.03			
BJI	JD-2	N-S	1.0	0.45	9.08	1991.09.17	120	墨水笔 Pen and ink
		E-W	1.0	0.45	10.50			
		U-D	1.0	0.45	11.70			
CN2	473	N-S	1.5	0.45	7.84	1991.11.20	120	熏烟纸 Smoked paper
		E-W	1.5	0.45	7.10			
		U-D	1.5	0.45	5.02			
CD2	DD-1	N-S	1.0	0.45	5.43	1991.12.10	120	墨水笔 Pen and ink
		E-W	1.0	0.45	5.55			
		U-D	1.0	0.45	5.83			
CD2	DD-2	N-S	1.0	0.45	9.98	1991.05.12	120	墨水笔 Pen and ink
		E-W	1.0	0.45	10.41			
		U-D	1.0	0.45	10.08			
DL2	DD-2	N-S	1.0	0.45	3.07	1991.11.06	120	墨水笔 Pen and ink
		E-W	1.0	0.45	1.94			
		U-D	1.0	0.45	3.02			
GTA	DD-2	N-S	1.0	0.45	25.40	1991.09.10	120	墨水笔 Pen and ink
		E-W	1.0	0.45	20.60			
		U-D	1.0	0.45	19.80			
GZH	DD-1	N-S	1.0	0.45	1.48	1991.03.23	120	墨水笔 Pen and ink
		E-W	1.0	0.45	2.53			
		U-D	1.0	0.45	4.42			
GYA	DD-1	N-S	1.0	0.45	6.16	1991.10.28	120	墨水笔 Pen and ink
		E-W	1.0	0.45	5.95			
		U-D	1.0	0.45	6.01			
HHC	DD-1	N-S	1.0	0.45	7.29	1991.08.28	120	墨水笔 Pen and ink
		E-W	1.0	0.45	7.84			
		U-D	1.0	0.45	8.84			
KSH	573	N-S	1.0	0.45	2.92	1991.11.27	120	熏烟纸 Smoked paper
		E-W	1.0	0.45	2.78			
		U-D	1.0	0.45	4.74			
KMI	62	N-S	2.5	0.50	3.16	1991.11.01	60	照像纸 Photo paper
		E-W	2.5	0.50	3.15			
		U-D	2.5	0.50	3.86			
LZH	64	N-S	2.5	0.50	2.07	1991.06.13	60	照像纸 Photo paper
		E-W	2.5	0.50	2.38			
		U-D	2.5	0.50	4.08			

续表

台站代号 Station code	仪器型号 Type of instrument	分向 Comp.	T_1	D_1	$V_0 * 10^4$	测定日期 Date determined	记录纸速 R_V (mm / min)	记录方式 Recorder type
LSA	DD-1	N-S	1.0	0.45	12.91	1990.09.15	120	墨水笔 Pen and ink
		E-W	1.0	0.45	13.28			
		U-D	1.0	0.45	13.67			
MDJ	DD-1	N-S	1.0	0.45	6.25	1991.12.04	120	墨水笔 Pen and ink
		E-W	1.0	0.45	5.51			
		U-D	1.0	0.45	6.34			
NJ2	DD-1	N-S	1.0	0.45	2.72	1990.11.22	120	墨水笔 Pen and ink
		E-W	1.0	0.45	3.21			
		U-D	1.0	0.45	5.20			
QZH	DD-2	N-S	1.0	0.50	2.64	1991.12.30	120	墨水笔 Pen and ink
		E-W	1.0	0.50	2.49			
		U-D	1.0	0.50	2.29			
QZN	DD-1	N-S	0.7	0.40	15.33	1991.12.08	120	墨水笔 Pen and ink
		E-W	0.7	0.40	17.70			
		U-D	0.7	0.40	14.70			
SNY	DD-1	N-S	1.0	0.45	6.19	1991.12.10	120	墨水笔 Pen and ink
		E-W	1.0	0.45	6.24			
		U-D	1.0	0.45	5.63			
SSE	DD-1	N-S	1.0	0.45	4.02	1991.11.21	120	墨水笔 Pen and ink
		E-W	1.0	0.45	3.80			
		U-D	1.0	0.45	4.05			
TIA	473	N-S	1.0	0.45	9.70	1991.04.17	120	熏烟纸 Smoked paper
		E-W	1.0	0.45	20.50			
		U-D	1.0	0.45	16.90			
TIY	DD-1	N-S	1.0	0.45	1.43	1991.03.07	120	墨水笔 Pen and ink
		E-W	1.0	0.45	1.67			
		U-D	1.0	0.45	4.06			
WHN	DD-1	N-S	1.0	0.45	2.14	1991.04.	120	墨水笔 Pen and ink
		E-W	1.0	0.45	2.01			
		U-D	1.0	0.45	3.21			
WMQ	DD-1	N-S	1.0	0.45	10.60	1991.09.14	120	墨水笔 Pen and ink
		E-W	1.0	0.45	8.63			
		U-D	1.0	0.45	12.40			
XAN	DD-1	N-S	1.0	0.45	23.20	1991.04.02	120	墨水笔 Pen and ink
		E-W	1.0	0.45	27.60			
		U-D	1.0	0.45	18.70			

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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

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1991 年 地 震 目 录

Catalogue of earthquakes of 1991

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

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No.	Origin time UTC d	h	min	s	Geographic coordinates Lat	Long	Depth (km)	Magnitudes Ms	Ms_7	M_L China	m_B China	m_b China	Msz NEIC	m_b NEIC	SD	No. Sta. used	Region and comments
																	January 1991
1	1	00	06	31.0	18.11N	105.81W	30	6.5	6.3			5.4	6.2	5.5	1.5	153	墨西哥哈利斯科海岸远海
	1	08	(BTC)														(54)Off coast of Jalisco, Mexico
2	1	03	19	34.9	17.97N	105.85W	35		5.7			5.3	5.6	5.3	1.4	122	墨西哥哈利斯科海岸远海
	1	11															(54)Off coast of Jalisco, Mexico
3	1	10	42	51.7	22.60N	144.69E	24	4.5	4.4		5.6	5.2	4.4	5.2	1.4	148	硫黄列岛地区
	1	18															(213)Volcano Islands region
4	1	12	06	28.8	36.47N	141.36E	55		4.0			5.1	4.0	5.1	1.6	48	本州东海岸近海
	1	20															(228)Near east coast of Honshu
5	1	15	50	13.5	55.14N	158.50W	34	5.3	5.0		5.7	5.2	5.0	5.2	1.0	272	阿拉斯加以南地区
	1	23															(17)South of Alaska
6	1	16	59	36.4	42.17N	84.74E	21			3.3					4.5	6	新疆自治区南部
	2	00															(321)Southern Xinjiang Province
7	1	17	28	02.3	21.14S	174.13W	29	5.8	5.5		6.2	5.6	5.6	5.7	1.3	215	汤加
	2	01															(173)Tonga
8	1	18	51	03.5	39.68N	82.98E	20			3.7					3.1	8	新疆自治区南部
	2	02															(321)Southern Xinjiang Province
9	2	02	58	49.2	38.16N	99.95E	12	5.0	4.6	4.9	5.3	4.9	4.2	5.1	2.0	127	青海省
	2	10															(325)Qinghai Province
10	2	03	50	00.1	11.36S	166.60E	33					5.0		5.0	1.4	17	圣克鲁斯群岛
	2	11															(184)Santa Cruz Islands
11	2	14	11	21.5	27.21N	100.60E	5			3.5					3.0	8	云南省
	2	22															(318)Yunnan Province
12	2	23	18	57.3	23.63N	121.50E	5			3.9		3.6		3.6	2.1	25	台湾岛
	3	07															(244)Taiwan
13	3	00	03	51.6	7.15S	148.62E	39	5.3	4.6			5.3	4.5	5.4	1.2	167	新几内亚东部地区
	3	08															(207)Eastern New Guinea region
14	3	00	40	10.5	7.17S	148.58E	41	5.3	5.2		5.6	5.6	5.2	5.7	1.6	217	新几内亚东部地区
	3	08															(207)Eastern New Guinea region
15	3	00	46	57.4	7.10S	148.66E	56	5.2	5.2		5.7	5.2		5.3	1.4	55	新几内亚东部地区
	3	08															(207)Eastern New Guinea region
16	3	01	41	26.7	29.15S	111.72W	7	6.2	5.9		5.8	5.3	5.8	5.4	1.8	95	复活节岛地区
	3	09															(685)Easter Island region
17	3	05	39	22.6	37.82N	124.78E	27			3.7					2.4	10	南朝鲜
	3	13															(231)South Korea
18	3	06	02	24.4	14.83S	168.00E	40				5.7	4.9		5.1	1.1	89	瓦努阿图(新赫布里底)
	3	14															(186)Vanuatu (New Hebrides)
19	3	06	18	40.0	38.10N	77.64E	19			4.0		4.5			2.2	9	新疆自治区南部
	3	14															(321)Southern Xinjiang Province
20	3	09	16	00.5	15.58S	167.53E	129				5.5	4.8		5.0	1.4	72	瓦努阿图(新赫布里底)
	3	17															(186)Vanuatu (New Hebrides)
21	3	13	18	49.1	7.12S	148.56E	14	6.1	6.0		6.2	5.9	6.0	6.0	1.2	378	新几内亚东部地区
	3	21															(207)Eastern New Guinea region

22	3	13–29–19.1	7.08S	148.45E	40	5.8	5.9		5.8	5.5		5.7	1.3	138	新几内亚东部地区
	3	21													(207)Eastern New Guinea region
23	3	14–20–55.9	21.14S	177.18W	295					4.8		5.0	1.2	116	斐济地区
	3	22													(181)Fiji region
24	3	15–10–44.4	7.19S	148.65E	41	4.9	4.9			5.1	4.9	5.1	1.3	56	新几内亚东部地区
	3	23													(207)Eastern New Guinea region
25	3	15–18–44.5	7.27S	148.60E	24	5.2	4.9		5.7	5.6	5.0	5.7	1.2	205	新几内亚东部地区
	3	23													(207)Eastern New Guinea region
26	3	18–01–18.2	7.14S	148.58E	36					5.0		5.1	0.9	22	新几内亚东部地区
	4	02													(207)Eastern New Guinea region
27	3	18–36–58.1	33.40N	132.41E	75	4.6	4.5		5.5	4.9		5.0	1.9	95	九州岛
	4	02													(235)Kyushu
28	3	19–29–45.4	7.14S	148.52E	39	4.8	4.6		5.5	5.1	4.6	5.2	1.3	101	新几内亚东部地区
	4	03													(207)Eastern New Guinea region
29	3	20–38–37.6	1.99N	126.72E	83	4.9	5.0		5.5	5.2		5.2	1.5	116	马鲁古海峡
	4	04													(266)Molucca Passage
30	4	06–01–45.0	43.69N	86.91E	17			3.9					2.0	14	新疆自治区北部
	4	14													(332)Northern Xinjiang Province
31	4	06–56–25.9	49.60S	117.27E	10	5.4	5.0		5.7	5.3	5.0	5.3	1.3	49	澳大利亚以南地区
	4	14													(437)South of Australia
32	4	09–06–30.2	23.81N	121.63E	15			3.5					1.9	6	台湾岛
	4	17													(244)Taiwan
33	4	13–05–29.9	23.82N	121.27E	11			3.6					2.8	6	台湾岛
	4	21													(244)Taiwan
34	4	15–21–35.9	23.31S	66.66W	203					4.9		5.0	1.5	112	智利——阿根廷边境地区
	4	23													(127)Chile–Argentina border region
35	4	17–26–15.3	26.67S	176.36W	33					5.0		5.0	1.3	50	克马德克群岛地区
	5	01													(177)Kermadec Islands region
36	5	09–18–24.0	44.47N	149.25E	37		4.2			5.1	4.2	5.2	1.1	163	千岛群岛地区
	5	17													(222)Kurile Islands region
37	5	14–57–10.8	23.61N	95.91E	18	7.4	7.1		6.8	6.1	7.1	6.2	1.5	461	缅甸
	5	22													(296)Burma
38	5	15–44–59.1	5.45N	94.20E	29					4.8		5.1	1.5	20	北苏门答腊西海岸远海
	5	23													(705)Off west coast of Northern Sumatera
39	5	16–04–11.0	23.98N	95.94E	11	5.4	5.5	4.9	4.6	5.3		5.2	1.8	131	缅甸
	6	00													(296)Burma
40	5	16–21–02.5	65.53N	134.02W	17					5.0		5.1	1.0	90	育空地区北部
	6	00													(677)Northern Yukon Territory
41	6	03–01–58.2	0.61N	98.51E	56	5.1	4.9		5.9	5.8	4.9	5.8	1.3	395	苏门答腊北部
	6	11													(706)Northern Sumatera
42	6	13–07–34.3	43.38N	82.92E	12	4.3	4.2	4.7		4.7		4.7	1.7	84	新疆自治区北部
	6	21													(332)Northern Xinjiang Province
43	6	15–46–38.4	38.82N	88.26E	22	4.2	4.1	4.9		4.7	4.2	4.9	1.9	88	新疆自治区南部
	6	23													(321)Southern Xinjiang Province
44	7	02–32–11.4	55.48S	1.63W	10		5.3			5.5	4.8	5.6	1.4	78	南大西洋海岭
	7	10													(410)South Atlantic Ridge
45	7	10–50–36.0	0.17S	122.82E	168					5.0		5.0	1.2	61	米那哈沙半岛(西里伯斯)
	7	18													(265)Minahassa Peninsula (Celebes)
46	7	15–43–29.1	36.16N	122.06E	19			3.9		3.7		3.8	2.4	22	黄海
	7	23													(665)Yellow Sea
47	8	02–06–55.7	4.69S	145.81E	24		4.0			5.1	4.0	5.2	1.8	30	新几内亚东部地区
	8	10													(207)Eastern New Guinea region

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48	8 8 17	09–45–21.3	2.44N	128.29E	52		4.0			5.0		5.0	1.3	56	查伊洛洛贾洛洛(哈马黑拉岛) (267)Djailolo Gilolo (Halmahera)
49	8 9 03	19–00–26.9	23.57N	99.32E	4			3.8					4.4	6	缅甸——中国边境地区 (297)Burma–China border region
50	8 9 03	19–03–30.8	23.52N	99.29E	22			3.5					4.0	5	缅甸——中国边境地区 (297)Burma–China border region
51	8 9 05	21–06–35.4	2.23N	97.04E	33					5.2		5.2	1.4	16	北苏门答腊西海岸远海 (705)Off west coast of Northern Sumatera
52	8 9 06	22–04–09.4	18.03S	173.51W	32	5.9	6.0		6.1	6.1	6.0	6.1	1.2	508	汤加 (173)Tonga
53	8 9 07	23–48–46.4	23.98N	120.96E	10			3.1					3.6	6	台湾岛 (244)Taiwan
54	9 9 08	00–26–14.6	38.09N	99.79E	6			3.7					2.2	10	青海省 (325)Qinghai Province
55	9 9 09	01–18–20.1	20.81N	120.45E	32			3.7		4.2		4.3	2.4	22	菲律宾群岛地区 (248)Philippine Islands region
56	9 9 16	08–41–48.4	5.46S	151.93E	41	5.2	4.9		5.9	5.2	4.9	5.3	1.4	114	新不列颠地区 (192)New Britain region
57	9 9 20	12–50–36.2	37.92N	112.54E	12			3.1					1.9	12	中国东北部 (658)North–Eastern China
58	9 9 20	12–53–37.6	11.47S	166.37E	34		3.8			5.2	3.8	5.2	1.1	31	圣克鲁斯群岛 (184)Santa Cruz Islands
59	9 9 23	15–08–53.6	5.34S	151.86E	27	5.9	5.9		5.9	5.7	5.9	5.9	1.3	311	新不列颠地区 (192)New Britain region
60	9 10 06	22–59–11.1	6.80S	129.92E	83		3.7			5.2		5.2	1.3	29	班达海 (280)Banda Sea
61	10 10 08	00–39–38.6	5.43S	151.88E	19	5.4	5.3		5.5	5.5	5.3	5.6	1.6	200	新不列颠地区 (192)New Britain region
62	10 10 10	02–54–51.1	1.37N	126.23E	34		3.8			5.0	3.8	5.0	1.2	52	马鲁古海峡 (266)Molucca Passage
63	10 10 11	03–41–02.5	17.98S	173.54W	22	5.6	5.2			5.6	5.3	5.6	1.4	255	汤加 (173)Tonga
64	10 10 15	07–06–26.0	5.15N	31.73E	10	5.1	4.6			5.1	4.6	5.2	1.4	101	苏丹 (557)Sudan
65	10 10 21	13–57–20.1	51.71N	157.35E	77					5.3		5.4	1.3	204	堪察加半岛 (217)Kamchatka
66	10 11 07	23–19–59.3	24.80N	122.54E	18			3.8					2.0	9	台湾地区 (243)Taiwan region
67	11 11 18	10–15–23.0	18.90S	178.83W	501					5.2		5.3	1.4	151	斐济地区 (181)Fiji region
68	11 11 19	11–54–49.8	15.60S	174.97W	237					4.9		5.0	1.7	64	汤加 (173)Tonga
69	11 11 21	13–03–01.8	5.39S	151.97E	34		4.4			4.9		5.0	1.0	50	新不列颠地区 (192)New Britain region
70	11 11 22	14–02–43.5	47.18N	152.37E	98					5.0		5.1	1.1	138	千岛群岛 (221)Kurile Islands
71	11 12 00	16–56–16.2	17.25S	176.92W	414					5.1		5.1	1.0	35	斐济地区 (181)Fiji region
72	11 12 07	23–43–29.8	38.12N	106.26E	15			3.3					3.2	5	中国北部 (323)Northern China
73	12 12 12	04–56–51.4	22.55N	120.39E	9	4.1		4.1		4.7		4.3	2.7	23	台湾地区 (243)Taiwan region

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74	12 12	06–03–25.5	18.02S	173.51W	33	5.8	5.3		5.6	5.3	5.3	5.4	1.4	188	汤加
															(173)Tonga
75	12 13	16–15–07.9	23.78N	121.46E	7	3.7		3.4					4.5	6	台湾岛
															(244)Taiwan
76	12 13	17–48–43.5	26.06N	125.47E	155					4.1		4.0	0.9	16	台湾东北以远地区
															(245)North–east of Taiwan
77	12 13	23–16–37.5	23.66N	121.72E	9	4.1	3.8	4.3		4.3		4.3	1.8	41	台湾岛
															(244)Taiwan
78	13 13	10–13–14.1	5.81N	94.71E	67		4.2			5.0		5.0	1.3	128	苏门答腊北部
															(706)Northern Sumatera
79	13 13	11–53–35.7	40.57N	105.80E	16	5.2	5.0	5.1	5.3	5.0	5.6	5.2	1.5	204	中国北部
															(323)Northern China
80	13 14	17–38–29.4	18.23S	178.05W	590					5.0		5.0	1.3	146	斐济地区
															(181)Fiji region
81	13 14	20–46–43.4	1.89S	136.85E	31		4.2			5.0		5.1	1.8	63	西伊里安地区
															(196)West Irian region
82	13 14	21–51–53.8	41.68N	81.27E	31			3.8		4.3		4.3	2.4	15	新疆自治区南部
															(321)Southern Xinjiang Province
83	14 14	01–22–38.2	23.60N	121.37E	8	3.5	3.9	3.4		3.5		3.6	1.7	14	台湾岛
															(244)Taiwan
84	14 14	02–25–30.2	6.48S	154.95E	29					5.2		5.3	1.2	18	所罗门群岛
															(193)Solomon Islands
85	14 14	07–18–21.3	43.52N	86.20E	19			3.9				3.2		9	新疆自治区北部
															(332)Northern Xinjiang Province
86	14 14	14–12–09.5	25.18S	178.33E	555					5.2		5.3	1.3	162	斐济以南地区
															(171)South of Fiji
87	14 14	14–55–20.1	40.11N	74.24E	5			4.3				3.8		10	塔吉克——新疆边境地区
															(719)Tadzhikistan–Xinjiang border region
88	14 14	15–09–38.8	7.06S	147.75E	97					4.9		5.0	1.5	31	新几内亚东部地区
															(207)Eastern New Guinea region
89	15 15	01–40–50.4	23.16S	179.65W	585				5.2	5.3		5.5	1.1	169	斐济以南地区
															(171)South of Fiji
90	15 15	04–00–17.7	7.13S	149.19E	49		3.9			5.1	3.8	5.1	1.5	64	新几内亚东部地区
															(207)Eastern New Guinea region
91	15 15	13–43–47.1	5.94S	154.49E	59	5.4	5.4		5.9	5.6		5.6	1.3	225	新不列颠地区
															(192)New Britain region
92	15 15	15–23–41.7	37.38N	114.85E	10			3.3				1.8		5	中国东部
															(664)Eastern China
93	16 16	01–40–33.7	20.11S	68.68W	124					5.1		5.1	1.5	100	智利北部
															(123)Northern Chile
94	16 17	16–09–55.3	37.19N	103.41E	12			3.4				3.1		7	青海省
															(325)Qinghai Province
95	16 17	23–26–55.3	34.60S	104.33W	4					4.9		5.0	1.5	27	太平洋南部
															(692)Southern Pacific Ocean
96	17 17	13–01–28.9	51.41S	140.31E	18		4.9			5.2	5.0	5.0	2.0	24	澳大利亚以南地区
															(437)South of Australia
97	17 18	20–11–31.0	4.98S	151.25E	144				5.7	5.6		5.6	1.1	266	新不列颠地区
															(192)New Britain region
98	17 18	20–31–53.0	24.04N	122.62E	21	5.1	5.0	5.1	5.5	5.2	4.8	5.4	1.5	201	台湾地区
															(243)Taiwan region
99	18 18	01–36–25.9	23.71N	121.32E	9	6.1	5.7	5.5	6.0	5.8	5.5	5.9	1.5	292	台湾岛
															(244)Taiwan

100	18 18	02-16-14.4	47.32N	125.05E	19			3.8		4.5			2.2	17	中国东北部 (658)North-Eastern China
101	18 18	02-24-47.5	23.99N	121.14E	5			3.2					2.5	6	台湾岛 (244)Taiwan
102	18 18	05-56-34.3	37.42N	73.18E	51			4.4		4.9		4.8	2.9	24	阿富汗——苏联边境地区 (717)Afghanistan-USSR border region
103	18 18	09-08-20.1	15.11N	147.69E	25	4.9	4.7		5.7	5.1	4.9	5.2	1.3	123	马里亚纳群岛地区 (215)Marianas region
104	18 18	10-00-33.6	21.10S	178.44W	592					5.1		5.0	1.4	39	斐济地区 (181)Fiji region
105	18 18	10-45-17.8	51.15S	139.44E	9	6.4	6.2		6.4	5.6	6.3	5.7	1.5	189	澳大利亚以南地区 (437)South of Australia
106	18 18	10-49-56.3	23.73N	121.32E	9	5.1	4.7	5.0	5.5	5.0	5.5	5.0	1.8	111	台湾岛 (244)Taiwan
107	18 18	10-54-31.8	23.49N	121.14E	5	5.0	4.6	4.4	5.1	4.4			2.6	10	台湾岛 (244)Taiwan
108	18 20	12-21-13.4	37.31N	103.57E	13			3.3					3.5	6	甘肃省 (322)Gansu Province
109	18 20	12-40-08.0	23.78N	121.45E	8	3.8		4.1		4.4		4.1	2.3	25	台湾岛 (244)Taiwan
110	18 19	21-20-35.0	23.51N	121.41E	9			3.4					4.7	5	台湾岛 (244)Taiwan
111	18 19	22-33-06.7	37.47N	112.49E	23			3.4					2.3	18	中国东部 (664)Eastern China
112	18 19	22-53-08.7	23.69N	121.73E	10	5.1	4.6	4.9	5.3	4.7	4.5	4.8	1.9	95	台湾岛 (244)Taiwan
113	19 19	00-57-21.2	39.40N	75.46E	28			4.2					4.3	8	塔吉克——新疆边境地区 (719)Tadzhikistan-Xinjiang border region
114	19 19	01-08-38.3	35.57N	80.74E	17			4.1					2.3	6	克什米尔——西藏边境地区 (304)Kashmir-Tibet border region
115	19 19	03-06-35.2	5.05S	131.41E	14		3.6			5.2		5.1	2.1	31	班达海 (280)Banda Sea
116	19 19	12-01-56.8	59.11S	25.78W	34					5.1		5.2	1.6	34	南桑德韦奇群岛地区 (153)South Sandwich Islands region
117	19 19	13-24-09.0	23.64N	121.74E	9	4.6	4.5	4.7	5.1	4.5		4.4	2.0	73	台湾岛 (244)Taiwan
118	19 19	13-52-19.1	23.64N	121.75E	8	4.0	3.9	4.2		4.2		4.2	1.9	33	台湾岛 (244)Taiwan
119	19 19	14-47-17.5	56.20S	25.81W	31					5.2		5.4	1.6	39	南桑德韦奇群岛地区 (153)South Sandwich Islands region
120	19 19	14-54-12.7	40.44N	105.86E	20			3.5					3.1	7	中国北部 (323)Northern China
121	19 19	15-59-44.1	23.65N	121.36E	4	3.8	3.3	4.1		4.1		4.0	1.5	14	台湾岛 (244)Taiwan
122	19 20	22-56-26.0	5.58S	148.37E	164				5.6	5.7		5.9	1.1	322	新几内亚东部地区 (207)Eastern New Guinea region
123	19 20	23-11-49.7	7.41S	128.24E	146				5.3	5.3		5.3	1.1	123	班达海 (280)Banda Sea
124	20 20	04-57-15.3	36.68N	83.98E	28			4.1					3.2	8	新疆自治区南部 (321)Southern Xinjiang Province
125	20 20	11-07-29.1	43.64N	147.26E	58	4.0	3.9			5.3		5.3	1.2	175	千岛群岛 (221)Kurile Islands

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126	20 20	11-32-52.0	21.21S	170.04E	79	5.3	5.2		5.8	5.7		5.8	1.2	242	洛亚尔提群岛地区 (189)Loyalty Islands region
127	20 21	18-54-32.9	23.90N	121.66E	19	5.0	4.8	5.1	5.2	5.0	4.5	5.0	1.6	139	台湾岛 (244)Taiwan
128	20 21	21-27-08.8	45.47N	82.85E	28			3.9					2.9	8	新疆自治区北部 (332)Northern Xinjiang Province
129	20 21	21-37-05.0	42.68N	82.85E	22			3.9		4.6		4.2	2.1	21	新疆自治区北部 (332)Northern Xinjiang Province
130	21 21	00-16-12.8	25.25N	122.40E	217					4.7		4.6	1.2	53	台湾岛 (244)Taiwan
131	21 21	01-50-49.7	23.54N	121.48E	6	4.5	4.3	4.5		4.5		4.4	2.2	55	台湾岛 (244)Taiwán
132	21 21	05-12-04.9	35.72N	80.95E	10			4.3					3.8	7	克什米尔——西藏边境地区 (304)Kashmir-Tibet border region
133	21 21	07-36-56.8	8.46N	127.65E	33	4.4	4.0			5.0	4.0	5.1	1.3	69	菲律宾群岛地区 (248)Philippine Islands region
134	21 21	10-51-58.0	23.45N	121.98E	21			3.7		4.8			1.4	7	台湾地区 (243)Taiwan region
135	21 22	16-53-22.5	1.09N	127.37E	158					5.3		5.3	1.4	122	马鲁古海峡 (266)Molucca Passage
136	21 22	18-02-38.7	23.63N	121.40E	10	4.9	4.5	5.1	5.2	4.9	4.3	4.7	1.9	110	台湾岛 (244)Taiwan
137	21 22	18-19-26.1	23.75N	121.21E	3		3.6	3.5					2.0	6	台湾岛 (244)Taiwan
138	21 22	21-01-13.9	46.27N	152.69E	34					5.1		5.0	1.5	25	千岛群岛地区 (222)Kurile Islands region
139	21 22	21-11-07.6	6.97S	154.68E	45		4.6			5.0	4.2	5.0	1.0	45	所罗门群岛 (193)Solomon Islands
140	21 22	22-13-47.8	23.57N	121.50E	13			4.2		4.2		4.1	2.9	28	台湾岛 (244)Taiwan
141	22 22	04-34-45.5	38.70N	115.94E	10			3.1					1.3	8	中国东北部 (658)North-Eastern China
142	22 23	18-40-55.2	23.54N	121.42E	7			3.7		3.5		3.6	1.9	14	台湾岛 (244)Taiwan
143	22 23	21-39-32.1	23.84S	179.60E	504					5.3		5.3	1.4	46	斐济以南地区 (171)South of Fiji
144	23 23	01-12-28.7	52.02N	178.78E	108				6.6	5.9		5.7	1.1	502	拉特群岛 (6)Rat Islands
145	23 23	05-49-51.9	36.22N	100.58E	16			3.2					4.2	5	青海省 (325)Qinghai Province
146	23 23	06-07-08.0	24.73N	95.17E	116				5.5	5.3		5.3	1.3	298	缅甸——印度边境地区 (294)Burma-India border region
147	23 24	16-31-23.9	41.84N	85.35E	25			3.5					4.8	5	新疆自治区南部 (321)Southern Xinjiang Province
148	23 24	16-41-30.8	23.39N	121.93E	19			3.5					3.3	5	台湾地区 (243)Taiwan region
149	23 24	22-30-10.4	45.75N	85.42E	7	4.0		4.3					3.0	11	新疆自治区北部 (332)Northern Xinjiang Province
150	23 24	23-20-15.7	23.02N	103.91E	2			3.1					3.6	6	云南省 (318)Yunnan Province
151	24 24	01-17-14.8	23.59N	121.46E	4			3.9		4.3		4.2	2.3	27	台湾岛 (244)Taiwan

152	24 24	04-01-21.8	23.55N	121.46E	7			3.9		3.9		3.9	2.5	33	台湾岛 (244)Taiwan
153	24 24	12-07-57.6	34.92N	104.35E	32			4.0		4.0		4.0	1.9	30	甘肃省 (322)Gansu Province
154	24 25	20-01-17.9	2.28N	126.69E	53	4.7	4.6			5.3	4.2	5.4	1.3	148	马鲁古海峡 (266)Molucca Passage
155	25 25	09-06-45.8	24.15N	122.65E	11			3.4		4.0		4.1	2.1	12	台湾地区 (243)Taiwan region
156	25 26	17-38-36.4	2.13S	139.02E	22	5.8	5.8		6.2	5.7	5.9	5.9	1.2	294	西伊里安 (201)West Irian
157	25 26	17-40-16.5	2.13S	139.07E	27	5.5				5.7		6.4	0.6	53	西伊里安 (201)West Irian
158	25 26	17-42-38.6	2.13S	139.14E	33	5.5	5.4		5.9	5.4	5.5	5.4	1.1	72	西伊里安 (201)West Irian
159	25 26	18-38-26.2	2.11S	139.07E	32					5.0		5.2	0.7	33	西伊里安 (201)West Irian
160	25 26	21-44-03.7	2.10S	139.02E	32					4.9		5.1	1.0	22	西伊里安 (201)West Irian
161	26 26	00-19-12.6	3.52S	102.61E	112					5.5		5.5	1.2	218	苏门答腊南部 (274)Southern Sumatera
162	26 26	01-07-15.5	2.07S	139.09E	32		4.3			4.9	4.3	5.0	1.0	88	西伊里安 (201)West Irian
163	26 26	04-27-25.1	25.62N	102.24E	12			3.1					2.3	6	云南省 (318)Yunnan Province
164	26 26	08-14-06.5	37.18N	71.08E	54	4.8	4.5	5.2		4.9	4.4	5.0	1.7	124	兴都库什地区 (718)Hindu Kush region
165	26 26	08-56-02.0	14.89S	173.17W	32		4.8			4.7	5.3	4.8	1.2	40	汤加 (173)Tonga
166	26 27	17-20-46.0	24.74N	96.97E	11	4.8	4.3	4.5	5.7	4.7	4.2	4.8	1.7	122	缅甸 (296)Burma
167	26 27	21-23-16.2	30.51S	177.42W	48		4.6			5.2	4.6	5.6	1.7	62	克马德克群岛地区 (177)Kermadec Islands region
168	27 27	06-26-27.8	10.72S	164.30E	34		4.6		5.5	5.2	4.7	5.3	1.1	170	所罗门群岛 (193)Solomon Islands
169	27 27	07-26-51.8	24.09S	179.30E	546					5.0		5.1	0.8	82	斐济以南地区 (171)South of Fiji
170	27 27	09-07-13.3	22.93N	121.85E	25			3.7					3.5	6	台湾地区 (243)Taiwan region
171	27 28	19-05-13.6	1.10N	124.27E	30		4.1			5.1	4.1	5.0	1.5	28	米那哈沙半岛(西里伯斯) (265)Minahassa Peninsula (Celebes)
172	27 28	23-56-21.1	25.20N	123.72E	205					4.3		4.2	2.5	28	琉球群岛西南部 (246)South-western Ryukyu Islands
173	28 28	09-06-37.0	10.54N	125.71E	59	4.7	4.7		5.4	5.4		5.4	1.3	176	莱特岛 (256)Leyte
174	28 28	12-58-48.2	41.97S	171.68E	27	5.5	5.3		6.1	5.9	5.3	5.9	1.2	165	新西兰南岛 (162)South Island, New Zealand
175	28 29	18-00-53.1	41.99S	171.68E	18	5.8	5.6		6.3	5.7	5.6	5.6	1.2	182	新西兰南岛 (162)South Island, New Zealand
176	28 29	20-40-54.5	26.01N	100.86E	12			3.2					2.9	9	云南省 (318)Yunnan Province
177	28 29	22-24-50.9	25.76N	94.90E	32	4.3		3.8		5.2		5.0	2.7	25	缅甸——印度边境地区 (294)Burma-India border region

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178	28	22-28-04.9	38.47N	112.72E	33	4.9	4.7	5.4		4.9	4.6	5.0	1.4	168	中国东北部
	29	06													(658)North-Eastern China
179	29	03-13-12.6	44.12S	94.20E	9	5.5	5.2		5.6	5.2	5.3	5.2	1.1	74	东南印度洋海岭
	29	11													(435)South-East Indian Ridge
180	29	07-11-36.6	5.48S	151.78E	57		4.6			5.0	4.4	5.0	1.2	63	新不列颠地区
	29	15													(192)New Britain region
181	29	14-11-02.3	4.17S	128.07E	23		4.5			5.3	4.5	5.3	1.4	92	班达海
	29	22													(280)Banda Sea
182	29	16-03-59.8	14.91S	75.69W	23		5.2			5.0	5.0	5.2	1.5	132	秘鲁海岸远海
	30	00													(114)Off coast of Peru
183	29	22-46-39.9	12.91N	90.84W	46		4.6			5.0	4.6	5.1	1.3	213	中美洲海岸远海
	30	06													(76)Off coast of Central America
184	30	07-43-41.8	64.42N	20.86W	10		4.7		5.5	5.1	4.6	5.1	1.0	114	冰岛地区
	30	15													(637)Iceland region
185	30	11-17-02.8	7.30S	106.72E	33					5.0		5.0	1.2	71	爪哇岛
	30	19													(277)Java
186	30	12-29-15.8	6.10S	130.50E	145					4.9		5.0	1.3	27	班达海
	30	20													(280)Banda Sea
187	31	00-08-45.7	34.86N	124.18E	23	4.2	3.7	4.4		4.6		4.1	2.3	38	黄海
	31	08													(665)Yellow Sea
188	31	02-13-31.6	0.55N	126.08E	36	5.2	5.3		5.5	5.6	5.3	5.6	1.3	209	马鲁古海峡
	31	10													(266)Molucca Passage
189	31	07-48-58.3	7.39S	127.97E	146					5.2		5.2	0.9	118	班达海
	31	15													(280)Banda Sea
190	31	23-03-33.0	36.04N	70.40E	141				6.5	6.3		6.4	1.2	579	兴都库什地区
	1	07													(718)Hindu Kush region

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191	1	03-27-51.4	23.96N	122.89E	10			3.8		4.0		3.7	1.8	18	台湾地区
	1	11													(243)Tɛiwan region
192	1	10-34-59.1	41.81N	81.15E	14			3.2					2.2	8	新疆自治区南部
	1	18													(321)Southern Xinjiang Province
193	1	12-07-49.5	19.71S	173.15W	24	5.4	5.0		5.7	5.3	5.0	5.4	1.5	153	汤加
	1	20													(173)Tonga
194	1	12-33-27.2	26.30S	114.37W	7	5.9	4.8			5.3	4.8	5.3	1.6	79	复活节岛地区
	1	20													(685)Easter Island region
195	1	15-09-08.8	18.08S	178.20W	618					4.9		5.0	1.0	70	斐济地区
	1	23													(181)Fiji region
196	1	21-18-33.2	38.45N	73.75E	29			3.9		4.9		4.7	2.6	18	塔吉克
	2	05													(715)Tadzhikistan
197	2	06-24-06.2	34.66N	104.68E	6			3.4					2.3	16	甘肃省
	2	14													(322)Gansu Province
198	2	09-34-19.0	44.50N	80.58E	33	4.1	3.7	4.2		4.6		4.6	1.7	35	哈萨克---新疆边境地区
	2	17													(331)Kazakhstan-Xinjiang border region
199	2	12-39-26.8	1.69N	126.47E	36	4.7	4.6		5.3	5.2	4.6	5.3	1.1	103	马鲁古海峡
	2	20													(266)Molucca Passage
200	2	16-14-00.4	1.60N	126.49E	36	4.6	4.2		5.3	5.0	4.2	5.1	1.2	64	马鲁古海峡
	3	00													(266)Molucca Passage
201	2	16-58-31.1	24.87N	124.43E	15	4.1	3.9	3.7		4.2		4.1	1.8	20	琉球群岛西南部
	3	00													(246)South-western Ryukyu Islands
202	2	19-22-44.5	1.49N	126.44E	66		4.1			5.0		5.0	1.2	54	马鲁古海峡
	3	03													(266)Molucca Passage

203	3 3 10	02-11-28.0	9.09S	125.43E	72					4.9		5.0	1.2	51	帝汶岛 (289)Timor
204	3 3 14	06-31-48.6	41.65N	81.29E	12			4.2		4.6		4.6	2.1	33	新疆自治区南部 (321)Southern Xinjiang Province
205	3 3 18	10-47-29.9	18.89S	173.01W	30	5.3	4.9			5.2	4.9	5.2	1.0	68	汤加 (173)Tonga
206	3 4 07	23-24-01.5	42.60N	85.54E	20	4.5	4.3	4.7	5.0	4.6	4.3	4.7	1.7	94	新疆自治区北部 (332)Northern Xinjiang Province
207	4 4 11	03-00-47.9	19.15N	145.47E	200					4.9		5.0	1.3	124	马里亚纳群岛 (216)Marianas
208	4 4 18	10-00-52.5	23.91N	121.69E	17	5.0	4.8	4.9	5.2	5.1		5.1	1.6	136	台湾岛 (244)Taiwan
209	4 5 06	22-39-44.9	16.48N	121.14E	10	4.8	4.5		5.6	5.2	4.7	5.2	1.6	144	吕宋岛 (249)Luzon
210	5 5 11	03-53-25.4	24.10S	115.78W	5	6.0	5.4		6.1	5.2	5.1	5.3	1.7	76	复活节岛海山 (684)Easter Island Cordillera
211	5 5 15	07-44-49.7	37.66N	91.93E	8			4.2		4.7			2.5	16	青海省 (325)Qinghai Province
212	5 5 21	13-03-51.1	42.45N	88.90E	14			4.1					2.3	11	新疆自治区南部 (321)Southern Xinjiang Province
213	5 5 23	15-29-36.0	42.77N	124.22E	14			3.2					1.6	9	中国东北部 (658)North-Eastern China
214	5 6 06	22-29-11.8	37.05N	120.07E	5			3.1					1.1	6	中国东部 (664)Eastern China
215	6 6 10	02-07-23.6	37.02N	119.98E	5			3.3					2.8	10	中国东部 (664)Eastern China
216	6 6 10	02-18-13.0	23.08N	105.96E	21			3.7					2.6	10	印度支那半岛 (299)Indo-Pacific Peninsula
217	6 6 13	05-33-53.4	22.32N	121.55E	10	3.6		3.8		4.5			1.5	8	台湾地区 (243)Taiwan region
218	6 6 15	07-58-38.2	52.42N	152.39E	498				5.3	5.1		5.0	0.9	260	鄂霍次克海 (663)Sea of Okhotsk
219	6 6 18	10-32-41.6	23.92N	121.69E	10	3.7	4.0	3.8		4.0		3.9	1.7	22	台湾岛 (244)Taiwan
220	6 6 19	11-44-51.6	7.01S	144.81E	22		4.5			5.1	4.3	5.2	1.2	67	新几内亚南海岸近海 (206)Near south coast of New Guinea
221	6 7 02	18-05-46.2	37.12N	119.77E	12			3.3					3.1	9	中国东部 (664)Eastern China
222	7 7 11	03-50-27.7	51.74N	174.16E	33	5.7	5.3		5.9	5.6	5.3	5.7	0.9	349	尼尔群岛 (5)Near Islands
223	7 7 12	04-06-10.1	6.10S	103.36E	33					5.0		5.0	1.0	82	苏门答腊西南以远地区 (273)South-west of Sumatera
224	7 7 14	06-04-19.6	66.40N	147.94W	11	5.4	5.0		5.5	5.3	4.8	5.5	0.9	272	阿拉斯加 (676)Alaska
225	7 7 15	07-41-45.8	40.34N	106.32E	31	3.8		4.1					2.4	17	中国北部 (323)Northern China
226	8 8 09	01-38-52.0	7.50S	128.79E	103				5.9	5.5		5.4	1.2	143	帝汶海 (290)Timor Sea
227	8 8 18	10-23-15.0	40.20N	106.10E	23			3.7					4.8	5	中国北部 (323)Northern China
228	8 8 22	14-58-50.6	40.76N	78.47E	26			3.2					3.2	6	吉尔吉斯——新疆边境地区 (320)Kirgiziya-Xinjiang border region

229	9 9	00–44–43.1	33.95N	119.81E	10			3.3					2.9	6	中国东部 (664)Eastern China
230	9 9	02–08–51.2	15.16S	176.91W	28	5.9	6.0		5.8	5.4	6.0	5.6	1.4	237	斐济地区 (181)Fiji region
231	9 9	08–39–45.1	27.17S	63.46W	576					4.9		5.0	1.1	125	阿根廷圣地亚哥德尔埃斯特罗省 (132)Santiago del Estero Province,Argent
232	9 9	13–31–54.7	6.96S	129.46E	79					5.0		5.0	1.3	79	班达海 (280)Banda Sea
233	9 9	15–29–23.8	28.24N	104.18E	8			3.2		3.5		3.6	2.2	19	云南省 (318)Yunnan Province
234	9 10	16–18–58.2	9.88S	159.15E	10	6.6	6.6		6.8	6.1	6.9	6.4	1.4	388	所罗门群岛 (193)Solomon Islands
235	9 10	16–30–32.5	9.79S	159.21E	10	6.5	6.4			5.9	6.4	5.9	0.9	239	所罗门群岛 (193)Solomon Islands
236	9 10	20–18–38.3	39.77N	73.96E	18			4.3					3.2	10	塔吉克——新疆边境地区 (719)Tadzhikistan–Xinjiang border region
237	10 10	00–51–15.9	4.67S	129.19E	210					5.2		5.4	1.0	94	班达海 (280)Banda Sea
238	10 10	12–42–37.4	8.82N	39.86W	9	6.3	5.8		5.9	5.8	5.9	5.9	1.2	411	中大西洋中部海岭 (406)Central Mid–Atlantic Ridge
239	10 10	14–15–19.7	14.02N	144.81E	156				5.7	5.6		5.5	1.4	291	马里亚纳群岛 (216)Marianas
240	10 10	15–06–22.5	43.90N	86.96E	12			3.4					2.7	6	新疆自治区北部 (332)Northern Xinjiang Province
241	10 11	17–29–40.4	8.84S	124.33E	138					5.0		5.0	1.2	55	帝汶岛 (289)Timor
242	10 11	19–55–08.5	21.07S	179.10W	628					4.9		5.0	0.8	94	斐济地区 (181)Fiji region
243	10 11	20–06–11.6	48.13N	155.05E	35	4.5	4.4			4.9	4.4	5.1	1.0	112	千岛群岛 (221)Kurile Islands
244	10 11	22–57–36.4	36.14N	100.24E	33			3.4					2.5	6	青海省 (325)Qinghai Province
245	11 11	04–30–05.8	21.84N	113.27E	7			3.4					2.6	5	中国东南沿海 (242)Near south–eastern coast of China
246	11 11	11–09–28.8	6.75S	130.14E	95					4.9		5.1	1.1	36	班达海 (280)Banda Sea
247	11 12	22–17–36.1	23.83N	121.72E	11	3.9	3.9	4.2		4.3		4.3	1.4	34	台湾岛 (244)Taiwan
248	12 12	01–35–05.9	6.96S	129.79E	121					5.3		5.3	1.0	119	班达海 (280)Banda Sea
249	12 12	04–51–38.4	29.28N	105.06E	20			3.1					2.9	11	四川省 (307)Sichuan Province
250	12 12	11–31–03.1	32.00S	179.84E	363				5.9	5.3		5.3	1.2	209	克马德克群岛以南地区 (179)South of Kermadec Islands
251	12 12	12–45–27.5	51.48N	173.51W	32		4.0			4.9	4.0	5.0	1.0	117	安德烈亚诺夫群岛 (7)Andreanof Islands
252	12 12	13–00–59.6	29.61N	96.97E	15	4.4	4.3	4.6		4.8		4.9	1.8	97	印度——中国边境地区 (313)India–China border region
253	12 12	13–22–54.5	29.63N	96.93E	3			3.7					3.1	9	印度——中国边境地区 (313)India–China border region
254	12 12	14–02–56.1	30.64N	79.22E	33		3.6			4.1	3.6	4.1	1.9	25	印度北部 (308)Northern India

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255	12 12	15-30-44.5	24.09N	123.83E	22	4.2	3.9	4.0		4.4		4.5	2.0	61	琉球群岛西南部	
															(246)South-western Ryukyu Islands	
256	12 13	21-09-21.4	34.21N	103.31E	4			3.3					1.4	7	四川省	
															(307)Sichuan Province	
257	12 13	21-40-46.5	39.63N	74.16E	5		3.8	4.5		4.4			2.3	18	塔吉克——新疆边境地区	
															(719)Tadzhikistan-Xinjiang border region	
258	12 13	21-42-29.3	21.25S	169.96E	77		4.7			4.8		5.1	1.2	99	洛亚尔提群岛地区	
															(189)Loyalty Islands region	
259	12 13	22-06-47.9	0.49N	124.49E	130					5.0		5.1	1.1	43	米那哈沙半岛(西里伯斯)	
															(265)Minahassa Peninsula (Celebes)	
260	13 13	11-24-54.1	38.04N	102.07E	13			3.7					1.8	9	青海省	
															(325)Qinghai Province	
261	13 13	14-54-13.1	22.00S	179.54W	599					5.2		5.3	0.9	137	斐济以南地区	
															(171)South of Fiji	
262	13 14	16-28-19.2	29.65N	96.95E	32	4.2	3.9	4.3		4.6		4.7	1.8	73	印度——中国边境地区	
		00													(313)India-China border region	
263	13 14	16-34-35.2	22.58N	121.50E	5			3.5					4.6	6	台湾地区	
		00													(243)Taiwan region	
264	13 14	16-44-51.5	9.89S	159.10E	20	5.0	4.6			5.7	5.3	4.6	5.5	1.1	152 所罗门群岛	
		00													(193)Solomon Islands	
265	14 14	01-01-00.1	32.94S	179.33W	34	5.5	5.4			6.1	5.3	5.3	5.4	1.2	153 克马德克群岛以南地区	
		09													(179)South of Kermadec Islands	
266	14 14	06-14-19.5	27.20S	175.97W	34						5.3		5.3	1.5	11 克马德克群岛地区	
															(177)Kermadec Islands region	
267	14 14	08-25-55.1	30.35N	50.85E	25	5.1	4.8			5.5	5.3	4.5	5.4	1.1	293 伊朗南部	
		16													(353)Southern Iran	
268	14 15	19-22-15.0	6.23S	154.72E	45	5.4	5.4			5.8	5.7	5.6	5.8	1.2	280 所罗门群岛	
		03													(193)Solomon Islands	
269	14 15	23-31-22.8	22.12S	112.45W	4	6.4	5.9			5.8	5.4	5.9	5.5	1.6	122 复活节岛地区	
		07													(685)Easter Island region	
270	15 15	00-55-32.7	4.18N	124.21E	30	4.9	4.8			5.6	5.4	4.9	5.5	1.3	137 西里伯斯海	
		08													(262)Celebes Sea	
271	15 15	07-25-17.1	2.18N	128.33E	33						5.0		5.1	1.5	56 查伊洛洛贾洛洛(哈马黑拉)岛	
		15													(267)Djailolo Gilolo (Halmahera)	
272	15 15	10-48-11.1	42.10S	171.64E	31		5.0				5.5	5.2	5.5	1.5	149 新西兰南岛	
		18													(162)South Island, New Zealand	
273	16 16	00-19-47.1	33.72N	104.78E	5			3.6					2.5	19	甘肃省	
		08													(322)Gansu Province	
274	16 16	01-23-39.5	48.32N	154.35E	39	5.7	5.7			6.1	6.1	5.7	6.3	0.9	603 千岛群岛	
		09													(221)Kurile Islands	
275	16 16	02-15-13.4	49.41S	116.75E	20						5.2	5.1	5.0	1.2	58 澳大利亚以南地区	
		10													(437)South of Australia	
276	16 16	03-34-32.2	1.92N	128.22E	133					5.8	5.6		5.6	1.1	167 查伊洛洛贾洛洛(哈马黑拉)岛	
		11													(267)Djailolo Gilolo (Halmahera)	
277	16 16	07-55-59.5	18.46S	177.89W	579						5.1		5.2	1.1	71 斐济地区	
		15													(181)Fiji region	
278	16 16	14-29-36.9	35.86N	99.79E	6			3.4					3.0	5	青海省	
		22													(325)Qinghai Province	
279	16 17	18-12-59.2	23.64N	121.48E	5			3.7					3.9	1.6	18 台湾岛	
		02													(244)Taiwan	
280	16 17	19-18-20.4	23.60N	121.40E	6			3.6					3.9	1.6	18 台湾岛	
		03													(244)Taiwan	

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281	16 17	22-51-08.8	31.03N	121.09E	26			3.7					1.6	10	中国东部 (664)Eastern China
282	17 17	03-19-16.3	2.60N	96.11E	24	5.0	4.8			5.3		5.4	1.1	90	北苏门答腊西海岸远海 (705)Off west coast of Northern Sumatera
283	17 17	03-58-55.1	23.74N	102.67E	12			3.2					1.7	6	云南省 (318)Yunnan Province
284	17 17	06-59-12.6	21.15S	169.86E	59	5.6	5.3		5.9	5.6		5.6	1.1	349	洛亚尔提群岛地区 (189)Loyalty Islands region
285	17 17	10-13-33.6	7.99S	129.66E	34		4.1			5.0		5.0	1.8	38	帝汶海 (290)Timor Sea
286	17 17	11-17-42.5	39.97N	77.74E	18	4.3	4.2	4.5		4.9		5.0	1.8	74	新疆自治区南部 (321)Southern Xinjiang Province
287	18 18	02-37-24.4	8.92N	126.48E	22	6.6	6.6		6.6	6.0	6.6	6.0	1.5	377	棉兰老岛 (259)Mindanao
288	18 18	02-52-45.5	8.92N	126.60E	37					5.2		5.0	0.9	28	棉兰老岛 (259)Mindanao
289	18 18	02-59-50.5	24.31N	121.11E	10			3.5					1.6	5	台湾岛 (244)Taiwan
290	18 18	04-46-19.2	8.93N	126.64E	17	4.9	4.8		5.5	5.2	4.9	5.2	1.3	92	棉兰老岛 (259)Mindanao
291	18 18	09-06-21.5	31.66N	102.53E	20	5.1	4.5	5.1	5.4	4.9		4.8	1.8	121	四川省 (307)Sichuan Province
292	18 18	09-54-26.5	36.02N	81.00E	11			4.0					2.2	8	克什米尔——西藏边境地区 (304)Kashmir-Tibet border region
293	18 18	10-10-32.9	18.51S	176.40E	34	5.4	4.5			5.0	4.4	5.1	1.2	31	斐济以南地区 (171)South of Fiji
294	18 18	13-47-40.6	18.46S	176.28E	16	5.5	4.9		5.8	5.2	4.9	5.2	1.8	29	斐济地区 (181)Fiji region
295	18 18	14-07-51.9	8.86N	126.69E	33	4.8	4.5		4.9	5.2	4.6	5.2	1.4	97	棉兰老岛 (259)Mindanao
296	18 19	16-15-06.4	18.99S	168.50E	40	5.4	5.0		5.9	5.6	5.2	5.7	1.4	242	瓦努阿图(新赫布里底) (186)Vanuatu (New Hebrides)
297	19 19	01-55-23.9	32.31S	178.57W	34					5.4		5.3	1.5	57	克马德克群岛以南地区 (179)South of Kermadec Islands
298	19 19	10-49-22.0	26.03N	127.54E	30	4.3	4.4	4.3		5.0	4.4	5.1	1.6	108	琉球群岛 (238)Ryukyu Islands
299	19 19	13-16-29.7	1.57N	127.11E	129				5.8	5.6		5.6	1.2	191	马鲁古海峡 (266)Molucca Passage
300	19 19	14-06-54.7	2.01S	138.67E	33	4.6	4.3			4.8		5.0	1.8	40	西伊里安 (201)West Irian
301	19 19	15-05-19.2	23.86N	121.63E	8			3.8		3.7		3.8	1.8	16	台湾岛 (244)Taiwan
302	19 19	15-50-06.8	9.21N	126.45E	67	4.9	4.8		5.3	5.4		5.4	1.4	139	棉兰老岛 (259)Mindanao
303	19 20	23-46-35.7	38.90N	75.17E	28			3.8		4.5		4.6	2.3	31	塔吉克——新疆边境地区 (719)Tadzhikistan-Xinjiang border region
304	20 20	04-48-06.8	22.52S	113.00W	8	6.0	5.7		6.4	5.5	5.7	5.6	1.4	160	复活节岛地区 (685)Easter Island region
305	20 20	05-49-24.4	8.55S	108.60E	32					5.1		5.1	1.2	66	爪哇以南地区 (282)South of Java
306	20 20	11-43-25.2	9.12N	126.57E	37	5.1	5.1		5.5	5.4	4.9	5.4	1.4	148	棉兰老岛 (259)Mindanao

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307	20 20	12–26–42.3	8.81N	126.72E	38	4.6	4.6			4.9	4.5	5.1	1.9	79	棉兰老岛 (259)Mindanao
308	20 20	14–08–06.3	9.08N	126.68E	25	4.4	4.4		5.4	5.0		5.2	1.3	46	棉兰老岛 (259)Mindanao
309	20 20	14–50–56.4	21.62N	102.08E	10			3.4					4.5	6	缅甸——中国边境地区 (297)Burma–China border region
310	20 20	15–26–33.4	42.21N	87.00E	17			3.2					3.0	7	新疆自治区南部 (321)Southern Xinjiang Province
311	20 21	20–37–50.4	48.71N	153.27E	156					5.2		5.2	0.9	266	千岛群岛 (221)Kurile Islands
312	20 21	21–46–22.5	4.63S	143.28E	91					5.6		5.7	1.1	220	新几内亚 (202)New Guinea
313	21 21	00–36–15.9	23.45N	99.62E	5			3.2					2.9	6	缅甸——中国边境地区 (297)Burma–China border region
314	21 21	01–49–35.0	37.99N	100.57E	32	4.1	4.0	4.3		4.3		4.5	2.0	35	青海省 (325)Qinghai Province
315	21 21	01–55–09.5	58.47N	175.49W	20	4.8	4.6			4.9	4.5	5.0	0.8	121	白令海 (3)Bering Sea
316	21 21	02–35–32.8	58.47N	175.52W	20	6.9	6.5		6.8	6.2	6.5	6.2	1.0	523	白令海 (3)Bering Sea
317	21 21	10–35–27.1	6.99N	126.43E	132					5.2		5.1	1.4	44	棉兰老岛 (259)Mindanao
318	21 21	10–38–50.5	9.49S	117.42E	32					5.1		5.0	1.4	44	松巴哇地区 (285)Sumbawa region
319	21 22	18–36–52.7	10.57S	163.28E	34		4.6		5.5	5.0	4.7	5.1	1.0	88	所罗门群岛 (193)Solomon Islands
320	22 22	01–10–17.0	9.98S	113.89E	38					5.2		5.2	1.6	27	爪哇以南地区 (282)South of Java
321	22 22	15–51–33.4	10.69S	163.19E	33	4.9	4.8			5.0	4.9	5.1	1.3	48	所罗门群岛 (193)Solomon Islands
322	22 23	16–57–49.2	27.02N	100.91E	10	3.9		3.4					2.4	15	云南省 (318)Yunnan Province
323	22 23	17–36–18.7	10.55S	162.54E	85					4.5		5.0	1.3	11	所罗门群岛 (193)Solomon Islands
324	22 23	18–39–11.0	6.53S	74.86W	141					5.1		5.2	1.2	204	秘鲁北部 (111)Northern Peru
325	22 23	22–06–10.7	3.94S	35.79E	9		4.6			5.1	4.5	5.3	1.2	120	坦桑尼亚 (573)Tanzania
326	23 23	05–55–44.0	8.22N	122.24E	55	5.1	4.9		5.4	4.8	4.7	5.0	1.7	97	棉兰老岛 (259)Mindanao
327	23 23	07–14–44.4	37.38N	113.57E	13			3.4					2.2	23	中国东部 (664)Eastern China
328	23 23	09–31–39.9	45.29N	150.49E	41	4.6	4.6		5.2	5.2	4.6	5.4	1.1	280	千岛群岛 (221)Kurile Islands
329	23 24	19–53–15.7	4.63S	137.76E	22	4.7	4.6		5.6	5.1	4.6	5.2	1.3	129	西伊里安南海岸近海 (205)Near south coast of West Irian
330	23 24	19–56–17.7	44.72N	83.08E	19			3.1					3.2	5	新疆自治区北部 (332)Northern Xinjiang Province
331	23 24	23–07–44.8	51.20S	161.19E	12					5.0		5.1	1.3	27	麦阔里岛以北地区 (165)North of Macquarie Island
332	24 24	02–34–05.8	18.05S	178.78W	645					5.2		5.2	1.1	30	斐济地区 (181)Fiji region

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333	24 24	09–36–51.0	22.68S	166.68E	33	5.5	4.9			4.9	5.0	4.9	1.7	98	新喀里多尼亚
															(187)New Caledonia
334	24 24	11–04–16.1	15.05S	173.34W	34	5.7	5.4		5.9	5.2	5.4	5.2	1.5	129	汤加
															(173)Tonga
335	24 24	11–34–45.1	9.26N	125.79E	33	4.8	4.7		5.4	5.0	4.8	5.0	1.5	115	棉兰老岛
															(259)Mindanao
336	24 24	13–30–33.5	23.47N	120.96E	34	4.9	4.7	4.8		4.7		4.6	2.3	78	台湾岛
															(244)Taiwan
337	25 25	06–39–04.8	7.32S	128.97E	121				5.7	5.7		5.6	1.3	217	班达海
															(280)Banda Sea
338	25 25	09–13–42.9	23.24N	121.63E	11			3.8		3.4		3.6	2.5	12	台湾地区
															(243)Taiwan region
339	25 25	09–17–22.3	23.64N	120.24E	9			3.3					3.6	6	台湾地区
															(243)Taiwan region
340	25 25	09–42–23.6	23.95N	121.70E	26	4.5	4.4	4.6		4.7		4.6	1.9	68	台湾岛
															(244)Taiwan
341	25 25	10–52–33.1	34.65N	78.82E	31	4.3	4.3	4.3		4.4		4.6	1.6	20	克什米尔——西藏边境地区
															(304)Kashmir–Tibet border region
342	25 25	14–30–26.7	40.41N	78.96E	19	6.4	6.1		6.0	5.5	6.1	5.5	1.1	351	新疆自治区南部
															(321)Southern Xinjiang Province
343	25 25	14–52–03.9	40.36N	79.10E	32			4.6		5.0		5.0	1.3	105	新疆自治区南部
															(321)Southern Xinjiang Province
344	25 25	14–54–41.9	40.46N	78.81E	24			4.9		4.8		4.9	1.9	24	新疆自治区南部
															(321)Southern Xinjiang Province
345	25 25	15–11–00.5	40.44N	79.08E	28			3.3					3.7	8	新疆自治区南部
															(321)Southern Xinjiang Province
346	25 26	16–18–44.2	40.58N	79.29E	19			3.3					3.3	7	新疆自治区南部
															(321)Southern Xinjiang Province
347	25 26	16–53–28.5	40.47N	79.16E	31			3.5					4.6	6	新疆自治区南部
															(321)Southern Xinjiang Province
348	25 26	17–39–41.3	40.43N	79.14E	20			3.3					3.3	7	新疆自治区南部
															(321)Southern Xinjiang Province
349	26 26	01–58–51.5	37.03N	120.28E	15			3.5					2.8	11	中国东部
															(664)Eastern China
350	26 26	02–11–51.5	36.96N	120.10E	3			3.1					3.6	5	中国东部
															(664)Eastern China
351	26 26	07–25–46.8	40.19N	13.82E	403				5.1	5.5		5.5	1.0	427	第勒尼安海
															(389)Tyrrhenian Sea
352	26 26	08–54–43.2	37.90N	112.45E	31			3.7					1.9	22	中国东北部
															(658)North–Eastern China
353	26 26	13–34–39.6	40.50N	79.22E	19			3.4					3.0	8	新疆自治区南部
															(321)Southern Xinjiang Province
354	26 26	13–51–36.7	40.44N	79.45E	15			3.5					4.0	6	新疆自治区南部
															(321)Southern Xinjiang Province
355	26 26	15–38–42.0	34.40N	91.84E	32	5.3	5.0		4.9	4.7	4.6	4.7	2.1	74	青海省
															(325)Qinghai Province
356	26 27	16–14–41.4	49.55S	125.75E	9		5.0			5.1	4.9	5.0	2.0	18	澳大利亚以南地区
															(437)South of Australia
357	26 27	18–28–43.1	40.33N	79.49E	17			4.3					2.9	13	新疆自治区南部
															(321)Southern Xinjiang Province
358	26 27	19–19–31.4	32.84N	86.47E	31	4.1	3.9			4.2		4.3	1.4	17	西藏自治区
															(306)Tibet

359	26 27	21–21–22.4 05	37.88N	102.74E	10			3.2					4.0	6	甘肃省 (322)Gansu Province
360	27 27	00–33–50.7 08	26.97N	100.68E	7			3.0					1.2	5	云南省 (318)Yunnan Province
361	27 27	00–36–00.6 08	24.30N	123.89E	36	3.5	3.8	3.7		4.2		4.3	1.8	27	琉球群岛西南部 (246)South–western Ryukyu Islands
362	27 27	08–34–34.7 16	30.16S	68.79W	32		4.4			5.3	4.7	5.4	1.2	108	智利——阿根廷边境地区 (127)Chile–Argentina border region
363	27 27	08–43–53.7 16	25.70N	104.04E	11	4.8	4.5	4.7		4.6			2.1	57	云南省 (318)Yunnan Province
364	27 27	09–25–07.0 17	22.93S	172.54E	33	5.2	5.0		5.6	5.0	5.0	5.3	1.3	88	洛亚尔提群岛地区 (189)Loyalty Islands region
365	27 27	11–05–25.7 19	40.43N	79.34E	22			3.6					3.6	5	新疆自治区南部 (321)Southern Xinjiang Province
366	27 27	15–25–06.9 23	40.29N	80.06E	26			3.3					4.3	6	新疆自治区南部 (321)Southern Xinjiang Province
367	27 28	18–25–58.8 02	36.21N	100.31E	23			3.3					2.5	8	青海省 (325)Qinghai Province
368	27 28	19–02–20.3 03	8.95N	126.45E	66	4.5	4.3			5.2		5.1	1.3	106	棉兰老岛 (259)Mindanao
369	28 28	05–20–09.6 13	19.06S	175.17W	250					5.3		5.4	1.2	132	汤加 (173)Tonga
370	28 28	13–30–13.3 21	20.07S	175.81W	220				5.5	5.6		5.6	1.1	300	斐济地区 (181)Fiji region
371	28 1	18–05–27.9 02	32.04N	142.36E	40	4.2	4.2			4.8		5.1	1.1	97	本州以南地区 (211)South of Honshu
372	28 1	18–08–03.6 02	7.40S	128.27E	161					5.0		5.0	1.2	86	班达海 (280)Banda Sea

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373	1 1	01–03–52.1 09	40.23S	78.57E	10	5.5	5.4			4.7	5.4	4.7	1.2	40	中印度洋海丘 (429)Mid–Indian Rise
374	1 1	01–57–01.9 09	72.21N	126.85E	18	5.3	5.1			5.2	5.0	5.2	0.9	224	西伯利亚中部 (726)Central Siberia
375	1 1	03–56–21.6 11	22.48N	99.00E	10			3.6					1.3	6	缅甸 (296)Burma
376	1 1	09–23–23.7 17	22.83S	172.29E	34					5.2		5.2	1.2	17	洛亚尔提群岛地区 (189)Loyalty Islands region
377	1 1	12–45–25.5 20	6.00S	145.94E	61					5.1		5.1	0.8	46	新几内亚 (202)New Guinea
378	1 1	14–04–45.5 22	19.66S	70.06W	72	5.9	5.5		5.4	5.2		5.3	1.5	188	智利北部海岸近海 (122)Near coast of Northern Chile
379	1 2	17–30–26.5 01	10.99N	84.61W	205				6.0	5.9		6.1	1.3	538	哥斯达黎加 (78)Costa Rica
380	1 2	21–08–20.3 05	2.45N	126.75E	66		4.4			4.9		5.1	1.3	78	马鲁古海峡 (266)Molucca Passage
381	1 2	23–06–35.6 07	40.29N	142.28E	53	4.6	4.4			5.1		5.2	1.3	217	本州岛 (227)Honshu
382	2 2	03–29–25.7 11	9.22N	126.63E	85	4.5	4.1		5.3	4.8		5.0	1.2	75	棉兰老岛 (259)Mindanao
383	2 2	04–05–42.4 12	10.97S	166.61E	33					5.2		5.3	1.0	56	圣克鲁斯群岛 (184)Santa Cruz Islands

384	2	04–56–37.0	24.10N	121.81E	34	4.0	3.9	4.4		4.4		4.4	1.8	57	台湾岛
	2	12													(244)Taiwan
385	2	17–47–52.0	31.89N	100.99E	9	3.1		3.3					4.0	8	四川省
	3	01													(307)Sichuan Province
386	2	18–13–18.3	23.94N	121.74E	18	5.7	5.5	5.3	5.5	5.0		5.0	1.7	136	台湾岛
	3	02													(244)Taiwan
387	2	22–41–09.5	21.92S	174.83W	33	5.4	5.0		5.6	5.1	5.1	5.1	1.4	48	汤加地区
	3	06													(174)Tonga region
388	2	23–06–03.6	21.91S	175.01W	44	5.1	5.1		5.9	5.6	5.0	5.6	1.4	186	汤加地区
	3	07													(174)Tonga region
389	3	04–36–45.3	24.09N	121.92E	5	4.6	4.3	4.3		4.1			2.1	25	台湾岛
	3	12													(244)Taiwan
390	3	06–00–15.8	22.62S	174.61W	37		4.8			5.0	4.8	5.0	1.1	39	汤加地区
	3	14													(174)Tonga region
391	3	09–34–49.7	41.40N	79.14E	13			4.1		4.0		4.0	2.4	21	新疆自治区南部
	3	17													(321)Southern Xinjiang Province
392	3	15–20–24.6	21.82S	175.04W	16	6.0	6.0		6.4	6.1	6.1	6.0	1.2	434	汤加地区
	3	23													(174)Tonga region
393	3	18–09–01.1	39.23N	71.60E	29	4.6	4.2	5.1		4.9	4.0	5.0	1.1	170	阿富汗——苏联边境地区
	4	02													(717)Afghanistan–USSR border region
394	3	19–16–53:5	41.18N	78.98E	1			3.8					2.5	7	新疆自治区南部
	4	03													(321)Southern Xinjiang Province
395	4	04–27–00.2	23.53N	121.62E	25	4.4	3.8	3.6		4.2		4.3	1.8	23	台湾岛
	4	12													(244)Taiwan
396	4	05–43–25.6	22.94N	121.24E	23			3.5					1.7	7	台湾岛
	4	13													(244)Taiwan
397	5	01–49–24.2	22.67N	120.70E	35	3.5	3.7	3.9		4.0		4.0	1.9	22	台湾岛
	5	09													(244)Taiwan
398	5	09–18–00.6	23.18N	102.45E	5	4.7	4.2	5.0		4.3			1.9	42	缅甸——中国边境地区
	5	17													(297)Burma–China border region
399	5	13–49–05.7	3.26N	83.34W	14	5.9	5.5		6.2	5.8	5.5	5.9	1.2	313	中美洲海岸远海
	5	21													(76)Off coast of Central America
400	5	13–57–28.0	12.86N	143.34E	118					5.1		5.1	1.0	97	马里亚纳群岛以南地区
	5	21													(210)South of the Marianas
401	5	18–09–33.2	0.37S	99.31E	63		4.2			5.2		5.2	1.1	157	苏门答腊南部
	6	02													(274)Southern Sumatera
402	5	20–01–44.7	2.66N	125.80E	97					5.1		5.2	1.1	87	塔劳群岛
	6	04													(263)Talaud Islands
403	5	22–35–47.8	4.00S	102.32E	59	5.4	5.3		6.0	5.8		5.9	1.1	352	苏门答腊南部
	6	06													(274)Southern Sumatera
404	6	02–18–12.4	0.32N	124.76E	102					5.1		5.2	1.5	154	马鲁古海
	6	10													(269)Molucca Sea
405	6	05–50–51.7	5.45S	152.08E	47	4.6	4.3			4.9	4.3	5.0	0.8	48	新不列颠地区
	6	13													(192)New Britain region
406	6	11–33–15.8	33.45N	104.11E	6			3.7					2.8	17	四川省
	6	19													(307)Sichuan Province
407	6	15–44–25.3	30.50S	178.55W	227				5.6	5.4		5.5	1.1	128	克马德克群岛地区
	6	23													(177)Kermadec Islands region
408	6	16–04–07.9	35.92N	80.90E	31			4.5		4.0		4.1	1.8	20	克什米尔——西藏边境地区
	7	00													(304)Kashmir–Tibet border region
409	6	18–32–39.7	39.08N	75.49E	12			4.4		4.4		4.5	1.9	44	塔吉克——新疆边境地区
	7	02													(719)Tadzhikistan–Xinjiang border region

410	7 7 09	01-13-53.0	40.00N	75.65E	17	5.0	4.8	5.7	5.0	4.9	4.9	5.0	1.4	145	新疆自治区南部 (321)Southern Xinjiang Province
411	7 7 09	01-28-09.7	19.99S	134.10E	3					5.4		5.2	1.2	54	澳北区 (591)Northern Territory, Australia
412	7 7 10	02-34-27.6	40.47N	78.93E	22			3.6					3.8	6	新疆自治区南部 (321)Southern Xinjiang Province
413	7 7 13	05-36-27.6	37.54N	105.60E	10	4.2	4.1	4.3		4.2		4.3	2.0	44	中国北部 (323)Northern China
414	7 7 14	06-59-13.6	45.87N	151.31E	37	4.4	4.4			5.3	4.5	5.4	0.9	222	千岛群岛 (221)Kurile Islands
415	7 7 21	13-40-16.1	24.67N	123.15E	29			3.7		4.4		4.8	3.1	20	台湾地区 (243)Taiwan region
416	7 7 23	15-34-23.0	23.27N	119.78E	5		3.4	3.6					2.3	10	台湾地区 (243)Taiwan region
417	7 8 01	17-11-22.1	0.90N	120.02E	38		3.9			5.1	3.9	5.0	1.4	62	米那哈沙半岛(西里伯斯) (265)Minahassa Peninsula (Celebes)
418	7 8 07	23-56-45.4	40.11N	78.96E	20			3.4					4.3	6	新疆自治区南部 (321)Southern Xinjiang Province
419	8 8 09	01-41-59.8	7.24N	93.43E	52	4.7	4.4		5.8	5.3		5.0	1.1	164	尼科巴群岛地区 (704)Nicobar Islands region
420	8 8 11	03-07-54.4	26.93N	127.47E	112					5.0		5.0	1.2	123	琉球群岛 (238)Ryukyu Islands
421	8 8 17	09-02-17.6	60.89N	167.04E	11	5.1	4.7			5.2	4.5	5.3	1.1	203	西伯利亚东部 (671)Eastern Siberia
422	8 8 19	11-36-27.3	60.94N	166.98E	13	6.9	6.6		6.6	6.2	6.6	6.4	1.2	545	西伯利亚东部 (671)Eastern Siberia
423	8 8 19	11-41-01.7	61.10N	167.00E	10	5.9				5.6	5.3	5.6	0.8	51	西伯利亚东部 (671)Eastern Siberia
424	8 8 19	11-54-56.8	60.88N	167.04E	10	6.6	6.1			5.7		5.9	1.0	418	西伯利亚东部 (671)Eastern Siberia
425	8 8 19	11-58-12.4	60.80N	166.97E	11					5.6		5.7	1.6	83	西伯利亚东部 (671)Eastern Siberia
426	8 8 20	12-05-24.0	24.48S	69.89W	50		5.0			5.5		5.5	1.3	141	智利北部海岸近海 (122)Near coast of Northern Chile
427	8 8 20	12-11-03.4	60.94N	166.99E	12					5.1		5.1	1.4	71	西伯利亚东部 (671)Eastern Siberia
428	8 8 21	13-16-45.9	61.18N	166.57E	10	5.1	5.0			4.8	5.0	4.9	1.2	47	西伯利亚东部 (671)Eastern Siberia
429	8 8 22	14-59-51.9	40.72N	86.44E	15			3.6					3.3	6	新疆自治区南部 (321)Southern Xinjiang Province
430	8 9 00	16-05-00.1	15.53N	119.22E	40	4.8	4.4		5.3	5.0		5.1	1.4	92	菲律宾群岛地区 (248)Philippine Islands region
431	8 9 05	21-06-25.9	23.11N	101.07E	31			3.8		4.2			2.7	13	缅甸——中国边境地区 (297)Burma-China border region
432	8 9 05	21-14-32.2	60.97N	167.27E	11	5.0	4.5			5.2	4.4	5.4	0.8	206	西伯利亚东部 (671)Eastern Siberia
433	9 9 08	00-56-47.2	60.14N	169.82E	10					4.9		5.0	1.4	18	西伯利亚东部 (671)Eastern Siberia
434	9 9 09	01-01-22.1	54.79S	131.52W	9	5.8	5.7		6.3	5.7	5.8	5.7	1.5	110	南太平洋海山 (691)South Pacific Cordillera
435	9 9 12	04-19-00.8	13.43N	145.54E	60	4.9	4.9		5.4	5.1	4.8	5.1	1.3	159	马里亚纳群岛以南地区 (210)South of the Marianas

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436	9	22–15–37.9	23.67N	120.49E	5			3.7					2.5	9	台湾地区	
	10	06													(243)Taiwan region	
437	10	00–59–46.7	21.83S	179.29W	615					5.3		5.4	0.9	287	斐济以南地区	
	10	08													(171)South of Fiji	
438	10	03–53–43.4	3.75S	144.42E	26	5.4	5.2		5.6	5.1	5.2	5.1	1.3	165	新几内亚	
	10	11													(202)New Guinea	
439	10	04–00–32.0	3.88S	144.44E	63	5.2	5.0			5.0		5.0	2.1	51	新几内亚	
	10	12													(202)New Guinea	
440	10	12–26–44.4	60.99N	167.24E	10	5.1	4.9			5.1	4.7	5.2	1.0	188	西伯利亚东部	
	10	20													(671)Eastern Siberia	
441	10	12–28–26.7	4.65N	76.62W	89	6.1	5.8			4.9		5.0	1.3	144	哥伦比亚西海岸近海	
	10	20													(102)Near west coast of Colombia	
442	10	12–47–29.3	39.76N	75.44E	18			4.5		4.1		4.1	3.1	24	新疆自治区南部	
	10	20													(321)Southern Xinjiang Province	
443	10	14–42–06.4	6.46S	129.88E	137					5.1		5.0	1.1	25	班达海	
	10	22													(280)Banda Sea	
444	10	16–47–14.9	34.03N	99.85E	13	4.6	4.3	4.4		4.2			2.3	61	青海省	
	11	00													(325)Qinghai Province	
445	11	00–23–33.8	17.70S	172.35W	33		4.9			5.1	4.9	5.1	1.4	85	汤加地区	
	11	08													(174)Tonga region	
446	11	01–44–56.5	9.45S	115.68E	33					5.3		5.4	1.7	23	巴厘以南地区	
	11	09													(284)South of Bali	
447	11	03–03–52.0	35.65N	78.86E	4			4.1					2.8	11	克什米尔东部	
	11	11													(302)Eastern Kashmir	
448	11	06–28–44.0	8.98S	157.39E	27		4.8			5.4	4.7	5.4	1.2	126	所罗门群岛	
	11	14													(193)Solomon Islands	
449	11	18–33–43.1	37.05N	31.02E	116					5.1		5.1	1.1	352	土耳其	
	12	02													(366)Turkey	
450	11	21–15–55.2	51.08S	29.27E	10	6.3	6.2		6.5	5.8	6.3	5.8	1.3	259	非洲以南地区	
	12	05													(430)South of Africa	
451	11	21–41–44.4	22.87N	99.35E	15			3.6					3.0	9	缅甸——中国边境地区	
	12	05													(297)Burma–China border region	
452	12	06–04–04.2	23.24N	120.08E	16	5.8	5.4		5.6	5.5	5.2	5.6	1.3	294	台湾地区	
	12	14													(243)Taiwan region	
453	12	06–54–21.4	23.21N	120.06E	7	4.0		4.3		3.9		3.5	2.6	28	台湾地区	
	12	14													(243)Taiwan region	
454	12	07–05–46.6	23.23N	119.74E	4			3.6					3.3	8	台湾地区	
	12	15													(243)Taiwan region	
455	12	07–23–10.0	22.33N	120.25E	10			3.9					4.2	7	台湾地区	
	12	15													(243)Taiwan region	
456	12	08–32–38.8	23.19N	120.09E	16	3.8	3.6	4.0		3.4		3.5	2.2	13	台湾地区	
	12	16													(243)Taiwan region	
457	12	11–22–12.3	23.20N	119.99E	10	3.8	3.6	4.3		3.5		3.6	2.0	33	台湾地区	
	12	19													(243)Taiwan region	
458	12	13–43–11.4	40.37N	79.24E	9			3.7					4.0	5	新疆自治区南部	
	12	21													(321)Southern Xinjiang Province	
459	12	19–16–47.3	23.11N	120.16E	9	4.3	4.1	4.8		3.8		3.9	2.3	48	台湾地区	
	13	03													(243)Taiwan region	
460	12	19–43–25.1	60.86N	167.02E	33	5.2	4.8			5.2	4.5	5.3	1.1	228	西伯利亚东部	
	13	03													(671)Eastern Siberia	
461	12	19–46–12.5	23.45N	119.89E	5	4.4	4.0	4.7		3.8			2.0	32	台湾地区	
	13	03													(243)Taiwan region	

462	12 13	20–13–53.9 04	23.15N	119.74E	6			3.6				3.7		5	台湾地区 (243)Taiwan region
463	13 13	14–20–04.8 22	4.99N	125.52E	204				5.0		5.1	1.2		132	塔劳群岛 (263)Talaud Islands
464	13 13	15–53–06.1 23	60.82N	166.93E	33	4.7	4.5		5.0		5.1	0.8		142	西伯利亚东部 (671)Eastern Siberia
465	13 14	16–31–18.6 00	37.99N	121.19E	30	3.7	3.6	4.3	4.4		4.0	1.7		50	中国东北部 (658)North–Eastern China
466	13 14	18–30–23.5 02	23.87N	119.54E	5			3.4				1.2		6	台湾地区 (243)Taiwan region
467	13 14	19–48–28.9 03	59.72S	26.56W	33				5.8		5.8	1.5		112	南桑德韦奇群岛地区 (153)South Sandwich Islands region
468	13 14	20–34–35.1 04	37.99N	121.28E	14	3.8	3.5	4.2	4.2			2.3		33	中国东北部 (658)North–Eastern China
469	13 14	23–54–16.7 07	42.08N	85.56E	15			3.5				2.1		7	新疆自治区南部 (321)Southern Xinjiang Province
470	14 14	15–57–51.5 23	51.86N	175.31W	38	5.3	5.1		5.8	5.4	5.1	5.5	0.9	321	安德烈亚诺夫群岛 (7)Andreanof Islands
471	14 15	16–53–24.8 00	40.49N	78.90E	20			3.2				3.0		6	新疆自治区南部 (321)Southern Xinjiang Province
472	14 15	17–09–45.2 01	39.67N	73.94E	33	4.4	4.1	4.8	4.9		5.0	1.3		126	塔吉克——新疆边境地区 (719)Tadzhikistan–Xinjiang border region
473	14 15	17–16–35.4 01	22.17N	100.01E	29			3.4				3.3		5	缅甸——中国边境地区 (297)Burma–China border region
474	15 15	00–01–34.0 08	35.39N	140.27E	70				4.8		5.0	1.4		102	本州南海岸近海 (230)Near south coast of Honshu
475	15 15	02–15–41.9 10	40.54N	79.07E	29			3.2				3.5		6	新疆自治区南部 (321)Southern Xinjiang Province
476	15 15	03–10–34.1 11	2.05N	129.63E	27				4.9		5.0	1.5		26	查伊洛洛贾洛洛(哈马黑拉)岛 (267)Djailolo Gilolo (Halmahera)
477	15 15	03–24–08.4 11	34.35N	26.38E	6		4.6		5.4	5.2	4.4	5.2	1.3	374	地中海东部 (371)Eastern Mediterranean Sea
478	15 15	04–28–19.7 12	27.99N	88.36E	28			3.6		4.3		2.3		19	尼泊尔 (310)Nepal
479	15 15	07–56–49.2 15	24.00N	120.30E	3			3.5				2.5		8	台湾地区 (243)Taiwan region
480	15 15	15–06–37.4 23	23.48N	119.60E	5			3.9		3.9		2.6		18	台湾地区 (243)Taiwan region
481	15 16	18–51–00.1 02	29.10S	68.73W	114					5.5		5.5	1.3	206	智利——阿根廷边境地区 (127)Chile–Argentina border region
482	15 16	21–52–03.4 05	17.84S	172.94W	77	5.3	5.1		6.0	5.3		5.4	1.6	171	汤加 (173)Tonga
483	16 16	02–09–59.0 10	1.99N	127.41E	94					5.1		5.2	1.0	98	马鲁古海峡 (266)Molucca Passage
484	16 16	02–33–32.1 10	24.00N	97.88E	26			3.8				1.7		6	缅甸——中国边境地区 (297)Burma–China border region
485	16 16	03–06–49.8 11	40.49N	79.23E	19			3.8				2.8		8	新疆自治区南部 (321)Southern Xinjiang Province
486	16 16	06–02–11.1 14	10.26N	85.14W	34	6.7	6.3		6.3	5.2	6.3	5.3	1.6	346	哥斯达黎加海岸远海 (77)Off coast of Costa Rica
487	16 17	19–32–26.5 03	24.76N	121.84E	89	4.3				4.6		4.6	1.4	96	台湾岛 (244)Taiwan

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488	17 17	04–37–04.5	23.16N	120.05E	9	4.8	4.5	5.3	5.0	4.6	4.3	2.1	80	台湾地区 (243)Taiwan region
489	17 17	06–26–51.3	60.90N	166.93E	34	5.0	4.6		5.7	5.1	5.2	0.8	212	西伯利亚东部 (671)Eastern Siberia
490	17 17	07–54–39.0	3.63S	128.34E	80					5.1	5.2	1.2	43	班达海 (280)Banda Sea
491	17 18	18–06–24.8	6.72S	146.93E	118					4.8	5.1	0.9	45	新几内亚东部地区 (207)Eastern New Guinea region
492	17 18	21–01–33.6	22.41N	121.60E	18			3.9		4.3		1.8	10	台湾地区 (243)Taiwan region
493	18 18	05–36–25.1	22.32N	120.78E	20			4.0				2.4	6	台湾地区 (243)Taiwan region
494	18 18	06–57–25.1	39.96N	77.87E	33			4.0				3.3	10	新疆自治区南部 (321)Southern Xinjiang Province
495	18 18	15–17–47.6	34.49N	85.97E	25	4.0	3.7			4.4	4.0	2.1	21	西藏自治区 (306)Tibet
496	19 19	02–07–18.0	42.98N	127.28E	11			3.3				3.3	7	中国东北部 (658)North–Eastern China
497	19 19	12–09–24.2	34.82N	26.32E	22	5.5	5.4		5.8	5.4	5.4	5.4	1.3	442 克里特岛 (370)Crete
498	20 20	12–31–04.8	29.92N	99.40E	21	3.9		3.3				2.5	10	西藏自治区 (306)Tibet
499	20 20	13–08–57.6	5.76S	80.91W	34	6.1	5.5		5.9	5.2	5.5	5.3	1.4	168 秘鲁北部海岸近海 (109)Near coast of Northern Peru
500	20 20	14–07–16.2	51.44N	178.52W	32	5.2	5.1			5.0	5.0	5.1	1.1	126 安德烈亚诺夫群岛 (7)Andreanof Islands
501	20 21	17–36–12.4	7.30S	128.47E	174					5.1		5.0	1.0	77 班达海 (280)Banda Sea
502	20 21	17–43–17.9	38.08N	73.32E	130					4.8		4.8	1.4	30 塔吉克 (715)Tadzhikistan
503	20 21	21–19–49.6	39.50N	118.47E	16			3.3				1.7	17	中国东北部 (658)North–Eastern China
504	21 21	05–04–43.2	62.88N	149.61W	86		3.9			5.2		5.0	1.2	196 中阿拉斯加 (1)Central Alaska
505	21 21	05–53–11.7	9.66S	79.73W	22	6.3	6.0		6.1	5.3	5.9	5.4	1.5	219 秘鲁海岸远海 (114)Off coast of Peru
506	21 21	10–18–30.9	55.07N	152.96W	38		3.8			4.9	3.8	5.0	0.9	145 阿拉斯加以南地区 (17)South of Alaska
507	21 21	15–02–17.4	32.89N	86.85E	28					4.4		4.6	0.9	12 西藏自治区 (306)Tibet
508	21 22	17–22–39.2	21.62N	121.87E	24	4.2	4.1	4.0		4.2	3.8	4.1	2.3	54 台湾地区 (243)Taiwan region
509	21 22	18–27–35.8	11.65S	166.55E	32	5.4	5.3		5.7	5.5	5.4	5.5	1.1	134 圣克鲁斯群岛 (184)Santa Cruz Islands
510	21 22	20–08–01.1	20.84S	177.91W	528				5.3	5.1		5.2	0.9	267 斐济地区 (181)Fiji region
511	21 22	20–53–34.1	38.48N	112.69E	9			3.2				2.4	14	中国东北部 (658)North–Eastern China
512	22 22	03–29–32.7	1.15N	122.57E	33		4.5			5.0	4.5	5.1	1.0	50 米那哈沙半岛(西里伯斯) (265)Minahassa Peninsula (Celebes)
513	22 23	23–43–20.0	37.56N	75.04E	28			3.7		4.3		4.3	2.1	23 塔吉克——新疆边境地区 (719)Tadzhikistan–Xinjiang border region

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514	23 23	00–36–44.4 08	36.42N	70.67E	213				5.6	5.1		5.0	1.1	258	兴都库什地区 (718)Hindu Kush region
515	23 23	05–47–00.9 13	31.51N	90.83E	27	4.0	3.5	3.5		4.0		4.1	1.9	26	西藏自治区 (306)Tibet
516	23 23	08–40–59.7 16	33.90N	38.98W	10		5.0			5.0	5.0	5.0	0.9	116	北大西洋海岭 (403)North Atlantic Ridge
517	23 23	10–04–54.9 18	12.21S	166.94E	214					5.1		5.0	0.8	150	圣克鲁斯群岛 (184)Santa Cruz Islands
518	23 23	12–22–43.1 20	7.18S	129.38E	94					5.2		5.1	1.6	46	班达海 (280)Banda Sea
519	23 23	15–58–54.4 23	23.74N	123.08E	7	3.7	3.4	3.8		4.1		4.2	2.3	21	台湾地区 (243)Taiwan region
520	23 24	19–40–14.4 03	48.78N	82.83E	20			3.9					3.1	8	哈萨克东部 (329)Eastern Kazakhstan
521	23 24	20–04–27.7 04	0.44N	126.04E	55	5.3	4.5			5.0		5.0	1.1	114	马鲁古海 (269)Molucca Sea
522	23 24	20–33–34.5 04	34.24N	79.66E	35					4.5		4.5	1.3	24	克什米尔——西藏边境地区 (304)Kashmir–Tibet border region
523	23 24	20–38–49.2 04	48.34N	154.84E	42	5.2	5.0		5.6	5.3	5.0	5.4	0.9	287	千岛群岛 (221)Kurile Islands
524	24 24	02–45–04.7 10	29.98N	101.42E	10			3.7					2.3	18	四川省 (307)Sichuan Province
525	24 24	03–31–13.8 11	23.31N	123.38E	32	4.2	3.6	3.8		4.3		4.2	1.6	20	台湾地区 (243)Taiwan region
526	24 24	04–14–56.1 12	46.11N	90.22E	29	4.2	4.0	4.6		4.0		4.2	2.7	26	新疆自治区北部 (332)Northern Xinjiang Province
527	24 24	06–39–21.6 14	16.80S	177.33E	12		5.0		5.6	5.2	5.1	5.2	1.6	134	斐济地区 (181)Fiji region
528	24 24	13–01–48.3 21	5.66N	126.12E	136				5.1	5.1		5.1	1.2	106	棉兰老岛 (259)Mindanao
529	25 25	00–20–31.3 08	19.05S	176.81W	335					4.9		5.1	1.0	178	斐济地区 (181)Fiji region
530	25 25	15–24–17.9 23	2.93S	128.03E	33	4.9	4.9		5.5	5.2	4.9	5.4	1.3	151	斯兰岛 (272)Seram
531	25 26	18–02–40.8 02	39.93N	113.89E	11	5.9	5.5	5.8	5.3	5.0	5.5	5.1	1.5	175	中国东北部 (658)North–Eastern China
532	25 26	19–19–49.5 03	39.62N	113.95E	23			3.1					3.0	9	中国东北部 (658)North–Eastern China
533	25 26	20–01–30.6 04	39.95N	113.84E	10			3.9					2.1	23	中国东北部 (658)North–Eastern China
534	25 26	20–23–15.0 04	39.90N	113.91E	9			3.2					1.4	7	中国东北部 (658)North–Eastern China
535	25 26	20–55–44.8 04	39.96N	113.91E	9			3.4					1.9	12	中国东北部 (658)North–Eastern China
536	25 26	23–38–57.7 07	24.25N	124.02E	40			3.2		3.8		3.9	2.1	11	琉球群岛西南部 (246)South–western Ryukyu Islands
537	26 26	00–25–41.3 08	39.81N	113.80E	10			3.4					2.8	13	中国东北部 (658)North–Eastern China
538	26 26	03–58–22.4 11	21.75N	121.77E	16	6.5	6.3		6.2	5.7	6.3	5.8	1.3	340	台湾地区 (243)Taiwan region
539	26 26	04–38–09.6 12	21.91N	121.86E	9			3.8		4.1		4.1	2.4	19	台湾地区 (243)Taiwan region

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540	26 26	06-19-27.8	21.69N	121.83E	19	5.5	5.2	5.0	5.5	5.2	5.1	5.2	1.3	180	台湾地区 (243)Taiwan region
541	26 26	06-34-41.3	21.58N	121.87E	9		4.9	4.0		4.4		4.2	1.8	47	台湾地区 (243)Taiwan region
542	26 26	06-37-45.8	21.63N	121.84E	11		3.9	4.1		4.5	3.9	4.4	1.7	38	台湾地区 (243)Taiwan region
543	26 26	10-24-23.5	21.86N	121.65E	10	5.4	5.3	4.8	5.7	5.2	5.5	5.3	1.5	199	台湾地区 (243)Taiwan region
544	26 26	10-57-11.1	21.79N	121.74E	8	4.4	4.1	4.0		4.4		4.2	1.9	50	台湾地区 (243)Taiwan region
545	26 26	11-01-48.2	21.81N	122.01E	29			3.7		3.9		3.9	3.0	19	台湾地区 (243)Taiwan region
546	26 26	12-34-58.0	19.76N	70.30W	34	6.2	5.9		5.7	5.4	5.9	5.5	1.4	326	多米尼加共和国地区 (88)Dominican Republic region
547	26 26	12-40-34.3	21.63N	121.89E	8	4.2	4.4	3.7		4.0	3.7	4.2	2.4	36	台湾地区 (243)Taiwan region
548	26 26	13-43-48.6	21.61N	121.89E	10	4.6	4.6	4.1		4.5	4.8	4.3	1.8	72	台湾地区 (243)Taiwan region
549	26 26	14-20-29.6	22.15N	121.70E	12			3.5		4.0	4.0	4.4	2.4	21	台湾地区 (243)Taiwan region
550	26 26	14-28-51.2	43.65N	88.52E	15			3.2					2.8	7	新疆自治区北部 (332)Northern Xinjiang Province
551	26 27	18-30-19.3	21.85N	121.77E	11	4.8	4.8	4.2	5.2	4.7	4.8	4.6	1.9	91	台湾地区 (243)Taiwan region
552	26 27	19-00-19.8	5.40S	146.79E	237				5.5	5.4		5.5	0.9	270	新几内亚东部地区 (207)Eastern New Guinea region
553	26 27	19-24-40.2	9.76N	126.23E	45	4.3	4.2			4.9	4.1	5.0	1.4	98	棉兰老岛 (259)Mindanao
554	27 27	05-09-21.6	39.87N	113.92E	8			3.2					2.4	13	中国东北部 (658)North-Eastern China
555	27 27	05-11-49.1	39.96N	113.80E	8			3.3					1.8	12	中国东北部 (658)North-Eastern China
556	27 27	06-37-18.8	21.84N	121.92E	11	4.0	3.9	3.8		4.0		4.1	2.4	23	台湾地区 (243)Taiwan region
557	27 27	08-05-10.6	21.73N	122.14E	9	4.0	3.8	3.9		3.9	3.7	3.9	2.6	29	台湾地区 (243)Taiwan region
558	27 27	09-14-48.2	12.55N	123.66E	35	5.0	4.8		5.3	4.9	5.1	5.0	1.8	94	吕宋岛 (249)Luzon
559	27 27	15-02-21.5	45.79S	95.91E	10	5.8	4.9			4.5	5.0	4.7	1.4	26	东南印度洋海岭 (435)South-East Indian Ridge
560	27 28	21-40-01.8	25.22N	97.51E	22			3.5					3.7	7	缅甸——中国边境地区 (297)Burma-China border region
561	27 28	22-07-59.5	25.23N	97.61E	20	4.4	3.9	4.4		4.4			2.4	34	缅甸——中国边境地区 (297)Burma-China border region
562	27 28	23-58-32.7	39.88N	113.96E	14			3.1					2.2	6	中国东北部 (658)North-Eastern China
563	28 28	03-17-22.0	60.66S	26.18W	32					5.0		5.0	1.3	28	南桑德韦奇群岛地区 (153)South Sandwich Islands region
564	28 28	07-22-36.5	18.25S	167.96E	29	5.3	5.1		5.8	5.2	5.2	5.2	1.6	173	瓦努阿图(新赫布里底) (186)Vanuatu (New Hebrides)
565	28 28	07-58-30.9	18.15S	167.93E	19					4.8	5.3	4.6	1.4	46	瓦努阿图(新赫布里底) (186)Vanuatu (New Hebrides)

566	28	13–07–46.0	39.92N	113.99E	6			3.0					1.9	9	中国东北部
	28	21													(658)North–Eastern China
567	28	13–51–27.9	39.89N	113.94E	10			3.1					2.0	13	中国东北部
	28	21													(658)North–Eastern China
568	28	20–29–26.2	21.49N	121.75E	5			3.7		3.6	4.0		2.6	11	菲律宾群岛地区
	29	04													(248)Philippine Islands region
569	28	21–21–22.2	46.83N	152.56E	41		4.4		5.0	4.4	5.0		1.1	131	千岛群岛
	29	05													(221)Kurile Islands
570	29	02–20–11.3	40.71N	122.67E	15			3.1					2.8	8	中国东北部
	29	10													(658)North–Eastern China
571	29	09–06–06.3	5.27N	32.68E	10	5.2	4.9		5.7	5.3	4.9	5.5	1.1	172	苏丹
	29	17													(557)Sudan
572	29	09–09–55.4	25.27N	124.24E	146					4.3		4.1	1.5	40	琉球群岛西南部
	29	17													(246)South–western Ryukyu Islands
573	29	13–27–51.4	60.80N	166.90E	34	5.1	4.7			5.0	4.4	5.1	0.9	132	西伯利亚东部
	29	21													(671)Eastern Siberia
574	29	17–32–31.3	40.44N	79.17E	23			4.2					2.7	14	新疆自治区南部
	30	01													(321)Southern Xinjiang Province
575	29	18–00–54.6	44.65N	81.15E	8			3.5					2.8	7	哈萨克——新疆边境地区
	30	02													(331)Kazakhstan–Xinjiang border region
576	29	18–11–24.4	23.98N	121.44E	12			3.5		4.0		3.7	1.7	14	台湾岛
	30	02													(244)Taiwan
577	29	20–13–48.0	3.93S	80.92W	35		5.2		5.6	5.1	4.9	5.2	1.4	181	秘鲁北部海岸近海
	30	04													(109)Near coast of Northern Peru
578	30	07–37–51.7	16.06S	174.81W	20	5.4	5.1			5.0	5.2	5.1	1.5	71	汤加
	30	15													(173)Tonga
579	30	21–41–26.6	23.24S	69.14W	77					5.1		5.1	1.3	82	智利北部
	31	05													(123)Northern Chile
580	31	05–26–39.1	24.38N	123.94E	24	4.2	4.1	4.0		4.5		4.6	1.8	46	琉球群岛西南部
	31	13													(246)South–western Ryukyu Islands
581	31	05–58–25.7	23.69N	121.79E	18			3.8		4.2		3.8	1.8	13	台湾岛
	31	13													(244)Taiwan
582	31	21–35–24.0	39.98N	113.75E	14			3.8					2.4	21	中国东北部
	1	05													(658)North–Eastern China
583	31	22–39–10.7	16.59S	172.67W	34	5.3	5.0		5.8	5.1	5.0	5.2	1.4	99	汤加
	1	06													(173)Tonga

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584	1	01–59–04.6	16.50S	172.60W	33	5.6	5.0		5.7	5.3	5.0	5.3	1.4	151	汤加
	1	09													(173)Tonga
585	1	03–53–04.1	15.74N	95.69E	16	6.6	6.2		5.7	5.3	6.1	5.4	1.3	253	南缅甸
	1	11													(298)South Burma
586	1	04–33–30.5	49.06N	122.77E	9			3.3					3.5	8	中国东北部
	1	12													(658)North–Eastern China
587	1	05–25–27.0	4.89S	152.05E	89	6.0	5.6		6.1	5.9		6.0	1.1	380	新不列颠地区
	1	13													(192)New Britain region
588	1	05–45–20.2	15.79N	95.65E	13	5.9	5.6		5.8	5.3	5.4	5.4	1.3	209	南缅甸
	1	13													(298)South Burma
589	1	07–34–45.3	16.20N	98.25W	19	6.0	5.5		6.0	5.3	5.4	5.5	1.1	213	墨西哥格雷罗海岸远海
	1	15													(65)Off coast of Guerrero, Mexico
590	1	10–47–08.4	33.09N	120.97E	25	3.8		3.8					1.6	17	中国东部
	1	18													(664)Eastern China

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591	1	16-51-36.2	41.87N	78.82E	15			3.1				3.3	7	吉尔吉斯——新疆边境地区	
	2	00												(320)Kirgiziya-Xinjiang border region	
592	1	16-54-27.9	6.06S	147.65E	69	5.1	4.9		5.4		5.5	1.4	107	新几内亚东部地区	
	2	00												(207)Eastern New Guinea region	
593	1	20-53-28.8	36.16N	100.10E	17			3.6				2.6	9	青海省	
	2	04												(325)Qinghai Province	
594	2	06-21-32.7	31.14S	177.84W	40		4.8		5.1	4.7	5.1	1.7	51	克马德克群岛地区	
	2	14												(177)Kermadec Islands region	
595	2	08-21-43.9	23.08N	121.20E	17	4.4	4.4	4.4	4.6			1.6	58	台湾岛	
	2	16												(244)Taiwan	
596	2	10-02-32.4	43.69N	115.82E	7			3.4				2.0	7	中国东北部	
	2	18												(658)North-Eastern China	
597	2	18-00-12.1	39.55N	80.52E	10	4.8	4.1	4.8	5.1	4.1	5.2	1.0	186	新疆自治区南部	
	3	02												(321)Southern Xinjiang Province	
598	2	21-50-03.8	23.90N	122.01E	8			3.5				2.3	7	台湾岛	
	3	05												(244)Taiwan	
599	3	02-59-22.4	1.86S	135.69E	32	4.9	4.5		5.0	4.6	5.1	1.6	70	西伊里安地区	
	3	10												(196)West Irian region	
600	3	09-39-11.3	42.07N	87.53E	24			3.6				2.0	8	新疆自治区南部	
	3	17												(321)Southern Xinjiang Province	
601	3	11-08-35.4	22.93N	121.55E	11			3.8	4.5			2.3	10	台湾地区	
	3	19												(243)Taiwan region	
602	4	03-19-48.1	6.61S	147.90E	76		4.7		5.0		5.0	1.4	48	新几内亚东部地区	
	4	11												(207)Eastern New Guinea region	
603	4	03-22-57.5	7.05N	78.13W	32	6.3	5.9	6.3	6.1	5.8	6.1	1.2	512	巴拿马以南地区	
	4	11												(83)South of Panama	
604	4	15-10-08.0	55.70S	124.33W	9		5.3		5.2	5.3	5.3	1.6	60	复活节岛海山	
	4	23												(684)Easter Island Cordillera	
605	4	15-23-20.1	6.02S	77.12W	19	6.6	6.3	6.2	5.9	6.3	6.0	1.2	405	秘鲁北部	
	4	23												(111)Northern Peru	
606	4	16-08-18.6	5.95S	77.06W	27				5.1		5.2	1.5	136	秘鲁北部	
	5	00												(111)Northern Peru	
607	4	18-27-39.9	37.00N	73.12E	22			3.8	4.1		4.0	2.3	30	阿富汗——苏联边境地区	
	5	02												(717)Afghanistan-USSR border region	
608	4	18-59-58.8	37.40N	116.30W	1		4.1		5.5	4.2	5.6	1.3	217	加利福尼亚州——内华达州边境地区	
	5	02												(40)California-Nevada border region	
609	4	22-19-51.3	23.64N	121.75E	9			3.7	3.8		3.7	2.1	14	台湾岛	
	5	06												(244)Taiwan	
610	5	01-36-50.5	24.59N	117.44E	18			3.5				2.6	8	中国东南沿海	
	5	09												(242)Near south-eastern coast of China	
611	5	04-19-48.9	5.95S	77.06W	18	7.4	7.0	6.8	6.3	6.8	6.5	1.2	587	秘鲁北部	
	5	12												(111)Northern Peru	
612	5	05-01-10.1	5.74S	77.33W	23				5.4		5.5	1.2	193	秘鲁北部	
	5	13												(111)Northern Peru	
613	5	09-15-28.5	29.16N	51.39E	39	5.0	4.7		5.1	4.6	5.1	1.1	107	波斯湾	
	5	17												(352)Persian Gulf	
614	5	09-52-07.2	28.96N	102.37E	9			3.5				3.1	5	四川省	
	5	17												(307)Sichuan Province	
615	5	11-52-10.2	6.84N	95.17E	231				5.2		5.2	1.3	96	尼科巴群岛地区	
	5	19												(704)Nicobar Islands region	
616	5	15-50-47.1	14.17S	75.46W	47	6.2	6.0	5.9	5.6	5.8	5.7	1.7	299	秘鲁海岸近海	
	5	23												(115)Near coast of Peru	

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617	5 6	17–13–57.1	6.07S	77.00W	40		5.1		5.2		5.2	1.6	128	秘鲁北部 (111)Northern Peru
618	5 6	18–34–52.3	54.56S	132.51W	10	5.9	5.5		5.1	5.5	5.2	1.7	53	南太平洋海山 (691)South Pacific Cordillera
619	5 6	20–29–46.8	1.82S	138.82E	33				4.8		5.0	1.1	62	西伊里安 (201)West Irian
620	6 6	04–48–47.6	24.16S	179.97E	557				5.4		5.4	1.0	240	斐济以南地区 (171)South of Fiji
621	6 6	06–14–23.1	6.04S	147.64E	78				5.2		5.2	1.2	74	新几内亚东部地区 (207)Eastern New Guinea region
622	6 6	14–21–46.5	6.02S	76.99W	31		5.1		5.1		5.1	1.5	101	秘鲁北部 (111)Northern Peru
623	6 6	14–34–20.5	14.95S	175.50W	16	6.7	6.7	6.2	5.7	6.7	5.8	1.3	281	斐济地区 (181)Fiji region
624	6 6	14–48–30.3	5.93S	77.61W	9				4.6		5.0	2.2	16	秘鲁北部 (111)Northern Peru
625	6 7	19–45–56.8	40.09N	77.84E	21		3.5				3.6		9	新疆自治区南部 (321)Southern Xinjiang Province
626	7 7	01–56–48.2	34.05N	122.81E	26		3.4				2.5		7	黄海 (665)Yellow Sea
627	7 7	09–39–36.1	16.33N	97.43W	23		4.5		5.1	4.5	5.2	1.1	130	墨西哥瓦哈卡海岸近海 (66)Near coast of Oaxaca, Mexico
628	7 7	13–09–03.2	7.06S	80.63W	27		4.4		4.8	4.6	5.0	1.5	83	秘鲁北部海岸远海 (108)Off coast of Northern Peru
629	7 7	15–05–02.8	24.52N	121.81E	26		3.3				2.5		8	台湾岛 (244)Taiwan
630	7 8	18–55–19.2	3.06S	130.40E	29	5.5	5.2		5.8	5.5	5.4	5.6	1.4	205 斯兰岛 (272)Seram
631	7 8	23–16–26.7	5.95S	77.10W	29		4.2			4.9	5.0	1.4	91	秘鲁北部 (111)Northern Peru
632	8 8	01–25–26.6	4.11N	127.97E	26	4.4	4.3		5.5	5.5	4.1	5.6	1.2	155 塔劳群岛 (263)Talaud Islands
633	8 8	12–57–08.8	24.45N	120.89E	10			3.4				2.0	7	台湾岛 (244)Taiwan
634	8 8	13–34–03.4	52.48N	157.87E	144				5.6	5.7		5.6	1.0	495 堪察加东海岸近海 (218)Near east coast of Kamchatka
635	9 9	06–02–24.4	9.74S	74.66W	125				5.7	5.9		5.9	1.2	472 秘鲁 (116)Peru
636	9 9	10–04–09.8	21.58N	121.87E	9	4.3	4.0	4.1	5.1	4.4	4.0	4.5	1.6	69 台湾地区 (243)Taiwan region
637	9 10	22–59–06.2	26.43N	92.96E	15	4.0	3.6			4.5		4.4	1.7	71 印度——孟加拉边境地区 (315)India–Bangladesh border region
638	10 10	01–08–39.0	37.38N	36.24E	10	5.1	4.5		5.4	5.1	4.5	5.2	1.5	316 土耳其 (366)Turkey
639	10 10	12–55–08.0	20.33S	177.74W	522					5.3		5.2	1.1	27 斐济地区 (181)Fiji region
640	11 11	02–24–59.1	47.17N	120.44E	24			3.2				2.1	7	中国东北部 (658)North–Eastern China
641	11 11	08–12–43.9	5.24S	151.70E	54	5.2	5.1		5.6	5.2		5.3	1.4	180 新不列颠地区 (192)New Britain region
642	11 11	10–02–34.4	7.78N	126.53E	81		4.1			5.0		5.0	1.5	85 棉兰老岛 (259)Mindanao

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643	11 11	13–03–32.1	53.68N	163.42W	14	5.0	4.6			5.3	4.6	5.4	0.9	208	乌尼马克岛地区 (10)Unimak Island region
644	11 11	15–32–27.3	12.05N	143.94E	32	3.9	4.3			4.9	4.4	5.0	1.2	54	马里亚纳群岛以南地区 (210)South of the Marianas
645	11 12	17–51–14.6	10.93S	166.83E	17	5.4	5.2		5.9	5.6	5.3	5.6	1.3	204	圣克鲁斯群岛 (184)Santa Cruz Islands
646	11 12	20–32–18.5	27.23N	101.13E	8	5.1	4.7	4.7		4.8			1.8	78	云南省 (318)Yunnan Province
647	11 12	21–25–46.6	27.05N	101.18E	10			3.1					2.6	11	云南省 (318)Yunnan Province
648	12 12	01–53–50.0	0.54S	132.75E	33					5.1		5.3	1.3	72	西伊里安地区 (196)West Irian region
649	12 12	03–50–06.6	5.70S	76.98W	30		4.5			5.2	4.5	5.2	1.4	133	秘鲁北部 (111)Northern Peru
650	12 12	08–41–31.0	13.14N	88.33W	71		3.9			5.0		5.0	1.2	78	中美洲海岸远海 (76)Off coast of Central America
651	12 12	10–21–36.9	23.76N	121.55E	10	3.8		3.6		3.6		3.8	1.9	17	台湾岛 (244)Taiwan
652	12 12	12–24–26.4	40.38N	79.11E	27			3.7					3.1	9	新疆自治区南部 (321)Southern Xinjiang Province
653	12 13	17–00–03.9	5.78S	76.98W	27		4.2			5.0	4.2	5.1	1.6	102	秘鲁北部 (111)Northern Peru
654	13 13	01–09–34.4	24.02N	122.81E	12	3.7	3.5	4.0		4.4		4.3	2.1	27	台湾地区 (243)Taiwan region
655	13 13	01–38–28.8	43.78N	146.42E	73		3.9			4.9		5.0	1.2	163	北海道地区 (224)Hokkaido region
656	13 13	07–46–49.0	20.08S	169.08E	32	5.4	5.3		6.1	5.7	5.4	5.8	1.1	346	洛亚尔提群岛 (188)Loyalty Islands
657	13 13	10–48–08.3	24.37N	123.98E	22	3.9	3.9	4.0		4.6		4.6	1.7	60	琉球群岛西南部 (246)South-western Ryukyu Islands
658	13 13	12–28–07.4	27.23N	101.03E	10	4.1		3.6					2.7	21	云南省 (318)Yunnan Province
659	13 14	19–54–21.0	34.91N	122.00E	24			3.5					1.4	10	黄海 (665)Yellow Sea
660	13 14	23–20–50.9	7.63S	108.06E	60	4.7	4.6			5.0	4.6	5.0	1.6	92	爪哇岛 (277)Java
661	14 14	08–08–55.4	27.15N	127.57E	89	5.8	5.4		6.2	6.1		6.2	1.3	538	琉球群岛 (238)Ryukyu Islands
662	14 15	17–05–58.5	23.34N	121.74E	15			3.3					3.4	5	台湾地区 (243)Taiwan region
663	14 15	18–22–36.2	4.42S	102.74E	110					5.0		5.2	0.8	71	苏门答腊南部 (274)Southern Sumatera
664	14 15	21–00–45.7	40.23N	77.55E	23			4.1					2.8	14	新疆自治区南部 (321)Southern Xinjiang Province
665	14 15	22–26–43.7	40.25N	77.44E	15			3.3					2.7	8	新疆自治区南部 (321)Southern Xinjiang Province
666	15 15	07–33–05.2	30.86N	99.83E	6			3.2					4.5	5	四川省 (307)Sichuan Province
667	15 15	10–48–58.8	36.43N	71.36E	122					5.3	5.3	5.3	1.3	320	兴都库什地区 (718)Hindu Kush region
668	15 15	11–31–23.0	12.47N	142.77E	37	4.9	4.8			5.7	5.4	4.7	5.4	1.5	160 马里亚纳群岛以南地区 (210)South of the Marianas

669	15 16	20–39–47.1	56.19S	26.67W	31				5.1		5.2	2.1	52	南桑德韦奇群岛地区 (153)South Sandwich Islands region	
670	16 16	09–56–06.6	36.37N	71.26E	126				5.1		5.1	1.4	179	兴都库什地区 (718)Hindu Kush region	
671	16 16	11–33–50.2	36.92N	73.01E	17			4.6	4.5		4.5	1.9	51	阿富汗——苏联边境地区 (717)Afghanistan–USSR border region	
672	16 16	14–51–46.9	27.72N	101.01E	13	3.4	3.4	3.3				2.5	16	云南省 (318)Yunnan Province	
673	16 16	14–55–36.1	27.62N	101.13E	8	3.6	3.6	3.5				2.8	16	云南省 (318)Yunnan Province	
674	16 16	15–29–58.8	37.31N	116.40W	2	5.3	4.4		5.4		5.4	1.1	220	加利福尼亚州——内华达州边境地区 (40)California–Nevada border region	
675	17 17	01–55–48.5	40.63N	108.58E	9			3.5				1.8	11	中国北部 (323)Northern China	
676	17 17	03–57–48.1	23.84N	121.06E	5			3.5	4.3			1.6	10	台湾岛 (244)Taiwan	
677	17 17	05–32–09.8	60.78N	166.91E	20	5.2	4.6		5.5	5.2	4.5	5.3	1.0	185	西伯利亚东部 (671)Eastern Siberia
678	17 17	08–04–45.1	30.38N	110.97E	9	3.7		4.0	4.1			2.0	31	中国东部 (664)Eastern China	
679	17 17	08–37–04.5	23.71N	121.27E	5	3.8	3.5	4.1	4.1			2.3	25	台湾岛 (244)Taiwan	
680	17 17	09–14–15.1	12.77N	124.43E	75	4.6	4.0		4.8	5.0		5.3	1.2	47	吕宋岛 (249)Luzon
681	17 17	09–23–52.6	35.13N	111.01E	11	3.6		4.0	4.4			2.2	34	中国东部 (664)Eastern China	
682	17 17	09–26–02.1	60.89N	166.83E	33	5.2	4.8		5.2	5.1	4.5	5.1	1.1	142	西伯利亚东部 (671)Eastern Siberia
683	17 17	14–38–39.5	20.19S	168.81E	31		4.7			5.0	4.7	5.2	1.4	83	洛亚尔提群岛 (188)Loyalty Islands
684	17 17	15–16–32.5	23.66N	102.72E	17	3.7		4.0	4.6			2.0	31	云南省 (318)Yunnan Province	
685	18 18	05–19–28.8	2.71N	128.60E	237				5.2	5.4		5.5	1.1	190	查伊洛洛贾洛洛(哈马黑拉)岛 (267)Djailolo Gilolo (Halmahera)
686	18 18	09–18–30.0	37.54N	68.29E	33	5.6	5.2	5.1	5.9	5.3	5.1	5.4	1.2	248	阿富汗——苏联边境地区 (717)Afghanistan–USSR border region
687	18 18	09–41–19.9	22.89S	179.31W	471				5.9	5.6		5.7	1.0	423	斐济以南地区 (171)South of Fiji
688	18 18	10–40–52.8	60.81N	166.95E	11	5.4	5.0		5.2	5.3	4.9	5.4	1.1	216	西伯利亚东部 (671)Eastern Siberia
689	18 18	10–58–33.7	60.93N	166.85E	35	4.9	4.9			4.9	4.9	5.0	0.9	102	西伯利亚东部 (671)Eastern Siberia
690	18 18	13–16–00.7	3.42N	122.30E	615				5.2		5.3	1.0	137	西里伯斯海 (262)Celebes Sea	
691	18 19	16–44–44.6	39.62N	73.84E	23	4.1	3.9	4.4	4.4			2.0	22	塔吉克——新疆边境地区 (719)Tadzhikistan–Xinjiang border region	
692	18 19	19–53–54.5	60.80N	166.92E	13	4.8	4.5		5.0		5.1	1.2	100	西伯利亚东部 (671)Eastern Siberia	
693	19 19	02–55–06.3	60.93N	166.88E	11	4.8	4.6		4.9		5.0	0.9	115	西伯利亚东部 (671)Eastern Siberia	
694	19 19	04–51–40.0	13.80N	120.83E	172				5.6	5.3		5.1	1.2	161	民都洛岛 (250)Mindoro

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695	19 19	05–27–16.2	12.00N	142.22E	48		4.4			5.2	4.4	5.2	1.1	80	加罗林群岛西部 (209)Western Caroline Islands
696	19 19	05–33–14.8	24.05N	121.67E	10			3.9		4.0			1.9	10	台湾岛 (244)Taiwan
697	19 19	06–39–41.0	16.89N	60.59W	16		4.9			5.3	4.9	5.5	1.0	176	背风群岛 (92)Leeward Islands
698	19 19	11–25–34.4	14.81S	174.95W	20	6.1	5.9		5.8	5.5	6.0	5.6	1.4	205	汤加 (173)Tonga
699	19 19	15–35–18.3	43.54N	127.46W	14		4.5			4.9	4.6	5.0	1.1	181	俄勒冈海岸远海 (30)Off coast of Oregon
700	19 20	18–19–22.0	59.98N	153.39W	144					5.1		5.1	1.1	220	阿拉斯加州南部 (2)Southern Alaska
701	19 20	21–48–35.7	6.84S	129.57E	126				6.2	5.9		5.9	1.2	359	班达海 (280)Banda Sea
702	19 20	23–57–17.5	43.84N	83.81E	16			4.0					1.8	10	新疆自治区北部 (332)Northern Xinjiang Province
703	20 20	01–02–13.0	13.20S	167.16E	241					5.0		5.0	1.3	143	瓦努阿图(新赫布里底) (186)Vanuatu (New Hebrides)
704	20 20	03–07–55.3	38.73N	97.72E	26			3.7					0.9	6	青海省 (325)Qinghai Province
705	20 20	06–39–23.8	24.44N	121.11E	11			3.5					1.3	7	台湾岛 (244)Taiwan
706	20 20	09–48–28.2	41.78N	120.52E	7			3.3					2.8	12	中国东北部 (658)North–Eastern China
707	21 21	01–41–25.8	22.71N	100.52E	10			3.3					3.4	6	缅甸——中国边境地区 (297)Burma–China border region
708	21 21	11–17–46.0	4.35S	143.83E	102				5.6	5.5		5.6	1.1	224	新几内亚 (202)New Guinea
709	21 21	13–03–58.8	22.53N	121.47E	15			3.7		4.2			1.9	9	台湾岛 (244)Taiwan
710	21 22	17–28–06.8	24.97N	123.81E	116					4.4		4.2	1.7	13	琉球群岛西南部 (246)South–western Ryukyu Islands
711	21 22	23–12–22.0	18.19S	46.41E	16	5.5	5.3		5.9	5.7	5.3	5.8	1.0	427	马达加斯加 (583)Madagascar
712	22 22	04–26–33.2	0.99S	127.31E	33					5.1		5.0	0.9	33	马鲁古海 (269)Molucca Sea
713	22 22	12–41–40.6	35.51N	110.59E	27			3.4					3.0	21	中国东部 (664)Eastern China
714	22 23	19–16–01.7	36.64N	72.89E	36			3.9		3.7		3.7	2.4	16	阿富汗——苏联边境地区 (717)Afghanistan–USSR border region
715	22 23	19–18–43.4	11.47S	166.21E	66					5.0		5.1	0.8	18	圣克鲁斯群岛 (184)Santa Cruz Islands
716	22 23	21–56–51.4	9.73N	83.05W	10	8.1	7.7		7.2	6.1	7.6	6.3	1.5	465	哥斯达黎加 (78)Costa Rica
717	22 23	22–19–25.3	9.98N	83.36W	9					5.3		5.4	1.4	119	哥斯达黎加 (78)Costa Rica
718	22 23	22–51–35.0	9.78N	82.48W	12					5.1		5.2	1.5	102	巴拿马——哥斯达黎加边境地区 (80)Panama–Costa Rica border region
719	23 23	01–00–44.1	43.23N	88.47E	19			3.4					1.5	7	新疆自治区北部 (332)Northern Xinjiang Province
720	23 23	02–48–58.4	2.72S	134.44E	10	5.7	5.5		6.0	5.7	5.6	5.8	1.3	182	西伊里安地区 (196)West Irian region

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721	23 23	02–50–22.5	13.04N	123.32E	48	5.2	5.1		5.4	5.2	5.1	5.2	1.4	99	吕宋岛 (249)Luzon
722	23 23	05–37–04.8	9.56N	82.77W	10	5.1	5.3			5.0	5.2	5.1	1.6	145	哥斯达黎加 (78)Costa Rica
723	23 23	06–34–05.0	14.03N	91.63W	60	6.0	5.6		5.8	5.3		5.3	1.6	271	墨西哥恰帕斯海岸远海 (68)Off coast of Chiapas, Mexico
724	23 23	10–13–03.2	35.95N	80.83E	33			3.7					2.8	7	克什米尔——西藏边境地区 (304)Kashmir–Tibet border region
725	23 24	16–51–13.4	40.15N	78.14E	26			3.9					2.7	13	新疆自治区南部 (321)Southern Xinjiang Province
726	24 24	00–32–01.4	42.72N	144.75E	63	4.5	4.7		5.5	5.5		5.5	1.1	357	北海道地区 (224)Hokkaido region
727	24 24	03–11–00.4	28.21N	104.69E	9			3.5					2.6	19	云南省 (318)Yunnan Province
728	24 24	04–57–14.2	9.11N	126.79E	13	6.2	6.0		6.1	5.5	6.0	5.6	1.5	193	棉兰老岛 (259)Mindanao
729	24 24	05–13–09.2	2.59N	79.73W	22		6.2			5.7	6.2	5.8	1.2	290	巴拿马以南地区 (83)South of Panama
730	24 24	10–06–54.6	9.07N	126.76E	32	5.3	5.2		5.7	5.2	5.2	5.4	1.5	143	棉兰老岛 (259)Mindanao
731	24 25	19–11–45.4	31.81N	104.51E	31	3.7	3.6	3.9		4.5		4.7	2.1	31	四川省 (307)Sichuan Province
732	24 25	19–13–01.6	9.78N	83.50W	12	6.6	6.2		6.0	5.5	6.1	5.6	1.5	326	哥斯达黎加 (78)Costa Rica
733	24 25	22–34–48.1	36.38N	113.37E	7	4.1		4.1					2.5	39	中国东部 (664)Eastern China
734	25 25	01–14–48.9	30.03S	177.60W	60		4.5			5.2		5.4	1.2	80	克马德克群岛 (178)Kermadec Islands
735	25 25	10–55–36.3	40.16N	78.25E	23			4.3					2.3	14	新疆自治区南部 (321)Southern Xinjiang Province
736	25 26	18–07–51.3	13.49N	90.68W	22		4.2			4.8	4.3	5.0	1.4	102	中美洲海岸远海 (76)Off coast of Central America
737	25 26	18–35–43.1	25.50S	179.88E	479					5.0		5.1	1.1	85	斐济以南地区 (171)South of Fiji
738	25 26	23–12–18.9	32.98N	104.54E	5	3.3		3.7					2.3	18	四川省 (307)Sichuan Province
739	25 26	23–30–46.4	33.12N	104.69E	19	3.7	4.0	4.0		4.1			3.2	23	四川省 (307)Sichuan Province
740	26 26	00–24–11.3	24.04N	122.58E	31	4.9	4.7	5.0	5.2	4.8	4.7	4.7	1.4	123	台湾地区 (243)Taiwan region
741	26 26	00–45–30.2	46.34N	129.62E	12			3.2					3.0	9	中国东北部 (658)North–Eastern China
742	26 26	06–16–40.6	61.33N	150.29W	61	5.0	4.9			5.3	4.9	5.4	1.0	339	基奈半岛 (14)Kenai Peninsula
743	26 27	16–02–40.3	9.41S	119.72E	31					4.9		5.0	1.3	26	松巴地区 (287)Sumba region
744	26 27	17–36–54.2	7.54N	126.62E	74	4.8	4.5		5.2	5.4		5.5	1.2	229	棉兰老岛 (259)Mindanao
745	26 27	22–24–04.7	39.05N	70.99E	43	5.2	4.9		5.5	5.4	4.9	5.3	1.1	267	阿富汗——苏联边境地区 (717)Afghanistan–USSR border region
746	27 27	00–36–20.6	60.91N	166.90E	33	5.0	4.5			5.0	4.4	5.1	1.0	100	西伯利亚东部 (671)Eastern Siberia

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747	27 27	02–29–36.0	40.29N	112.96E	18			3.9		4.0		4.2	2.0	28	中国东北部
															(658)North–Eastern China
748	27 27	05–42–41.1	10.28N	83.23W	9	5.5	4.9			5.3	4.8	5.3	1.3	171	哥斯达黎加
															(78)Costa Rica
749	27 27	10–04–55.8	29.92N	94.87E	26	4.5	4.3	3.8		4.5			2.2	41	印度——中国边境地区
															(313)India–China border region
750	27 27	12–12–19.9	4.50S	102.82E	107					5.0		5.1	1.1	71	苏门答腊南部
															(274)Southern Sumatera
751	27 28	17–33–48.6	40.43N	79.04E	12			3.3					4.5	6	新疆自治区南部
		01													(321)Southern Xinjiang Province
752	27 28	18–21–08.0	60.84N	166.86E	33	5.7	5.2		5.5	5.4	5.0	5.5	0.9	282	西伯利亚东部
		02													(671)Eastern Siberia
753	27 28	19–27–05.0	5.89S	147.06E	77	4.8	4.4		5.5	5.0		5.0	0.9	109	新几内亚东部地区
		03													(207)Eastern New Guinea region
754	27 28	20–08–28.1	9.23N	126.46E	58	4.5	4.5		5.3	5.3	4.4	5.2	1.4	127	棉兰老岛
		04													(259)Mindanao
755	28 28	03–47–28.9	22.82N	101.00E	14			3.0					1.5	5	缅甸——中国边境地区
		11													(297)Burma–China border region
756	28 28	14–52–16.6	23.96N	121.95E	11	4.1	3.9	4.1		4.2		4.0	2.0	39	台湾岛
		22													(244)Taiwan
757	28 29	17–24–24.0	41.05N	107.45E	17			3.6					2.5	11	中国北部
		01													(323)Northern China
758	29 29	06–54–53.7	20.75S	174.09W	39		4.9		5.6	5.2	4.9	5.2	1.1	90	汤加
		14													(173)Tonga
759	29 29	09–12–47.4	42.49N	43.69E	18	7.1	6.9		6.6	5.9	7.0	6.2	1.2	553	土耳其——苏联边境地区
		17													(367)Turkey–USSR border region
760	29 29	14–43–05.9	42.55N	43.93E	10	5.3	5.0		5.7	5.3	5.1	5.4	1.1	320	高加索西部
		22													(362)Western Caucasus
761	29 30	16–51–27.1	43.57N	132.34E	503				5.0	4.7		4.7	0.9	141	俄罗斯东部——中国东北边境地区
		00													(657)E. Russia–N.E. China border region
762	29 30	18–12–22.6	11.23S	77.66W	56	6.3	5.9		6.1	5.6		5.7	1.3	291	秘鲁海岸远海
		02													(114)Off coast of Peru
763	29 30	18–23–14.8	42.62N	43.76E	10	5.8	5.3		5.5	5.4		5.5	1.3	292	高加索西部
		02													(362)Western Caucasus
764	29 30	18–30–40.8	42.55N	43.91E	15	6.4	6.1		6.3	5.7	6.0	5.9	1.1	400	高加索西部
		02													(362)Western Caucasus
765	29 30	20–32–53.7	42.58N	43.33E	10	5.5	5.1		5.6	5.3	5.0	5.4	1.1	303	高加索西部
		04													(362)Western Caucasus
766	29 30	22–05–57.5	5.66N	125.47E	35	4.8	4.8		5.3	5.1		5.3	1.5	156	棉兰老岛
		06													(259)Mindanao
767	30 30	02–16–32.6	5.96N	82.59W	9	5.9	5.4		5.9	5.4	5.3	5.5	1.4	259	中美洲海岸远海
		10													(76)Off coast of Central America
768	30 30	06–41–12.6	22.28N	121.98E	6			3.5		4.2		4.2	2.2	10	台湾地区
		14													(243)Taiwan region
769	30 30	12–36–50.5	6.36S	147.21E	59	5.3	5.4		5.7	5.4		5.5	1.3	256	新几内亚东部地区
		20													(207)Eastern New Guinea region
770	30 30	15–00–22.2	25.36S	179.60E	523				5.0	4.9		5.0	1.0	59	斐济以南地区
		23													(171)South of Fiji
771	30 1	20–04–50.4	7.08S	129.41E	119					5.5		5.4	1.4	36	班达海
		04													(280)Banda Sea

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772	1	00–20–03.9	45.20N	153.01E	14	4.5	4.4			4.9	4.4	5.0	1.1	150	千岛群岛地区
	1	08													(222)Kurile Islands region
773	1	00–59–49.6	13.96S	170.71E	26	5.5	5.0			4.8	5.0	4.9	1.4	52	瓦努阿图(新赫布里底)地区
	1	08													(185)Vanuatu (New Hebrides) region
774	1	04–30–42.8	41.71N	81.09E	31			4.3					2.7	14	新疆自治区南部
	1	12													(321)Southern Xinjiang Province
775	1	04–32–02.9	6.50S	154.98E	55	4.2	4.7		5.5	5.2		5.3	1.2	172	所罗门群岛
	1	12													(193)Solomon Islands
776	1	06–38–09.5	22.17S	113.51W	4		4.5			5.1	4.5	5.2	1.5	91	复活节岛地区
	1	14													(685)Easter Island region
777	1	07–18–41.9	62.55N	151.50W	123				6.6	6.1		6.1	1.2	699	中阿拉斯加
	1	15													(1)Central Alaska
778	1	11–29–06.3	35.12N	111.05E	21	3.9		3.8		4.2			2.1	29	中国东部
	1	19													(664)Eastern China
779	1	15–12–20.9	23.88N	122.85E	15			3.5		3.9			1.4	9	台湾地区
	1	23													(243)Taiwan region
780	1	19–22–01.2	43.69N	87.64E	3			3.9					2.3	13	新疆自治区北部
	2	03													(332)Northern Xinjiang Province
781	2	01–25–29.6	42.59N	43.98E	11	5.3	4.7		5.8	5.0	4.5	5.1	1.5	214	高加索西部
	2	09													(362)Western Caucasus
782	2	02–23–38.9	21.68S	173.87W	33	5.2	5.3			5.2	5.3	5.1	1.4	82	汤加地区
	2	10													(174)Tonga region
783	2	07–01–57.1	9.41N	77.26W	37	6.1	5.4		5.6	5.7	5.3	5.7	1.3	315	巴拿马—哥伦比亚边境地区
	2	15													(82)Panama–Colombia border region
784	2	15–27–23.8	8.51N	126.94E	74	4.3	4.1			4.8		5.0	1.1	76	棉兰老岛
	2	23													(259)Mindanao
785	2	19–42–34.1	46.42N	150.17E	25	4.3	4.2			4.8	4.1	5.0	1.1	90	千岛群岛
	3	03													(221)Kurile Islands
786	3	02–14–15.9	28.11N	139.64E	456				6.5	6.0		6.0	1.1	587	小笠原群岛地区
	3	10													(212)Bonin Islands region
787	3	15–52–13.0	31.11N	111.89E	17			3.1					2.1	11	中国东部
	3	23													(664)Eastern China
788	3	20–19–38.3	42.71N	43.25E	10	5.7	5.3		5.8	5.3	5.2	5.3	1.2	324	高加索西部
	4	04													(362)Western Caucasus
789	3	23–41–01.2	42.69N	43.27E	11	4.9	3.9			5.2	3.9	5.2	1.1	260	高加索西部
	4	07													(362)Western Caucasus
790	4	03–42–54.0	9.56N	82.40W	10	6.6	6.2		6.1	5.5	6.2	5.6	1.4	280	巴拿马——哥斯达黎加边境地区
	4	11													(80)Panama–Costa Rica border region
791	4	05–36–33.0	23.93N	123.47E	34	5.0	4.9	4.8	5.2	5.1	5.0	5.2	1.4	201	台湾地区
	4	13													(243)Taiwan region
792	4	06–56–16.9	23.81N	123.52E	34					3.9		3.8	0.8	11	琉球群岛西南部
	4	14													(246)South–western Ryukyu Islands
793	4	13–00–52.3	5.98S	77.09W	30		4.4			4.8		5.0	1.5	63	秘鲁北部
	4	21													(111)Northern Peru
794	4	14–31–29.5	27.18N	140.16E	432				5.5	5.1		5.2	1.1	247	小笠原群岛地区
	4	22													(212)Bonin Islands region
795	4	15–04–28.9	29.47N	105.43E	10			3.2					2.3	16	四川省
	4	23													(307)Sichuan Province
796	4	21–28–14.3	13.74N	145.03E	117				5.4	5.2		5.3	1.2	222	马里亚纳群岛
	5	05													(216)Marianas
797	5	05–08–58.3	10.33N	125.30E	57	4.4	4.1			5.0	4.1	5.1	1.1	111	棉兰老岛
	5	13													(259)Mindanao

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798	5	22–15–47.3	53.62N	169.83E	29	4.9	4.6			4.9	4.5	5.0	0.9	163	科曼多尔群岛地区
	6	06													(4)Komandorsky Islands region
799	6	00–10–22.8	10.39N	125.38E	25	5.5	5.1		5.5	5.0	5.2	5.1	1.3	139	棉兰老岛
	6	08													(259)Mindanao
800	6	00–26–12.6	10.37N	125.33E	32	5.7	5.4		5.7	5.3	5.5	5.4	1.3	163	棉兰老岛
	6	08													(259)Mindanao
801	6	03–40–25.0	10.88S	162.59E	99					5.2		5.4	0.9	76	所罗门群岛
	6	11													(193)Solomon Islands
802	6	08–02–44.4	1.06N	126.15E	33		4.2			5.0		5.0	1.0	49	马鲁古海峡
	6	16													(266)Molucca Passage
803	6	09–31–42.4	29.85N	131.61E	33	4.7	4.7		5.2	5.1	5.0	5.2	1.2	147	琉球群岛地区
	6	17													(239)Ryukyu Islands region
804	6	10–34–04.0	53.46N	164.11W	33	5.3	5.0		5.5	5.0	4.7	5.0	0.9	127	阿拉斯加以南地区
	6	18													(17)South of Alaska
805	6	14–31–11.8	44.71N	86.76E	24			3.2					4.2	6	新疆自治区北部
	6	22													(332)Northern Xinjiang Province
806	6	16–08–27.8	44.57N	86.74E	25			3.7					3.0	9	新疆自治区北部
	7	00													(332)Northern Xinjiang Province
807	6	16–24–59.9	39.76N	118.86E	3	3.8	3.6	4.1					1.9	28	中国东北部
	7	00													(658)North–Eastern China
808	6	16–29–59.0	39.73N	118.60E	10			3.3					2.3	15	中国东北部
	7	00													(658)North–Eastern China
809	6	22–50–45.5	20.86S	177.85W	500				5.7	5.5		5.5	1.0	262	斐济地区
	7	06													(181)Fiji region
810	7	04–36–47.9	23.55N	121.63E	2	4.3	4.2	4.3	4.8	4.4		4.1	2.0	46	台湾岛
	7	12													(244)Taiwan
811	7	08–25–28.9	3.53S	145.75E	31		4.6			5.2		5.3	1.9	29	新几内亚北海岸近海
	7	16													(200)Near north coast of New Guinea
812	7	13–09–27.9	39.49N	144.72E	10	5.9	5.8		6.1	6.1	5.8	6.4	1.0	553	本州东海岸远海
	7	21													(229)Off east coast of Honshu
813	8	08–51–39.8	21.95S	68.32E	9					4.9		5.1	1.2	49	中印度洋海丘
	8	16													(429)Mid–Indian Rise
814	8	09–42–12.7	16.50S	66.90E	9					4.8		5.1	1.0	44	马斯卡林群岛地区
	8	17													(427)Mascarene Islands region
815	8	18–00–27.0	10.36N	125.37E	25	5.3	5.0		5.6	5.2	5.0	5.3	1.1	155	棉兰老岛
	9	02													(259)Mindanao
816	8	18–21–10.3	19.34N	156.29W	35	5.6	5.1			5.3	5.0	5.5	1.5	199	夏威夷群岛
	9	02													(613)Hawaiian Islands
817	8	19–53–21.4	13.78S	74.38W	104				5.3	5.5		5.6	1.5	253	秘鲁
	9	03													(116)Peru
818	8	21–43–53.9	37.83N	78.15E	26	4.0	3.8	4.1				4.2	2.5	18	新疆自治区南部
	9	05													(321)Southern Xinjiang Province
819	8	22–37–47.8	18.69N	119.83E	22	4.1	4.0			4.1			2.0	22	菲律宾群岛地区
	9	06													(248)Philippine Islands region
820	8	23–24–50.0	26.52N	128.80E	36	4.8	4.7	4.0	5.3	4.7	5.0	4.8	1.5	87	琉球群岛
	9	07													(238)Ryukyu Islands
821	9	01–15–58.0	23.99N	123.48E	28	4.5	4.3	4.4		4.1		4.5	2.2	71	台湾地区
	9	09													(243)Taiwan region
822	9	13–31–56.8	17.50S	178.75W	556					5.0		5.0	1.1	34	斐济地区
	9	21													(181)Fiji region
823	9	13–37–13.4	23.54N	100.59E	33			3.6					1.6	11	云南省
	9	21													(318)Yunnan Province

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824	10 10	01–12–37.8 09	17.34S	24.98E	10		3.9			4.8	3.9	5.0	1.0	65	赞比亚 (576)Zambia
825	10 10	02–40–09.3 10	30.24N	99.65E	3	3.8		3.2					2.6	14	四川省 (307)Sichuan Province
826	10 10	03–55–11.2 11	40.03N	98.59E	7	3.7	3.3	4.2					2.6	16	甘肃省 (322)Gansu Province
827	10 10	10–26–10.7 18	40.74N	113.41E	12			3.6					1.9	20	中国东北部 (658)North–Eastern China
828	10 10	10–51–26.9 18	4.01S	154.46E	480					5.0		5.1	0.8	119	新爱尔兰地区 (190)New Ireland region
829	10 10	13–26–09.3 21	22.92S	175.59W	89		5.4			5.2		5.3	1.2	81	斐济以南地区 (171)South of Fiji
830	10 10	13–33–52.1 21	16.08S	174.13W	115				6.0	5.7		5.8	1.3	275	汤加 (173)Tonga
831	10 11	23–28–20.8 07	39.63N	118.76E	15			3.2					1.6	15	中国东北部 (658)North–Eastern China
832	11 11	03–45–28.1 11	19.53S	175.59W	238					5.0		5.1	1.2	81	斐济地区 (181)Fiji region
833	11 11	08–00–42.4 16	22.39N	121.11E	27	3.9	3.5	4.0		4.3		4.2	2.1	29	台湾地区 (243)Taiwan region
834	11 11	08–04–43.5 16	22.04S	67.25W	193					5.2		5.3	1.5	175	智利——玻利维亚边境地区 (124)Chile–Bolivia border region
835	11 11	14–09–53.2 22	5.61S	102.68E	40	4.7	4.6			4.9	4.6	5.0	1.1	78	苏门答腊西南以远地区 (273)South–west of Sumatera
836	11 11	15–26–29.1 23	12.41N	47.51E	16	5.0	4.7		5.2	5.1	4.8	5.2	1.3	224	亚丁湾东部 (415)Eastern Gulf of Aden
837	11 12	17–26–26.0 01	22.15N	121.07E	6	4.2	4.0	3.9		4.0		4.0	1.6	29	台湾地区 (243)Taiwan region
838	11 12	17–34–08.6 01	26.44N	96.26E	106					4.9		4.9	1.7	52	缅甸——印度边境地区 (294)Burma–India border region
839	11 12	19–58–59.7 03	9.87S	119.95E	31	4.8	4.4		5.7	5.2	4.4	5.3	1.7	177	松巴地区 (287)Sumba region
840	12 12	06–43–49.8 14	3.57S	139.30E	35		4.3			5.2		5.2	1.3	150	西伊里安 (201)West Irian
841	12 12	11–53–59.7 19	6.74S	130.65E	55		4.4			5.0		5.0	1.0	54	塔宁巴尔群岛地区 (281)Tanimbar Islands region
842	12 12	12–27–54.8 20	21.65S	174.00W	33	5.5	5.1		5.9	5.5	5.3	5.6	1.2	170	汤加地区 (174)Tonga region
843	12 13	16–12–36.6 00	12.29N	47.50E	10	5.8	5.3		5.7	5.2	4.8	5.3	1.4	213	亚丁湾东部 (415)Eastern Gulf of Aden
844	13 13	03–41–15.5 11	1.48N	123.53E	31	4.9	4.9		5.2	4.8	4.6	5.1	1.2	102	米那哈沙半岛(西里伯斯) (265)Minahassa Peninsula (Celebes)
845	13 13	04–23–05.8 12	4.86S	101.89E	32	4.9	4.8			5.1	5.2	5.2	1.0	71	苏门答腊西南以远地区 (273)South–west of Sumatera
846	13 14	16–28–15.0 00	3.45S	82.77E	21	5.5	5.4		5.8	5.8	5.4	5.9	1.1	468	南印度洋 (425)South Indian Ocean
847	14 14	00–48–07.7 08	30.11N	103.36E	13			3.5					2.3	13	四川省 (307)Sichuan Province
848	14 14	03–18–31.5 11	40.67N	113.48E	6			3.0					2.3	8	中国东北部 (658)North–Eastern China
849	14 14	12–15–31.6 20	43.22N	84.93E	18			3.5					1.9	8	新疆自治区北部 (332)Northern Xinjiang Province

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850	14 15	19–17–53.6 03	57.68S	25.20W	46		5.4			5.0		5.1	1.8	21	南桑德韦奇群岛地区 (153)South Sandwich Islands region
851	15 15	08–11–08.7 16	22.14N	115.20E	29			3.4					2.5	5	中国东南沿海 (242)Near south–eastern coast of China
852	15 15	14–34–24.6 22	9.39N	82.17W	32		4.5			5.1	4.5	5.2	1.1	121	巴拿马——哥斯达黎加边境地区 (80)Panama–Costa Rica border region
853	16 16	04–50–38.1 12	22.96N	116.92E	30	3.9	4.0	4.1		4.2		3.9	2.2	11	中国东南沿海 (242)Near south–eastern coast of China
854	16 17	17–58–24.3 01	26.32N	125.97E	25	4.9	4.7	4.8	5.2	4.7		4.9	1.9	79	琉球群岛西南部 (246)South–western Ryukyu Islands
855	16 17	20–18–57.1 04	24.69N	98.82E	28			3.2					2.0	7	缅甸——中国边境地区 (297)Burma–China border region
856	17 17	02–31–25.7 10	4.36S	142.74E	59	6.0	5.9		6.2	5.9		5.8	1.3	313	新几内亚 (202)New Guinea
857	17 17	04–23–49.7 12	25.45N	121.89E	34	4.2	4.0	3.9		4.3		4.2	2.5	15	台湾岛 (244)Taiwan
858	17 17	06–37–46.9 14	9.91S	119.83E	20	4.8	4.6		5.7	5.1	4.6	5.2	1.5	152	松巴地区 (287)Sumba region
859	17 18	21–14–04.1 05	25.24N	124.76E	34	4.0	4.1	4.2		4.0		3.9	2.8	17	琉球群岛西南部 (246)South–western Ryukyu Islands
860	17 18	21–34–34.7 05	13.59N	144.59E	105					5.0		5.0	1.2	114	马里亚纳群岛 (216)Marianas
861	17 18	22–48–57.2 06	55.31S	1.69W	10		4.7			5.2	4.7	5.2	1.3	36	南大西洋海岭 (410)South Atlantic Ridge
862	18 18	04–17–52.7 12	24.63N	122.73E	33			3.3		3.9		3.8	2.2	12	台湾地区 (243)Taiwan region
863	18 18	04–52–18.3 12	31.70N	80.09E	23	4.0	3.9			4.5		4.6	1.5	61	西藏——印度边境地区 (305)Tibet–India border region
864	18 18	06–57–26.2 14	39.97S	74.86W	21		4.9			5.2	4.5	5.3	1.2	111	智利南部海岸远海 (143)Off coast of Southern Chile
865	18 18	06–59–21.6 14	31.65N	80.00E	41	4.2	4.0			4.6		4.5	1.9	45	西藏——印度边境地区 (305)Tibet–India border region
866	18 19	21–54–28.1 05	3.57S	128.44E	115					5.2		5.2	1.4	131	班达海 (280)Banda Sea
867	19 19	00–58–01.6 08	1.20N	122.99E	32	6.7	6.6		6.5	5.8	6.8	6.0	1.4	289	米那哈沙半岛(西里伯斯) (265)Minahassa Peninsula (Celebes)
868	19 19	01–16–39.5 09	1.38N	123.30E	33					5.0		5.0	1.8	26	米那哈沙半岛(西里伯斯) (265)Minahassa Peninsula (Celebes)
869	19 19	01–19–50.7 09	1.34N	123.03E	32	6.0	6.0			5.3	5.9	5.3	1.3	170	米那哈沙半岛(西里伯斯) (265)Minahassa Peninsula (Celebes)
870	19 19	14–53–25.7 22	39.98N	77.88E	19	4.1	3.7	4.2		4.4			2.5	16	新疆自治区南部 (321)Southern Xinjiang Province
871	20 20	00–20–39.2 08	31.03N	86.82E	32	4.7	4.4			4.4	4.0	4.6	1.4	75	西藏自治区 (306)Tibet
872	20 20	09–50–28.1 17	18.01S	178.45W	587					5.3		5.4	1.3	218	斐济地区 (181)Fiji region
873	20 20	09–52–54.3 17	26.72N	102.82E	12	3.6		3.4					2.4	14	四川省 (307)Sichuan Province
874	20 21	16–56–16.8 00	24.85N	121.62E	24	3.7	4.0	4.0		3.7		3.9	2.3	13	台湾岛 (244)Taiwan
875	20 21	22–02–28.9 06	1.01N	126.16E	77					5.0		5.0	1.0	77	马鲁古海峡 (266)Molucca Passage

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876	20 23–45–20.9	14.49S	179.42E	26				4.6	5.0	4.4	1.0	28	斐济地区
	21 07												(181)Fiji region
877	21 11–00–18.8	7.50S	126.55E	18	6.2	6.2	6.6	6.0	6.3	6.2	1.2	338	帝汶岛
	21 19												(289)Timor
878	21 11–29–32.2	7.53S	126.50E	33				5.1		5.1	1.2	36	帝汶岛
	21 19												(289)Timor
879	21 12–05–29.7	7.57S	126.69E	32				5.2		5.2	1.4	47	帝汶岛
	21 20												(289)Timor
880	21 17–37–38.4	42.89N	47.99E	10	4.6	4.3		5.0		5.0	1.4	56	高加索东部
	22 01												(337)Eastern Caucasus
881	22 06–53–05.8	33.73S	179.62W	49		5.3		5.3	5.1	5.4	1.2	120	克马德克群岛以南地区
	22 14												(179)South of Kermadec Islands
882	22 08–47–39.5	22.82N	121.54E	20			3.6	3.9		4.0	2.0	18	台湾地区
	22 16												(243)Taiwan region
883	22 13–14–37.8	36.93N	103.94E	12	3.6	3.2	4.0				2.2	22	甘肃省
	22 21												(322)Gansu Province
884	22 16–29–01.9	27.46N	55.79E	24	5.3	5.1		5.7	5.6	5.0	5.7	1.0	446 伊朗南部
	23 00												(353)Southern Iran
885	22 17–16–56.6	43.18N	113.82E	10			3.1				1.7	8	中国东北部
	23 01												(658)North–Eastern China
886	22 21–05–21.9	51.88N	175.84E	33	4.7	4.8		5.7	5.5	4.9	5.5	0.9	295 拉特群岛
	23 05												(6)Rat Islands
887	22 21–06–52.2	47.42N	154.39E	35	4.7	4.5		5.8	5.1	4.3	5.2	1.1	107 千岛群岛
	23 05												(221)Kurile Islands
888	22 21–50–39.1	25.79N	98.56E	8			3.4				2.1	6	缅甸——中国边境地区
	23 05												(297)Burma–China border region
889	23 06–44–21.4	14.90S	166.86E	63		4.5		5.5	5.2		5.4	1.3	185 瓦努阿图(新赫布里底)
	23 14												(186)Vanuatu (New Hebrides)
890	23 10–27–16.9	50.13N	28.95W	19	4.9	4.6			4.9	4.5	5.0	1.0	134 北大西洋海岭
	23 18												(403)North Atlantic Ridge
891	23 18–38–09.7	31.30N	86.80E	32	4.3	4.2			4.4	4.3	4.3	2.0	53 西藏自治区
	24 02												(306)Tibet
892	23 20–47–17.3	40.26N	79.09E	31	3.8	3.7	4.2		3.8		3.9	2.6	27 新疆自治区南部
	24 04												(321)Southern Xinjiang Province
893	24 01–47–48.6	24.41N	122.17E	5	4.2	3.6	4.0		4.3		4.2	1.8	29 台湾岛
	24 09												(244)Taiwan
894	24 10–39–20.9	21.88N	113.25E	14			3.4					3.1	7 中国东南沿海
	24 18												(242)Near south–eastern coast of China
895	24 11–51–00.2	41.70N	81.10E	14			3.3					2.2	6 新疆自治区南部
	24 19												(321)Southern Xinjiang Province
896	24 18–28–33.9	60.28S	43.87W	9	5.7	5.5		5.5	5.3	5.5	5.5	1.5	112 斯科舍海
	25 02												(150)Scotia Sea
897	24 18–53–36.8	41.54N	81.21E	31			3.5					3.4	9 新疆自治区南部
	25 02												(321)Southern Xinjiang Province
898	24 20–50–55.6	16.39S	70.64W	125				6.7	6.2		6.3	1.2	570 秘鲁南部
	25 04												(117)Southern Peru
899	24 22–24–05.3	5.90S	154.65E	173					5.0		5.0	1.2	57 所罗门群岛
	25 06												(193)Solomon Islands
900	25 01–20–18.7	34.69N	105.19E	13	3.6	3.3	3.9					2.3	20 甘肃省
	25 09												(322)Gansu Province
901	25 02–59–57.3	24.30N	123.29E	10		3.2	3.0		4.2		4.3	1.1	10 台湾地区
	25 10												(243)Taiwan region

902	25 25	13-29-19.6	41.67N	81.07E	26			3.7				2.6	13	新疆自治区南部 (321)Southern Xinjiang Province
903	25 26	23-07-23.0 07	39.47N	74.12E	28			4.4	4.2		4.1	2.2	21	塔吉克——新疆边境地区 (719)Tadzhikistan-Xinjiang border region
904	26 26	03-54-47.8 11	22.31S	174.30E	34		4.9		5.1	5.1	5.2	1.4	116	洛亚尔提群岛地区 (189)Loyalty Islands region
905	26 26	06-12-32.9 14	59.83S	26.41W	20				4.9		5.1	1.4	30	南桑德韦奇群岛地区 (153)South Sandwich Islands region
906	26 26	08-02-41.8 16	40.83N	94.50E	33	3.8	3.7	4.6	4.4		4.5	1.4	28	甘肃省 (322)Gansu Province
907	26 26	10-12-14.6 18	7.47S	128.18E	129				5.3		5.4	1.1	127	班达海 (280)Banda Sea
908	26 26	10-59-48.5 18	5.88N	116.77E	33	4.9	4.7		5.5	5.1	4.5	5.1	1.3	143	加里曼丹(婆罗洲)岛 (261)Kalimantan (Borneo)
909	26 26	11-16-58.4 19	5.88N	116.83E	18	5 0	4.8		5.5	4.9	4.7	5.1	1.4	128	加里曼丹(婆罗洲)岛 (261)Kalimantan (Borneo)
910	26 26	11-55-04.8 19	4.17N	125.63E	20	4.5	4.4			5.3	4.4	5.4	1.3	124	塔劳群岛 (263)Talaud Islands
911	26 26	12-26-00.1 20	40.74N	15.76E	7	5.2	4.8		5.7	5.1	4.8	5.1	1.6	249	意大利南部 (390)Southern Italy
912	26 27	17-28-00.6 01	27.77N	99.95E	12	3.8		3.6					1.8	19	云南省 (318)Yunnan Province
913	26 27	17-59-58.5 01	27.59N	100.02E	16			3.4					2.2	7	云南省 (318)Yunnan Province
914	26 27	20-48-33.7 04	23.94N	123.61E	33					3.8		3.8	1.7	13	琉球群岛西南部 (246)South-western Ryukyu Islands
915	26 27	21-38-56.0 05	7.62S	127.55E	177					5.0		5.0	1.0	61	帝汶岛 (289)Timor
916	26 27	22-30-07.4 06	6.10S	150.98E	16		4.4			5.0	4.3	5.1	1.4	61	新不列颠地区 (192)New Britain region
917	27 27	01-14-06.8 09	34.08N	139.24E	22	5.0	4.9		5.5	4.9	4.2	5.0	1.4	135	本州以南地区 (211)South of Honshu
918	27 27	01-19-48.8 09	24.03N	122.52E	6			3.3		4.0		3.5	1.0	10	台湾地区 (243)Taiwan region
919	27 27	01-24-49.7 09	31.97N	141.67E	33					4.4		5.0	0.9	27	本州以南地区 (211)South of Honshu
920	27 27	02-48-17.4 10	12.95N	144.62E	33	4.7	4.5		5.3	4.8	4.5	5.0	1.3	65	马里亚纳群岛以南地区 (210)South of the Marianas
921	27 27	04-27-20.5 12	28.39N	104.07E	21			3.3					2.6	11	云南省 (318)Yunnan Province
922	27 27	05-49-12.1 13	7.58S	126.55E	33					5.4		5.4	1.0	30	帝汶岛 (289)Timor
923	27 27	06-33-02.2 14	10.41N	125.36E	29	5.0	4.7		5.4	5.1	4.6	5.3	1.1	134	棉兰老岛 (259)Mindanao
924	27 27	09-13-32.6 17	49.58N	94.76E	19	5.0	4.8		4.9	5.0	4.4	5.1	1.3	163	苏联——蒙古边境地区 (333)USSR-Mongolia border region
925	27 28	17-24-17.7 01	20.50S	68.04E	10	5.2	5.0		5.9	5.0	4.9	5.2	1.3	70	中印度洋海丘 (429)Mid-Indian Rise
926	27 28	18-40-27.6 02	9.55N	82.67W	9		5.0			4.9	5.0	5.0	1.3	58	哥斯达黎加 (78)Costa Rica
927	28 28	07-32-07.1 15	24.10N	122.50E	28	4.2	4.2	4.2		4.6		4.1	2.0	47	台湾地区 (243)Taiwan region

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928	28	08–52–43.7	1.78N	128.59E	63				5.0		5.0	1.0	96	查伊洛洛贾洛洛(哈马黑拉)岛			
	28	16												(267)Djailolo Gilolo (Halmahera)			
929	28	12–40–16.5	5.70S	130.92E	87				5.0		5.0	1.0	117	班达海			
	28	20												(280)Banda Sea			
930	28	16–34–25.7	23.52N	120.00E	4			3.2				2.3	6	台湾地区			
	29	00												(243)Taiwan region			
931	29	03–55–04.4	24.93N	122.45E	6	3.5	3.6	3.8	3.8		4.0	2.4	13	台湾岛			
	29	11												(244)Taiwan			
932	29	07–10–09.4	5.57N	126.83E	67	4.3	4.2		5.1		5.2	1.3	110	棉兰老岛			
	29	15												(259)Mindanao			
933	29	09–55–48.6	28.66N	98.81E	13	3.7		3.5	3.6		3.9	2.9	17	缅甸——中国边境地区			
	29	17												(297)Burma–China border region			
934	29	11–02–10.8	39.68N	118.41E	12	4.5	4.2	4.7	4.3		4.6	1.8	75	中国东北部			
	29	19												(658)North–Eastern China			
935	29	14–53–09.9	40.46N	79.36E	31			3.5	3.9		3.9	3.0	15	新疆自治区南部			
	29	22												(321)Southern Xinjiang Province			
936	29	15–18–33.3	39.88N	118.24E	11			3.3				2.0	13	中国东北部			
	29	23												(658)North–Eastern China			
937	29	15–23–34.4	39.67N	118.25E	10			3.5				2.1	20	中国东北部			
	29	23												(658)North–Eastern China			
938	29	18–14–26.0	3.32S	98.35E	28	4.9	4.6		5.1	4.5	5.2	1.1	111	苏门答腊西南以远地区			
	30	02												(273)South–west of Sumatera			
939	29	18–59–59.3	22.07S	138.86W	5				5.4		5.5	1.1	183	土阿莫土群岛地区			
	30	02												(631)Tuamotu Archipelago region			
940	29	23–06–56.0	39.66N	118.38E	24	4.9	4.5	4.8	4.7		4.9	1.6	103	中国东北部			
	30	07												(658)North–Eastern China			
941	30	06–47–55.8	39.63N	118.31E	10			3.3				1.7	12	中国东北部			
	30	14												(658)North–Eastern China			
942	30	09–06–21.6	23.46S	67.94W	114				5.3		5.3	1.1	170	智利北部			
	30	17												(123)Northern Chile			
943	30	13–17–40.8	54.58N	161.73W	29	7.1	6.6	6.8	6.3	6.7	6.3	1.1	627	阿拉斯加半岛			
	30	21												(12)Alaska Peninsula			
944	30	13–22–29.8	54.66N	161.83W	34				5.6		5.6	0.7	22	阿拉斯加半岛			
	30	21												(12)Alaska Peninsula			
945	30	15–44–19.5	54.38N	162.03W	25				5.2		5.1	0.7	47	阿拉斯加以南地区			
	30	23												(17)South of Alaska			
946	30	19–18–13.1	15.15S	172.83W	34		5.0		5.1	5.4	5.3	1.5	89	汤加			
	31	03												(173)Tonga			
947	30	21–35–36.3	24.04N	122.94E	18	4.4	4.2	4.4	4.6			1.6	70	台湾地区			
	31	05												(243)Taiwan region			
948	31	01–28–30.2	46.28N	153.13E	31	4.3	4.3		4.9	4.3	5.0	1.2	134	千岛群岛地区			
	31	09												(222)Kurile Islands region			
949	31	01–31–25.1	41.98N	83.85E	20			3.5				3.6	9	新疆自治区南部			
	31	09												(321)Southern Xinjiang Province			
950	31	02–08–13.5	22.57N	99.57E	15			3.6				4.5	6	缅甸——中国边境地区			
	31	10												(297)Burma–China border region			
951	31	05–28–02.8	6.01S	130.67E	33	5.1	4.9		5.6	5.7	5.0	6.0	1.1	376	班达海		
	31	13												(280)Banda Sea			
952	31	07–50–19.6	36.18N	80.99E	15		3.7	4.6					2.6	13	克什米尔——西藏边境地区		
	31	15												(304)Kashmir–Tibet border region			
953	31	14–23–04.1	34.90N	98.67E	6			3.1					3.3	8	青海省		
	31	22												(325)Qinghai Province			

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954	31	14–58–00.4	23.75N	120.88E	5	3.2		3.5							2.1	10	台湾岛
	31	22															(244)Taiwan

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955	1	02–49–26.0	28.76N	81.89E	28				4.6						1.8	16	尼泊尔——印度边境地区
	1	10															(309)Nepal–India border region
956	1	08–03–37.6	39.35N	117.78E	22			3.1							1.9	11	中国东北部
	1	16															(658)North–Eastern China
957	1	08–56–04.4	54.49N	161.62W	34	5.0	4.7		5.3	4.7	5.3				1.1	282	阿拉斯加以南地区
	1	16															(17)South of Alaska
958	2	01–52–21.7	1.27N	128.40E	31	4.4	4.3		5.4	5.1	4.2	5.2			1.4	118	查伊洛洛贾洛洛(哈马黑拉)岛
	2	09															(267)Djallolo Gilolo (Halmahera)
959	2	10–56–54.0	39.66N	118.46E	11			3.2							2.3	16	中国东北部
	2	18															(658)North–Eastern China
960	2	12–41–45.3	22.86N	100.91E	31			3.5							2.8	6	缅甸——中国边境地区
	2	20															(297)Burma–China border region
961	2	16–25–26.3	24.89S	179.94E	505				5.2	5.1		5.2			1.0	193	斐济以南地区
	3	00															(171)South of Fiji
962	2	16–50–11.1	8.67S	111.41E	87		4.2			5.0		5.1			1.2	100	爪哇以南地区
	3	00															(282)South of Java
963	2	19–22–58.5	6.34S	129.97E	139				5.2	5.1		5.1			1.3	121	班达海
	3	03															(280)Banda Sea
964	2	22–15–56.0	44.31N	81.51E	17	4.0	3.4	4.6		4.5		4.6			2.1	54	新疆自治区北部
	3	06															(332)Northern Xinjiang Province
965	3	01–32–46.2	46.44N	153.23E	19	4.3	4.2			5.0	4.2	5.1			1.0	197	千岛群岛地区
	3	09															(222)Kurile Islands region
966	3	04–54–40.5	23.91N	118.65E	10	3.4	3.6	4.1							2.2	16	台湾地区
	3	12															(243)Taiwan region
967	3	05–05–14.1	40.01S	74.91W	11	5.6	5.0		5.6	5.7	4.8	5.7			1.2	195	智利南部海岸远海
	3	13															(143)Off coast of Southern Chile
968	3	07–13–57.0	39.30N	112.79E	15			3.0							1.8	6	中国东北部
	3	15															(658)North–Eastern China
969	3	09–32–39.1	27.42N	110.69E	10	3.9		3.8		4.3		4.4			2.1	32	中国东部
	3	17															(664)Eastern China
970	3	10–22–39.9	40.10N	42.88E	28	4.9	4.5			5.0	4.4	5.0			1.3	201	土耳其
	3	18															(366)Turkey
971	3	10–34–04.9	24.70N	122.08E	9			3.3							2.0	8	台湾岛
	3	18															(244)Taiwan
972	3	13–14–14.9	38.29N	106.17E	17			3.1							2.8	13	中国北部
	3	21															(323)Northern China
973	3	17–03–09.6	23.82N	121.84E	21	4.4	4.2	4.6	4.5	4.7		4.8			2.0	81	台湾岛
	4	01															(244)Taiwan
974	3	20–33–58.5	33.82N	104.24E	7			3.2							3.6	6	甘肃省
	4	04															(322)Gansu Province
975	3	23–18–34.5	42.18N	83.52E	21			3.3							2.1	7	新疆自治区南部
	4	07															(321)Southern Xinjiang Province
976	4	03–52–35.1	23.62N	119.41E	5			3.6		3.7					2.8	11	台湾地区
	4	11															(243)Taiwan region
977	4	13–23–40.2	30.21N	99.85E	24			3.3							3.3	10	四川省
	4	21															(307)Sichuan Province
978	4	15–03–25.5	31.59S	179.83E	398					5.2		5.2			1.2	266	克马德克群岛以南地区
	4	23															(179)South of Kermadec Islands

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979	4	16–02–44.0	53.59N	161.12E	22	4.8	4.7			5.1	4.6	5.2	0.9	216	堪察加东海岸近海
	5	00													(218)Near east coast of Kamchatka
980	4	17–30–02.5	7.33S	127.84E	30	4.6	4.4			5.3	4.3	5.3	1.3	164	班达海
	5	01													(280)Banda Sea
981	4	18–00–15.3	27.72N	127.41E	157					4.9			1.5	57	中国东海
	5	02													(234)East China Sea
982	4	21–36–16.6	44.90N	100.10E	14	3.9	3.8	4.4					2.3	15	蒙古
	5	05													(334)Mongolia
983	5	00–12–29.0	28.41N	102.80E	15			3.4		3.5			2.5	17	四川省
	5	08													(307)Sichuan Province
984	5	01–03–30.1	26.09N	118.77E	6			3.5					3.1	5	中国东南沿海
	5	09													(242)Near south–eastern coast of China
985	5	06–44–42.2	2.46N	128.67E	226					4.9		5.0	1.2	141	查伊洛洛贾洛洛(哈马黑拉)岛
	5	14													(267)Djailolo Gilolo (Halmahera)
986	5	09–33–22.8	5.54S	151.41E	72					5.2		5.2	1.4	48	新不列颠地区
	5	17													(192)New Britain region
987	5	14–47–12.6	18.97S	169.52E	28		4.6			4.9	4.6	5.0	1.1	60	瓦努阿图(新赫布里底)
	5	22													(186)Vanuatu (New Hebrides)
988	5	16–43–07.0	35.97S	100.78W	10		5.1			5.1	5.1	5.2	1.7	70	太平洋南部
	6	00													(692)Southern Pacific Ocean
989	6	02–28–46.5	5.95S	103.88E	52	5.3	5.2		5.7	5.3		5.3	1.2	194	苏门答腊西南以远地区
	6	10													(273)South–west of Sumatera
990	6	08–02–07.4	42.78N	87.18E	33	4.8	4.5	5.6	5.2	5.0	4.4	5.1	1.5	213	新疆自治区北部
	6	16													(332)Northern Xinjiang Province
991	6	12–54–53.3	39.68N	118.37E	10	3.8		3.8					1.8	21	中国东北部
	6	20													(658)North–Eastern China
992	6	13–02–19.6	42.31N	81.52E	9			3.9					3.4	9	新疆自治区南部
	6	21													(321)Southern Xinjiang Province
993	6	18–14–04.9	12.22N	120.69E	17	4.6	4.3		4.8	4.9	4.3	5.0	1.7	99	巴拉望岛
	7	02													(252)Palawan
994	6	20–46–49.2	28.90N	142.48E	35	3.8	3.9			4.5	4.0	5.0	1.1	49	小笠原群岛地区
	7	04													(212)Bonin Islands region
995	6	23–28–15.2	46.77N	152.63E	32		4.2			5.1	4.1	5.2	1.0	174	千岛群岛
	7	07													(221)Kurile Islands
996	7	00–13–39.1	6.01N	125.16E	103					5.1		5.1	1.4	35	棉兰老岛
	7	08													(259)Mindanao
997	7	11–28–23.1	8.60N	126.91E	31	4.4	4.0			5.0	4.0	5.1	1.6	79	棉兰老岛
	7	19													(259)Mindanao
998	7	11–51–25.7	7.18S	122.57E	535				6.6	6.0		6.2	1.3	240	佛罗勒斯海
	7	19													(279)Flores Sea
999	8	00–27–44.4	29.82N	96.74E	15	4.0	3.8	4.0					2.1	20	印度——中国边境地区
	8	08													(313)India–China border region
1000	8	01–58–29.3	45.76N	150.95E	43	4.6	4.7		5.2	5.3	4.9	5.5	0.9	335	千岛群岛
	8	09													(221)Kurile Islands
1001	8	14–52–31.1	6.00S	146.68E	51	4.7	4.5			5.2		5.2	1.2	135	新几内亚东部地区
	8	22													(207)Eastern New Guinea region
1002	8	17–02–29.7	39.75N	118.29E	13			3.4					2.2	19	中国东北部
	9	01													(658)North–Eastern China
1003	9	00–29–11.1	39.92N	113.97E	9			3.8					2.4	23	中国东北部
	9	08													(658)North–Eastern China
1004	9	05–48–18.4	8.85N	127.19E	33	4.3	4.9		4.8	4.9	4.8	5.0	1.2	100	棉兰老岛
	9	13													(259)Mindanao

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1005	9 9	07–45–02.1 15	20.21S	176.19W	265				6.2	5.9		6.1	1.0	652	斐济地区 (181)Fiji region
1006	9 9	08–07–11.6 16	25.04N	120.38E	15			3.0					2.5	5	台湾地区 (243)Taiwan region
1007	9 9	11–01–33.5 19	40.10S	174.38E	110					5.4		5.4	1.3	98	新西兰库克海峡 (163)Cook Strait, New Zealand
1008	9 10	16–13–02.1 00	3.49S	131.11E	31	4.7	4.9			4.9	4.5	5.1	1.1	87	斯兰岛 (272)Seram
1009	9 10	19–23–29.8 03	48.35N	130.00E	1			4.2					2.5	15	中国东北部 (658)North-Eastern China
1010	9 10	20–07–51.8 04	39.13N	73.47E	24			3.6		4.8			3.2	11	塔吉克 (715)Tadzhikistan
1011	9 10	20–39–33.4 04	12.62N	95.06E	24	5.4	5.1		5.6	4.9	5.0	5.0	1.3	179	安达曼群岛地区 (703)Andaman Islands region
1012	10 10	06–39–47.2 14	52.60N	160.57E	33	5.2	5.0		5.1	5.0	4.8	5.0	1.2	191	堪察加东海岸远海 (219)Off east coast of Kamchatka
1013	10 11	17–35–49.0 01	23.82N	45.37W	9	6.7	6.5		6.4	6.0	6.5	6.1	1.0	574	北大西洋海岭 (403)North Atlantic Ridge
1014	10 11	17–37–03.2 01	7.37S	128.47E	146					4.9		5.0	1.5	29	班达海 (280)Banda Sea
1015	10 11	21–30–08.0 05	29.70N	80.45E	9					4.7			1.2	17	印度北部 (308)Northern India
1016	11 11	02–34–58.3 10	16.75N	120.71E	120				5.1	5.1		5.0	1.3	139	吕宋岛 (249)Luzon
1017	11 11	05–26–31.0 13	8.46N	103.01W	8	6.2	5.7		6.2	5.3	5.8	5.3	1.5	119	墨西哥海岸远海 (63)Off coast of Mexico
1018	11 11	07–16–33.1 15	84.40N	108.30E	27	5.4	5.3		5.6	5.5	5.3	5.5	1.0	380	北地群岛以北地区 (651)North of Severnaya Zemlya
1019	11 11	07–44–03.7 15	8.80N	127.13E	37	4.6	4.8		5.1	5.0		5.0	1.3	86	棉兰老岛 (259)Mindanao
1020	11 11	14–32–48.2 22	18.17S	178.40W	632				5.4	5.5		5.5	1.0	370	斐济地区 (181)Fiji region
1021	11 12	17–19–59.7 01	23.78N	119.32E	5			3.4					2.7	10	台湾地区 (243)Taiwan region
1022	11 12	18–55–55.8 02	5.34S	102.54E	27	5.1	5.0		5.4	5.3	4.9	5.3	1.2	131	苏门答腊南部 (274)Southern Sumatera
1023	11 12	21–40–52.6 05	4.90S	133.82E	22	4.8	4.6			5.0	4.6	5.2	1.3	87	阿鲁群岛地区 (204)Aroe Islands region
1024	11 12	23–45–00.5 07	4.84S	133.67E	24	4.7	4.5			4.9	4.5	5.1	1.4	54	阿鲁群岛地区 (204)Aroe Islands region
1025	12 12	00–45–39.6 08	2.27S	78.89W	93				5.9	5.7		5.7	1.3	402	厄瓜多尔海岸近海 (105)Near coast of Ecuador
1026	12 12	03–05–21.0 11	14.81N	96.28E	12	5.6	5.3		5.4	5.1	5.2	5.0	1.7	171	安达曼群岛地区 (703)Andaman Islands region
1027	12 12	03–17–57.4 11	58.29N	163.08E	32	5.4	5.3			4.7	5.2	4.7	1.4	78	堪察加东海岸近海 (218)Near east coast of Kamchatka
1028	12 12	03–47–32.9 11	8.06N	126.29E	154				5.4	5.2		5.2	1.4	148	棉兰老岛 (259)Mindanao
1029	12 12	04–31–34.5 12	3.38S	152.17E	340					4.8		5.0	1.1	76	新爱尔兰地区 (190)New Ireland region
1030	12 12	07–00–09.9 15	8.77N	127.22E	37	4.2	4.3		5.0	4.9		5.0	1.1	98	棉兰老岛 (259)Mindanao

1031	12 12	14-50-19.8	7.74N	126.62E	86		4.3		5.0		5.1	1.6	91	棉兰老岛 (259)Mindanao
1032	12 13	18-06-19.1	47.24N	154.12E	34				5.0		5.1	1.1	54	千岛群岛 (221)Kurile Islands
1033	12 13	20-11-34.4	42.85N	143.35E	112				5.7	5.7	5.7	0.9	553	北海道地区 (224)Hokkaido region
1034	13 13	00-46-08.6	35.49N	99.08E	10			3.5				3.2	5	青海省 (325)Qinghai Province
1035	13 13	10-18-58.8	40.26N	77.65E	33	4.1	3.9	4.6		4.8	4.9	2.5	38	新疆自治区南部 (321)Southern Xinjiang Province
1036	13 14	17-18-45.5	19.92S	175.69W	216				5.8	5.5	5.5	1.2	259	斐济地区 (181)Fiji region
1037	14 14	01-01-00.6	5.17S	134.14E	20	4.6	4.3			5.1	5.1	1.1	87	阿鲁群岛地区 (204)Aroe Islands region
1038	14 14	01-12-19.9	40.74N	122.52E	12			3.5				2.5	12	中国东北部 (658)North-Eastern China
1039	14 14	08-34-47.8	2.98S	138.66E	77		4.4			5.0	5.1	1.1	114	西伊里安 (201)West Irian
1040	14 14	09-20-11.3	38.67N	98.46E	7	3.5	3.6	3.4				2.8	12	青海省 (325)Qinghai Province
1041	14 15	17-01-46.1	39.52N	73.63E	17	4.1	4.2	4.1				2.1	11	塔吉克——新疆边境地区 (719)Tadzhikistan-Xinjiang border region
1042	14 15	20-06-49.9	20.04S	175.94W	226				5.4	5.1	5.2	1.0	174	斐济地区 (181)Fiji region
1043	15 15	00-59-19.7	42.50N	44.03E	10	6.5	6.2		6.5	5.9 6.1	6.1	1.2	512	高加索西部 (362)Western Caucasus
1044	15 15	01-13-22.5	58.29S	24.65W	51	6.7	6.4			6.0	5.8	1.4	91	南桑德韦奇群岛地区 (153)South Sandwich Islands region
1045	15 15	01-21-40.8	39.48N	141.77E	72	5.6	6.0		5.3	5.0	5.0	1.4	157	本州东海岸近海 (228)Near east coast of Honshu
1046	15 15	07-39-08.9	15.15N	120.41E	11	4.8	4.6		5.5	5.1 4.7	5.1	1.5	158	吕宋岛 (249)Luzon
1047	15 15	08-16-19.0	14.54N	119.58E	2	4.5	4.4			4.7	4.5	2.9	8	吕宋岛 (249)Luzon
1048	15 15	09-31-18.4	14.62N	120.12E	29	4.4	4.3			4.6	4.5	1.8	8	吕宋岛 (249)Luzon
1049	15 15	09-48-55.7	14.84N	120.39E	6					4.6	4.4	2.2	9	吕宋岛 (249)Luzon
1050	15 15	10-41-13.6	15.32N	120.57E	10	5.5	5.3		5.7	5.4 5.4	5.5	1.3	273	吕宋岛 (249)Luzon
1051	15 15	11-11-18.0	15.00N	120.49E	10	4.5				5.2	5.0	1.5	80	吕宋岛 (249)Luzon
1052	15 15	11-15-27.4	15.10N	120.38E	10	5.5	5.3		5.8	5.7 5.5	5.7	1.2	274	吕宋岛 (249)Luzon
1053	15 15	11-32-18.7	15.00N	120.57E	18					5.0	5.0	1.5	64	吕宋岛 (249)Luzon
1054	15 15	12-25-30.2	14.94N	120.66E	14	4.5	4.3			4.9	5.0	1.5	91	吕宋岛 (249)Luzon
1055	15 15	13-13-31.0	14.78N	120.10E	11					4.6	4.6	2.2	8	吕宋岛 (249)Luzon
1056	15 15	13-26-12.3	15.02N	120.27E	5					4.5	4.5	3.3	7	吕宋岛 (249)Luzon

1057	15	16–32–26.8	38.85N	105.54E	26	4.8	4.4	5.1	5.5	5.0		5.1	2.1	105	中国北部	
	16	00													(323)Northern China	
1058	15	17–01–54.1	52.71N	160.42E	28	5.0	4.8		5.3	4.9	4.8	5.0	1.1	188	堪察加东海岸远海	
	16	01													(219)Off east coast of Kamchatka	
1059	15	17–42–14.0	31.01N	86.45E	30	4.4	4.1			4.4	4.1	4.4	2.7	27	西藏自治区	
	16	01													(306)Tibet	
1060	15	19–48–52.8	15.06N	120.43E	13	4.6	4.4			5.0		5.0	1.6	110	吕宋岛	
	16	03													(249)Luzon	
1061	15	23–02–14.0	10.15N	125.85E	70	5.7	5.8		6.1	5.9		6.0	1.4	484	棉兰老岛	
	16	07													(259)Mindanao	
1062	16	02–07–18.8	39.35N	73.70E	35	5.5	5.4		6.3	6.0			2.1	9	塔吉克——新疆边境地区	
	16	10													(719)Tadzhikistan–Xinjiang border region	
1063	16	02–07–40.2	15.12N	120.43E	11	5.2	5.1		5.8	5.7	5.2	5.7	1.3	270	吕宋岛	
	16	10													(249)Luzon	
1064	16	06–58–21.2	15.19N	120.69E	14	5.2	5.0		5.5	5.1	5.0	5.1	1.3	156	吕宋岛	
	16	14													(249)Luzon	
1065	16	09–51–08.2	15.08N	120.54E	19	4.5	4.4		5.1	5.0	4.4	5.0	1.5	132	吕宋岛	
	16	17													(249)Luzon	
1066	16	13–26–43.3	14.96N	120.41E	16	4.5	4.2		5.2	4.9	4.4	5.0	1.6	107	吕宋岛	
	16	21													(249)Luzon	
1067	16	15–11–19.3	39.64N	118.37E	25			3.3					1.9	18	中国东北部	
	16	23													(658)North–Eastern China	
1068	16	20–36–52.7	15.14N	120.40E	12	5.6	5.2		5.4	4.9		5.0	1.4	144	吕宋岛	
	17	04													(249)Luzon	
1069	16	20–37–19.8	15.08N	120.55E	10	5.5	5.4		5.9	5.4	5.0	5.5	1.3	52	吕宋岛	
	17	04													(249)Luzon	
1070	16	20–40–39.5	15.13N	120.46E	11	5.2	5.3		5.4	5.2		5.2	1.6	60	吕宋岛	
	17	04													(249)Luzon	
1071	16	20–49–00.9	39.62N	144.70E	29		5.4			5.1	5.4	5.2	1.0	170	本州东海岸远海	
	17	04													(229)Off east coast of Honshu	
1072	17	05–09–52.7	0.52N	122.48E	97					5.2		5.3	1.6	126	米那哈沙半岛(西里伯斯)	
	17	13													(265)Minahassa Peninsula (Celebes)	
1073	17	06–55–14.8	35.86N	84.88E	22	5.1	4.7	5.3	5.2	4.7	4.7	4.9	2.0	99	西藏自治区	
	17	14													(306)Tibet	
1074	17	09–20–01.3	5.50S	147.11E	201					5.4		5.4	1.2	54	新几内亚东部地区	
	17	17													(207)Eastern New Guinea region	
1075	17	21–36–55.8	20.54S	178.27W	515				4.9	5.1		5.1	1.1	127	斐济地区	
	18	05													(181)Fiji region	
1076	18	11–33–18.1	0.16N	149.30E	37	5.3	5.2		5.8	5.6	5.3	5.7	1.2	266	阿德默勒尔蒂群岛地区	
	18	19													(199)Admiralty Islands region	
1077	18	15–38–40.6	39.52N	72.74E	58	4.5	4.4	5.2		4.9		5.0	1.1	167	吉尔吉斯	
	18	23													(716)Kirgiziya	
1078	18	20–18–03.6	35.92N	84.80E	17	4.5	4.3	4.5		4.5		4.0	2.4	41	西藏自治区	
	19	04													(306)Tibet	
1079	18	23–01–34.2	82.18N	119.02E	26	4.7	4.4			4.9		5.0	0.8	204	北地群岛以东地区	
	19	07													(654)East of Severnaya Zemlya	
1080	19	11–38–22.8	20.10S	133.99E	10					5.1		5.2	1.7	69	澳北区	
	19	19													(591)Northern Territory, Australia	
1081	19	16–25–54.7	2.36S	134.45E	20	4.7	4.5		5.7	5.3		5.4	1.4	137	西伊里安地区	
	20	00													(196)West Irian region	
1082	19	18–14–42.3	31.89N	113.36E	26			3.2					2.4	15	中国东部	
	20	02													(664)Eastern China	

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1083	19	19–25–16.3	24.19S	179.89E	631			5.1		5.0	1.4	25 斐济以南地区
	20	03										(171)South of Fiji
1084	19	20–14–17.1	58.17S	24.87W	32	5.8	5.4	5.7	5.3	5.4	5.3	1.8	115 南桑德韦奇群岛地区
	20	04											(153)South Sandwich Islands region
1085	19	20–59–27.5	58.21S	24.93W	32	5.9	5.4		5.3	4.9	5.3	1.7	65 南桑德韦奇群岛地区
	20	04											(153)South Sandwich Islands region
1086	19	21–42–41.3	24.35N	120.06E	9			3.6			2.0		9 台湾地区
	20	05											(243)Taiwan region
1087	19	22–15–03.3	39.92N	75.05E	29			4.2			3.6		5 新疆自治区南部
	20	06											(321)Southern Xinjiang Province
1088	20	00–41–35.0	38.87N	74.51E	18			3.7			2.7		5 塔吉克——新疆边境地区
	20	08											(719)Tadzhikistan–Xinjiang border region
1089	20	01–10–39.7	19.69S	177.77W	432				5.4	5.0	5.0	1.2	142 斐济地区
	20	09											(181)Fiji region
1090	20	01–56–10.7	39.31N	74.54E	21			4.1			4.1		8 塔吉克——新疆边境地区
	20	09											(719)Tadzhikistan–Xinjiang border region
1091	20	03–21–46.3	58.19S	24.85W	32		5.2		6.2	5.0	5.1	5.1	1.5	61 南桑德韦奇群岛地区
	20	11												(153)South Sandwich Islands region
1092	20	05–18–52.3	1.22N	122.79E	30	7.0	7.0		6.6	6.1	7.0	6.2	1.5	415 米那哈沙半岛(西里伯斯)
	20	13												(265)Minahassa Peninsula (Celebes)
1093	20	06–27–23.7	1.19N	122.90E	19	5.6	5.5		5.9	5.5	5.4	5.6	1.4	200 米那哈沙半岛(西里伯斯)
	20	14												(265)Minahassa Peninsula (Celebes)
1094	20	08–23–23.2	18.45N	120.56E	37	4.9	4.6	4.7	5.6	5.1		5.2	1.6	175 吕宋岛
	20	16												(249)Luzon
1095	20	08–28–46.5	11.01S	165.96E	17					5.0		5.2	2.3	81 圣克鲁斯群岛
	20	16												(184)Santa Cruz Islands
1096	20	09–04–50.8	1.24N	122.91E	33	4.9				4.8		5.0	1.4	62 米那哈沙半岛(西里伯斯)
	20	17												(265)Minahassa Peninsula (Celebes)
1097	20	10–56–24.2	40.26N	109.32E	6			3.1			3.2			7 中国北部
	20	18												(323)Northern China
1098	20	13–44–54.8	39.39N	74.45E	28			4.3			3.0			10 塔吉克——新疆边境地区
	20	21												(719)Tadzhikistan–Xinjiang border region
1099	20	16–26–42.5	37.69N	112.72E	10	3.5		3.2			2.2			12 中国东北部
	21	00												(658)North–Eastern China
1100	21	05–25–01.9	6.40S	155.65E	224					5.0	5.0	1.1		14 所罗门群岛
	21	13												(193)Solomon Islands
1101	21	06–08–59.3	2.46N	126.81E	64	4.7	4.5		5.4	5.2	5.3	1.3		138 马鲁古海峡
	21	14												(266)Molucca Passage
1102	21	06–27–39.1	13.44N	89.58W	70	5.8	5.5			5.3	5.3	1.5		288 中美洲海岸远海
	21	14												(76)Off coast of Central America
1103	21	06–45–36.4	5.97S	104.84E	53	5.1	4.8		5.7	5.5	5.6	1.2		227 巽他海峡
	21	14												(276)Sunda Strait
1104	21	07–11–33.3	39.28N	74.38E	5	4.3	4.4	3.6			3.9			9 塔吉克——新疆边境地区
	21	15												(719)Tadzhikistan–Xinjiang border region
1105	21	09–48–48.2	38.85N	75.13E	26			4.0		4.6	4.2	3.3		15 塔吉克——新疆边境地区
	21	17												(719)Tadzhikistan–Xinjiang border region
1106	21	12–14–16.3	1.31N	122.88E	26	4.8	4.7		5.6	5.2	4.6	5.2	1.4	158 米那哈沙半岛(西里伯斯)
	21	20												(265)Minahassa Peninsula (Celebes)
1107	21	16–17–29.7	1.10N	123.08E	29	4.8	4.7		5.3	5.3	4.7	5.5	1.3	189 米那哈沙半岛(西里伯斯)
	22	00												(265)Minahassa Peninsula (Celebes)
1108	21	20–46–08.0	6.88S	130.06E	114					5.1	5.1	0.9		22 班达海
	22	04												(280)Banda Sea

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1109	22	00–30–25.9	23.95N	108.52W	9	6.0	6.0			5.4	6.1	5.5	1.4	233	下加利福尼亚
	22	08												(48)	Lower California
1110	22	10–06–13.8	22.62N	121.32E	70					4.5		4.2	2.2	40	台湾岛
	22	18												(244)	Taiwan
1111	23	02–45–42.1	32.65N	77.16E	5	4.4	4.1	4.7	5.2	4.9			1.6	40	克什米尔南部地区
	23	10												(303)	Southern Kashmir region
1112	23	05–03–15.0	7.79S	159.09E	61					5.2		5.3	0.9	118	所罗门群岛
	23	13												(193)	Solomon Islands
1113	23	08–19–33.3	10.94S	166.21E	163					5.1		5.1	1.0	192	圣克鲁斯群岛
	23	16												(184)	Santa Cruz Islands
1114	23	10–03–59.8	26.62N	93.17E	33	4.7	4.4	4.8	5.5	5.2	4.4	5.3	1.2	364	印度东部
	23	18												(317)	Eastern India
1115	23	10–44–01.7	39.50N	29.88W	10	5.5	4.6			5.1	4.5	5.1	1.1	223	亚速尔群岛
	23	18												(405)	Azores
1116	23	11–38–30.2	41.91N	142.11E	76	4.2	4.1			5.0		5.0	1.3	225	北海道地区
	23	19												(224)	Hokkaido region
1117	23	13–26–35.7	0.98N	126.07E	84					4.8		5.0	1.0	44	马鲁古海峡
	23	21												(266)	Molucca Passage
1118	23	16–36–11.0	36.82N	106.18E	11			3.1					1.6	13	中国北部
	24	00												(323)	Northern China
1119	23	18–03–11.1	23.15N	120.61E	7	4.1	4.0	4.3		4.2		4.3	2.7	37	台湾岛
	24	02												(244)	Taiwan
1120	23	21–22–28.8	26.71S	63.28W	559				6.8	6.3		6.4	1.1	599	阿根廷圣地亚哥德尔埃斯特罗省
	24	05												(132)	Santiago del Estero Province,Argent
1121	23	23–14–45.3	26.86S	63.26W	579				5.7	5.6		5.6	1.0	364	阿根廷圣地亚哥德尔埃斯特罗省
	24	07												(132)	Santiago del Estero Province,Argent
1122	24	03–09–49.7	10.40S	123.99E	28		4.5		5.9	5.3		5.4	1.2	97	帝汶岛
	24	11												(289)	Timor
1123	24	04–59–03.7	58.46N	137.12W	10	5.9	5.5		5.9	5.4	5.5	5.6	1.1	434	阿拉斯加东南部海岸远海
	24	12												(20)	Off coast of South–Eastern Alaska
1124	24	08–12–42.7	22.90S	171.20E	60					5.0		5.0	1.6	49	洛亚尔提群岛地区
	24	16												(189)	Loyalty Islands region
1125	24	16–57–06.5	40.92N	122.41E	8			3.1					4.1	7	中国东北部
	25	00												(658)	North–Eastern China
1126	24	17–46–22.7	24.28N	122.18E	30	4.4	4.1	4.9	4.8	4.4		4.4	1.7	87	台湾岛
	25	01												(244)	Taiwan
1127	24	18–43–48.0	24.63N	121.90E	18	4.3	3.8	4.4		4.2		4.3	1.8	49	台湾岛
	25	02												(244)	Taiwan
1128	24	19–54–03.2	51.27N	178.66W	33	5.1	4.7		5.5	5.2	4.7	5.3	1.1	255	安德烈亚诺夫群岛
	25	03												(7)	Andreanof Islands
1129	25	03–49–17.7	36.58N	140.91E	64	4.7	4.6		5.0	4.9		5.0	1.3	202	本州东海岸近海
	25	11												(228)	Near east coast of Honshu
1130	25	09–41–01.7	24.46N	122.55E	7		3.3	3.9		4.1		4.3	2.4	19	台湾地区
	25	17												(243)	Taiwan region
1131	25	15–20–12.7	47.75N	84.95E	6			3.2					4.7	6	哈萨克——新疆边境地区
	25	23												(331)	Kazakhstan–Xinjiang border region
1132	25	18–14–23.2	3.75S	134.88E	32					5.1		5.2	1.3	27	西伊里安地区
	26	02												(196)	West Irian region
1133	25	18–16–44.7	4.36S	152.89E	51		4.3			5.2	4.4	5.1	1.3	102	新不列颠地区
	26	02												(192)	New Britain region
1134	25	20–34–57.8	21.50N	93.94E	58	4.3	3.9	4.7	5.3	4.9	3.9	5.0	1.3	204	缅甸
	26	04												(296)	Burma

1135	25 26	23-06-56.9	5.27N	72.92W	13		4.9			5.0	4.8	5.1	1.5	165	哥伦比亚 (103)Colombia
1136	25 26	23-27-42.0	36.01N	111.61E	15			3.4					2.3	14	中国东部 (664)Eastern China
1137	26 26	11-43-35.1	38.38N	21.14E	47	5.2	4.9		5.5	5.0	5.1	5.0	1.5	245	爱奥尼亚海 (399)Ionian Sea
1138	26 27	16-34-10.0	38.61N	76.95E	25			3.6					3.4	5	新疆自治区南部 (321)Southern Xinjiang Province
1139	26 27	16-51-58.9	24.61N	122.55E	29			3.5		4.6		4.2	1.5	15	台湾地区 (243)Taiwan region
1140	26 27	17-51-39.1	39.27N	123.67E	16			3.2					1.9	12	中国东北部 (658)North-Eastern China
1141	26 27	18-28-56.6	42.01N	84.63E	10			3.0					2.2	9	新疆自治区南部 (321)Southern Xinjiang Province
1142	26 27	19-56-47.1	10.39N	125.22E	42	4.8	4.6			4.8	4.5	5.0	1.2	104	棉兰老岛 (259)Mindanao
1143	26 27	22-22-10.8	27.64N	115.89E	7			3.1					3.5	8	中国东部 (664)Eastern China
1144	26 27	23-07-05.9	0.04S	123.59E	112				5.6	5.4		5.5	1.3	197	米那哈沙半岛(西里伯斯) (265)Minahassa Peninsula (Celebes)
1145	27 27	10-56-16.7	24.21N	101.30E	13			3.5					2.2	14	云南省 (318)Yunnan Province
1146	27 27	11-55-15.1	56.52S	142.23W	6	5.5	5.0			4.8	5.1	5.1	2.7	15	南太平洋海山 (691)South Pacific Cordillera
1147	27 27	12-37-10.8	40.04N	98.51E	5	3.6	3.8	4.1					2.6	17	甘肃省 (322)Gansu Province
1148	27 28	19-42-40.5	24.39N	108.19W	8	5.6	5.5			5.4	5.6	5.5	1.6	126	加利福尼亚湾 (49)Gulf of California
1149	28 28	01-00-19.5	59.48S	29.35W	5		5.2			5.0	4.5	5.2	1.8	25	南桑德韦奇群岛地区 (153)South Sandwich Islands region
1150	28 28	11-17-58.4	37.56N	112.50E	20			3.5					2.6	26	中国东北部 (658)North-Eastern China
1151	28 28	13-54-40.1	6.61S	105.57E	112				5.8	5.2		5.3	1.3	135	爪哇岛 (277)Java
1152	28 28	14-43-53.0	34.22N	118.04W	10	5.5	5.2		6.1	5.8	5.1	5.8	1.4	303	加利福尼亚州南部 (43)Southern California
1153	29 29	02-31-24.6	23.98N	101.30E	10			3.2					1.8	8	云南省 (318)Yunnan Province
1154	29 29	03-44-15.0	0.32S	132.29E	33	4.6	4.4			5.1	4.3	5.2	1.2	95	西伊里安地区 (196)West Irian region
1155	29 29	12-34-24.1	40.43N	123.21E	11			3.0					1.8	7	中国东北部 (658)North-Eastern China
1156	29 30	16-26-26.9	16.88S	173.74W	32					5.2	4.3	5.2	1.1	76	汤加 (173)Tonga
1157	30 30	01-44-12.6	21.43S	114.09W	4	5.8	5.0		6.2	5.2	5.0	5.3	1.4	125	复活节岛海山 (684)Easter Island Cordillera
1158	30 30	02-33-15.5	11.97N	142.22E	35	4.8	4.7			5.0		5.0	1.5	83	加罗林群岛西部 (209)Western Caroline Islands
1159	30 30	03-08-13.9	14.29S	13.58W	9	5.9	5.6		6.1	5.2	5.5	5.3	1.1	205	南大西洋海岭 (410)South Atlantic Ridge
1160	30 30	08-38-27.9	14.44N	119.89E	15					4.1		4.1	2.2	16	菲律宾群岛地区 (248)Philippine Islands region

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1161	30 1	22–59–09.0 06	2.62S	138.87E	33					5.0		5.0	1.1	57	西伊里安 (201)West Irian	

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1162	1 1	06–18–05.4 14	24.90N	99.07E	17	4.8	4.4	4.7	5.0	4.6		4.6	1.9	94	缅甸——中国边境地区 (297)Burma–China border region	
1163	1 1	06–26–51.4 14	24.87N	99.07E	13			3.5					2.6	10	缅甸——中国边境地区 (297)Burma–China border region	
1164	1 1	07–01–11.1 15	10.34S	124.04E	23		4.2			5.0		5.1	1.2	78	帝汶岛 (289)Timor	
1165	1 1	12–21–52.2 20	39.58N	118.32E	17			3.0					2.4	9	中国东北部 (658)North–Eastern China	
1166	1 1	13–32–41.2 21	15.67S	74.92W	17	6.1	5.9		6.0	5.4	5.9	5.4	1.7	205	秘鲁海岸远海 (114)Off coast of Peru	
1167	1 2	22–55–45.6 06	6.47S	154.99E	99					4.9		5.0	1.0	41	所罗门群岛 (193)Solomon Islands	
1168	2 2	05–14–29.7 13	1.04S	99.82E	52	6.3	6.1		6.2	5.8	6.1	5.8	1.4	435	苏门答腊南部 (274)Southern Sumatera	
1169	2 2	06–08–08.9 14	23.21S	179.12W	429				5.8	5.6		5.7	1.2	358	斐济以南地区 (171)South of Fiji	
1170	2 2	13–39–08.0 21	7.37S	81.04W	30	5.8	5.6			4.9	4.2	5.1	1.6	94	秘鲁北部海岸远海 (108)Off coast of Northern Peru	
1171	2 3	18–15–49.0 02	27.63N	93.49E	16			3.2					3.4	6	印度——中国边境地区 (313)India–China border region	
1172	2 3	19–54–29.5 03	11.36N	85.60W	29		4.9			4.7	5.0	4.8	1.2	126	哥斯达黎加海岸远海 (77)Off coast of Costa Rica	
1173	2 3	21–24–02.7 05	72.98N	12.27E	10	5.1	4.8		5.3	5.2	4.7	5.4	0.9	339	挪威海 (642)Norwegian Sea	
1174	2 3	21–56–40.5 05	5.08S	153.67E	59		4.4		5.5	5.1		5.3	1.1	138	新爱尔兰地区 (190)New Ireland region	
1175	2 3	23–31–57.8 07	32.09N	85.08E	16	4.9	4.6			4.6	4.5	4.7	1.5	98	西藏自治区 (306)Tibet	
1176	3 3	12–38–18.1 20	24.78N	98.94E	9			3.6					2.3	8	缅甸——中国边境地区 (297)Burma–China border region	
1177	3 4	23–45–00.3 07	26.16N	99.68E	8	4.2	4.0	4.1		4.4		4.5	2.3	50	云南省 (318)Yunnan Province	
1178	4 4	06–26–31.2 14	42.43N	44.13E	20	5.3	5.0		5.7	5.0	4.9	5.0	1.3	252	土耳其——苏联边境地区 (367)Turkey–USSR border region	
1179	4 4	06–54–15.9 14	8.43S	111.01E	114				5.4	5.4		5.3	1.5	158	爪哇岛 (277)Java	
1180	4 4	07–08–31.7 15	8.12S	124.72E	28	5.0	4.9		5.8	5.2	4.8	5.4	1.5	185	帝汶岛 (289)Timor	
1181	4 4	09–38–40.0 17	43.79N	111.48E	10			3.5					2.2	8	蒙古 (334)Mongolia	
1182	4 4	10–32–36.1 18	28.62N	142.58E	28	4.2	4.2			4.9	3.7	5.0	1.2	149	小笠原群岛地区 (212)Bonin Islands region	
1183	4 4	10–49–45.1 18	26.00N	99.82E	12	3.6		3.6					2.9	12	云南省 (318)Yunnan Province	
1184	4 4	11–23–07.1 19	26.02N	99.74E	4			3.3					1.9	6	云南省 (318)Yunnan Province	
1185	4 4	11–43–10.2 19	8.05S	124.72E	27	6.5	6.5		6.6	6.0	6.5	6.2	1.4	382	帝汶岛 (289)Timor	

1186	4 4	12–30–06.0 20	8.12S	124.68E	68	5.3	5.3		4.8	5.3	5.1	1.4	53	帝汶岛 (289)Timor
1187	4 4	13–56–06.1 21	8.11S	124.76E	18	5.2	4.9	5.7	5.1	5.0	5.3	1.3	137	帝汶岛 (289)Timor
1188	5 5	03–47–46.6 11	3.73S	135.90E	38	5.1	5.0	5.9	5.4	5.1	5.4	1.5	181	西伊里安地区 (196)West Irian region
1189	5 5	04–30–52.0 12	9.56S	114.70E	52	5.5	5.4	5.9	5.6	5.6	5.7	1.3	243	巴厘以南地区 (284)South of Bali
1190	5 5	10–58–27.7 18	47.94N	145.80E	468			5.9	5.6		5.6	0.9	485	鄂霍次克海 (663)Sea of Okhotsk
1191	5 5	12–28–00.2 20	24.05N	121.12E	18		3.1					2.1	6	台湾岛 (244)Taiwan
1192	5 6	16–46–57.5 00	47.64N	154.21E	25	4.6	4.5	5.6	5.2	4.5	5.2	1.0	212	千岛群岛 (221)Kurile Islands
1193	5 6	17–07–03.5 01	7.92S	124.76E	28	4.6	4.3	5.2	5.2	4.4	5.3	1.2	114	帝汶岛 (289)Timor
1194	6 6	07–49–24.9 15	32.09N	120.42E	27		3.6					1.8	12	中国东部 (664)Eastern China
1195	6 6	12–19–49.2 20	12.99S	72.10W	100			6.3	6.1		6.2	1.5	497	秘鲁 (116)Peru
1196	6 6	15–08–24.9 23	2.57N	126.64E	96			5.6	5.4		5.5	1.2	179	马鲁古海峡 (266)Molucca Passage
1197	6 7	16–10–57.7 00	27.90N	101.15E	26		3.4					2.5	13	云南省 (318)Yunnan Province
1198	6 7	16–58–47.1 00	21.19N	121.62E	105				4.2		4.2	1.5	32	菲律宾群岛地区 (248)Philippine Islands region
1199	6 7	19–00–12.4 03	16.70S	167.47E	25	5.3	5.0	5.5	4.7	5.2	5.0	1.5	116	瓦努阿图(新赫布里底) (186)Vanuatu (New Hebrides)
1200	7 7	00–58–17.5 08	5.50N	126.02E	122				5.0		5.0	1.3	110	棉兰老岛 (259)Mindanao
1201	7 7	03–16–38.7 11	31.79N	102.64E	11	3.8		3.6				2.6	16	四川省 (307)Sichuan Province
1202	8 8	10–30–38.2 18	24.64N	124.30E	9			3.3	4.3		4.5	1.8	13	琉球群岛西南部 (246)South–western Ryukyu Islands
1203	8 8	10–45–33.2 18	20.19S	133.85E	5				5.1		5.1	1.4	60	澳北区 (591)Northern Territory, Australia
1204	8 8	15–30–17.6 23	23.76N	142.93E	32	4.3	4.2	5.4	4.8	4.2	5.0	1.3	105	硫黄列岛地区 (213)Volcano Islands region
1205	8 9	21–14–21.4 05	53.23N	159.83E	44	4.5	4.5	5.0	5.3	4.4	5.4	0.9	307	堪察加东海岸远海 (219)Off east coast of Kamchatka
1206	8 9	22–57–38.2 06	33.15N	104.20E	5		3.1					3.6	8	四川省 (307)Sichuan Province
1207	9 9	05–33–48.9 13	15.17N	120.11E	29				4.5		4.5	1.8	8	吕宋岛 (249)Luzon
1208	9 9	05–54–06.6 13	20.52S	68.80W	96				5.3		5.3	1.2	162	智利北部 (123)Northern Chile
1209	9 9	06–53–33.8 14	23.26N	65.50W	10	5.8	5.3	5.9	5.4	5.3	5.5	1.2	315	北大西洋 (402)North Atlantic Ocean
1210	9 9	08–13–59.3 16	25.96N	99.78E	12		3.5					1.5	9	云南省 (318)Yunnan Province
1211	9 9	15–49–38.6 23	8.11S	124.68E	52	4.9	4.2		5.2		5.2	1.5	43	帝汶岛 (289)Timor

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1212	9	16–14–31.4	4.90S	144.45E	53					5.2		5.2	1.4	42	新几内亚
	10	00													(202)New Guinea
1213	10	05–16–55.3	53.15N	159.76E	23	4.3	4.3			5.0	4.3	5.1	1.0	147	堪察加东海岸远海
	10	13													(219)Off east coast of Kamchatka
1214	10	05–34–06.1	9.07N	124.14E	520					4.9		5.0	1.0	83	棉兰老岛
	10	13													(259)Mindanao
1215	10	05–52–01.8	43.38N	145.73E	100				5.6	5.3		5.4	1.0	346	北海道地区
	10	13													(224)Hokkaido region
1216	10	06–53–04.6	0.67S	120.00E	47	4.4	4.4			4.9	4.4	5.0	1.0	81	苏拉威西(西里伯斯)岛
	10	14													(268)Sulawesi (Celebes)
1217	10	09–49–25.4	12.49N	93.81E	118				5.2	5.2		5.2	1.4	156	安达曼群岛地区
	10	17													(703)Andaman Islands region
1218	10	19–16–47.7	24.24N	121.78E	10	3.3		3.5					3.4	8	台湾岛
	11	03													(244)Taiwan
1219	10	20–25–29.8	10.05N	126.24E	32	4.0	4.2			4.9	4.2	5.1	1.4	97	棉兰老岛
	11	04													(259)Mindanao
1220	10	23–41–02.4	17.33S	179.66W	438					4.9		5.1	1.4	127	斐济地区
	11	07													(181)Fiji region
1221	11	01–12–37.4	1.24N	122.76E	33					5.0		5.0	1.5	51	米那哈沙半岛(西里伯斯)
	11	09													(265)Minahassa Peninsula (Celebes)
1222	11	02–02–28.5	16.70S	167.35E	30		4.6			5.0	4.7	5.1	1.5	70	瓦努阿图(新赫布里底)
	11	10													(186)Vanuatu (New Hebrides)
1223	11	03–15–59.3	57.93S	25.45W	33					5.3		5.4	1.6	82	南桑德韦奇群岛地区
	11	11													(153)South Sandwich Islands region
1224	11	11–05–07.2	39.72N	118.49E	10			3.9		4.5			2.5	24	中国东北部
	11	19													(658)North–Eastern China
1225	12	04–42–22.9	39.35S	175.91E	69					5.3		5.3	1.3	92	新西兰北岛
	12	12													(159)North Island, New Zealand
1226	12	10–42–20.7	45.36N	21.04E	9	6.0	5.7			5.0	5.7	5.3	1.5	338	南斯拉夫
	12	18													(383)Yugoslavia
1227	12	11–25–29.2	35.56S	179.04E	68					5.2		5.2	1.1	19	新西兰北岛东海岸远海
	12	19													(160)Off east coast of North Island, N.Z
1228	12	14–59–47.6	10.77S	166.11E	202					5.2		5.2	1.1	92	圣克鲁斯群岛
	12	22													(184)Santa Cruz Islands
1229	12	19–26–16.4	20.48N	101.89E	20			4.1					2.0	12	印度支那半岛
	13	03													(299)Indo–Pacific Peninsula
1230	12	19–38–38.1	39.80N	118.29E	15			3.3					2.0	17	中国东北部
	13	03													(658)North–Eastern China
1231	12	21–56–31.5	39.59N	94.97E	8	4.2	3.7	4.1					2.3	29	甘肃省
	13	05													(322)Gansu Province
1232	12	22–05–59.2	39.53N	94.90E	14	4.5	4.4	5.1		4.7	4.5	4.8	1.6	125	甘肃省
	13	06													(322)Gansu Province
1233	13	02–50–13.9	42.19N	125.71W	13	6.9	6.8		6.4	6.0	6.9	6.2	1.1	581	加利福尼亚北部海岸远海
	13	10													(34)Off coast of Northern California
1234	13	11–28–52.3	40.84N	98.51E	10			3.3					4.1	5	中国北部
	13	19													(323)Northern China
1235	13	12–15–12.5	48.79N	154.94E	40	5.8	5.7		6.0	5.6	5.8	5.7	1.0	469	千岛群岛
	13	20													(221)Kurile Islands
1236	13	18–29–20.4	38.60N	72.73E	34			4.7		4.6		4.5	1.8	19	塔吉克
	14	02													(715)Tadzhikistan
1237	14	09–09–11.3	36.38N	71.10E	211				6.7	6.2		6.4	1.1	670	兴都库什地区
	14	17													(718)Hindu Kush region

1238	14 14	10–03–24.3	32.65S	109.10W	6				4.9		5.0	1.7	46	复活节岛海山 (684)Easter Island Cordillera
1239	14 14	14–19–07.7	36.41N	138.38E	189			5.3	5.3		5.2	1.2	163	本州岛 (227)Honshu
1240	15 15	06–48–19.7	4.74N	127.19E	103				5.1		5.1	1.3	60	塔劳群岛 (263)Talaud Islands
1241	15 15	12–22–11.1	45.23N	150.83E	25	4.8	4.7	5.4	5.5		5.6	1.1	251	千岛群岛地区 (222)Kurile Islands region
1242	15 15	12–27–02.9	18.83S	178.27W	594				5.0		5.1	1.1	29	斐济地区 (181)Fiji region
1243	15 15	15–57–46.2	24.00S	179.76W	505				5.0		5.2	1.2	137	斐济以南地区 (171)South of Fiji
1244	15 16	18–09–59.3	21.76S	138.97W	5				5.2		5.3	1.2	126	土阿莫土群岛地区 (631)Tuamotu Archipelago region
1245	15 16	19–20–15.9	26.19N	105.51E	7			3.2			3.2		11	中国东部 (664)Eastern China
1246	15 16	19–53–01.5	25.56N	124.81E	140				4.0		3.9	1.6	28	台湾东北以远地区 (245)North–east of Taiwan
1247	15 16	22–42–29.6	18.95N	119.65E	32				4.2		4.2	1.7	12	菲律宾群岛地区 (248)Philippine Islands region
1248	16 16	12–17–20.1	20.49N	102.00E	15	4.1		4.2			2.2		9	印度支那半岛 (299)Indo–Pacific Peninsula
1249	16 16	15–30–06.6	24.82N	125.40E	50	4.4	4.3	4.7	5.2	4.6	5.4	1.4	238	琉球群岛西南部 (246)South–western Ryukyu Islands
1250	17 17	01–06–38.7	29.56N	104.34E	7			3.3			2.6		13	四川省 (307)Sichuan Province
1251	17 17	07–12–08.3	50.90N	130.34W	13	5.5	5.4	5.5	5.0	5.3	5.1	1.5	191	温哥华岛地区 (25)Vancouver Island region
1252	17 18	16–41–24.7	3.87S	104.02W	6	5.8	5.5		4.9	5.5	5.0	1.7	86	复活节岛海山北部 (694)Northern Easter I. Cordillera
1253	17 18	17–27–32.5	7.15S	67.90E	9	5.2	5.0		4.8	5.0	4.8	1.2	100	中印度洋海丘 (429)Mid–Indian Rise
1254	17 18	17–35–51.7	3.79N	63.30E	10	5.2	4.7		4.8	4.7	5.0	1.0	49	卡尔斯伯格海岭 (421)Carlsberg Ridge
1255	17 18	18–54–16.7	3.81N	63.26E	9	5.0	4.5		4.8	4.4	5.0	1.1	87	卡尔斯伯格海岭 (421)Carlsberg Ridge
1256	18 18	04–54–46.8	8.09S	121.79E	32	5.2	5.0		5.8	5.4	5.0	5.4	1.5	140 佛罗勒斯地区 (286)Flores region
1257	18 18	09–50–36.4	8.20N	94.04E	27	5.4	5.1		5.5	5.3	5.0	5.4	1.3	148 尼科巴群岛地区 (704)Nicobar Islands region
1258	18 18	11–56–29.9	44.92N	22.43E	11	5.8	5.5		5.6	5.6	5.5	5.7	1.3	480 南斯拉夫 (383)Yugoslavia
1259	18 18	13–24–59.4	30.37N	94.86E	33	4.3	4.0	4.7		4.9		5.0	1.5	106 印度——中国边境地区 (313)India–China border region
1260	18 18	14–28–53.1	13.25N	144.15E	103				5.5	5.3		5.4	1.2	128 马里亚纳群岛以南地区 (210)South of the Marianas
1261	18 18	15–24–05.6	8.36N	94.41E	23	4.8	4.4		5.5	5.0		5.1	2.0	104 尼科巴群岛地区 (704)Nicobar Islands region
1262	18 19	17–45–42.5	30.32N	94.64E	32			2.9		4.1		4.2	1.9	31 印度——中国边境地区 (313)India–China border region
1263	18 19	23–29–56.0	39.44N	74.50E	28			4.2				3.4		9 塔吉克——新疆边境地区 (719)Tadzhikistan–Xinjiang border region

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1264	19 19	01–27–31.6	45.32N	21.06E	10	5.1	4.7			4.9	4.9	5.3	1.4	254	南斯拉夫 (383)Yugoslavia
1265	19 19	04–48–36.9	24.62N	122.43E	36	4.1	4.1	4.0		4.8		4.1	2.0	24	台湾岛 (244)Taiwan
1266	19 19	11–02–16.3	2.92N	126.27E	57					5.0		5.0	1.2	32	塔劳群岛 (263)Talaud Islands
1267	19 20	17–59–21.8	23.81N	99.64E	33			3.4					1.6	8	缅甸——中国边境地区 (297)Burma–China border region
1268	19 20	18–42–14.0	23.55N	121.62E	9	4.0	3.8	4.1		4.5		4.0	2.4	27	台湾岛 (244)Taiwan
1269	20 20	11–48–46.0	54.56N	161.73W	32	5.8	5.5		6.0	5.7	5.5	5.8	1.2	463	阿拉斯加半岛 (12)Alaska Peninsula
1270	20 20	13–01–13.3	37.35N	113.21E	24			3.0					2.0	14	中国东部 (664)Eastern China
1271	20 21	17–42–08.4	24.58N	120.89E	30			3.7		4.3		4.3	2.0	16	台湾岛 (244)Taiwan
1272	20 21	18–52–23.5	30.33N	94.78E	33	3.8	4.2			4.3		4.5	2.0	41	印度——中国边境地区 (313)India–China border region
1273	20 21	19–02–30.1	30.36N	94.85E	24	4.1	3.7	4.3		4.7		4.8	1.7	105	印度——中国边境地区 (313)India–China border region
1274	20 21	20–24–49.0	39.37N	106.53E	13	3.0	2.7	3.3					1.5	10	中国北部 (323)Northern China
1275	21 21	14–28–20.1	5.21S	102.63E	42	4.7	4.5			5.1	4.5	5.1	1.0	93	苏门答腊南部 (274)Southern Sumatera
1276	21 22	22–59–09.4	3.03N	128.47E	34	5.2	5.2		6.0	5.8	5.2	5.9	1.3	279	马鲁古海峡 (266)Molucca Passage
1277	22 22	05–25–27.7	38.48N	100.05E	11			3.5					3.2	8	青海省 (325)Qinghai Province
1278	22 22	11–58–52.9	24.92N	99.13E	15	4.9	4.6	4.8	5.2	4.8	4.4	4.8	1.9	95	缅甸——中国边境地区 (297)Burma–China border region
1279	22 23	17–12–49.8	23.50N	143.05E	34	4.1	4.0			5.0	4.0	5.0	1.2	95	硫黄列岛地区 (213)Volcano Islands region
1280	23 23	11–22–09.8	5.85N	126.03E	146				5.4	5.5		5.6	1.3	215	棉兰老岛 (259)Mindanao
1281	23 23	12–19–50.5	20.94S	178.44W	567					5.1		5.0	1.0	101	斐济地区 (181)Fiji region
1282	23 23	13–25–46.8	3.80N	95.90E	46	5.3	5.1		5.9	5.7	5.1	5.8	1.1	457	北苏门答腊西海岸远海 (705)Off west coast of Northern Sumatera
1283	23 24	16–51–51.4	30.34N	94.79E	16	4.3	3.9			4.6		4.7	1.6	74	印度——中国边境地区 (313)India–China border region
1284	23 24	19–44–50.1	15.68S	71.63W	4		4.8			4.8	4.7	5.0	1.7	61	秘鲁海岸近海 (115)Near coast of Peru
1285	23 24	21–16–31.9	6.07S	130.26E	108					5.5		5.6	1.1	188	班达海 (280)Banda Sea
1286	23 24	21–16–43.0	24.77S	179.56W	469					5.0		5.0	1.1	104	斐济以南地区 (171)South of Fiji
1287	23 24	21–58–19.9	23.33N	99.67E	12	4.1	4.2	4.0		3.9		4.1	2.2	24	缅甸——中国边境地区 (297)Burma–China border region
1288	23 24	22–34–55.0	38.02N	106.34E	10			3.2					1.6	5	中国北部 (323)Northern China
1289	24 24	00–55–42.6	41.99N	89.58E	16			3.8					1.6	7	新疆自治区南部 (321)Southern Xinjiang Province

1290	24 24	03–10–40.4	52.23N	162.18E	34	4.8	4.5		5.5	5.0	4.2	5.1	0.9	137	堪察加东海岸远海
															(219)Off east coast of Kamchatka
1291	24 24	03–27–51.2	16.01S	73.66W	55		4.5			5.0		5.1	1.7	110	秘鲁海岸近海
															(115)Near coast of Peru
1292	24 24	06–06–44.1	30.34N	94.80E	33	4.0	3.8	5.0		4.7		4.8	1.7	70	印度——中国边境地区
															(313)India–China border region
1293	24 24	06–37–41.2	24.89N	98.94E	7			3.2					1.9	6	缅甸——中国边境地区
															(297)Burma–China border region
1294	24 24	08–17–12.2	30.22N	108.15E	17			3.8					2.8	20	四川省
															(307)Sichuan Province
1295	24 24	09–28–21.4	42.40N	79.83E	13			3.6					3.6	6	吉尔吉斯——新疆边境地区
															(320)Kirgiziya–Xinjiang border region
1296	24 24	09–36–36.5	32.28N	138.82E	245				5.3	5.2		5.1	1.1	223	本州以南地区
															(211)South of Honshu
1297	24 24	09–45–41.5	36.57N	44.07E	26	5.3	5.1		5.8	5.4	5.1	5.4	1.1	324	伊拉克
															(375)Iraq
1298	24 24	13–54–51.7	18.23S	34.86E	32	5.4	4.6			5.1	4.7	5.2	1.1	155	莫桑比克
															(581)Mocambique
1299	24 24	14–15–49.0	24.93N	98.97E	11			3.4					2.1	9	缅甸——中国边境地区
															(297)Burma–China border region
1300	24 24	14–20–13.6	24.79N	98.94E	5			3.4		4.7			2.9	12	缅甸——中国边境地区
															(297)Burma–China border region
1301	24 24	15–24–39.7	43.11N	78.14E	11	3.8	3.7	4.4		4.5	5.1	4.4	1.8	32	阿拉木图地区
															(330)Alma–Ata region
1302	25 25	01–52–42.9	30.37N	94.73E	16	4.0	3.9	4.4		4.7		4.8	1.7	63	印度——中国边境地区
															(313)India–China border region
1303	25 25	02–45–41.3	36.64N	111.38E	5			3.0					4.3	5	中国东部
															(664)Eastern China
1304	25 25	07–07–34.4	24.90N	98.96E	36			3.2					2.2	5	缅甸——中国边境地区
															(297)Burma–China border region
1305	25 25	12–25–00.1	5.74S	130.82E	32					5.2		5.2	1.0	84	班达海
															(280)Banda Sea
1306	25 25	15–25–29.2	17.81N	95.06W	125					5.3		5.4	1.0	277	墨西哥瓦哈卡州
															(60)Oaxaca, Mexico
1307	25 25	15–46–00.3	16.92N	101.37W	31	5.9	5.5		5.9	5.3	5.4	5.4	1.0	203	墨西哥格雷罗海岸近海
															(58)Near coast of Guerrero, Mexico
1308	26 26	06–56–50.7	14.95N	120.63E	32	4.9	4.7		5.4	5.0	4.6	5.0	1.3	132	吕宋岛
															(249)Luzon
1309	26 26	15–04–07.3	2.07S	128.09E	26		4.3			5.1	4.2	5.2	1.1	109	斯兰海
															(270)Ceram Sea
1310	27 27	09–39–32.5	1.89N	90.53W	8	5.8	5.0			5.0	5.2	5.0	1.5	63	加拉帕戈斯群岛地区
															(696)Galapagos Islands region
1311	27 27	09–54–47.0	39.72N	118.85E	6	4.1	4.0	4.0					2.3	33	中国东北部
															(658)North–Eastern China
1312	27 27	10–06–36.4	1.93N	90.37W	5		5.4			4.8	5.4	4.8	1.8	43	加拉帕戈斯群岛地区
															(696)Galapagos Islands region
1313	27 28	18–17–45.9	24.14N	121.07E	5			3.7		4.1			1.9	14	台湾岛
															(244)Taiwan
1314	28 28	00–07–41.8	21.40S	179.10W	617					4.7		5.0	0.9	62	斐济地区
															(181)Fiji region
1315	28 28	11–12–07.0	1.02N	120.62E	615					5.3		5.5	1.2	192	米那哈沙半岛(西里伯斯)
															(265)Minahassa Peninsula (Celebes)

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1316	28 29	17–29–29.0	36.26N	80.96E	13		3.8	4.2				1.6	9	克什米尔——西藏边境地区 (304)Kashmir–Tibet border region
1317	28 29	20–34–07.1	27.10N	102.82E	10			3.8				2.8	25	四川省 (307)Sichuan Province
1318	28 29	23–58–19.8	30.38N	94.79E	33	4.2	4.0	4.5	4.8	4.9	1.6	102	印度——中国边境地区 (313)India–China border region	
1319	29 29	01–50–08.0	2.89S	129.45E	33				5.1	5.2	1.6	53	斯兰岛 (272)Seram	
1320	29 29	03–20–15.1	30.27N	94.81E	32				4.4	4.6	2.1	28	印度——中国边境地区 (313)India–China border region	
1321	29 29	04–05–47.8	23.68N	121.29E	11			4.1	4.2		1.8	19	台湾岛 (244)Taiwan	
1322	29 29	09–28–02.8	60.44S	50.86W	31				5.0	5.0	2.5	20	斯科舍海 (150)Scotia Sea	
1323	29 29	13–52–40.0	14.15S	73.88W	98				5.4	5.5	1.5	178	秘鲁 (116)Peru	
1324	29 29	15–05–02.4	21.47N	111.87E	20			3.5			2.9	5	中国东部 (664)Eastern China	
1325	29 29	15–48–05.2	30.37N	94.77E	9	4.0	4.0	4.4	4.5		1.9	68	印度——中国边境地区 (313)India–China border region	
1326	29 30	16–14–45.2	29.96N	94.82E	5						2.8	7	印度——中国边境地区 (313)India–China border region	
1327	29 30	16–21–04.7	6.21N	127.34E	63				5.1	5.1	1.4	14	棉兰老岛 (259)Mindanao	
1328	29 30	23–51–06.3	30.02N	101.70E	10			3.4			2.0	14	四川省 (307)Sichuan Province	
1329	30 30	05–16–04.3	30.05N	131.27E	31	5.1	5.1	4.1	5.0	4.8	5.1	5.0	1.4	120	琉球群岛 (238)Ryukyu Islands
1330	30 30	09–39–39.3	18.91N	145.21E	595				4.9		5.0	1.0	188	马里亚纳群岛 (216)Marianas
1331	30 31	22–22–02.3	30.40N	94.75E	8	3.9	3.8		4.6			1.8	81	印度——中国边境地区 (313)India–China border region
1332	30 31	22–22–09.4	24.80N	98.94E	5			3.3				2.9	10	缅甸——中国边境地区 (297)Burma–China border region
1333	31 31	11–20–49.2	24.81N	98.96E	9	4.4	4.0	4.0	4.3			2.3	38	缅甸——中国边境地区 (297)Burma–China border region
1334	31 31	13–34–15.4	13.75S	166.08E	44		4.6		4.9		5.0	1.3	62	瓦努阿图(新赫布里底) (186)Vanuatu (New Hebrides)

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1335	1 1	03–22–44.6	27.06S	176.26W	33	5.5	5.0		5.7	5.4	4.9	5.5	1.0	119	克马德克群岛地区 (177)Kermadec Islands region
1336	1 1	05–22–19.5	17.06S	174.44E	13	5.3	5.1			5.0	5.0	5.1	1.9	84	斐济地区 (181)Fiji region
1337	1 1	06–04–03.6	18.06S	173.64E	38	5.4	4.9			4.8	5.2	4.7	1.5	44	斐济地区 (181)Fiji region
1338	1 2	18–25–44.8	34.19N	122.07E	10	3.7	3.9	4.0					2.4	41	黄海 (665)Yellow Sea
1339	1 2	22–51–17.4	38.73N	73.78E	27			3.6		4.4			4.4	7	塔吉克---新疆边境地区 (719)Tadzhikistan–Xinjiang border region
1340	2 2	06–27–14.1	10.32N	125.24E	23	5.1	4.8		5.1	4.9	4.8	5.0	1.7	122	棉兰老岛 (259)Mindanao

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1341	2	23–08–53.8	14.47S	167.20E	145					4.9		5.1	1.1	118	瓦努阿图(新赫布里底)
	3	07													(186)Vanuatu (New Hebrides)
1342	3	02–36–06.7	24.21N	122.32E	10	3.5		3.5					2.5	9	台湾岛
	3	10													(244)Taiwan
1343	3	04–10–42.0	38.25N	119.67E	10			3.8					2.5	26	中国东北部
	3	12													(658)North–Eastern China
1344	3	08–33–16.3	29.31N	129.08E	17	5.9	5.6	5.5	5.7	5.4	5.7	5.5	1.3	226	琉球群岛
	3	16													(238)Ryukyu Islands
1345	3	09–28–22.3	23.57N	120.64E	10			3.4					3.6	6	台湾岛
	3	17													(244)Taiwan
1346	3	15–27–45.4	44.66N	81.12E	19			3.4					3.0	6	哈萨克——新疆边境地区
	3	23													(331)Kazakhstan–Xinjiang border region
1347	3	18–29–37.2	60.63S	51.17W	7	5.9	5.4			5.4		5.2	2.7	40	斯科舍海
	4	02													(150)Scotia Sea
1348	4	02–08–26.0	24.95N	122.11E	7	4.7	4.6	4.8	5.2	4.6		4.3	2.1	58	台湾岛
	4	10													(244)Taiwan
1349	4	07–45–30.3	0.88S	80.91W	20		4.9		5.5	5.3	4.8	5.4	1.2	228	厄瓜多尔海岸远海
	4	15													(104)Off coast of Ecuador
1350	4	08–55–06.1	38.36N	74.71E	23			4.6		4.5		5.0	2.0	25	塔吉克——新疆边境地区
	4	16													(719)Tadzhikistan–Xinjiang border region
1351	4	08–55–10.1	38.09N	75.14E	18			4.3		4.2			2.9	11	塔吉克——新疆边境地区
	4	16													(719)Tadzhikistan–Xinjiang border region
1352	4	10–44–22.4	35.92N	99.31E	10			3.3					1.5	9	青海省
	4	18													(325)Qinghai Province
1353	4	12–38–23.2	24.31N	96.05E	5	5.1	4.8	4.8	5.4	5.0			1.8	82	缅甸
	4	20													(296)Burma
1354	4	14–15–37.5	3.63S	126.16E	32					5.0		5.1	1.1	52	班达海
	4	22													(280)Banda Sea
1355	4	22–42–16.0	24.93N	98.98E	9			3.4					1.4	8	缅甸——中国边境地区
	5	06													(297)Burma–China border region
1356	5	01–53–49.6	10.31N	125.32E	37	4.6	4.4			4.7	4.3	5.0	1.3	55	棉兰老岛
	5	09													(259)Mindanao
1357	5	03–21–16.9	17.84S	116.01W	10					4.9		5.1	1.3	77	复活节岛海山
	5	11													(684)Easter Island Cordillera
1358	5	06–05–46.9	21.35S	174.36W	30	5.7	5.7		6.0	5.7	5.8	5.7	1.2	268	汤加
	5	14													(173)Tonga
1359	5	10–42–32.1	1.55N	127.51E	142					5.3		5.4	1.1	162	查伊洛洛贾洛洛(哈马黑拉)岛
	5	18													(267)Djailolo Gilolo (Halmahera)
1360	5	11–08–08.2	51.75N	176.30E	33	4.8	4.8		5.6	5.1	5.0	5.1	0.9	253	拉特群岛
	5	19													(6)Rat Islands
1361	5	21–10–19.3	24.57N	102.93E	13			3.4					2.9	11	云南省
	6	05													(318)Yunnan Province
1362	6	02–17–31.1	3.90N	95.36E	17	5.9	5.5		5.7	5.8	5.3	6.0	1.1	509	北苏门答腊西海岸远海
	6	10													(705)Off west coast of Northern Sumatera
1363	6	09–31–12.7	39.77N	118.71E	13			3.1					0.9	8	中国东北部
	6	17													(658)North–Eastern China
1364	6	14–49–29.4	35.75N	140.97E	26	5.6	5.6		5.9	5.7	5.7	5.9	1.3	474	本州东海岸近海
	6	22													(228)Near east coast of Honshu
1365	6	17–31–25.7	24.79N	119.85E	5			3.2					3.0	7	台湾地区
	7	01													(243)Taiwan region
1366	6	20–26–24.7	54.78N	161.45E	32	4.6	4.3			5.4	4.1	5.5	1.1	177	堪察加东海岸近海
	7	04													(218)Near east coast of Kamchatka

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1367	6 7	21–23–02.0 05	9.54S	159.52E	17		4.6		4.8	4.4	5.0	1.1	46	所罗门群岛 (193)Solomon Islands
1368	6 7	23–21–33.3 07	8.84N	126.42E	64	4.6	4.6		5.0		5.1	1.4	116	棉兰老岛 (259)Mindanao
1369	7 7	04–48–08.3 12	33.30N	103.75E	10	4.0		4.2				2.3	19	四川省 (307)Sichuan Province
1370	7 7	04–54–49.1 12	4.49S	134.05E	23	4.9	4.7		5.0	4.8	5.1	2.0	81	西伊里安地区 (196)West Irian region
1371	7 7	05–40–22.2 13	17.39S	174.89W	253				5.0		5.2	1.2	109	汤加 (173)Tonga
1372	7 7	06–01–49.6 14	33.24N	104.18E	12	4.0	4.7	4.0				3.0	20	四川省 (307)Sichuan Province
1373	7 7	11–36–30.9 19	25.08N	88.75E	32	4.1	4.2	4.7	4.7		5.0	1.8	48	印度——孟加拉边境地区 (315)India–Bangladesh border region
1374	7 7	13–35–53.0 21	9.50S	125.26E	101				5.0		5.0	1.9	46	帝汶岛 (289)Timor
1375	8 8	02–09–43.9 10	1.16N	122.67E	11	6.4	6.3		6.2	5.7	6.4	5.9	2.0	266 米那哈沙半岛(西里伯斯) (265)Minahassa Peninsula (Celebes)
1376	8 8	04–00–01.1 12	1.32N	122.71E	43	5.5	5.4		5.8	5.2	5.4	5.3	1.5	157 米那哈沙半岛(西里伯斯) (265)Minahassa Peninsula (Celebes)
1377	8 8	11–12–37.9 19	26.93N	65.84E	51	4.6	4.4		5.6	5.4		5.3	1.0	246 巴基斯坦 (710)Pakistan
1378	8 8	13–22–30.0 21	12.02N	120.70E	21	4.9	4.5		5.3	4.8	4.5	5.0	1.6	121 巴拉望岛 (252)Palawan
1379	8 8	13–58–10.3 21	21.67S	174.09W	44				5.1		5.2	1.3	48	汤加地区 (174)Tonga region
1380	8 8	15–26–12.3 23	4.53S	151.89E	180				5.2		5.1	0.9	61	新不列颠地区 (192)New Britain region
1381	8 9	16–30–05.8 00	20.22S	178.06W	578				5.2		5.3	1.2	183	斐济地区 (181)Fiji region
1382	8 9	22–08–30.3 06	1.38N	122.72E	33	4.8	4.4		4.8	4.2	5.1	1.2	59	米那哈沙半岛(西里伯斯) (265)Minahassa Peninsula (Celebes)
1383	8 9	23–24–15.4 07	23.98N	121.48E	12			3.6				3.3	7	台湾岛 (244)Taiwan
1384	9 9	06–28–03.2 14	1.39N	122.72E	37	4.9	4.8		5.3	5.4	4.8	5.5	1.3	157 米那哈沙半岛(西里伯斯) (265)Minahassa Peninsula (Celebes)
1385	9 9	09–51–25.0 17	24.05N	102.73E	12			3.4				3.7	10	云南省 (318)Yunnan Province
1386	9 10	20–16–00.7 04	23.30S	179.16W	464				5.1	5.3		5.4	1.0	253 斐济以南地区 (171)South of Fiji
1387	9 10	23–31–54.6 07	3.03S	129.80E	21	4.4	4.0			5.1		5.1	1.2	75 斯兰岛 (272)Seram
1388	10 10	00–48–48.6 08	38.23N	116.00E	11			3.3				2.8	16	中国东北部 (658)North–Eastern China
1389	10 10	01–26–39.5 09	48.18N	84.93E	2			3.7				3.9	5	哈萨克——新疆边境地区 (331)Kazakhstan–Xinjiang border region
1390	10 11	20–21–51.0 04	33.87N	92.24E	9	5.1	4.8	4.2	5.3	4.5	4.5	4.7	1.6	83 青海省 (325)Qinghai Province
1391	10 11	22–23–49.5 06	35.93N	80.94E	20			3.8				2.5	6	克什米尔——西藏边境地区 (304)Kashmir–Tibet border region
1392	11 11	03–07–17.2 11	39.86N	143.22E	13	4.5	4.5		5.0	4.9	4.6	5.0	1.5	139 本州东海岸近海 (228)Near east coast of Honshu

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1393	11 11	05–07–10.5	36.30N	81.00E	23			4.6					2.5	13	克什米尔——西藏边境地区 (304)Kashmir–Tibet border region
1394	11 11	12–18–23.2	52.58N	159.40E	33	4.8	4.6		4.9	4.7	5.0	1.0		143	堪察加东海岸近海 (218)Near east coast of Kamchatka
1395	11 11	14–43–54.2	3.08S	130.36E	33	5.3	5.1	5.8	5.5	5.3	5.7	1.4		225	斯兰岛 (272)Seram
1396	12 12	09–33–53.3	26.98N	103.10E	6			3.0					2.5	11	四川省 (307)Sichuan Province
1397	12 12	13–02–30.0	14.09S	14.27W	9	5.8	5.5		5.3	5.5	5.5	1.1		261	南大西洋海岭 (410)South Atlantic Ridge
1398	13 13	02–11–15.5	52.83N	34.95W	10	5.5	5.2	5.8	5.1	5.2	5.2	0.9		264	北大西洋 (402)North Atlantic Ocean
1399	13 13	08–58–46.3	38.51N	99.73E	15			3.3					3.4	5	青海省 (325)Qinghai Province
1400	13 14	20–14–13.1	3.00S	130.44E	25	4.7	4.5		5.1		5.2	1.3		122	斯兰岛 (272)Seram
1401	13 14	22–31–44.7	18.92N	145.27E	606				5.1		5.1	0.9		110	马里亚纳群岛 (216)Marianas
1402	14 14	09–27–46.3	47.80N	130.80E	10			3.2					2.7	5	俄罗斯东部——中国东北边境地区 (657)E. Russia–N.E. China border region
1403	14 14	12–53–26.6	54.46N	169.32W	290				5.5	5.5		5.7	1.0	578	福克斯群岛 (9)Fox Islands
1404	14 15	17–43–07.3	3.17N	128.00E	123				5.7	5.3		5.5	1.3	174	马鲁古海峡 (266)Molucca Passage
1405	14 15	19–15–03.5	13.54S	167.62E	13	6.4	6.5		6.7	6.0	6.6	6.1	1.4	420	瓦努阿图(新赫布里底) (186)Vanuatu (New Hebrides)
1406	15 15	00–34–18.9	23.77N	122.71E	29	4.1	4.0	3.9		4.2		4.0	2.0	41	台湾地区 (243)Taiwan region
1407	15 15	04–39–04.8	45.78S	72.43W	13		5.2		5.7	5.3	5.0	5.3	1.4	61	智利南部海岸近海 (144)Near coast of Southern Chile
1408	15 15	05–21–42.1	18.77S	168.85E	230					4.9		5.0	1.1	69	瓦努阿图(新赫布里底) (186)Vanuatu (New Hebrides)
1409	15 15	06–50–35.2	45.58S	72.39W	14		5.4		5.5	5.5	5.1	5.5	1.6	82	智利南部海岸近海 (144)Near coast of Southern Chile
1410	15 15	09–46–15.6	45.84S	72.82W	19	5.9	5.7		5.8	5.3	5.4	5.4	1.9	84	智利南部海岸近海 (144)Near coast of Southern Chile
1411	15 15	12–16–14.9	45.80S	72.43W	12	5.9	5.9		5.9	5.3	5.7	5.4	1.8	75	智利南部海岸近海 (144)Near coast of Southern Chile
1412	15 15	13–35–59.4	16.03S	168.03E	171				6.3	6.0		5.9	1.2	403	瓦努阿图(新赫布里底) (186)Vanuatu (New Hebrides)
1413	15 16	20–41–03.2	41.90N	79.88E	29			4.1		4.2			2.5	16	吉尔吉斯——新疆边境地区 (320)Kirgiziya–Xinjiang border region
1414	15 16	20–54–55.7	0.97N	125.99E	43		4.0			5.1		5.1	1.3	78	马鲁古海峡 (266)Molucca Passage
1415	15 16	21–46–44.9	45.10N	151.75E	32	4.3	4.2			4.8	4.1	5.0	1.2	125	千岛群岛地区 (222)Kurile Islands region
1416	15 16	23–27–52.6	52.87N	170.87W	104				5.6	5.3		5.3	0.9	305	福克斯群岛 (9)Fox Islands
1417	16 16	09–29–46.0	2.63S	140.62E	23					5.0		5.2	2.3	24	西伊里安 (201)West Irian
1418	16 16	12–10–50.0	25.36N	114.37E	11			3.6					3.2	11	中国东部 (664)Eastern China

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1419	16 17	22-05-02.2 06	36.64N	71.04E	155				4.3			1.9	14	兴都库什地区 (718)Hindu Kush region
1420	16 17	22-26-19.4 06	41.71N	125.39W	32	6.2	6.1	5.9	5.4	6.3	5.5	1.3	369	加利福尼亚北部海岸远海 (34)Off coast of Northern California
1421	17 17	05-14-48.8 13	5.39S	152.59E	35				5.1		5.2	1.3	69	新不列颠地区 (192)New Britain region
1422	17 17	06-18-33.5 14	10.08N	69.92W	9	5.9	5.4		5.4	5.2	5.5	1.5	74	委内瑞拉 (101)Venezuela
1423	17 17	12-39-03.4 20	10.62N	62.15W	62		4.4		5.1		5.2	1.3	287	委内瑞拉海岸近海 (97)Near coast of Venezuela
1424	17 18	18-19-08.2 02	23.51N	121.59E	27			3.3	4.3		4.4	2.4	13	台湾岛 (244)Taiwan
1425	17 18	19-29-37.5 03	40.25N	124.19W	7	6.1	6.0	6.5	5.9	6.2	6.0	1.2	522	加利福尼亚北部海岸近海 (35)Near coast of Northern California
1426	17 18	19-36-48.2 03	28.00N	100.99E	11	4.0		3.9				2.2	28	云南省 (318)Yunnan Province
1427	17 18	22-17-13.6 06	41.82N	125.53W	16	7.2	6.9	6.5	6.0	7.1	6.2	1.4	483	加利福尼亚北部海岸远海 (34)Off coast of Northern California
1428	18 18	05-45-12.1 13	4.08S	127.05E	255			4.9	4.8		5.0	1.0	57	班达海 (280)Banda Sea
1429	18 18	08-15-03.9 16	25.25N	121.81E	5	3.6	3.6	3.6	3.9			3.0	13	台湾岛 (244)Taiwan
1430	18 18	10-52-51.0 18	17.96S	178.53W	579				5.2		5.4	1.1	206	斐济地区 (181)Fiji region
1431	18 18	14-45-26.2 22	24.36N	142.11E	550				5.0		5.0	1.0	97	硫黄列岛地区 (213)Volcano Islands region
1432	18 18	15-33-18.5 23	0.05N	123.22E	176				4.9		5.0	1.1	44	米那哈沙半岛(西里伯斯) (265)Minahassa Peninsula (Celebes)
1433	18 19	21-52-05.9 05	31.93S	71.51W	50		5.0		5.5	4.9	5.4	1.1	135	中智利海岸远海 (134)Off coast of Central Chile
1434	19 19	02-03-39.4 10	41.45N	79.38E	15			3.7				3.6	10	新疆自治区南部 (321)Southern Xinjiang Province
1435	19 19	05-03-29.2 13	85.48N	14.19E	10	4.8	4.5		4.7	4.5	5.0	0.8	39	斯瓦巴德以北地区 (641)North of Svalbard
1436	19 19	05-21-21.5 13	22.75N	143.03E	109			5.0	5.2		5.1	1.4	104	硫黄列岛地区 (213)Volcano Islands region
1437	19 19	06-05-52.2 14	46.84N	85.60E	15	5.5	4.9	5.9	5.1	5.0		2.1	72	新疆自治区北部 (332)Northern Xinjiang Province
1438	19 19	08-24-20.9 16	31.51N	109.11E	2			3.4				2.2	15	四川省 (307)Sichuan Province
1439	19 19	12-39-13.6 20	22.95N	123.94E	23	4.1	4.1	3.8		4.4		1.9	35	台湾东南以远地区 (247)South-east of Taiwan
1440	20 20	05-06-26.8 13	30.55N	79.54E	31			4.4		4.1	4.2	2.0	30	西藏——印度边境地区 (305)Tibet-India border region
1441	20 20	08-46-40.2 16	37.76N	72.17E	136				5.2	5.2	5.2	1.1	308	阿富汗——苏联边境地区 (717)Afghanistan-USSR border region
1442	20 20	09-19-30.8 17	36.46N	71.41E	26			4.8		4.7	4.8	2.3	21	兴都库什地区 (718)Hindu Kush region
1443	20 21	21-28-28.7 05	37.16N	114.75E	23	4.1	4.0	4.1				2.4	33	中国东部 (664)Eastern China
1444	20 21	23-23-35.4 07	27.22N	100.16E	13			3.1				2.6	13	云南省 (318)Yunnan Province

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1445	21 22 06	22-23-36.5	37.51N	114.89E	21	4.0		4.0					2.0	29	中国东北部 (658)North-Eastern China
1446	22 00	00-58-39.6	45.82S	72.91W	12		5.2		5.8	4.9	5.1	5.1	1.5	23	智利南部海岸近海 (144)Near coast of Southern Chile
1447	22 22	03-53-42.2	25.59N	91.35E	5			4.4		4.3			1.5	29	印度——孟加拉边境地区 (315)India-Bangladesh border region
1448	22 22	07-07-42.7	23.72S	179.81W	521					5.2		5.3	0.9	128	斐济以南地区 (171)South of Fiji
1449	22 22	13-18-12.2	23.81S	179.75W	534					5.2		5.3	1.0	164	斐济以南地区 (171)South of Fiji
1450	22 23	18-56-23.9	42.48N	83.23E	29			3.6					2.8	10	新疆自治区南部 (321)Southern Xinjiang Province
1451	22 23	21-15-02.3	55.74N	114.73E	21	5.4	5.1		5.0	5.0	4.7	5.2	1.4	242	贝加尔湖以东地区 (328)East of Lake Baykal
1452	23 23	01-57-36.7	31.52N	92.12E	9								3.3	5	西藏自治区 (306)Tibet
1453	23 23	09-58-53.6	13.70S	167.76E	33	5.0	4.9			4.9		5.0	1.3	84	瓦努阿图(新赫布里底) (186)Vanuatu (New Hebrides)
1454	23 24	16-16-07.8	10.00N	126.16E	32	4.5	4.3			5.1	4.1	5.2	1.4	136	棉兰老岛 (259)Mindanao
1455	23 24	20-16-24.5	9.14S	123.58E	30		4.3			5.4		5.4	1.2	181	帝汶岛 (289)Timor
1456	24 24	00-05-57.2	3.80N	95.21E	32	4.5	4.6			4.9		5.1	1.2	120	北苏门答腊西海岸远海 (705)Off west coast of Northern Sumatera
1457	24 24	08-03-01.7	14.38S	166.91E	8	5.0	4.9		5.3	5.3		5.0	1.2	281	瓦努阿图(新赫布里底) (186)Vanuatu (New Hebrides)
1458	24 24	09-32-37.9	7.96S	122.50E	163					5.1		5.3	1.4	50	佛罗勒斯地区 (286)Flores region
1459	24 24	11-13-13.5	6.02S	130.39E	90				5.8	5.5		5.6	1.1	253	班达海 (280)Banda Sea
1460	24 24	12-41-33.2	14.46N	119.74E	42		3.9			4.4		4.4	2.1	16	菲律宾群岛地区 (248)Philippine Islands region
1461	24 25	17-45-23.4	38.55N	75.10E	33	4.5	4.3	5.0	5.3	4.7		4.7	1.9	86	塔吉克——新疆边境地区 (719)Tadzhikistan-Xinjiang border region
1462	24 25	21-30-15.1	4.03S	129.21E	146					5.2		5.4	1.0	60	班达海 (280)Banda Sea
1463	25 25	05-00-59.5	5.64N	94.07E	45	5.1	4.7		5.7	5.1	4.5	5.2	1.1	223	北苏门答腊西海岸远海 (705)Off west coast of Northern Sumatera
1464	25 25	06-40-05.8	21.32S	174.12W	33	5.4	5.4		6.1	5.5	5.5	5.5	1.2	213	汤加 (173)Tonga
1465	25 25	06-49-11.6	6.46S	154.48E	58					5.0		5.0	1.3	19	新不列颠地区 (192)New Britain region
1466	25 25	09-40-45.8	42.87N	87.81E	33			3.3					4.0	6	新疆自治区北部 (332)Northern Xinjiang Province
1467	25 25	13-24-54.7	42.34N	82.95E	6			4.0					2.8	13	新疆自治区南部 (321)Southern Xinjiang Province
1468	25 26	18-22-34.2	42.90N	83.51E	21			3.3					3.0	9	新疆自治区北部 (332)Northern Xinjiang Province
1469	26 26	03-41-19.2	38.49N	75.40E	29			4.4		4.2		4.0	2.6	22	塔吉克——新疆边境地区 (719)Tadzhikistan-Xinjiang border region
1470	26 26	08-16-18.9	17.75S	115.95W	9					4.9		5.0	1.7	51	复活节岛海山 (684)Easter Island Cordillera

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1471	26	08–26–02.3	41.62N	123.89E	38			3.2						3.4	7	中国东北部
	26	16														(658)North–Eastern China
1472	26	10–01–59.5	19.00N	80.85W	11	5.6	5.4			5.2	5.4	5.3	1.2	270	加勒比海	
	26	18														(94)Caribbean Sea
1473	26	10–18–42.6	24.17N	121.59E	26	3.9	3.6	4.3		5.0		4.5	2.2	30	台湾岛	
	26	18														(244)Taiwan
1474	26	14–59–46.2	42.14N	144.56E	45	5.4	5.4		5.8	5.6	5.7	5.8	1.1	500	北海道地区	
	26	22														(224)Hokkaido region
1475	26	20–42–31.7	6.89N	94.42E	27	5.9	5.5		5.6	5.2	5.6	5.4	1.2	320	尼科巴群岛地区	
	27	04														(704)Nicobar Islands region
1476	26	20–54–22.8	6.86N	94.50E	22	6.3	5.8		6.0	5.6	5.8	5.8	1.3	390	尼科巴群岛地区	
	27	04														(704)Nicobar Islands region
1477	26	21–56–13.4	6.60N	94.55E	35	5.4	4.8			4.9	4.7	5.0	1.4	123	尼科巴群岛地区	
	27	05														(704)Nicobar Islands region
1478	26	22–52–36.6	14.51S	167.14E	225					4.8		5.0	1.1	119	瓦努阿图(新赫布里底)	
	27	06														(186)Vanuatu (New Hebrides)
1479	26	23–34–18.1	40.38N	106.42E	22			3.4					2.4	12	中国北部	
	27	07														(323)Northern China
1480	27	08–50–57.5	17.99S	178.47W	602				5.2	5.2		5.2	1.0	253	斐济地区	
	27	16														(181)Fiji region
1481	27	11–46–21.9	16.23S	73.24W	70		4.8			5.1		5.3	1.4	185	秘鲁海岸近海	
	27	19														(115)Near coast of Peru
1482	27	11–58–19.8	21.52S	68.53W	93					5.1		5.1	1.2	153	智利北部	
	27	19														(123)Northern Chile
1483	27	13–09–31.9	24.57N	120.89E	5			3.4					1.4	7	台湾岛	
	27	21														(244)Taiwan
1484	28	01–29–01.2	35.32N	133.27E	11	5.5	5.3	4.2	5.6	5.1	5.3	5.2	1.7	146	本州南部	
	28	09														(232)Southern Honshu
1485	28	06–47–43.4	21.20S	170.38E	20		4.8			5.2	4.7	5.3	1.4	67	洛亚尔提群岛地区	
	28	14														(189)Loyalty Islands region
1486	28	10–35–02.0	29.39N	104.14E	13			3.2					3.8	11	四川省	
	28	18														(307)Sichuan Province
1487	28	14–51–18.4	36.15N	100.35E	13	3.7	3.7	4.0					2.5	25	青海省	
	28	22														(325)Qinghai Province
1488	28	21–32–34.8	22.20S	179.68E	600				5.5	5.4		5.5	1.0	280	斐济以南地区	
	29	05														(171)South of Fiji
1489	29	01–00–36.0	17.72S	115.92W	7		5.0			5.2	4.8	5.3	1.5	110	复活节岛海山	
	29	09														(684)Easter Island Cordillera
1490	29	05–21–11.3	20.68S	177.70W	375				5.8	5.4		5.4	1.0	334	斐济地区	
	29	13														(181)Fiji region
1491	29	07–40–41.9	24.50N	121.30E	5	3.5	3.6	3.5		4.2			1.7	10	台湾岛	
	29	15														(244)Taiwan
1492	29	08–21–15.1	20.71S	177.75W	378					5.0		5.2	1.0	119	斐济地区	
	29	16														(181)Fiji region
1493	29	08–44–40.8	3.17S	139.78E	32	4.8	4.6		5.3	5.0	4.7	5.1	1.3	111	西伊里安	
	29	16														(201)West Irian
1494	29	16–52–10.9	38.37N	106.19E	11			3.4					2.9	15	中国北部	
	30	00														(323)Northern China
1495	29	22–34–05.4	23.33N	100.21E	27			3.2					2.4	8	缅甸——中国边境地区	
	30	06														(297)Burma–China border region
1496	30	00–16–20.9	4.31S	81.52W	22		4.5			5.1	4.6	5.2	1.3	137	秘鲁北部海岸远海	
	30	08														(108)Off coast of Northern Peru

1497	30	01–29–27.6	3.27S	134.47E	34	4.7	4.5		5.5	5.3	4.3	5.4	1.3	130	西伊里安地区
	30	09													(196)West Irian region
1498	30	11–06–04.7	12.24N	142.14E	94					5.1		5.1	0.7	29	加罗林群岛西部
	30	19													(209)Western Caroline Islands
1499	30	14–32–12.4	34.58N	97.37E	33	4.2	4.0	4.1		4.2		4.3	2.9	31	青海省
	30	22													(325)Qinghai Province
1500	30	15–25–15.5	43.87N	88.10E	25			3.1					3.2	7	新疆自治区北部
	30	23													(332)Northern Xinjiang Province
1501	31	03–36–36.2	38.53N	103.89E	13			3.5					3.3	7	甘肃省
	31	11													(322)Gansu Province
1502	31	04–03–15.3	40.06N	77.78E	22	4.3		4.4					2.6	17	新疆自治区南部
	31	12													(321)Southern Xinjiang Province
1503	31	16–43–46.2	22.38S	68.31W	110					5.0		5.0	1.5	90	智利北部
	1	00													(123)Northern Chile

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1504	1	00–06–30.8	35.58N	122.81E	10			3.4					3.4	9	黄海
	1	08													(665)Yellow Sea
1505	1	06–51–03.2	78.99N	3.59E	10	5.8	5.3		5.8	5.1	5.2	5.2	1.0	291	格陵兰海
	1	14													(640)Greenland Sea
1506	1	07–18–32.6	3.39S	134.65E	35	5.4				5.0		5.0	1.1	71	西伊里安地区
	1	15													(196)West Irian region
1507	1	07–21–57.6	15.07S	173.31W	11		5.4			4.9	5.4	5.0	1.5	50	汤加
	1	15													(173)Tonga
1508	1	08–22–28.1	22.40S	170.25E	39	5.4	5.2		5.8	5.1	5.3	5.1	1.4	168	洛亚尔提群岛地区
	1	16													(189)Loyalty Islands region
1509	1	11–39–41.4	37.76N	73.34E	21			4.4		4.2			2.2	10	塔吉克
	1	19													(715)Tadzhikistan
1510	1	12–23–54.6	26.49N	105.51E	15			3.2					2.4	14	中国东部
	1	20													(664)Eastern China
1511	1	20–17–45.5	38.71N	119.70E	18	3.5	3.5	3.9				3.6	2.7	28	中国东北部
	2	04													(658)North–Eastern China
1512	1	21–04–52.4	23.58N	100.26E	16			3.4					3.5	7	缅甸———中国边境地区
	2	05													(297)Burma–China border region
1513	2	03–03–42.5	42.33N	143.00E	70	4.2	4.1		5.5	5.1		5.2	1.1	279	北海道地区
	2	11													(224)Hokkaido region
1514	2	11–05–52.1	37.46N	95.43E	27	5.0	4.8	3.9	5.2	5.3	4.5	5.5	1.3	267	青海省
	2	19													(325)Qinghai Province
1515	2	17–43–22.2	45.77S	72.47W	13	5.7	5.2		5.7	5.3	5.0	5.3	1.5	84	智利南部海岸近海
	3	01													(144)Near coast of Southern Chile
1516	3	08–44–47.8	33.68N	138.80E	27	6.5	6.3		6.2	5.7	6.4	5.9	1.2	392	本州以南地区
	3	16													(211)South of Honshu
1517	3	09–05–27.9	17.84S	116.08W	7	6.3	6.1		6.5	5.9	5.9	6.0	1.3	426	复活节岛海山
	3	17													(684)Easter Island Cordillera
1518	3	10–30–48.8	41.14N	78.29E	20			3.7					3.2	9	吉尔吉斯———新疆边境地区
	3	18													(320)Kirgiziya–Xinjiang border region
1519	3	11–56–15.9	17.86S	116.03W	9	6.1	5.9		6.3	5.6	5.9	5.8	1.1	394	复活节岛海山
	3	19													(684)Easter Island Cordillera
1520	3	19–50–31.1	4.10S	129.79E	32					4.9		5.0	1.2	65	班达海
	4	03													(280)Banda Sea
1521	4	08–32–32.8	10.81N	92.87E	31	4.3	4.3			4.9		5.1	1.8	83	安达曼群岛地区
	4	16													(703)Andaman Islands region

1522	4 4	08–57–06.2	21.68S	173.93W	48				4.8		5.0	1.4	38	汤加地区 (174)Tonga region
1523	4 4	12–59–44.9	23.61N	121.42E	9	4.2	4.0	4.5	4.4		4.4	1.9	47	台湾岛 (244)Taiwan
1524	4 5	22–14–50.5	21.74N	121.29E	28	3.8	3.9	4.1	4.5	3.9	4.5	1.8	54	台湾地区 (243)Taiwan region
1525	4 5	22–27–21.0	15.17N	120.46E	21	5.2	5.1		5.8 5.5	5.1	5.6	1.3	330	吕宋岛 (249)Luzon
1526	5 5	03–17–30.2	34.34N	122.61E	14	4.0	3.3	4.1				2.3	15	黄海 (665)Yellow Sea
1527	5 5	10–33–57.0	11.58S	166.57E	47		4.5		5.0	4.6	5.0	1.0	78	圣克鲁斯群岛 (184)Santa Cruz Islands
1528	5 5	10–59–55.8	23.59N	100.62E	10			3.5				2.4	6	云南省 (318)Yunnan Province
1529	6 6	02–21–58.0	40.50N	76.76E	5			3.9				4.6	5	吉尔吉斯——新疆边境地区 (320)Kirgiziya–Xinjiang border region
1530	6 6	11–46–06.5	6.11S	130.67E	147				5.5	5.4	5.3	1.0	110	班达海 (280)Banda Sea
1531	6 6	13–14–49.6	0.31S	132.79E	20	4.7	4.3		4.9	4.3	5.1	1.5	92	西伊里安地区 (196)West Irian region
1532	7 7	00–06–02.8	29.24N	90.23E	13	4.0	4.2					3.6	11	西藏自治区 (306)Tibet
1533	7 7	00–54–56.0	43.34N	94.47E	12		3.4	3.9				2.5	11	新疆自治区北部 (332)Northern Xinjiang Province
1534	7 7	04–14–25.5	7.17S	123.76E	604				5.0		5.1	1.0	114	班达海 (280)Banda Sea
1535	7 7	10–40–19.7	1.67N	126.36E	36		4.4		5.0	4.1	5.0	1.1	96	马鲁古海峡 (266)Molucca Passage
1536	7 7	14–32–55.9	24.08S	179.82W	534				5.2		5.3	0.9	167	斐济以南地区 (171)South of Fiji
1537	7 8	22–07–36.1	21.19S	174.26W	59		4.7		5.1	4.9	5.2	1.2	81	汤加 (173)Tonga
1538	8 8	08–08–51.1	23.73N	102.67E	19			3.6				3.2	14	云南省 (318)Yunnan Province
1539	8 8	10–14–58.1	36.41N	71.37E	130				5.0		5.0	1.2	201	兴都库什地区 (718)Hindu Kush region
1540	8 8	13–50–30.4	40.26S	175.03E	89		4.8		5.5		5.6	1.2	157	新西兰库克海峡 (163)Cook Strait, New Zealand
1541	8 9	16–28–33.8	34.52N	94.28E	23	4.0	3.6	4.5	4.4			2.7	21	青海省 (325)Qinghai Province
1542	8 9	16–52–04.8	35.49N	122.81E	33	3.8		3.7				1.9	11	黄海 (665)Yellow Sea
1543	8 9	18–02–07.5	23.84N	121.25E	5	3.8		3.5				1.3	11	台湾岛 (244)Taiwan
1544	8 9	18–20–10.0	6.16N	94.78E	30	4.9	4.6		5.2	4.9	4.2 5.0	1.2	148	苏门答腊北部 (706)Northern Sumatera
1545	8 9	21–23–29.7	31.01N	103.71E	12			3.2				2.4	7	四川省 (307)Sichuan Province
1546	8 9	23–54–41.1	36.65N	98.61E	25	4.4	4.3	5.1		4.6		2.0	80	青海省 (325)Qinghai Province
1547	9 9	00–11–26.0	29.60N	128.66E	241					4.8	4.8	1.3	100	中国东海 (234)East China Sea

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1548	9 9	00–35–35.7 08	29.89N	95.30E	13	4.1	4.0	3.8	4.5			2.5	24	印度——中国边境地区 (313)India–China border region
1549	9 9	02–40–30.4 10	41.94N	84.90E	24	4.0	3.9	4.1	4.5		4.5	1.7	51	新疆自治区南部 (321)Southern Xinjiang Province
1550	9 9	05–37–17.5 13	31.81S	179.93W	514				4.9		5.2	1.5	41	克马德克群岛以南地区 (179)South of Kermadec Islands
1551	9 9	10–01–43.1 18	42.54N	85.13E	18			3.8				3.0	8	新疆自治区北部 (332)Northern Xinjiang Province
1552	9 9	14–30–19.9 22	12.79N	143.96E	33	5.3	5.1		5.0	5.5	5.1	1.4	40	马里亚纳群岛以南地区 (210)South of the Marianas
1553	9 9	15–03–42.1 23	51.25N	178.24W	33	5.9	5.6		5.4	4.9	5.5	4.9	1.3	134 安德烈亚诺夫群岛 (7)Andreanof Islands
1554	9 9	15–06–29.8 23	12.70N	144.03E	29	5.6	5.5		5.6	5.0	5.6	5.0	1.3	87 马里亚纳群岛以南地区 (210)South of the Marianas
1555	9 10	16–22–25.1 00	3.45S	145.32E	28	5.1	5.0		5.5	5.1	5.1	5.2	1.4	143 新几内亚北海岸近海 (200)Near north coast of New Guinea
1556	9 10	20–57–49.9 04	22.59N	120.99E	10	4.1	3.9	4.1	4.3		4.3	2.1	48	台湾岛 (244)Taiwan
1557	9 10	21–54–50.4 05	28.89N	94.95E	33	4.5	4.5	4.4	4.7		4.8	1.7	95	印度——中国边境地区 (313)India–China border region
1558	10 10	01–55–35.6 09	24.65N	121.39E	5			3.0				1.9	6	台湾岛 (244)Taiwan
1559	10 10	03–09–00.8 11	38.05N	115.36E	27			3.1				2.9	18	中国东北部 (658)North–Eastern China
1560	10 10	13–27–37.8 21	25.19N	121.96E	5	3.8		3.6				2.0	12	台湾岛 (244)Taiwan
1561	10 11	20–27–31.7 04	7.47S	128.87E	154				4.9		5.0	1.0	22	班达海 (280)Banda Sea
1562	12 12	00–33–29.2 08	54.93N	111.28E	23	5.3	5.1		5.4	5.0	4.9	5.1	1.4	209 贝加尔湖地区 (327)Lake Baykal region
1563	12 12	12–22–06.9 20	31.60N	118.61E	11			3.7				1.8	16	中国东部 (664)Eastern China
1564	12 13	23–06–30.5 07	29.74N	95.64E	36	4.1	3.9	3.8	4.5		4.6	2.2	43	印度——中国边境地区 (313)India–China border region
1565	13 13	05–48–54.4 13	37.30N	84.53E	11			3.7				3.0	8	新疆自治区南部 (321)Southern Xinjiang Province
1566	13 13	12–56–56.7 20	9.84S	149.99E	29				4.9		5.0	0.9	67	新几内亚东部地区 (207)Eastern New Guinea region
1567	14 14	10–25–01.6 18	61.58N	139.97W	15	5.2	4.3		4.9	4.3	5.0	1.1	188	育空地区南部 (18)Southern Yukon Territory
1568	14 14	13–16–38.7 21	40.23N	105.02E	21	5.1	4.7	5.3	5.0	4.5	5.1	1.5	184	中国北部 (323)Northern China
1569	14 15	19–00–00.2 03	37.27N	116.40W	10		4.2		5.4	4.2	5.5	1.0	283	加利福尼亚州——内华达州边境地区 (40)California–Nevada border region
1570	15 15	06–39–12.1 14	17.81S	116.05W	9		4.7		5.5	4.7	5.6	1.2	315	复活节岛海山 (684)Easter Island Cordillera
1571	15 15	10–27–36.8 18	6.80S	147.31E	81				5.1		5.1	1.5	80	新几内亚东部地区 (207)Eastern New Guinea region
1572	15 15	11–36–50.7 19	36.12N	100.38E	15			3.8				2.7	9	青海省 (325)Qinghai Province
1573	15 15	15–55–18.6 23	40.36N	104.92E	22			3.7				2.8	13	中国北部 (323)Northern China

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1574	15 16	22-56-20.0	31.50S	69.99W	108					5.2		5.2	1.4	122	智利——阿根廷边境地区 (127)Chile-Argentina border region
1575	16 16	05-48-10.3	46.27N	121.77E	21	3.8	3.5	4.1					2.1	16	中国东北部 (658)North-Eastern China
1576	16 16	07-46-34.3	42.44N	121.41E	23			3.0					0.9	7	中国东北部 (658)North-Eastern China
1577	16 16	07-49-38.1	47.94N	85.06E	13			3.4					3.0	5	哈萨克——新疆边境地区 (331)Kazakhstan-Xinjiang border region
1578	16 16	13-23-38.5	29.01N	51.31E	32	5.1	4.9		5.5	5.0	5.0	4.9	1.3	146	波斯湾 (352)Persian Gulf
1579	16 17	17-47-17.4	5.49S	147.02E	211					5.1		5.1	0.9	176	新几内亚东部地区 (207)Eastern New Guinea region
1580	16 17	22-19-07.9	13.23S	167.11E	161				5.4	5.3		5.4	1.1	222	瓦努阿图(新赫布里底) (186)Vanuatu (New Hebrides)
1581	16 17	22-53-45.4	38.04N	115.37E	16			3.1					2.2	12	中国东北部 (658)North-Eastern China
1582	17 17	11-07-24.9	12.68S	166.49E	137					5.0		5.0	1.3	81	瓦努阿图(新赫布里底) (186)Vanuatu (New Hebrides)
1583	17 17	14-37-57.0	6.62S	130.66E	88					5.0		5.2	1.2	49	塔宁巴尔群岛地区 (281)Tanimbar Islands region
1584	17 17	14-45-15.1	25.17S	178.37E	558					5.2		5.3	1.0	166	斐济以南地区 (171)South of Fiji
1585	17 18	18-53-22.7	43.13N	88.07E	24	4.4	4.1	5.0		4.9		4.8	2.2	54	新疆自治区北部 (332)Northern Xinjiang Province
1586	17 18	21-10-28.2	35.80N	121.34W	11		4.5			5.1	4.5	5.2	1.2	130	中加利福尼亚 (39)Central California
1587	18 18	07-01-30.9	24.31N	123.25E	27		3.5	4.0		4.5		4.6	1.8	34	台湾地区 (243)Taiwan region
1588	18 18	08-48-55.4	52.75N	158.52E	36					4.9		5.0	1.3	49	堪察加东海岸近海 (218)Near east coast of Kamchatka
1589	18 18	09-48-12.9	14.66N	90.94W	6	6.7	6.2		6.0	5.6	6.1	5.7	1.5	267	危地马拉 (70)Guatemala
1590	18 18	13-05-41.8	24.61N	122.93E	121					5.0		5.0	1.4	126	台湾地区 (243)Taiwan region
1591	18 19	16-19-12.5	23.86N	121.36E	61			3.4					1.3	7	台湾岛 (244)Taiwan
1592	19 19	01-41-47.3	48.89N	154.89E	36	4.5	4.7			5.5	4.8	5.6	1.0	339	千岛群岛 (221)Kurile Islands
1593	19 19	04-23-57.1	26.30N	92.14E	32	4.1				4.8		4.7	2.0	43	印度——孟加拉边境地区 (315)India-Bangladesh border region
1594	19 19	04-58-36.1	35.93N	69.81E	99					5.0		5.0	1.1	173	兴都库什地区 (718)Hindu Kush region
1595	19 19	06-52-47.3	47.69N	122.58E	9			3.4					2.5	10	中国东北部 (658)North-Eastern China
1596	19 19	07-28-29.2	3.41S	134.04E	19					5.0		5.2	1.0	48	西伊里安地区 (196)West Irian region
1597	19 20	18-25-53.2	24.85N	99.02E	18	3.7		3.4					1.9	10	缅甸——中国边境地区 (297)Burma-China border region
1598	19 20	23-00-24.4	40.58N	122.68E	16			3.3					1.7	11	中国东北部 (658)North-Eastern China
1599	20 20	09-37-42.5	44.95N	90.39E	35	4.5	4.3	4.9		4.6		4.8	2.0	57	新疆自治区北部 (332)Northern Xinjiang Province

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1600	20 20	09–52–10.8	39.38N	114.06E	14			3.9					1.9	23	中国东北部 (658)North–Eastern China
1601	20 20	11–16–12.0	36.19N	100.09E	23	5.2	5.0	5.0	5.1	5.2	5.0	5.5	1.5	265	青海省 (325)Qinghai Province
1602	20 20	14–47–46.1	6.44S	129.87E	180				5.5	5.3		5.4	1.3	162	班达海 (280)Banda Sea
1603	20 21	22–36–43.5	38.08N	101.41E	3			3.3					3.1	9	青海省 (325)Qinghai Province
1604	20 21	22–57–15.1	44.04N	86.90E	13			3.4					2.2	10	新疆自治区北部 (332)Northern Xinjiang Province
1605	21 21	00–52–07.8	23.90N	122.12E	8			3.4					2.7	7	台湾岛 (244)Taiwan
1606	21 21	14–30–47.8	41.72N	81.03E	13			3.1					2.0	7	新疆自治区南部 (321)Southern Xinjiang Province
1607	21 21	15–19–48.0	16.19S	172.99W	17	5.7	5.6		6.1	5.8	5.7	5.8	1.2	392	汤加 (173)Tonga
1608	21 21	15–37–04.4	23.86N	114.49E	15	4.5	3.9	4.9		4.4		4.2	1.6	36	中国东南沿海 (242)Near south–eastern coast of China
1609	21 22	16–13–36.9	8.43S	106.76E	33					5.1		5.1	1.3	56	爪哇以南地区 (282)South of Java
1610	22 22	06–32–36.6	49.73N	156.52E	30	4.7	4.8		5.3	5.4	4.7	5.5	1.0	314	千岛群岛 (221)Kurile Islands
1611	23 23	06–58–29.2	45.60N	150.71E	54	4.4	4.1			5.1		5.1	1.0	168	千岛群岛 (221)Kurile Islands
1612	23 23	12–18–15.2	41.43N	121.84E	28			3.0					2.9	8	中国东北部 (658)North–Eastern China
1613	23 23	15–48–48.2	2.38N	128.43E	140					5.0		5.1	0.9	75	查伊洛洛贾洛洛(哈马黑拉)岛 (267)Djailolo Gilolo (Halmahera)
1614	24 24	05–06–02.4	6.52S	130.25E	83					5.2		5.3	1.2	118	班达海 (280)Banda Sea
1615	24 25	20–05–00.4	54.01N	164.35W	33		4.2			5.0	4.2	5.0	0.9	205	乌尼马克岛地区 (10)Unimak Island region
1616	25 25	08–24–13.8	30.07N	99.51E	13			3.3					2.6	8	四川省 (307)Sichuan Province
1617	25 25	11–16–29.8	20.70S	174.80W	33					5.1		5.2	0.9	59	汤加 (173)Tonga
1618	25 25	14–14–16.7	33.66S	179.64E	201					5.0		5.0	1.1	66	克马德克群岛以南地区 (179)South of Kermadec Islands
1619	25 26	16–04–59.5	14.86N	119.78E	34					4.6		4.7	1.6	34	吕宋岛 (249)Luzon
1620	25 26	17–43–16.3	23.31S	178.90W	410					5.3		5.3	1.0	242	斐济以南地区 (171)South of Fiji
1621	25 26	20–19–05.9	40.44N	122.39E	19			3.3					2.4	10	中国东北部 (658)North–Eastern China
1622	25 26	20–46–23.0	56.75S	147.51E	15		5.0			5.1	5.1	5.2	1.6	41	麦阔里岛以西地区 (701)West of Macquarie Island
1623	26 26	05–33–10.8	6.86S	125.28E	554					5.0		5.0	1.3	20	班达海 (280)Banda Sea
1624	26 26	07–22–40.0	44.26N	81.10E	10			3.5					3.9	7	哈萨克——新疆边境地区 (331)Kazakhstan–Xinjiang border region
1625	26 26	09–14–49.9	9.24S	158.64E	25	5.2	5.0		5.7	5.3	5.1	5.2	0.9	115	所罗门群岛 (193)Solomon Islands

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1626	26 26 23	15–56–49.2	24.28N	121.71E	5			3.7					2.1	9	台湾岛 (244)Taiwan
1627	26 27 00	16–55–16.1	24.48N	103.23E	11			3.4					2.4	12	云南省 (318)Yunnan Province
1628	26 27 02	18–18–09.9	44.00N	87.10E	13			3.2					1.8	8	新疆自治区北部 (332)Northern Xinjiang Province
1629	26 27 06	22–16–25.2	16.14S	173.20W	27		5.4		5.6	5.0	5.4	5.2	1.2	111	汤加 (173)Tonga
1630	26 27 06	22–42–55.2	1.10S	120.71E	34	4.5	4.9		5.5	5.0	4.8	5.0	1.6	55	苏拉威西(西里伯斯)岛 (268)Sulawesi (Celebes)
1631	26 27 07	23–55–51.6	23.90N	102.38E	16	3.7		3.9		4.0			1.9	23	云南省 (318)Yunnan Province
1632	27 27 15	07–39–54.8	34.65N	98.87E	30	4.4	4.3	4.6		4.6		4.7	1.9	42	青海省 (325)Qinghai Province
1633	27 27 20	12–11–22.6	21.42S	174.05W	36		5.0			5.2	5.0	5.2	1.3	88	汤加 (173)Tonga
1634	27 28 07	23–01–25.4	3.32S	137.64E	63		4.3			5.3		5.5	1.2	149	西伊里安 (201)West Irian
1635	28 28 08	00–37–50.4	40.06N	117.01E	8			3.6					2.4	18	中国东北部 (658)North–Eastern China
1636	28 28 11	03–27–09.6	39.93N	106.32E	30	3.6	3.3	3.9					2.0	17	中国北部 (323)Northern China
1637	28 28 14	06–57–25.3	4.75S	103.17E	33		4.5			5.1		5.1	1.1	76	苏门答腊南部 (274)Southern Sumatera
1638	28 28 17	09–38–23.4	27.96N	140.91E	33	4.6	4.3		5.1	5.1	4.3	5.2	1.4	124	小笠原群岛地区 (212)Bonin Islands region
1639	28 28 18	10–48–09.8	40.09N	117.04E	12	3.5	3.5	3.6					2.2	19	中国东北部 (658)North–Eastern China
1640	28 28 18	10–48–26.4	27.98N	140.87E	33	4.7	4.4		5.2	5.0	4.4	5.1	1.4	108	小笠原群岛地区 (212)Bonin Islands region
1641	28 29 04	20–26–56.3	5.78S	151.00E	28	6.5	6.6		6.4	5.9	6.6	5.8	1.3	422	新不列颠地区 (192)New Britain region
1642	29 29 11	03–55–04.7	8.19S	74.35W	159					5.0		5.0	1.3	111	秘鲁——巴西边境地区 (112)Peru–Brazil border region
1643	29 29 12	04–13–57.8	35.71N	140.16E	77	4.0	3.9			5.0		5.1	1.3	112	本州南海岸近海 (230)Near south coast of Honshu
1644	30 30 08	00–21–46.3	20.85S	178.57W	567				6.7	6.1		6.3	0.9	482	斐济地区 (181)Fiji region
1645	30 30 08	00–42–24.9	20.88S	178.69W	588				5.6	5.5		5.6	0.8	228	斐济地区 (181)Fiji region
1646	30 30 09	01–01–31.5	43.13N	112.46E	20	5.3	5.0	5.6	5.4	4.9		4.9	1.5	118	中国东北部 (658)North–Eastern China
1647	30 30 17	09–44–43.0	22.59N	121.49E	33	5.2	5.1	5.4	5.4	5.4	5.2	5.5	1.4	233	台湾岛 (244)Taiwan
1648	30 30 20	12–08–51.2	6.74S	130.46E	74		4.5			5.1		5.2	1.0	101	班达海 (280)Banda Sea
1649	30 1 00	16–33–05.3	37.83N	101.42E	20	5.2	4.9	4.9	4.8	5.1	4.5	5.3	1.5	178	青海省 (325)Qinghai Province
1650	30 1 01	17–31–10.8	23.74N	121.70E	22	4.3	4.2	4.6		4.4		4.4	1.9	63	台湾岛 (244)Taiwan
1651	30 1 01	17–47–35.1	37.99N	101.54E	19			3.4					2.7	7	青海省 (325)Qinghai Province

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1652	1	10-24-23.8	31.37S	178.69W	37				5.3		5.3	1.5	19	克马德克群岛地区	
	1	18												(177)Kermadec Islands region	
1653	1	13-23-45.3	23.96N	121.70E	26	4.2	3.6	4.4	4.4		4.3	1.8	53	台湾岛	
	1	21												(244)Taiwan	
1654	1	17-00-53.2	34.14N	113.43E	9			3.5				1.8	18	中国东部	
	2	01												(664)Eastern China	
1655	1	20-30-19.3	35.76N	65.52E	12	5.0	4.7		5.5	5.2	4.5	5.3	1.2	216	兴都库什地区
	2	04												(718)Hindu Kush region	
1656	2	06-37-27.1	6.10S	150.89E	10	4.9	4.6		5.0	4.6	5.1	1.4	55	新不列颠地区	
	2	14												(192)New Britain region	
1657	2	14-32-54.8	10.35S	161.38E	91				5.7	5.4		5.4	0.9	162	所罗门群岛
	2	22												(193)Solomon Islands	
1658	2	17-49-10.4	10.20S	161.05E	95				5.9	5.2		5.2	1.2	173	所罗门群岛
	3	01												(193)Solomon Islands	
1659	2	18-24-08.2	27.57N	100.81E	16			3.0				2.6	8	云南省	
	3	02												(318)Yunnan Province	
1660	3	15-46-14.0	10.13S	160.91E	46		4.8		5.4	4.9	4.7	5.1	1.2	89	所罗门群岛
	3	23												(193)Solomon Islands	
1661	3	20-20-13.2	17.08S	167.97E	31	5.6	5.6		5.6	5.0	5.7	5.0	1.5	143	瓦努阿图(新赫布里底)
	4	04												(186)Vanuatu (New Hebrides)	
1662	3	20-24-22.0	16.96S	167.92E	48	5.4	5.4		5.6	4.7	5.5	4.9	1.8	88	瓦努阿图(新赫布里底)
	4	04												(186)Vanuatu (New Hebrides)	
1663	3	20-43-30.8	16.80S	168.14E	16	5.3	5.6		5.4	5.2	5.6	5.2	1.4	168	瓦努阿图(新赫布里底)
	4	04												(186)Vanuatu (New Hebrides)	
1664	4	21-44-40.5	39.20N	118.09E	14			3.7				2.4	22	中国东北部	
	5	05												(658)North-Eastern China	
1665	5	05-58-50.1	19.10S	172.96W	33		4.9		4.9	4.7	5.1	1.1	51	汤加	
	5	13												(173)Tonga	
1666	5	07-24-26.8	52.19N	169.33W	33	5.1	4.9		5.3	4.9	5.3	1.0	265	福克斯群岛	
	5	15												(9)Fox Islands	
1667	5	07-32-40.9	0.70N	121.22E	106				5.0		5.0	1.2	58	米那哈沙半岛(西里伯斯)	
	5	15												(265)Minahassa Peninsula (Celebes)	
1668	5	13-09-33.8	24.70S	179.97E	500				4.9		5.0	0.9	88	斐济以南地区	
	5	21												(171)South of Fiji	
1669	6	01-46-47.0	41.12N	43.40E	18	5.2	4.9		5.8	4.9	4.6	5.0	1.3	167	土耳其
	6	09												(366)Turkey	
1670	6	07-51-33.4	16.76S	168.10E	22	5.1	5.2		5.0	5.2	5.0	1.8	54	瓦努阿图(新赫布里底)	
	6	15												(186)Vanuatu (New Hebrides)	
1671	6	09-48-56.2	37.89N	101.61E	10	4.1	3.9	4.2				2.3	25	青海省	
	6	17												(325)Qinghai Province	
1672	6	10-12-52.2	51.13N	176.53W	32	4.9	4.7		5.0	4.7	5.1	1.0	117	安德烈亚诺夫群岛	
	6	18												(7)Andreanof Islands	
1673	6	10-50-44.2	21.35N	104.21E	10	5.3	4.7	5.1	5.0	4.7		4.5	1.9	86	印度支那半岛
	6	18												(299)Indo-Pacific Peninsula	
1674	6	12-18-12.2	37.82N	101.46E	9	4.1	4.1	4.2		4.1		4.1	2.3	33	青海省
	6	20												(325)Qinghai Province	
1675	6	15-30-27.4	38.17N	101.65E	10			3.6				2.3	8	青海省	
	6	23												(325)Qinghai Province	
1676	6	16-48-20.9	7.32S	74.80W	142					5.4		5.4	1.2	308	秘鲁北部
	7	00												(111)Northern Peru	

1677	6 7	18–03–29.7 02	17.66N	119.20E	34	4.2	4.2		4.4	4.3	1.1	35	菲律宾群岛地区 (248)Philippine Islands region
1678	6 7	19–52–06.7 03	59.06S	25.56W	33				5.0	5.1	1.5	40	南桑德韦奇群岛地区 (153)South Sandwich Islands region
1679	6 7	23–25–21.5 07	37.79N	115.21E	18			3.8			1.8	23	中国东北部 (658)North–Eastern China
1680	7 7	00–43–45.2 08	40.43N	104.47E	18			3.3			4.4	7	中国北部 (323)Northern China
1681	7 7	10–38–30.9 18	33.68N	141.05E	50	4.3	4.4		4.8	5.0	1.6	114	本州以南地区 (211)South of Honshu
1682	7 7	10–44–26.7 18	42.82N	127.03E	12			3.5			3.2	13	中国东北部 (658)North–Eastern China
1683	7 7	11–28–49.3 19	3.34N	125.76E	115				4.9	5.0	1.4	97	塔劳群岛 (263)Talaud Islands
1684	7 8	19–56–20.8 03	10.50S	117.21E	50	5.2	4.9		5.6	5.2	4.9	5.2	1.4	129	松巴哇以南地区 (291)South of Sumbawa
1685	8 8	03–31–14.7 11	45.64N	149.07E	146				6.3	6.0		6.0	1.0	618	千岛群岛 (221)Kurile Islands
1686	8 8	14–48–17.3 22	23.94N	121.84E	11			4.0		3.7		3.7	1.8	23	台湾岛 (244)Taiwan
1687	8 9	18–00–52.8 02	43.22N	124.76E	14			3.7					2.7	20	中国东北部 (658)North–Eastern China
1688	9 9	03–35–42.5 11	44.46N	80.84E	10	3.8		3.9					2.4	14	哈萨克——新疆边境地区 (331)Kazakhstan–Xinjiang border region
1689	9 9	07–33–20.4 15	27.61N	101.03E	15			3.6					3.0	17	云南省 (318)Yunnan Province
1690	9 9	10–25–48.7 18	31.95N	117.73E	12			3.1					2.1	8	中国东部 (664)Eastern China
1691	9 9	12–19–18.4 20	0.96N	87.37W	8		5.0		4.9	5.0	5.0	5.0	1.6	87	加拉帕戈斯群岛地区 (696)Galapagos Islands region
1692	9 9	12–37–32.7 20	40.69N	122.79E	14			3.1					2.3	9	中国东北部 (658)North–Eastern China
1693	9 9	15–39–23.6 23	53.51N	165.96W	33	5.1	4.9		5.1	5.1	5.2	5.2	1.2	187	福克斯群岛 (9)Fox Islands
1694	9 10	17–22–05.4 01	1.86N	31.25E	32	5.6	5.2		5.6	5.7	5.4	5.7	1.1	268	乌干达 (568)Uganda
1695	10 10	00–06–14.4 08	13.93S	167.23E	199				4.9		5.1	1.0	178	瓦努阿图(新赫布里底) (186)Vanuatu (New Hebrides)
1696	10 10	01–32–29.1 09	17.49S	174.51W	152				5.2		5.3	1.2	182	汤加 (173)Tonga
1697	10 10	07–04–01.8 15	31.67S	57.68E	9				5.1		5.1	1.1	24	大西洋——印度洋海岭 (428)Atlantic–Indian Ridge
1698	10 10	08–52–37.2 16	13.24N	121.21E	64				5.0		5.0	1.0	85	民都洛岛 (250)Mindoro
1699	10 10	14–51–30.4 22	43.28N	112.40E	5			3.3				2.1	11	中国东北部 (658)North–Eastern China
1700	10 11	23–20–07.4 07	3.57N	83.30W	8		4.9		4.9	4.9	5.0	1.6	68	中美洲海岸远海 (76)Off coast of Central America
1701	11 11	02–16–35.6 10	29.80S	177.47W	90				5.2		5.2	1.0	55	克马德克群岛 (178)Kermadec Islands
1702	11 11	02–26–29.3 10	22.00N	104.96E	7	4.5		4.1	4.5		4.1	3.2	17	印度支那半岛 (299)Indo–Pacific Peninsula

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1703	11 11	03–01–50.9	2.72S	153.10E	27	5.3	5.0		5.7	5.2	5.1	5.4	1.4	170	新爱尔兰地区 (190)New Ireland region
1704	11 11	03–07–54.0	51.11N	176.91W	49		4.8			5.2		5.0	1.5	25	安德烈亚诺夫群岛 (7)Andreanof Islands
1705	11 11	03–14–40.6	31.69N	50.76E	38	5.4	5.0		5.8	5.0	4.9	5.2	1.2	189	伊朗 (348)Iran
1706	11 11	05–42–35.0	24.88N	122.00E	21			3.8		4.1		4.2	3.3	10	台湾岛 (244)Taiwan
1707	11 11	07–21–29.7	5.56S	154.36E	114					5.2		5.2	1.0	79	新不列颠地区 (192)New Britain region
1708	11 11	09–50–46.8	53.17N	154.03E	47					4.9		5.0	2.2	16	千岛群岛西北以远地区 (220)North-west of Kurile Islands
1709	11 11	10–44–50.3	7.59S	117.48E	313				4.9	5.1		5.1	1.2	201	松巴哇地区 (285)Sumbawa region
1710	11 12	16–12–29.8	16.87S	174.16W	130					5.0		5.0	1.4	90	汤加 (173)Tonga
1711	11 12	20–04–25.6	6.08S	130.30E	105					5.1		5.1	0.9	40	班达海 (280)Banda Sea
1712	11 12	20–22–15.9	20.58S	178.48W	615					4.9		5.0	1.0	131	斐济地区 (181)Fiji region
1713	12 12	00–21–06.6	36.38N	103.68E	9			3.2					2.8	5	甘肃省 (322)Gansu Province
1714	12 12	05–08–39.3	22.84N	121.47E	29	4.7	4.7	4.8	5.0	5.0	4.8	5.1	1.7	136	台湾岛 (244)Taiwan
1715	12 12	12–23–44.4	37.88N	101.18E	12	4.2	3.9	4.4		4.2		4.3	2.3	39	青海省 (325)Qinghai Province
1716	12 12	12–32–51.1	37.93N	101.24E	2			3.4					2.1	6	青海省 (325)Qinghai Province
1717	12 12	13–52–10.6	21.60N	119.88E	13	3.8		3.6		4.2		4.2	1.8	17	台湾地区 (243)Taiwan region
1718	12 12	15–24–50.8	39.81N	113.78E	6			3.6					1.6	19	中国东北部 (658)North-Eastern China
1719	12 13	16–26–24.8	13.73S	166.69E	43	5.8	5.9		6.5	5.9	6.1	5.9	1.2	376	瓦努阿图(新赫布里底) (186)Vanuatu (New Hebrides)
1720	12 13	18–42–38.4	7.02S	130.11E	141					5.0		5.0	1.3	36	班达海 (280)Banda Sea
1721	13 13	00–55–17.5	2.42N	127.83E	23					4.9		5.0	1.4	47	查伊洛洛贾洛洛(哈马黑拉)岛 (267)Djailolo Gilolo (Halmahera)
1722	13 13	00–57–53.0	2.48N	127.77E	26	5.7	5.5		6.0	5.5	5.5	5.6	1.5	196	查伊洛洛贾洛洛(哈马黑拉)岛 (267)Djailolo Gilolo (Halmahera)
1723	13 13	03–34–45.4	40.50N	77.92E	17			3.5					4.2	6	吉尔吉斯——新疆边境地区 (320)Kirgiziya–Xinjiang border region
1724	13 13	06–12–24.1	2.28N	126.71E	32					4.9		5.0	1.3	62	马鲁古海峡 (266)Molucca Passage
1725	13 14	18–12–19.5	56.00S	122.70W	10	6.3	6.1		5.9	5.2	6.2	5.2	1.9	101	复活节岛海山 (684)Easter Island Cordillera
1726	13 14	23–18–44.8	35.45N	104.99E	18			3.3					1.9	9	甘肃省 (322)Gansu Province
1727	14 14	05–55–24.9	6.02S	154.43E	417					5.0		5.2	1.1	80	新不列颠地区 (192)New Britain region
1728	14 14	08–18–27.9	23.97N	122.75E	33	3.9	3.8	4.1		4.4		4.3	1.5	35	台湾地区 (243)Taiwan region

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1729	14	08–20–09.2	1.80N	127.33E	138					5.1		5.0	0.8	30	马鲁古海峡		
	14	16													(266)Molucca Passage		
1730	14	14–35–55.5	18.06S	178.40W	585					5.2		5.3	1.2	140	斐济地区		
	14	22													(181)Fiji region		
1731	14	15–58–15.4	9.09S	158.49E	43	7.1	7.0		7.0	6.1	7.1	6.3	1.5	396	所罗门群岛		
	14	23													(193)Solomon Islands		
1732	14	15–59–15.8	4.52S	135.51E	32		6.9		6.5	5.2		5.3	1.4	92	西伊里安地区		
	14	23													(196)West Irian region		
1733	14	16–16–57.0	9.04S	158.64E	31	6.7	6.5		5.9	5.9	6.4	5.9	1.0	239	所罗门群岛		
	15	00													(193)Solomon Islands		
1734	14	16–55–52.5	8.99S	158.36E	18	6.2	6.1			5.3	6.1	5.5	1.1	130	所罗门群岛		
	15	00													(193)Solomon Islands		
1735	14	19–31–51.3	9.17S	158.76E	26	5.0	5.0			4.8	5.0	4.9	1.3	68	所罗门群岛		
	15	03													(193)Solomon Islands		
1736	15	03–30–21.6	8.97S	158.21E	17					4.9		5.0	1.2	66	所罗门群岛		
	15	11													(193)Solomon Islands		
1737	15	09–07–16.8	9.10S	158.42E	25	4.9	4.9		5.6	5.0	4.8	5.1	1.6	93	所罗门群岛		
	15	17													(193)Solomon Islands		
1738	15	16–18–01.6	6.44S	130.06E	136				6.2	5.9		5.9	1.3	350	班达海		
	16	00													(280)Banda Sea		
1739	15	17–19–24.7	40.17N	78.04E	25			3.6					4.7	5	新疆自治区南部		
	16	01													(321)Southern Xinjiang Province		
1740	15	19–10–59.5	30.55N	79.25E	25					4.4		4.5	1.5	51	印度北部		
	16	03													(308)Northern India		
1741	15	20–20–10.8	43.86N	86.94E	29	4.5	3.6	4.3		4.2		4.3	2.2	41	新疆自治区北部		
	16	04													(332)Northern Xinjiang Province		
1742	15	23–00–54.5	34.42N	26.23E	21		3.8			5.2		5.2	1.4	247	地中海东部		
	16	07													(371)Eastern Mediterranean Sea		
1743	15	23–15–28.3	40.71N	106.06E	10			3.7					2.4	13	中国北部		
	16	07													(323)Northern China		
1744	16	03–06–14.6	9.57S	119.85E	44	4.4	4.4			5.1		5.2	1.6	105	松巴地区		
	16	11													(287)Sumba region		
1745	16	05–25–19.4	7.47S	128.12E	151					5.0		5.0	1.1	43	班达海		
	16	13													(280)Banda Sea		
1746	16	06–05–54.4	32.47N	142.33E	35	4.3	4.1		5.4	5.1		5.1	1.1	158	本州以南地区		
	16	14													(211)South of Honshu		
1747	16	11–53–53.9	10.41S	123.73E	33		4.3			5.1		5.1	1.3	88	帝汶岛		
	16	19													(289)Timor		
1748	16	17–39–29.0	48.43N	155.44E	31	4.5	4.5			4.9	4.5	5.0	1.2	107	千岛群岛		
	17	01													(221)Kurile Islands		
1749	16	18–19–42.7	39.67N	118.62E	13	3.9		3.9					2.0	28	中国东北部		
	17	02													(658)North–Eastern China		
1750	17	05–20–57.6	4.48S	135.38E	22	5.6	5.5		5.9	5.5	5.6	5.6	1.4	217	西伊里安地区		
	17	13													(196)West Irian region		
1751	17	09–05–20.2	15.27S	173.53W	35	5.8	5.8		5.9	5.6	6.1	5.6	1.4	353	汤加		
	17	17													(173)Tonga		
1752	17	09–16–28.2	17.94N	119.88E	33	4.3				4.6		4.3	2.2	17	菲律宾群岛地区		
	17	17													(248)Philippine Islands region		
1753	17	15–43–25.5	17.95S	178.62W	557				5.6	5.1		5.2	1.0	222	斐济地区		
	17	23													(181)Fiji region		
1754	17	16–46–23.9	28.91S	177.96W	30		4.9			5.1		5.0	1.5	67	克马德克群岛		
	18	00													(178)Kermadec Islands		

1755	17 18	16-57-26.4	43.00N	145.02E	65	4.3	4.2		5.3	5.1		5.1	1.1	202	北海道地区 (224)Hokkaido region
1756	17 18	17-46-55.5	86.99N	63.48E	10	5.0	4.6		5.7	5.1	4.6	5.1	1.1	184	法兰士约瑟夫地以北地区 (644)North of Franz Joseph Land
1757	17 18	18-11-56.3	53.15N	159.71E	33		4.9			5.0		5.1	1.0	88	堪察加东海岸远海 (219)Off east coast of Kamchatka
1758	17 18	21-33-30.4	17.77S	175.49W	269					4.8		5.0	1.3	60	汤加 (173)Tonga
1759	18 18	03-52-07.8	23.95N	121.57E	3	4.4	4.5	4.5		4.4			1.8	45	台湾岛 (244)Taiwan
1760	18 18	10-32-17.9	32.00N	141.62E	32	4.6	4.5		5.0	5.1		5.2	1.2	117	本州以南地区 (211)South of Honshu
1761	18 18	14-04-54.9	35.68N	28.41E	51	4.7	4.3			5.2		5.3	1.4	328	多德卡尼斯群岛 (369)Dodecanese Islands
1762	18 19	17-22-54.7	24.21S	177.55W	194				6.1	5.7		5.8	1.2	449	斐济以南地区 (171)South of Fiji
1763	18 19	17-37-24.9	35.65N	118.83E	6			3.5					2.9	10	中国东部 (664)Eastern China
1764	18 19	19-10-10.0	7.84N	122.18E	35	5.0	5.0		5.6	5.3	5.0	5.3	1.4	133	棉兰老岛 (259)Mindanao
1765	18 19	19-27-58.6	24.02S	175.75W	21		5.3			5.3	5.2	5.3	1.2	59	斐济以南地区 (171)South of Fiji
1766	18 19	23-22-01.7	2.57N	127.91E	24	4.5	4.4		5.3	5.0	4.3	5.0	1.3	86	马鲁古海峡 (266)Molucca Passage
1767	19 19	01-55-26.8	0.87N	97.39E	28	4.9	4.7			5.0		5.1	1.0	64	北苏门答腊西海岸远海 (705)Off west coast of Northern Sumatera
1768	19 19	04-09-06.6	53.67N	167.20W	34					5.0		5.0	1.2	90	福克斯群岛 (9)Fox Islands
1769	19 19	04-19-01.5	28.59N	103.77E	7			3.4					2.1	15	四川省 (307)Sichuan Province
1770	19 19	04-59-07.5	53.75N	167.21W	32	4.9	5.1		5.6	5.0	5.0	5.0	1.3	144	福克斯群岛 (9)Fox Islands
1771	19 19	05-18-47.3	44.37N	149.55E	46	5.2	5.2		5.8	5.5	5.2	5.6	1.0	380	千岛群岛地区 (222)Kurile Islands region
1772	19 19	08-48-19.1	8.97S	117.18E	95				5.7	5.8		5.8	1.5	306	松巴哇地区 (285)Sumbawa region
1773	19 19	10-29-27.0	40.27N	104.66E	7			3.5					2.0	13	中国北部 (323)Northern China
1774	19 20	16-45-05.8	20.91S	178.57W	595					5.1		5.1	1.1	179	斐济地区 (181)Fiji region
1775	19 20	21-23-13.5	30.83N	78.78E	9	6.8	6.6		6.7	6.3	7.0	6.5	1.1	554	印度北部 (308)Northern India
1776	19 20	22-41-14.9	30.79N	78.67E	17	4.8	4.7			4.7	4.6	4.8	1.3	56	印度北部 (308)Northern India
1777	20 20	01-17-02.2	53.82N	166.97W	33	5.3	5.2		5.5	4.9	5.2	5.0	1.4	148	福克斯群岛 (9)Fox Islands
1778	20 20	04-20-28.9	30.85N	78.70E	32	4.0	4.4			4.4		4.5	1.5	37	印度北部 (308)Northern India
1779	20 20	05-32-26.2	30.84N	78.66E	26	4.2	3.9		5.1	4.7		4.9	0.9	101	印度北部 (308)Northern India
1780	20 20	07-56-31.4	30.67N	78.74E	23					4.2		4.2	2.2	13	印度北部 (308)Northern India

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1781	20 20	09–51–27.3	33.32N	135.31E	43	4.6	4.7		5.5	5.1	4.8	5.2	1.1	183	四国岛 (236)Shikoku
1782	20 20	13–50–05.5	36.10N	100.40E	15			3.6					2.3	8	青海省 (325)Qinghai Province
1783	20 21	19–00–14.7	36.04N	80.87E	20			4.0					2.8	7	克什米尔——西藏边境地区 (304)Kashmir–Tibet border region
1784	20 21	22–07–21.3	0.80S	146.64E	33	4.8	4.4			5.0	4.3	5.0	1.0	61	阿德默勒尔蒂群岛地区 (199)Admiralty Islands region
1785	21 21	05–26–11.8	44.40N	80.74E	11			4.1					2.7	13	哈萨克——新疆边境地区 (331)Kazakhstan–Xinjiang border region
1786	21 22	20–23–53.9	23.93N	121.42E	4			3.5					1.9	7	台湾岛 (244)Taiwan
1787	21 22	22–44–48.0	17.06N	145.74E	182					5.0		5.0	1.2	150	马里亚纳群岛 (216)Marianas
1788	22 22	00–03–01.4	37.47N	103.28E	12			3.6					2.6	9	青海省 (325)Qinghai Province
1789	22 22	07–05–53.2	41.14N	78.86E	8			3.7					3.1	6	新疆自治区南部 (321)Southern Xinjiang Province
1790	23 23	00–08–52.0	32.98N	103.92E	9			3.2					2.6	9	四川省 (307)Sichuan Province
1791	23 23	04–15–52.6	2.28N	127.38E	51	4.9	3.4			5.0		5.0	1.3	60	马鲁古海峡 (266)Molucca Passage
1792	23 23	05–27–17.4	6.99S	105.39E	61	5.5	5.2		5.0	5.3	5.2	5.4	2.0	96	苏门答腊西南以远地区 (273)South–west of Sumatera
1793	23 23	08–46–39.9	40.74N	109.48E	5			3.0					2.7	7	中国北部 (323)Northern China
1794	23 23	12–24–56.0	11.29S	166.43E	136				5.7	5.3		5.3	1.1	237	圣克鲁斯群岛 (184)Santa Cruz Islands
1795	23 23	12–49–35.7	9.99N	126.13E	49		4.3			5.3		5.3	1.3	140	棉兰老岛 (259)Mindanao
1796	23 24	17–19–48.0	38.44N	73.61E	28			4.1		5.0		4.7	3.0	19	塔吉克 (715)Tadzhikistan
1797	23 24	18–11–29.0	27.65N	103.57E	11	3.9	3.8	3.7					2.4	23	云南省 (318)Yunnan Province
1798	23 24	23–18–36.2	51.31N	178.33E	33	4.9	4.4		5.6	5.1	4.4	5.1	1.0	262	拉特群岛 (6)Rat Islands
1799	23 24	23–59–43.2	51.29N	178.30E	33	5.3	5.0		5.9	5.4	5.0	5.4	0.9	312	拉特群岛 (6)Rat Islands
1800	24 24	12–06–11.0	23.03N	121.43E	10	3.7	3.5	4.0				4.2	2.4	15	台湾岛 (244)Taiwan
1801	24 25	18–01–00.4	26.63N	103.08E	13	3.6		3.3					3.0	18	四川省 (307)Sichuan Province
1802	24 25	23–12–20.1	2.71S	101.09E	52	4.6	4.4			5.0		5.1	1.0	102	苏门答腊南部 (274)Southern Sumatera
1803	25 25	05–22–05.0	0.68S	127.62E	31					5.1		5.1	0.8	44	查伊洛洛贾洛洛(哈马黑拉)岛 (267)Djailolo Gilolo (Halmahera)
1804	25 25	05–48–14.2	24.61N	117.60E	8			3.5					2.4	9	中国东南沿海 (242)Near south–eastern coast of China
1805	25 25	10–39–00.9	43.37N	144.35E	101				5.8	5.7		5.7	0.8	445	北海道地区 (224)Hokkaido region
1806	25 25	13–25–02.1	31.46S	177.78W	33		4.9			5.2	4.9	5.1	1.4	33	克马德克群岛地区 (177)Kermadec Islands region

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1807	25	13–48–21.0	13.38N	120.50E	22	5.1	5.1		5.5	5.0	5.1	5.2	1.5	160	民都洛岛
	25	21													(250)Mindoro
1808	25	14–40–39.7	23.87N	122.99E	26	4.9	4.6	4.8	5.1	4.9			1.6	75	台湾地区
	25	22													(243)Taiwan region
1809	25	15–22–24.0	26.34N	102.78E	20			3.6					2.6	14	云南省
	25	23													(318)Yunnan Province
1810	26	02–27–31.3	18.55N	145.71E	193				5.5	5.4		5.5	1.3	296	马里亚纳群岛
	26	10													(216)Marianas
1811	27	00–08–44.1	22.81N	118.00E	8			3.9					3.4	7	台湾地区
	27	08													(243)Taiwan region
1812	27	05–06–44.8	35.98N	141.33E	26	4.6	4.6		5.5	5.1	4.7	5.2	1.3	214	本州东海岸近海
	27	13													(228)Near east coast of Honshu
1813	27	07–01–22.5	40.24N	63.10E	39	4.5	3.9			5.0	3.7	5.0	1.1	139	土库曼
	27	15													(340)Turkmeniya
1814	27	10–22–46.6	5.13S	152.62E	61	5.6	5.5		5.8	5.5		5.5	1.5	256	新不列颠地区
	27	18													(192)New Britain region
1815	27	16–17–30.4	22.00S	67.40W	173					5.4		5.4	1.2	235	智利——玻利维亚边境地区
	28	00													(124)Chile–Bolivia border region
1816	27	22–03–09.3	2.56S	126.34E	58					4.8	5.4	4.9	0.9	33	斯兰海
	28	06													(270)Ceram Sea
1817	27	22–05–02.8	57.76S	25.40W	33		5.5		6.0	5.4	5.5	5.4	1.4	139	南桑德韦奇群岛地区
	28	06													(153)South Sandwich Islands region
1818	27	22–19–24.2	38.06N	93.41E	5		4.6	3.4					3.1	6	青海省
	28	06													(325)Qinghai Province
1819	28	01–09–10.0	33.84N	131.27E	17	5.1	4.9	5.6	5.4	5.0	4.9	5.1	1.4	167	九州岛
	28	09													(235)Kyushu
1820	28	18–43–23.9	31.64N	102.48E	8			4.0		4.9			2.3	26	四川省
	29	02													(307)Sichuan Province
1821	28	21–50–29.4	37.69N	72.04E	30	4.5	3.5			5.1		5.1	1.3	170	阿富汗——苏联边境地区
	29	05													(717)Afghanistan–USSR border region
1822	29	02–13–30.1	27.29N	100.95E	4			3.3					2.7	8	云南省
	29	10													(318)Yunnan Province
1823	29	16–30–18.7	37.23N	106.01E	19	4.4	4.1	4.7		4.4			2.1	51	中国北部
	30	00													(323)Northern China
1824	29	23–13–57.4	16.20S	168.00E	176					5.3		5.3	1.0	218	瓦努阿图(新赫布里底)
	30	07													(186)Vanuatu (New Hebrides)
1825	30	01–02–43.1	7.05S	154.94E	32		4.9		5.4	5.2		5.2	1.4	84	所罗门群岛
	30	09													(193)Solomon Islands
1826	30	04–02–42.5	5.63S	153.93E	70	5.1	5.1		5.9	5.7		5.7	1.3	208	新不列颠地区
	30	12													(192)New Britain region
1827	30	07–58–37.3	35.98N	106.46E	4			3.1					3.3	7	甘肃省
	30	15													(322)Gansu Province
1828	30	10–35–46.4	15.34S	173.12W	56	6.1	6.4		6.1	5.7	6.4	5.8	1.6	354	汤加
	30	18													(173)Tonga
1829	30	16–01–38.0	36.72N	71.34E	173					5.0		5.0	1.1	171	兴都库什地区
	31	00													(718)Hindu Kush region
1830	31	01–11–34.6	1.99S	134.33E	32	5.0	4.9		5.8	5.2	5.0	5.2	1.2	119	西伊里安地区
	31	09													(196)West Irian region
1831	31	02–29–02.0	40.18N	72.80E	21	5.0	4.9	6.0	5.2	5.1	5.0	5.2	1.2	203	吉尔吉斯
	31	10													(716)Kirgiziya
1832	31	10–29–21.8	39.07N	99.54E	17	3.9	4.1	4.5					2.4	19	青海省
	31	18													(325)Qinghai Province

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1833	1	02-51-12.6	1.23N	122.12E	37	5.5	5.4		5.8	5.6	5.5	5.6	1.4	211	米那哈沙半岛(西里伯斯)
	1	10													(265)Minahassa Peninsula (Celebes)
1834	1	16-23-21.9	30.19S	177.97W	21	6.4	6.6		6.6	6.3	6.5	6.4	1.2	523	克马德克群岛
	2	00													(178)Kermadec Islands
1835	1	16-32-53.2	30.40S	177.73W	10					5.6		5.7	1.5	45	克马德克群岛
	2	00													(178)Kermadec Islands
1836	1	16-52-55.6	46.61N	152.82E	43		6.0			4.9	6.0	5.0	1.0	109	千岛群岛
	2	00													(221)Kurile Islands
1837	1	19-40-44.9	9.29S	154.20E	38					5.0		5.1	0.9	67	当特尔卡斯托群岛地区
	2	03													(194)D'Entrecasteaux Islands region
1838	2	15-26-56.4	11.30N	126.14E	40	4.8	4.7		5.3	4.8	4.5	5.0	1.4	118	莱特岛
	2	23													(256)Leyte
1839	3	00-02-26.3	28.31N	104.03E	33	4.5	4.1	4.4		4.8		4.5	2.1	64	云南省
	3	08													(318)Yunnan Province
1840	3	04-17-14.2	23.37N	121.81E	17	4.2	3.7	4.3		4.5		4.3	2.2	48	台湾地区
	3	12													(243)Taiwan region
1841	3	05-39-04.4	40.12N	73.05E	12			3.9		4.6		4.5	1.9	22	吉尔吉斯
	3	13													(716)Kirgiziya
1842	3	17-37-47.6	16.51S	174.03W	32	5.1				5.2		5.2	1.5	47	汤加
	4	01													(173)Tonga
1843	3	18-14-13.8	6.97S	155.01E	65	5.4	4.8			4.9		5.0	1.3	86	所罗门群岛
	4	02													(193)Solomon Islands
1844	4	01-50-31.1	30.69N	50.23E	38	5.7	5.4		5.9	5.3	5.4	5.4	1.2	351	伊朗西部
	4	09													(347)Western Iran
1845	4	05-17-37.6	31.43N	140.36E	22	5.3	5.1		5.9	5.2		5.2	1.7	130	本州以南地区
	4	13													(211)South of Honshu
1846	4	06-24-02.5	6.02S	148.21E	49	5.7	5.8		6.1	5.6	6.0	5.7	1.3	296	新几内亚东部地区
	4	14													(207)Eastern New Guinea region
1847	4	11-49-42.6	2.65S	153.26E	28					4.9		5.0	1.1	37	新爱尔兰地区
	4	19													(190)New Ireland region
1848	4	21-12-10.7	23.73N	121.81E	2	4.1	4.3	4.2		4.3		4.2	2.0	43	台湾岛
	5	05													(244)Taiwan
1849	5	06-56-03.0	6.20S	146.47E	107				6.0	5.7		5.8	1.3	306	新几内亚
	5	14													(202)New Guinea
1850	5	07-12-12.3	20.58S	176.62W	265				5.6	5.1		5.3	1.2	162	斐济地区
	5	15													(181)Fiji region
1851	5	07-49-48.6	30.63N	50.17E	37	4.8	4.9			5.0	4.9	5.0	1.0	136	伊朗西部
	5	15													(347)Western Iran
1852	5	08-47-21.7	33.60N	119.96E	25	4.6	3.9	4.8		4.6			1.7	54	中国东部
	5	16													(664)Eastern China
1853	5	09-36-34.8	24.14N	121.79E	30		3.5	4.0		4.5		4.7	1.6	19	台湾岛
	5	17													(244)Taiwan
1854	5	21-16-15.5	16.86S	66.10E	9	5.8	5.7		5.9	5.5	6.0	5.6	1.9	196	马斯卡林群岛地区
	6	05													(427)Mascarene Islands region
1855	6	01-09-43.8	24.43N	99.15E	6			3.0					3.8	5	缅甸---中国边境地区
	6	09													(297)Burma-China border region
1856	6	02-46-11.0	40.88N	73.99E	33	4.1	4.0	4.7		4.6	4.0	4.7	1.7	67	吉尔吉斯
	6	10													(716)Kirgiziya
1857	6	09-57-10.4	31.60N	102.39E	13			3.7					2.2	16	四川省
	6	17													(307)Sichuan Province

1858	6	10–30–39.9	36.12N	106.09E	18		3.7					2.5	20	甘肃省	
	6	18												(322)Gansu Province	
1859	7	05–59–34.9	26.26S	177.82W	197			6.0	5.7		5.6	1.0	347	斐济以南地区	
	7	13												(171)South of Fiji	
1860	7	09–21–23.7	7.27S	128.62E	139			6.3	6.0		5.9	1.2	396	班达海	
	7	17												(280)Banda Sea	
1861	7	09–34–30.0	42.63N	113.17E	8		3.1					4.9	5	中国东北部	
	7	17												(658)North–Eastern China	
1862	7	12–14–23.6	23.95N	121.68E	8		3.6					2.0	12	台湾岛	
	7	20												(244)Taiwan	
1863	7	22–40–29.3	25.06N	99.23E	12		3.2					1.7	8	缅甸——中国边境地区	
	8	06												(297)Burma–China border region	
1864	7	23–26–13.7	40.16N	78.25E	5		3.3					3.3	8	新疆自治区南部	
	8	07												(321)Southern Xinjiang Province	
1865	8	07–10–29.5	38.44N	73.23E	18		4.8		4.1		4.1	3.3	17	塔吉克	
	8	15												(715)Tadzhikistan	
1866	8	09–54–47.8	23.53N	117.53E	32		4.0		4.6			2.9	10	中国东南沿海	
	8	17												(242)Near south–eastern coast of China	
1867	8	09–58–44.7	25.59N	142.25E	32				4.9		5.0	1.4	23	硫黄列岛地区	
	8	17												(213)Volcano Islands region	
1868	8	11–13–30.1	6.27N	126.69E	83	4.6	4.1				5.0		5.0	1.4	119 棉兰老岛
	8	19												(259)Mindanao	
1869	8	15–13–43.6	26.40N	70.62E	21	5.4	5.2		5.4	5.4	5.0	5.6	1.2	335 印度——巴基斯坦边境地区	
	8	23												(712)India–Pakistan border region	
1870	8	17–12–43.6	4.29S	102.76E	80	5.3	5.1		5.9	5.7		5.7	1.1	337 苏门答腊南部	
	9	01												(274)Southern Sumatera	
1871	8	21–59–56.6	24.46N	122.83E	5			3.8		4.2			2.3	22 台湾地区	
	9	05												(243)Taiwan region	
1872	9	05–14–58.5	37.50N	112.35E	10		3.5	4.3		4.6		4.4	2.5	34 中国东北部	
	9	13												(658)North–Eastern China	
1873	9	07–04–50.9	56.21S	27.17W	33		4.0			5.2	4.1	5.3	1.7	38 南桑德韦奇群岛地区	
	9	15												(153)South Sandwich Islands region	
1874	9	11–17–04.6	43.54N	84.40E	9	4.1	3.9	4.5		4.4		4.3	2.2	33 新疆自治区北部	
	9	19												(332)Northern Xinjiang Province	
1875	9	11–36–17.7	43.63N	84.27E	24			3.2					3.8	5 新疆自治区北部	
	9	19												(332)Northern Xinjiang Province	
1876	9	13–11–06.4	43.64N	84.24E	18			3.0					1.7	5 新疆自治区北部	
	9	21												(332)Northern Xinjiang Province	
1877	10	07–06–40.1	36.04N	81.10E	25			3.8					2.5	5 克什米尔——西藏边境地区	
	10	15												(304)Kashmir–Tibet border region	
1878	10	08–20–20.5	10.03N	83.25W	37		5.0		5.6	5.1	5.0	5.2	1.4	159 哥斯达黎加	
	10	16												(78)Costa Rica	
1879	10	12–30–40.8	41.76N	88.52E	18			3.5					3.8	5 新疆自治区南部	
	10	20												(321)Southern Xinjiang Province	
1880	10	13–04–38.7	59.48S	26.23W	32		5.3			5.1	5.0	5.2	1.6	80 南桑德韦奇群岛地区	
	10	21												(153)South Sandwich Islands region	
1881	10	15–19–13.7	30.59N	50.27E	43	5.0	4.6		5.5	5.0	4.4	5.0	1.1	241 伊朗西部	
	10	23												(347)Western Iran	
1882	10	17–22–16.2	3.41N	128.08E	65		3.7			5.0	3.4	5.0	1.1	76 马鲁古海峡	
	11	01												(266)Molucca Passage	
1883	10	19–09–32.0	35.07N	115.20E	8			3.1					2.6	14 中国东部	
	11	03												(664)Eastern China	

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1884	10	22–32–19.5	43.33N	97.44E	11		3.8					3.0	8	甘肃省	
	11	06												(322)Gansu Province	
1885	10	23–26–13.3	38.46N	99.87E	12		3.4					3.4	8	青海省	
	11	07												(325)Qinghai Province	
1886	10	23–43–58.5	38.44N	99.88E	16		3.2					2.6	6	青海省	
	11	07												(325)Qinghai Province	
1887	11	01–33–33.4	40.71N	122.75E	10		3.6					2.4	15	中国东北部	
	11	09												(658)North–Eastern China	
1888	11	13–42–45.6	26.40N	92.89E	31		3.9		4.2			4.4	2.5	19	印度——孟加拉边境地区
	11	21												(315)India–Bangladesh border region	
1889	11	16–15–50.0	24.16S	177.40W	177			5.7	5.5			5.5	1.3	353	斐济以南地区
	12	00												(171)South of Fiji	
1890	11	16–40–09.9	3.44N	128.08E	161			5.5	5.3			5.3	1.2	156	马鲁古海峡
	12	00												(266)Molucca Passage	
1891	11	17–45–56.9	17.95N	105.58W	8	6.1	5.8		6.2	5.5	5.7	5.5	1.3	166	墨西哥哈利斯科海岸远海
	12	01												(54)Off coast of Jalisco, Mexico	
1892	11	22–17–38.3	21.00S	178.95W	615					5.0		5.0	1.1	60	斐济地区
	12	06												(181)Fiji region	
1893	11	22–34–40.2	24.77N	142.61E	24	5.6	5.7		5.6	5.9	5.8	6.0	1.2	441	硫黄列岛地区
	12	06												(213)Volcano Islands region	
1894	12	01–25–33.8	43.77N	147.92E	31	4.5	4.4		5.6	4.9	4.4	5.0	1.2	108	千岛群岛
	12	09												(221)Kurile Islands	
1895	12	08–53–34.2	31.08S	178.56W	105					5.1		5.2	1.5	37	克马德克群岛地区
	12	16												(177)Kermadec Islands region	
1896	13	00–43–43.3	24.20N	123.58E	57			3.7		4.4		4.4	1.5	31	琉球群岛西南部
	13	08												(246)South–western Ryukyu Islands	
1897	13	02–14–53.5	8.96S	158.34E	29	5.0	5.0		5.5	5.2	5.0	5.2	1.4	113	所罗门群岛
	13	10												(193)Solomon Islands	
1898	13	02–30–42.7	38.22N	76.26E	141								1.2	7	塔吉克——新疆边境地区
	13	10												(719)Tadzhikistan–Xinjiang border region	
1899	13	11–12–12.8	8.41N	126.38E	34	6.5	6.4		6.5	6.0	6.4	6.1	1.4	436	棉兰老岛
	13	19												(259)Mindanao	
1900	13	13–21–47.4	2.93N	76.47W	150					5.1		5.0	1.2	139	哥伦比亚
	13	21												(103)Colombia	
1901	13	17–36–39.5	39.29N	122.67E	10			3.2					1.3	9	中国东北部
	14	01												(658)North–Eastern China	
1902	13	19–20–03.5	33.50N	137.87E	308				5.2	5.4		5.4	0.9	274	本州南海岸近海
	14	03												(230)Near south coast of Honshu	
1903	13	20–27–35.0	3.18N	78.58W	25	5.4	5.0		5.8	5.1	5.1	5.2	1.4	186	巴拿马以南地区
	14	04												(83)South of Panama	
1904	13	21–04–28.6	30.78N	50.09E	33	4.7	4.6		5.5	5.1	4.5	5.1	1.0	172	伊朗西部
	14	05												(347)Western Iran	
1905	13	22–30–17.3	8.73S	158.83E	33					5.1		5.2	0.8	73	所罗门群岛
	14	06												(193)Solomon Islands	
1906	14	04–20–33.7	35.88N	80.78E	26			4.6		4.2		4.2	2.1	26	克什米尔——西藏边境地区
	14	12												(304)Kashmir–Tibet border region	
1907	14	13–52–55.2	8.06S	125.11E	59		3.9			5.1		5.0	1.4	15	帝汶岛
	14	21												(289)Timor	
1908	14	15–13–18.0	42.39N	79.95E	16			3.0					1.1	6	吉尔吉斯——新疆边境地区
	14	23												(320)Kirgiziya–Xinjiang border region	
1909	14	21–03–08.2	14.91S	167.21E	154					4.9		5.0	1.3	96	瓦努阿图(新赫布里底)
	15	05												(186)Vanuatu (New Hebrides)	

1910	15 15	04-34-40.4	38.55N	101.88E	4			3.6				2.3	7	甘肃省 (322)Gansu Province		
1911	15 16	20-33-23.1	44.11N	83.44E	10			3.4				2.1	7	新疆自治区北部 (332)Northern Xinjiang Province		
1912	16 16	00-35-37.8	37.25S	176.81E	287				4.9		5.0	1.1	123	新西兰北岛 (159)North Island, New Zealand		
1913	16 16	01-03-52.6	23.97N	122.82E	31		3.2	3.7	4.3		4.2	1.8	28	台湾地区 (243)Taiwan region		
1914	16 16	11-12-40.1	5.02S	100.74W	10		5.1		5.2		5.3	1.7	72	复活节岛海山北部 (694)Northern Easter I. Cordillera		
1915	16 16	12-32-46.3	37.83N	66.49E	28	4.4	4.1	5.2	4.9		5.0	1.4	96	阿富汗——苏联边境地区 (717)Afghanistan-USSR border region		
1916	16 17	17-48-36.1	41.65N	81.56E	20			3.3				3.0	10	新疆自治区南部 (321)Southern Xinjiang Province		
1917	16 17	18-21-41.5	36.29N	81.14E	17			4.5	4.4			2.4	13	克什米尔——西藏边境地区 (304)Kashmir-Tibet border region		
1918	17 17	03-40-06.2	23.21N	98.09E	33			3.1				2.7	6	缅甸 (296)Burma		
1919	17 17	07-46-06.8	40.03N	142.73E	45	4.4	4.3		5.0	5.1	5.2	1.4	179	本州东海岸近海 (228)Near east coast of Honshu		
1920	17 17	10-42-16.0	14.51S	167.23E	217				5.2	5.2	5.3	1.2	226	瓦努阿图(新赫布里底) (186)Vanuatu (New Hebrides)		
1921	17 18	20-21-49.7	22.92N	99.63E	33	4.2		4.0		4.2		2.1	10	缅甸——中国边境地区 (297)Burma-China border region		
1922	17 18	20-46-37.4	4.91S	100.73W	2					5.3	5.4	1.6	55	复活节岛海山北部 (694)Northern Easter I. Cordillera		
1923	18 18	08-56-05.8	37.90N	142.71E	22	4.3	4.5			4.9	4.7	5.0	1.5	117	本州东海岸远海 (229)Off east coast of Honshu	
1924	18 18	11-06-42.4	3.51N	126.56E	26	4.9	4.7		4.9	5.0	4.7	5.0	1.5	120	塔劳群岛 (263)Talaud Islands	
1925	18 18	11-36-05.8	24.17S	176.14W	64					5.2		5.2	1.2	52	斐济以南地区 (171)South of Fiji	
1926	19 19	01-04-17.0	32.44N	93.66E	33	4.1	4.1	3.8		4.5		4.9	2.3	41	西藏自治区 (306)Tibet	
1927	19 19	05-34-35.3	1.48S	134.27E	24	4.4	4.2			5.2		5.2	2.4	68	西伊里安地区 (196)West Irian region	
1928	19 19	11-56-38.0	8.49N	39.52W	10		4.5			5.0	4.5	5.1	0.9	84	北大西洋 (402)North Atlantic Ocean	
1929	19 19	13-29-20.9	56.06S	123.44W	10	5.8	5.7		5.8	5.1	5.6	5.2	1.4	45	复活节岛海山 (684)Easter Island Cordillera	
1930	19 20	17-49-39.1	43.49N	147.70E	33	4.3	4.2			4.9		5.1	1.2	136	北海道海岸远海 (225)Off coast of Hokkaido	
1931	19 20	22-28-50.7	4.61N	77.40W	21	7.6	7.1		6.8	6.3	7.0	6.4	1.5	465	哥伦比亚西海岸近海 (102)Near west coast of Colombia	
1932	20 20	03-19-15.7	23.82N	121.71E	7	3.9		4.0		4.3		4.0	1.4	26	台湾岛 (244)Taiwan	
1933	20 20	09-23-09.1	36.48S	178.36E	81	5.7	5.7		5.8	5.8		6.0	1.3	295	新西兰北岛东海岸远海 (160)Off east coast of North Island, N.Z	
1934	20 20	09-42-28.2	30.60S	177.85W	71		5.6			5.5		5.5	1.6	76	克马德克群岛地区 (177)Kermadec Islands region	
1935	21 21	04-07-19.2	26.65N	96.40E	85	4.0	3.9			4.9		4.9	1.3	124	缅甸——印度边境地区 (294)Burma-India border region	

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1936	21 21	12-38-28.2	5.85N	126.87E	74	5.6	5.5		6.2	5.9		6.0	1.4	347	棉兰老岛 (259)Mindanao
1937	21 21	12-51-57.1	6.81S	131.22E	126					5.2		5.1	0.9	18	塔宁巴尔群岛地区 (281)Tanimbar Islands region
1938	21 21	13-37-39.6	33.82N	90.35E	22	4.6	4.3		5.0	4.4		4.3	1.8	30	西藏自治区 (306)Tibet
1939	21 22	16-53-11.0	23.97N	119.55E	17	3.5	3.3	3.9					2.4	14	台湾地区 (243)Taiwan region
1940	21 22	23-03-13.7	48.78N	28.06W	10	5.5	5.3		5.7	5.1	5.3	5.2	1.0	208	北大西洋海岭 (403)North Atlantic Ridge
1941	22 23	18-35-52.8	22.35S	174.23E	33	5.1	4.9		5.4	5.0	5.1	5.1	1.6	114	洛亚尔提群岛地区 (189)Loyalty Islands region
1942	23 24	20-00-41.5	26.63S	114.93W	9	5.8	5.6			5.1	5.4	5.2	1.7	106	复活节岛海山 (684)Easter Island Cordillera
1943	23 24	22-52-03.5	0.38S	98.08E	23	5.2	5.1		5.6	5.3	4.6	5.2	1.1	149	苏门答腊西南以远地区 (273)South-west of Sumatera
1944	24 24	07-35-25.3	34.00N	88.83E	31	3.9	3.9			4.3		4.7	1.7	16	西藏自治区 (306)Tibet
1945	24 24	11-30-15.0	28.44S	176.11W	35		4.9			5.0	4.9	5.1	1.2	105	克马德克群岛地区 (177)Kermadec Islands region
1946	24 25	22-19-22.6	49.75N	118.17E	10			3.8					3.8	10	俄罗斯东部——中国东北边境地区 (657)E. Russia-N.E. China border region
1947	25 25	10-08-38.3	34.02N	88.86E	32	4.1	3.8			4.2		4.4	1.8	20	西藏自治区 (306)Tibet
1948	25 25	10-29-06.1	23.02N	121.79E	20	4.1	4.1	4.3		4.4		4.2	2.2	50	台湾地区 (243)Taiwan region
1949	25 25	14-15-44.5	8.73S	74.41W	147					5.3		5.3	1.2	176	秘鲁 (116)Peru
1950	26 26	10-41-28.8	51.74N	176.24W	19	5.9	5.6		6.2	5.8	5.6	5.8	1.5	520	安德烈亚诺夫群岛 (7)Andreanof Islands
1951	26 26	13-47-36.8	8.84S	113.76E	106					5.2		5.1	1.3	55	爪哇以南地区 (282)South of Java
1952	26 26	15-31-13.3	34.01N	88.83E	33	3.9	4.0			4.0		4.1	1.6	19	西藏自治区 (306)Tibet
1953	26 27	19-40-47.7	42.09N	142.51E	56	6.1	6.1		6.4	6.0		6.1	1.2	571	北海道地区 (224)Hokkaido region
1954	26 27	21-15-59.8	34.09N	94.14E	33	4.5	4.2	4.4		4.5		4.3	2.5	59	青海省 (325)Qinghai Province
1955	27 27	05-03-30.3	48.30N	154.77E	27	5.6	5.5		5.8	5.8	5.5	5.9	0.9	481	千岛群岛 (221)Kurile Islands
1956	27 27	06-58-42.3	17.75S	115.95W	6					4.8		5.0	1.6	77	复活节岛海山 (684)Easter Island Cordillera
1957	27 27	11-45-18.7	4.71N	77.53W	40		4.3			5.0	4.3	5.1	1.3	154	巴拿马以南地区 (83)South of Panama
1958	27 27	11-54-13.4	27.11S	177.52W	188					5.1		5.0	1.0	45	克马德克群岛地区 (177)Kermadec Islands region
1959	27 28	17-18-22.0	35.83N	81.05E	13			4.1					2.6	9	克什米尔——西藏边境地区 (304)Kashmir-Tibet border region
1960	27 28	22-25-14.3	46.55N	152.71E	54		4.2			4.9		5.0	1.1	153	千岛群岛 (221)Kurile Islands
1961	28 28	02-03-57.9	3.06N	128.39E	48		4.2			5.0		5.0	1.3	73	马鲁古海峡 (266)Molucca Passage

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1962	28	17-19-54.9	36.96N	49.60E	15	5.3	5.0		5.8	5.5	5.0	5.6	1.1	391	伊朗西部
	29	01													(347)Western Iran
1963	29	14-58-47.7	25.98N	98.71E	6			3.3					2.6	8	缅甸——中国边境地区
	29	22													(297)Burma-China border region
1964	29	23-20-16.7	40.21N	97.83E	6	3.6		4.4		4.5			2.6	19	甘肃省
	30	07													(322)Gansu Province
1965	29	23-35-05.7	44.48S	167.87E	8		4.9			5.0	4.9	5.2	1.5	56	新西兰南岛
	30	07													(162)South Island, New Zealand
1966	30	00-43-13.6	39.87N	116.15E	14			3.2					2.1	15	中国东北部
	30	08													(658)North-Eastern China
1967	30	02-23-18.6	4.16S	129.29E	34		4.1			5.1		5.3	1.3	89	班达海
	30	10													(280)Banda Sea
1968	30	14-11-00.7	10.74S	74.37W	30					4.8		5.0	1.6	55	秘鲁
	30	22													(116)Peru
1969	30	15-00-34.8	29.05N	94.92E	15			3.9		4.5			2.4	17	印度——中国边境地区
	30	23													(313)India-China border region

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1970	1	01-47-55.0	30.80N	103.77E	16			3.4		3.9			2.7	10	四川省
	1	09													(307)Sichuan Province
1971	1	13-13-22.7	22.37S	179.52W	580					5.0		5.0	0.9	71	斐济以南地区
	1	21													(171)South of Fiji
1972	1	22-41-13.8	32.05S	69.47W	103					5.3		5.2	1.1	127	阿根廷门多萨省
	2	06													(139)Mendoza Province, Argentina
1973	2	06-14-12.6	23.19N	121.76E	33	4.7	4.5	4.8	5.4	4.9	4.4	4.9	1.5	131	台湾地区
	2	14													(243)Taiwan region
1974	2	08-49-39.7	45.52N	21.14E	9	5.7	5.6		5.5	5.1	5.6	5.2	1.2	310	南斯拉夫
	2	16													(383)Yugoslavia
1975	2	10-48-52.5	25.06N	101.44E	17			3.1					2.1	11	云南省
	2	18													(318)Yunnan Province
1976	2	11-20-54.8	6.12S	149.85E	59	5.1	4.9			5.2		5.2	1.6	129	新不列颠地区
	2	19													(192)New Britain region
1977	2	12-25-31.8	21.47N	111.77E	16			3.8					3.6	7	中国东部
	2	20													(664)Eastern China
1978	2	13-14-06.3	16.35S	172.31W	30		5.0			4.6	5.0	4.8	1.7	34	萨摩亚地区
	2	21													(169)Samoa region
1979	2	17-27-21.4	15.68S	69.21W	232				6.4	5.0		5.1	1.5	239	秘鲁——玻利维亚边境地区
	3	01													(118)Peru-Bolivia border region
1980	2	17-49-40.5	38.97N	97.88E	8	3.9		3.9					2.4	15	青海省
	3	01													(325)Qinghai Province
1981	2	19-45-37.0	32.04N	94.59E	46	4.1	4.1	4.2		4.3		4.4	1.9	38	西藏自治区
	3	03													(306)Tibet
1982	3	01-14-17.3	38.57N	116.01E	11			3.0					3.0	10	中国东北部
	3	09													(658)North-Eastern China
1983	3	10-33-39.7	26.44S	178.73E	563				6.1	5.9		6.0	1.1	404	斐济以南地区
	3	18													(171)South of Fiji
1984	3	15-46-12.3	6.29S	104.12E	54		4.5			5.1	4.5	5.1	1.0	107	苏门答腊西南以远地区
	3	23													(273)South-west of Sumatera
1985	4	02-47-30.6	15.25S	174.22W	35		5.1			5.0	5.4	4.9	1.4	69	汤加
	4	10													(173)Tonga
1986	4	03-10-27.6	33.19N	103.75E	16			3.5					2.4	14	四川省
	4	11													(307)Sichuan Province

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1987	4	06–42–58.5	1.13S	129.05E	33	4.9	4.8			4.9	4.7	5.0	1.0	86	查伊洛洛贾洛洛(哈马黑拉)岛	
	4	14													(267)Djailolo Gilolo (Halmahera)	
1988	5	09–15–27.2	41.21S	80.40E	10	5.9	5.8		5.9	5.2	5.8	5.3	1.4	117	中印度洋海丘	
	5	17													(429)Mid–Indian Rise	
1989	5	15–48–20.9	22.65N	121.40E	18	4.6	4.5	4.6		4.7	4.7	4.6	1.6	113	台湾岛	
	5	23													(244)Taiwan	
1990	5	17–51–15.5	2.40S	140.04E	33	4.7	4.6		5.8	5.2		5.3	1.2	144	西伊里安北海岸近海	
	6	01													(197)Near north coast of West Irian	
1991	5	19–57–09.2	12.54N	144.42E	34	4.8	4.7			5.0	4.7	5.1	1.3	135	马里亚纳群岛以南地区	
	6	03													(210)South of the Marianas	
1992	5	20–21–55.0	36.14N	31.82E	116					5.2		5.2	1.1	353	塞浦路斯	
	6	04													(372)Cyprus	
1993	6	15–27–03.2	38.19N	87.43E	18			3.3				3.7		6	新疆自治区南部	
	6	23													(321)Southern Xinjiang Province	
1994	7	11–42–27.7	61.00N	150.46W	69	5.5	4.8			5.1		5.2	1.2	249	基奈半岛	
	7	19													(14)Kenai Peninsula	
1995	7	11–48–40.8	37.09N	95.74E	23			3.7				4.0		7	青海省	
	7	19													(325)Qinghai Province	
1996	7	11–59–00.0	45.55N	151.34E	48	5.8	5.9		6.0	5.6	5.9	5.7	1.1	359	千岛群岛	
	7	19													(221)Kurile Islands	
1997	7	13–47–29.0	1.84N	126.50E	67	5.3	5.0			4.9		5.0	1.3	38	马鲁古海峡	
	7	21													(266)Molucca Passage	
1998	7	13–57–40.3	24.06N	93.85E	71	4.7	4.5		5.6	5.1		5.1	1.3	220	缅甸——印度边境地区	
	7	21													(294)Burma–India border region	
1999	7	14–22–31.7	25.22N	62.96E	28	5.2	5.0		5.3	5.1	5.0	5.2	1.1	226	巴基斯坦海岸近海	
	7	22													(356)Near coast of Pakistan	
2000	7	16–03–16.4	45.45N	151.56E	25	4.9	4.9		5.4	4.9	4.6	5.0	1.2	133	千岛群岛地区	
	8	00													(222)Kurile Islands region	
2001	7	16–34–54.2	45.50N	151.50E	44	5.2	5.0		5.7	5.5	5.0	5.6	0.9	326	千岛群岛	
	8	00													(221)Kurile Islands	
2002	7	19–21–23.6	37.44S	51.27E	10		5.0			5.0	4.7	5.1	1.4	56	大西洋——印度洋海岭	
	8	03													(428)Atlantic–Indian Ridge	
2003	7	23–56–12.9	43.25N	82.75E	31			3.9				2.4		10	新疆自治区北部	
	8	07													(332)Northern Xinjiang Province	
2004	8	06–34–09.0	45.43N	151.54E	31	4.6	4.5		5.5	5.2	4.4	5.2	1.0	206	千岛群岛地区	
	8	14													(222)Kurile Islands region	
2005	8	08–09–58.3	23.63N	114.73E	10			3.0				1.3		5	中国东南沿海	
	8	16													(242)Near south–eastern coast of China	
2006	8	11–18–00.7	47.05N	85.27E	34			3.8				4.4		6	哈萨克——新疆边境地区	
	8	19													(331)Kazakhstan–Xinjiang border region	
2007	8	14–09–53.7	45.54N	151.48E	39	5.3	5.2		5.3	5.4	5.1	5.4	1.1	292	千岛群岛	
	8	22													(221)Kurile Islands	
2008	8	22–23–31.0	24.00N	122.48E	18	4.5	4.4	4.5		4.6	4.2	4.6	1.6	96	台湾岛	
	9	06													(244)Taiwan	
2009	8	23–34–32.2	45.55N	151.49E	28	4.8	4.7		5.5	4.9	4.6	5.1	0.9	140	千岛群岛	
	9	07													(221)Kurile Islands	
2010	9	01–02–46.5	29.57N	81.61E	32	4.9	4.6	5.2	5.3	5.5	4.6	5.6	1.1	359	尼泊尔	
	9	09													(310)Nepal	
2011	9	05–56–00.6	33.51N	93.93E	14	4.2	4.1	5.0		4.8		3.2		21	青海省	
	9	13													(325)Qinghai Province	
2012	9	06–57–34.5	3.75S	151.41E	10	5.0	4.9			5.1	4.8	5.3	1.3	85	新不列颠地区	
	9	14													(192)New Britain region	

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2013	9	09-23-04.2	37.24N	24.36W	9	5.4	4.7			5.2	4.7	5.3	1.0	236	亚速尔群岛地区
	9	17													(404)Azores region
2014	9	14-35-24.3	23.83N	122.56E	23			3.6		4.1			1.5	13	台湾地区
	9	22													(243)Taiwan region
2015	9	23-39-14.2	0.23N	125.87E	74	4.6	4.3			4.9		5.0	1.1	73	马鲁古海
	10	07													(269)Molucca Sea
2016	10	00-31-41.0	4.70S	153.10E	25	5.1	4.9		5.5	5.0	4.9	5.1	2.0	73	新不列颠地区
	10	08													(192)New Britain region
2017	10	07-30-15.6	24.06N	122.51E	19	4.5	4.4	4.5	4.6	4.5		4.5	1.7	60	台湾地区
	10	15													(243)Taiwan region
2018	10	07-43-19.5	24.01N	122.52E	10	4.3	4.2	4.3		4.5		4.5	1.7	45	台湾地区
	10	15													(243)Taiwan region
2019	10	07-51-10.3	23.90N	122.67E	29		3.4	3.8		4.5			1.9	9	台湾地区
	10	15													(243)Taiwan region
2020	10	08-12-27.0	24.05N	122.42E	5		3.4	3.6		3.9		3.8	1.7	20	台湾岛
	10	16													(244)Taiwan
2021	10	08-30-55.4	38.71N	144.38E	33					4.6		5.1	1.4	32	本州东海岸远海
	10	16													(229)Off east coast of Honshu
2022	10	15-35-40.8	17.70S	116.06W	6					5.0		5.1	1.6	60	复活节岛海山
	10	23													(684)Easter Island Cordillera
2023	10	23-19-57.3	4.80N	77.47W	28		4.5			5.1	4.5	5.2	1.4	148	哥伦比亚西海岸近海
	11	07													(102)Near west coast of Colombia
2024	11	01-09-29.4	35.71N	79.95E	9			3.8					3.0	9	克什米尔——西藏边境地区
	11	09													(304)Kashmir-Tibet border region
2025	11	06-29-41.4	22.64S	175.09W	42	5.5	5.3		6.1	5.6	5.4	5.7	1.4	162	汤加地区
	11	14													(174)Tonga region
2026	11	17-03-10.2	17.74S	116.05W	17	6.4	6.1		6.1	5.7	6.1	5.9	1.2	338	复活节岛海山
	12	01													(684)Easter Island Cordillera
2027	11	17-58-05.9	17.81S	116.13W	13	5.7	6.0			5.0		5.2	2.1	39	复活节岛海山
	12	01													(684)Easter Island Cordillera
2028	11	20-39-37.8	23.30S	171.07E	27	6.4	6.4		6.4	5.7	6.5	5.8	1.5	432	洛亚尔提群岛地区
	12	04													(189)Loyalty Islands region
2029	12	06-13-01.3	18.13S	168.02E	34	5.3	5.0		5.6	5.1	5.0	5.0	1.5	72	瓦努阿图(新赫布里底)
	12	14													(186)Vanuatu (New Hebrides)
2030	12	11-50-27.0	39.12N	111.70E	19			3.1					2.4	7	中国东北部
	12	19													(658)North-Eastern China
2031	12	15-41-33.5	4.78S	152.50E	69	5.1	4.9		5.5	5.3		5.4	1.2	219	新不列颠地区
	12	23													(192)New Britain region
2032	12	15-44-46.2	33.32N	93.92E	21			4.1					4.0	6	西藏自治区
	12	23													(306)Tibet
2033	12	18-54-57.4	34.66N	79.60E	29	4.2	3.7	4.2		4.4			1.5	45	克什米尔——西藏边境地区
	13	02													(304)Kashmir-Tibet border region
2034	13	00-12-56.4	7.21S	128.68E	156				5.7	5.6		5.6	1.2	312	班达海
	13	08													(280)Banda Sea
2035	13	02-33-51.0	45.64N	151.50E	29	6.3	6.4		6.5	6.0	6.6	6.1	1.1	535	千岛群岛
	13	10													(221)Kurile Islands
2036	13	02-51-04.3	45.55N	151.78E	32					4.8	5.2	5.0	0.9	111	千岛群岛
	13	10													(221)Kurile Islands
2037	13	03-24-37.7	45.49N	151.62E	47	5.6	5.5		5.8	4.9	5.5	5.0	1.1	153	千岛群岛地区
	13	11													(222)Kurile Islands region
2038	13	03-47-13.5	45.38N	151.64E	43	5.1	5.1			4.8	5.1	4.9	1.3	123	千岛群岛地区
	13	11													(222)Kurile Islands region

2039	13 13	05–45–28.2	45.65N	151.50E	25	5.8	5.7	5.7	5.9	5.7	6.0	0.9	497	千岛群岛 (221)Kurile Islands
2040	13 13	08–00–09.7	45.58N	151.70E	43	5.3	5.2	5.7	5.4	5.2	5.5	1.0	273	千岛群岛 (221)Kurile Islands
2041	13 13	08–08–01.6	45.42N	151.76E	39	4.8	4.8	5.5	5.0		5.1	1.1	129	千岛群岛地区 (222)Kurile Islands region
2042	13 13	10–32–04.2	7.54N	124.93E	31	4.9	4.6	5.5	4.9	4.6	5.1	1.4	118	棉兰老岛 (259)Mindanao
2043	13 13	13–37–29.3	21.55S	170.52E	161				5.0		5.0	1.2	108	洛亚尔提群岛地区 (189)Loyalty Islands region
2044	13 13	14–41–32.0	45.67N	151.73E	33		4.0		4.9		5.0	1.0	42	千岛群岛 (221)Kurile Islands
2045	13 13	15–33–22.5	45.43N	151.82E	37	4.6	4.5	5.3	5.0	4.4	5.0	1.4	115	千岛群岛地区 (222)Kurile Islands region
2046	13 13	15–44–52.0	45.13N	151.50E	44	4.8	4.7	5.6	5.1	4.5	5.2	1.1	181	千岛群岛地区 (222)Kurile Islands region
2047	13 14	17–00–06.1	45.31N	151.85E	53		4.3		4.9		5.0	1.4	127	千岛群岛地区 (222)Kurile Islands region
2048	13 14	18–28–45.4	45.36N	151.73E	32	4.5	4.3		4.9		5.0	1.2	105	千岛群岛地区 (222)Kurile Islands region
2049	13 14	18–55–51.6	9.87N	126.28E	83	6.3	6.5	6.7	5.1		5.1	1.3	78	棉兰老岛 (259)Mindanao
2050	13 14	18–59–09.3	45.58N	151.62E	46	6.6	6.4	6.6	6.0	6.4	6.1	1.0	556	千岛群岛 (221)Kurile Islands
2051	13 14	19–21–25.8	45.39N	151.56E	42	6.0	5.7		5.3	5.5	5.4	1.0	242	千岛群岛地区 (222)Kurile Islands region
2052	13 14	19–41–12.7	45.52N	151.63E	40	5.9	5.5		5.0	5.5	5.1	1.0	114	千岛群岛 (221)Kurile Islands
2053	13 14	19–55–08.8	45.52N	151.22E	48	6.5	6.3	6.4	5.8	6.3	5.9	1.0	501	千岛群岛 (221)Kurile Islands
2054	13 14	19–58–20.9	45.50N	151.38E	44	6.4	6.3	6.4	6.1	6.4	6.1	1.0	301	千岛群岛 (221)Kurile Islands
2055	13 14	20–39–41.4	45.19N	151.51E	41	5.7	5.4		4.9	5.4	5.0	1.1	151	千岛群岛地区 (222)Kurile Islands region
2056	13 14	20–40–26.0	46.21N	151.12E	30				5.0		5.0	0.7	44	千岛群岛 (221)Kurile Islands
2057	13 14	21–06–10.9	45.36N	151.50E	46	5.2	5.2		5.0		5.1	1.0	115	千岛群岛地区 (222)Kurile Islands region
2058	13 14	21–37–29.7	47.74N	130.65E	13			4.1	4.6			1.7	16	俄罗斯东部——中国东北边境地区 (657)E. Russia–N.E. China border region
2059	13 14	22–12–42.8	12.52N	142.01E	41	4.6	4.8		5.1	4.7	5.3	1.2	121	马里亚纳群岛以南地区 (210)South of the Marianas
2060	13 14	22–45–17.6	45.19N	151.42E	52	4.5	4.4		4.9	4.4	5.0	1.3	134	千岛群岛地区 (222)Kurile Islands region
2061	14 14	00–07–56.9	23.09S	66.53W	211				4.9		5.0	1.3	108	智利——阿根廷边境地区 (127)Chile–Argentina border region
2062	14 14	00–14–40.4	45.57N	151.61E	33	4.9	4.8	5.2	5.0	4.7	5.1	1.0	168	千岛群岛 (221)Kurile Islands
2063	14 14	01–56–51.4	45.53N	151.62E	31	4.4	4.3		4.9	4.3	5.0	1.1	108	千岛群岛 (221)Kurile Islands
2064	14 14	08–20–22.3	33.93N	88.88E	28	4.9	4.7	5.3	4.9	4.6	5.1	1.9	93	西藏自治区 (306)Tibet

2065	14 14	14–12–01.0	23.93N	123.03E	19		3.4	3.6		4.0		3.8	2.8	15	台湾地区 (243)Taiwan region
2066	14 15	18–49–48.3	1.64N	127.19E	129				5.3	5.3		5.3	1.0	138	马鲁古海峡 (266)Molucca Passage
2067	15 15	04–03–04.1	24.44N	122.56E	18			3.8		4.2			2.3	17	台湾地区 (243)Taiwan region
2068	15 15	06–36–38.2	30.35S	177.91W	59	5.5	5.4		5.9	5.4		5.6	1.4	213	克马德克群岛 (178)Kermadec Islands
2069	15 15	10–16–59.3	45.21N	151.32E	45	5.4	5.3		5.8	5.6	5.3	5.7	1.1	363	千岛群岛地区 (222)Kurile Islands region
2070	15 15	13–02–53.8	24.01N	123.55E	67		3.3	3.7		4.3		4.3	1.2	37	琉球群岛西南部 (246)South–western Ryukyu Islands
2071	15 15	15–59–30.5	30.02N	94.02E	19	4.1	3.8	4.1		4.6			2.1	40	西藏自治区 (306)Tibet
2072	15 16	17–42–09.3	11.96N	142.73E	19		4.1			4.9		5.0	1.5	54	马里亚纳群岛以南地区 (210)South of the Marianas
2073	15 16	18–56–05.5	17.47S	70.37W	104				5.8	5.6		5.6	1.4	333	秘鲁海岸近海 (115)Near coast of Peru
2074	15 16	21–47–00.5	45.39N	151.98E	50	4.9	4.8		5.6	5.0	4.7	5.1	1.2	232	千岛群岛地区 (222)Kurile Islands region
2075	16 16	04–47–42.4	53.13N	159.57E	38	4.9	4.8		5.3	5.1	4.8	5.2	1.1	261	堪察加东海岸远海 (219)Off east coast of Kamchatka
2076	16 17	22–11–50.7	30.41S	177.53W	43		4.9			5.1		5.1	1.8	54	克马德克群岛 (178)Kermadec Islands
2077	16 17	22–16–33.1	12.77N	141.87E	17		4.3			4.9		5.1	1.2	70	马里亚纳群岛以南地区 (210)South of the Marianas
2078	17 17	01–33–35.0	24.32N	122.37E	19	3.7	3.3	3.8		4.4			1.7	20	台湾岛 (244)Taiwan
2079	17 17	01–50–18.9	3.63S	101.95E	74	4.8	4.5		5.2	5.6		5.6	1.3	294	苏门答腊南部 (274)Southern Sumatera
2080	17 17	03–41–07.4	62.58S	155.04E	10	6.2	6.0			5.2	6.1	5.2	1.6	77	巴勒尼群岛地区 (702)Balleny Islands region
2081	17 17	04–23–03.0	43.26N	145.58E	57	5.1	5.3			5.2		5.2	1.0	293	北海道地区 (224)Hokkaido region
2082	17 17	06–38–17.4	47.46N	151.49E	166				5.9	5.8		5.8	1.0	566	千岛群岛 (221)Kurile Islands
2083	17 17	11–09–48.5	45.53N	151.92E	38	4.7	4.6		5.0	4.9	4.6	5.0	1.3	135	千岛群岛 (221)Kurile Islands
2084	17 18	20–27–49.8	33.94N	88.97E	44	4.0	4.0			4.5		4.6	1.8	45	西藏自治区 (306)Tibet
2085	17 18	23–49–54.1	44.42N	83.79E	18	4.4	4.3	5.1		4.8	4.2	4.9	1.5	88	新疆自治区北部 (332)Northern Xinjiang Province
2086	18 18	09–01–31.2	37.53N	112.54E	11			3.0					2.4	9	中国东北部 (658)North–Eastern China
2087	18 18	10–01–08.6	45.43N	151.47E	31	4.4	4.3			5.0		5.1	1.1	132	千岛群岛地区 (222)Kurile Islands region
2088	18 18	13–44–03.2	41.33N	87.77E	25	3.8	4.0	4.5		4.3		4.4	2.3	32	新疆自治区南部 (321)Southern Xinjiang Province
2089	18 19	21–43–48.4	9.30N	124.15E	522				5.6	5.3		5.3	1.1	167	棉兰老岛 (259)Mindanao
2090	19 19	01–33–39.6	45.33N	151.13E	27	6.9	6.6		6.7	6.0	6.6	6.0	1.0	563	千岛群岛地区 (222)Kurile Islands region

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2091	19 19 09	01-37-32.3	45.44N	150.98E	36	6.6	6.4			5.7		5.8	0.8	92	千岛群岛地区 (222)Kurile Islands region
2092	19 19 12	04-41-38.4	48.97N	128.76W	23		5.4			5.0	5.6	5.0	1.2	163	温哥华岛地区 (25)Vancouver Island region
2093	19 19 12	04-44-06.9	48.94N	128.80W	1f		5.5			5.3	5.6	5.3	1.3	141	温哥华岛地区 (25)Vancouver Island region
2094	19 19 12	04-46-51.5	45.40N	151.46E	41	5.3	4.9		5.8	5.1	5.3	5.2	1.1	115	千岛群岛地区 (222)Kurile Islands region
2095	19 19 18	10-26-49.6	45.38N	150.93E	39	4.7	4.6		5.5	5.3		5.4	1.0	202	千岛群岛地区 (222)Kurile Islands region
2096	19 19 20	12-35-07.5	32.01S	178.86W	97					5.3		5.4	1.4	81	克马德克群岛以南地区 (179)South of Kermadec Islands
2097	19 19 22	14-27-30.2	45.41N	150.99E	32	4.7	4.6			5.1	4.6	5.2	1.0	128	千岛群岛地区 (222)Kurile Islands region
2098	19 20 02	18-55-18.0	28.13N	57.28E	33	5.0	4.8		5.7	5.3	4.8	5.3	1.2	296	伊朗南部 (353)Southern Iran
2099	19 20 05	21-01-20.7	23.97S	179.92E	526					5.0		5.0	1.1	129	斐济以南地区 (171)South of Fiji
2100	20 20 10	02-06-04.7	24.75N	93.10E	39	5.1	4.8	5.1	5.6	5.4	4.8	5.3	1.3	260	印度——孟加拉边境地区 (315)India-Bangladesh border region
2101	20 20 16	08-35-36.7	45.24N	151.16E	48	5.7	5.6		5.9	5.8	5.6	5.8	1.0	391	千岛群岛地区 (222)Kurile Islands region
2102	20 21 02	18-10-44.6	9.82N	83.58W	31					5.1		5.1	1.5	52	哥斯达黎加 (78)Costa Rica
2103	21 21 09	01-32-22.7	42.32N	105.59E	35			3.2		4.2			3.3	8	中国北部 (323)Northern China
2104	21 22 00	16-46-07.4	4.95S	151.55E	135					5.0		5.1	1.0	103	新不列颠地区 (192)New Britain region
2105	21 22 03	19-41-08.0	22.81N	143.97E	61	4.7	4.6		5.4	5.3		5.3	1.1	205	硫黄列岛地区 (213)Volcano Islands region
2106	21 22 03	19-52-44.8	27.91N	88.10E	55	4.4	4.1	3.8		5.0	4.2	4.9	1.5	96	尼泊尔 (310)Nepal
2107	21 22 06	22-02-10.0	8.31N	82.77W	24		4.7			5.1	4.5	5.1	1.2	99	哥斯达黎加海岸远海 (77)Off coast of Costa Rica
2108	21 22 06	22-09-23.1	23.96N	121.47E	23	3.7		3.9		4.5		4.0	2.2	24	台湾岛 (244)Taiwan
2109	22 22 16	08-43-12.4	45.58N	151.01E	24	7.2	7.3		6.9	6.1	7.4	6.3	1.0	590	千岛群岛 (221)Kurile Islands
2110	22 22 16	08-47-48.8	46.63N	151.20E	38					5.8		5.8	0.9	43	千岛群岛 (221)Kurile Islands
2111	22 22 16	08-54-43.6	45.61N	152.09E	38	6.3				5.5		5.5	1.2	133	千岛群岛 (221)Kurile Islands
2112	22 22 17	09-26-54.6	45.38N	151.98E	35					4.9		5.0	1.3	91	千岛群岛地区 (222)Kurile Islands region
2113	22 22 17	09-51-49.3	45.83N	151.96E	44					5.2		5.3	1.1	149	千岛群岛 (221)Kurile Islands
2114	22 22 17	09-59-26.0	45.04N	151.36E	32					5.0		5.2	1.2	110	千岛群岛地区 (222)Kurile Islands region
2115	22 22 18	10-20-51.9	45.62N	151.59E	31	6.6				5.1		5.2	1.1	149	千岛群岛 (221)Kurile Islands
2116	22 22 19	11-51-10.2	45.47N	151.84E	29					5.0		5.1	1.1	123	千岛群岛地区 (222)Kurile Islands region

2117	22 22	15–04–22.2	45.03N	151.50E	33		4.3			4.9	4.4	5.0	1.4	77	千岛群岛地区 (222)Kurile Islands region
2118	22 23	17–07–13.1	45.08N	151.12E	35	4.8	4.6		5.5	5.1	4.6	5.2	1.1	163	千岛群岛地区 (222)Kurile Islands region
2119	22 23	19–34–33.1	26.61N	102.89E	16			3.3					2.7	12	四川省 (307)Sichuan Province
2120	22 23	20–43–07.5	45.35N	151.80E	33	4.6	4.4			4.9	4.3	5.0	1.3	136	千岛群岛地区 (222)Kurile Islands region
2121	22 23	21–15–42.1	4.86S	103.16E	57	5.0	4.8		5.7	5.8		5.8	1.2	345	苏门答腊南部 (274)Southern Sumatera
2122	22 23	21–55–36.7	56.37N	156.10W	32	4.9	4.5			5.0	4.5	5.0	1.3	233	阿拉斯加以南地区 (17)South of Alaska
2123	23 23	00–16–59.6	45.68N	151.68E	45	5.1	5.0		5.5	5.2	4.9	5.3	1.0	243	千岛群岛 (221)Kurile Islands
2124	23 23	01–58–24.4	33.95N	88.93E	32	4.9	4.7		5.4	5.1	4.6	5.2	1.6	122	西藏自治区 (306)Tibet
2125	23 23	02–14–54.1	33.99N	88.95E	33	4.5	4.4			4.8		5.0	1.5	73	西藏自治区 (306)Tibet
2126	23 23	02–43–53.1	45.15N	151.63E	33	4.4	4.2			5.1	4.2	5.1	1.2	114	千岛群岛地区 (222)Kurile Islands region
2127	23 23	13–10–04.1	45.94N	151.95E	23	5.3	5.3		5.4	5.8	5.3	6.0	0.9	457	千岛群岛 (221)Kurile Islands
2128	23 24	19–42–06.3	7.01S	129.37E	76					5.0		5.2	1.3	45	班达海 (280)Banda Sea
2129	23 24	19–57–32.6	3.35S	127.39E	14		4.4			5.1		5.2	1.3	79	布鲁岛 (271)Buru
2130	24 24	02–51–40.1	23.05N	120.69E	15	4.5	4.3	4.7		4.3		4.3	1.8	61	台湾岛 (244)Taiwan
2131	24 24	03–38–17.8	5.69S	110.21E	532					5.0		5.1	1.3	182	爪哇岛 (277)Java
2132	24 24	10–47–14.5	9.52S	118.05E	74		4.3			5.3		5.2	1.4	112	松巴哇以南地区 (291)South of Sumbawa
2133	24 25	21–27–50.1	29.96N	92.47E	10	4.1	3.8	4.3		4.5			2.1	50	西藏自治区 (306)Tibet
2134	25 26	16–01–34.2	33.79N	121.96E	16	3.7	3.7	3.4					2.4	12	黄海 (665)Yellow Sea
2135	25 26	19–23–23.5	45.74N	151.70E	35	5.1	5.2		5.3	5.3	5.2	5.4	0.9	291	千岛群岛 (221)Kurile Islands
2136	25 26	20–33–46.2	38.70N	104.67E	12			3.3					2.3	12	中国北部 (323)Northern China
2137	26 26	02–23–15.8	26.04N	99.98E	7	3.9	3.7	3.8					3.3	17	云南省 (318)Yunnan Province
2138	26 26	11–35–55.1	54.44N	162.35E	28	5.5	5.2		5.3	5.3	5.1	5.5	1.2	327	堪察加东海岸远海 (219)Off east coast of Kamchatka
2139	26 26	12–10–06.2	7.31S	125.97E	22	4.7	4.9			5.0	4.5	5.0	1.2	54	班达海 (280)Banda Sea
2140	26 26	12–34–40.8	8.05N	126.67E	78	4.5	4.5			5.2		5.1	1.5	122	棉兰老岛 (259)Mindanao
2141	26 26	13–24–16.9	30.97N	99.62E	18	4.3	4.3	4.4		4.2			2.4	26	四川省 (307)Sichuan Province
2142	27 27	02–32–41.7	19.22S	176.34W	19	5.8	5.5		5.9	5.3	5.7	5.4	1.8	111	斐济地区 (181)Fiji region

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2143	27	04–05–56.7	56.06S	24.97W	11	7.5	7.3		7.2	6.1	7.2	6.2	1.5	351	南桑德韦奇群岛地区
	27	12													(153)South Sandwich Islands region
2144	27	08–09–28.9	55.38S	26.50W	32					4.9		5.0	1.9	31	南桑德韦奇群岛地区
	27	16													(153)South Sandwich Islands region
2145	27	09–09–36.5	51.07N	98.18E	14	6.9	6.3		6.0	5.7	6.4	5.8	1.1	414	苏联——蒙古边境地区
	27	17													(333)USSR–Mongolia border region
2146	27	13–34–22.0	24.50N	122.74E	17		3.9	3.7		4.2			2.1	25	台湾地区
	27	21													(243)Taiwan region
2147	27	17–14–27.1	8.92S	157.86E	11	5.2	4.9		5.3	5.1		5.3	1.6	116	所罗门群岛
	28	01													(193)Solomon Islands
2148	28	00–52–08.8	56.12S	24.41W	11	6.9	6.7		6.6	6.0	6.7	6.1	1.3	305	南桑德韦奇群岛地区
	28	08													(153)South Sandwich Islands region
2149	28	02–20–26.0	55.40S	26.54W	17	6.4				5.1	5.4	5.3	2.0	47	南桑德韦奇群岛地区
	28	10													(153)South Sandwich Islands region
2150	28	03–40–31.5	6.45S	150.39E	26	5.3	5.3			5.1	5.3	5.3	1.5	116	新不列颠地区
	28	11													(192)New Britain region
2151	28	04–20–20.5	8.82S	157.76E	11	5.0	5.1		5.8	5.0	5.0	5.0	1.4	57	所罗门群岛
	28	12													(193)Solomon Islands
2152	28	05–08–25.6	6.36S	150.46E	31		5.1			5.1		5.0	1.5	112	新不列颠地区
	28	13													(192)New Britain region
2153	28	05–35–29.6	7.94S	125.61E	37	4.9	4.5		5.6	5.1	4.5	5.3	1.3	81	帝汶岛
	28	13													(289)Timor
2154	28	09–07–04.8	51.13N	98.12E	32	5.4	4.9	5.4	5.3	4.9	4.7	5.0	1.5	127	苏联——蒙古边境地区
	28	17													(333)USSR–Mongolia border region
2155	28	10–36–30.1	45.52N	151.59E	34	5.1	4.9		5.4	5.0	4.9	5.2	1.0	188	千岛群岛
	28	18													(221)Kurile Islands
2156	28	11–05–18.8	6.31S	150.23E	22	5.5	5.5		5.6	5.3	5.5	5.3	1.5	191	新不列颠地区
	28	19													(192)New Britain region
2157	28	12–20–58.2	24.99N	121.23E	6			3.4		4.1			2.0	6	台湾岛
	28	20													(244)Taiwan
2158	28	12–52–36.9	45.15N	151.31E	26		4.4			4.9	4.4	5.0	1.3	88	千岛群岛地区
	28	20													(222)Kurile Islands region
2159	28	13–12–26.5	17.77S	115.97W	10		4.7			4.9	4.7	5.0	1.5	77	复活节岛海山
	28	21													(684)Easter Island Cordillera
2160	28	15–59–44.1	56.56S	25.42W	33		5.1			5.0		5.1	1.9	57	南桑德韦奇群岛地区
	28	23													(153)South Sandwich Islands region
2161	28	19–52–56.6	23.17N	99.27E	30			3.8					2.5	8	缅甸——中国边境地区
	29	03													(297)Burma–China border region
2162	28	21–34–02.6	23.77N	121.83E	7	4.7	4.5	4.6		4.3		4.3	2.0	36	台湾岛
	29	05													(244)Taiwan
2163	28	21–58–54.2	23.26N	99.48E	17	4.0		3.9		3.9			3.6	10	缅甸——中国边境地区
	29	05													(297)Burma–China border region
2164	29	08–27–54.1	23.39N	99.53E	9			3.3					3.3	6	缅甸——中国边境地区
	29	16													(297)Burma–China border region
2165	29	18–39–09.3	4.36S	132.77E	36	5.9	5.9		6.3	6.0	6.1	6.0	1.3	221	西伊里安地区
	30	02													(196)West Irian region
2166	29	19–43–16.7	49.76N	155.97E	48	4.9	5.3			4.9	5.4	5.0	1.0	190	千岛群岛
	30	03													(221)Kurile Islands
2167	30	00–08–30.4	24.14S	180.00W	535					4.9		5.1	1.0	29	斐济以南地区
	30	08													(171)South of Fiji
2168	30	22–07–43.5	4.53S	152.88E	61		4.7			5.0		5.1	1.4	123	新不列颠地区
	31	06													(192)New Britain region

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2169	31	04–47–33.6	24.14N	121.73E	39	3.8	3.9	4.3	4.5	4.3	1.7	41	台湾岛	
	31	12											(244)Taiwan	
2170	31	05–21–40.8	26.36N	100.19E	13			3.5			2.9	14	云南省	
	31	13											(318)Yunnan Province	
2171	31	18–47–52.4	23.24S	179.14E	565				4.9	5.0	1.3	58	斐济以南地区	
	1	02											(171)South of Fiji	
2172	31	21–14–15.2	30.78N	99.60E	11	4.5	4.4	4.3	4.3	4.5	2.4	66	四川省	
	1	05											(307)Sichuan Province	

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No.	Origin time UTC d	h	min	s	Geographic coordinates Lat	Long	Depth (km)	Magnitudes Ms	Ms_7	M_L China	m_B	m_b	Msz NEIC	m_b	SD	No. Sta. used	Region and comments
					January 1991												
1	1	16	59	36.4	42.17N	84.74E	21			3.3					4.5	6	新疆自治区南部
	2	00	(BTC)														(321)Southern Xinjiang Province
2	1	18	51	03.5	39.68N	82.98E	20			3.7					3.1	8	新疆自治区南部
	2	02															(321)Southern Xinjiang Province
3	2	02	58	49.2	38.16N	99.95E	12	5.0	4.6	4.9	5.3	4.9	4.2	5.1	2.0	127	青海省
	2	10															(325)Qinghai Province
4	2	14	11	21.5	27.21N	100.60E	5			3.5					3.0	8	云南省
	2	22															(318)Yunnan Province
5	2	23	18	57.3	23.63N	121.50E	5			3.9		3.6		3.6	2.1	25	台湾岛
	3	07															(244)Taiwan
6	3	05	39	22.6	37.82N	124.78E	27			3.7					2.4	10	南朝鲜
	3	13															(231)South Korea
7	4	06	01	45.0	43.69N	86.91E	17			3.9					2.0	14	新疆自治区北部
	4	14															(332)Northern Xinjiang Province
8	4	09	06	30.2	23.81N	121.63E	15			3.5					1.9	6	台湾岛
	4	17															(244)Taiwan
9	4	13	05	29.9	23.82N	121.27E	11			3.6					2.8	6	台湾岛
	4	21															(244)Taiwan
10	6	13	07	34.3	43.38N	82.92E	12	4.3	4.2	4.7		4.7		4.7	1.7	84	新疆自治区北部
	6	21															(332)Northern Xinjiang Province
11	6	15	46	38.4	38.82N	88.26E	22	4.2	4.1	4.9		4.7	4.2	4.9	1.9	88	新疆自治区南部
	6	23															(321)Southern Xinjiang Province
12	7	15	43	29.1	36.16N	122.06E	19			3.9		3.7		3.8	2.4	22	黄海
	7	23															(665)Yellow Sea
13	8	19	00	26.9	23.57N	99.32E	4			3.8					4.4	6	缅甸---中国边境地区
	9	03															(297)Burma-China border region
14	8	19	03	30.8	23.52N	99.29E	22			3.5					4.0	5	缅甸---中国边境地区
	9	03															(297)Burma-China border region
15	8	23	48	46.4	23.98N	120.96E	10			3.1					3.6	6	台湾岛
	9	07															(244)Taiwan
16	9	00	26	14.6	38.09N	99.79E	6			3.7					2.2	10	青海省
	9	08															(325)Qinghai Province
17	9	01	18	20.1	20.81N	120.45E	32			3.7		4.2		4.3	2.4	22	菲律宾群岛地区
	9	09															(248)Philippine Islands region
18	9	12	50	36.2	37.92N	112.54E	12			3.1					1.9	12	中国东北部
	9	20															(658)North-Eastern China
19	10	23	19	59.3	24.80N	122.54E	18			3.8					2.0	9	台湾地区
	11	07															(243)Taiwan region
20	11	23	43	29.8	38.12N	106.26E	15			3.3					3.2	5	中国北部
	12	07															(323)Northern China
21	12	04	56	51.4	22.55N	120.39E	9	4.1		4.1		4.7		4.3	2.7	23	台湾地区
	12	12															(243)Taiwan region

22	12 13	16–15–07.9 00	23.78N	121.46E	7	3.7		3.4					4.5	6	台湾岛 (244)Taiwan
23	12 13	17–48–43.5 01	26.06N	125.47E	155					4.1		4.0	0.9	16	台湾东北以远地区 (245)North–east of Taiwan
24	12 13	23–16–37.5 07	23.66N	121.72E	9	4.1	3.8	4.3		4.3		4.3	1.8	41	台湾岛 (244)Taiwan
25	13 13	11–53–35.7 19	40.57N	105.80E	16	5.2	5.0	5.1	5.3	5.0	5.6	5.2	1.5	204	中国北部 (323)Northern China
26	13 14	21–51–53.8 05	41.68N	81.27E	31			3.8		4.3		4.3	2.4	15	新疆自治区南部 (321)Southern Xinjiang Province
27	14 14	01–22–38.2 09	23.60N	121.37E	8	3.5	3.9	3.4		3.5		3.6	1.7	14	台湾岛 (244)Taiwan
28	14 14	07–18–21.3 15	43.52N	86.20E	19			3.9					3.2	9	新疆自治区北部 (332)Northern Xinjiang Province
29	14 14	14–55–20.1 22	40.11N	74.24E	5			4.3					3.8	10	塔吉克——新疆边境地区 (719)Tadzhikistan–Xinjiang border region
30	15 15	15–23–41.7 23	37.38N	114.85E	10			3.3					1.8	5	中国东部 (664)Eastern China
31	16 17	16–09–55.3 00	37.19N	103.41E	12			3.4					3.1	7	青海省 (325)Qinghai Province
32	17 18	20–31–53.0 04	24.04N	122.62E	21	5.1	5.0	5.1	5.5	5.2	4.8	5.4	1.5	201	台湾地区 (243)Taiwan region
33	18 18	01–36–25.9 09	23.71N	121.32E	9	6.1	5.7	5.5	6.0	5.8	5.5	5.9	1.5	292	台湾岛 (244)Taiwan
34	18 18	02–16–14.4 10	47.32N	125.05E	19			3.8		4.5			2.2	17	中国东北部 (658)North–Eastern China
35	18 18	02–24–47.5 10	23.99N	121.14E	5			3.2					2.5	6	台湾岛 (244)Taiwan
36	18 18	05–56–34.3 13	37.42N	73.18E	51			4.4		4.9		4.8	2.9	24	阿富汗——苏联边境地区 (717)Afghanistan–USSR border region
37	18 18	10–49–56.3 18	23.73N	121.32E	9	5.1	4.7	5.0	5.5	5.0	5.5	5.0	1.8	111	台湾岛 (244)Taiwan
38	18 18	10–54–31.8 18	23.49N	121.14E	5	5.0	4.6	4.4	5.1	4.4			2.6	10	台湾岛 (244)Taiwan
39	18 18	12–21–13.4 20	37.31N	103.57E	13			3.3					3.5	6	甘肃省 (322)Gansu Province
40	18 18	12–40–08.0 20	23.78N	121.45E	8	3.8		4.1		4.4		4.1	2.3	25	台湾岛 (244)Taiwan
41	18 19	21–20–35.0 05	23.51N	121.41E	9			3.4					4.7	5	台湾岛 (244)Taiwan
42	18 19	22–33–06.7 06	37.47N	112.49E	23			3.4					2.3	18	中国东部 (664)Eastern China
43	18 19	22–53–08.7 06	23.69N	121.73E	10	5.1	4.6	4.9	5.3	4.7	4.5	4.8	1.9	95	台湾岛 (244)Taiwan
44	19 19	00–57–21.2 08	39.40N	75.46E	28			4.2					4.3	8	塔吉克——新疆边境地区 (719)Tadzhikistan–Xinjiang border region
45	19 19	01–08–38.3 09	35.57N	80.74E	17			4.1					2.3	6	克什米尔——西藏边境地区 (304)Kashmir–Tibet border region
46	19 19	13–24–09.0 21	23.64N	121.74E	9	4.6	4.5	4.7	5.1	4.5		4.4	2.0	73	台湾岛 (244)Taiwan
47	19 19	13–52–19.1 21	23.64N	121.75E	8	4.0	3.9	4.2		4.2		4.2	1.9	33	台湾岛 (244)Taiwan

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48	19 19	14–54–12.7	40.44N	105.86E	20			3.5					3.1	7	中国北部 (323)Northern China
49	19 19	15–59–44.1	23.65N	121.36E	4	3.8	3.3	4.1		4.1		4.0	1.5	14	台湾岛 (244)Taiwan
50	19 20	04–57–15.3	36.68N	83.98E	28			4.1					3.2	8	新疆自治区南部 (321)Southern Xinjiang Province
51	20 20	18–54–32.9	23.90N	121.66E	19	5.0	4.8	5.1	5.2	5.0	4.5	5.0	1.6	139	台湾岛 (244)Taiwan
52	20 21	21–27–08.8	45.47N	82.85E	28			3.9					2.9	8	新疆自治区北部 (332)Northern Xinjiang Province
53	20 21	21–37–05.0	42.68N	82.85E	22			3.9		4.6		4.2	2.1	21	新疆自治区北部 (332)Northern Xinjiang Province
54	21 21	00–16–12.8	25.25N	122.40E	217					4.7		4.6	1.2	53	台湾岛 (244)Taiwan
55	21 21	01–50–49.7	23.54N	121.48E	6	4.5	4.3	4.5		4.5		4.4	2.2	55	台湾岛 (244)Taiwan
56	21 21	05–12–04.9	35.72N	80.95E	10			4.3					3.8	7	克什米尔——西藏边境地区 (304)Kashmir–Tibet border region
57	21 21	10–51–58.0	23.45N	121.98E	21			3.7		4.8			1.4	7	台湾地区 (243)Taiwan region
58	21 22	18–02–38.7	23.63N	121.40E	10	4.9	4.5	5.1	5.2	4.9	4.3	4.7	1.9	110	台湾岛 (244)Taiwan
59	21 22	18–19–26.1	23.75N	121.21E	3		3.6	3.5					2.0	6	台湾岛 (244)Taiwan
60	21 22	22–13–47.8	23.57N	121.50E	13			4.2		4.2		4.1	2.9	28	台湾岛 (244)Taiwan
61	22 22	04–34–45.5	38.70N	115.94E	10			3.1					1.3	8	中国东北部 (658)North–Eastern China
62	22 23	18–40–55.2	23.54N	121.42E	7			3.7		3.5		3.6	1.9	14	台湾岛 (244)Taiwan
63	23 23	05–49–51.9	36.22N	100.58E	16			3.2					4.2	5	青海省 (325)Qinghai Province
64	23 24	16–31–23.9	41.84N	85.35E	25			3.5					4.8	5	新疆自治区南部 (321)Southern Xinjiang Province
65	23 24	16–41–30.8	23.39N	121.93E	19			3.5					3.3	5	台湾地区 (243)Taiwan region
66	23 24	22–30–10.4	45.75N	85.42E	7	4.0		4.3					3.0	11	新疆自治区北部 (332)Northern Xinjiang Province
67	23 24	23–20–15.7	23.02N	103.91E	2			3.1					3.6	6	云南省 (318)Yunnan Province
68	24 24	01–17–14.8	23.59N	121.46E	4			3.9		4.3		4.2	2.3	27	台湾岛 (244)Taiwan
69	24 24	04–01–21.8	23.55N	121.46E	7			3.9		3.9		3.9	2.5	33	台湾岛 (244)Taiwan
70	24 24	12–07–57.6	34.92N	104.35E	32			4.0		4.0		4.0	1.9	30	甘肃省 (322)Gansu Province
71	25 25	09–06–45.8	24.15N	122.65E	11			3.4		4.0		4.1	2.1	12	台湾地区 (243)Taiwan region
72	26 26	04–27–25.1	25.62N	102.24E	12			3.1					2.3	6	云南省 (318)Yunnan Province
73	26 27	17–20–46.0	24.74N	96.97E	11	4.8	4.3	4.5	5.7	4.7	4.2	4.8	1.7	122	缅甸 (296)Burma

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74	27 27	09–07–13.3 17	22.93N	121.85E	25			3.7				3.5		6	台湾地区 (243)Taiwan region
75	27 28	23–56–21.1 07	25.20N	123.72E	205				4.3		4.2	2.5		28	琉球群岛西南部 (246)South–western Ryukyu Islands
76	28 29	20–40–54.5 04	26.01N	100.86E	12			3.2				2.9		9	云南省 (318)Yunnan Province
77	28 29	22–24–50.9 06	25.76N	94.90E	32	4.3		3.8	5.2		5.0	2.7		25	缅甸——印度边境地区 (294)Burma–India border region
78	28 29	22–28–04.9 06	38.47N	112.72E	33	4.9	4.7	5.4	4.9	4.6	5.0	1.4		168	中国东北部 (658)North–Eastern China
79	31 31	00–08–45.7 08	34.86N	124.18E	23	4.2	3.7	4.4	4.6		4.1	2.3		38	黄海 (665)Yellow Sea

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80	1 1	03–27–51.4 11	23.96N	122.89E	10			3.8	4.0		3.7	1.8		18	台湾地区 (243)Taiwan region
81	1 1	10–34–59.1 18	41.81N	81.15E	14			3.2				2.2		8	新疆自治区南部 (321)Southern Xinjiang Province
82	1 2	21–18–33.2 05	38.45N	73.75E	29			3.9	4.9		4.7	2.6		18	塔吉克 (715)Tadzhikistan
83	2 2	06–24–06.2 14	34.66N	104.68E	6			3.4				2.3		16	甘肃省 (322)Gansu Province
84	2 2	09–34–19.0 17	44.50N	80.58E	33	4.1	3.7	4.2	4.6		4.6	1.7		35	哈萨克---新疆边境地区 (331)Kazakhstan–Xinjiang border region
85	2 3	16–58–31.1 00	24.87N	124.43E	15	4.1	3.9	3.7	4.2		4.1	1.8		20	琉球群岛西南部 (246)South–western Ryukyu Islands
86	3 3	06–31–48.6 14	41.65N	81.29E	12			4.2	4.6		4.6	2.1		33	新疆自治区南部 (321)Southern Xinjiang Province
87	3 4	23–24–01.5 07	42.60N	85.54E	20	4.5	4.3	4.7	5.0	4.6	4.3	4.7	1.7	94	新疆自治区北部 (332)Northern Xinjiang Province
88	4 4	10–00–52.5 18	23.91N	121.69E	17	5.0	4.8	4.9	5.2	5.1		5.1	1.6	136	台湾岛 (244)Taiwan
89	5 5	07–44–49.7 15	37.66N	91.93E	8			4.2		4.7			2.5	16	青海省 (325)Qinghai Province
90	5 5	13–03–51.1 21	42.45N	88.90E	14			4.1					2.3	11	新疆自治区南部 (321)Southern Xinjiang Province
91	5 5	15–29–36.0 23	42.77N	124.22E	14			3.2					1.6	9	中国东北部 (658)North–Eastern China
92	5 6	22–29–11.8 06	37.05N	120.07E	5			3.1					1.1	6	中国东部 (664)Eastern China
93	6 6	02–07–23.6 10	37.02N	119.98E	5			3.3					2.8	10	中国东部 (664)Eastern China
94	6 6	02–18–13.0 10	23.08N	105.96E	21			3.7					2.6	10	印度支那半岛 (299)Indo–Pacific Peninsula
95	6 6	05–33–53.4 13	22.32N	121.55E	10	3.6		3.8	4.5				1.5	8	台湾地区 (243)Taiwan region
96	6 6	10–32–41.6 18	23.92N	121.69E	10	3.7	4.0	3.8	4.0		3.9	1.7		22	台湾岛 (244)Taiwan
97	6 7	18–05–46.2 02	37.12N	119.77E	12			3.3					3.1	9	中国东部 (664)Eastern China
98	7 7	07–41–45.8 15	40.34N	106.32E	31	3.8		4.1					2.4	17	中国北部 (323)Northern China

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99	8 8	10–23–15.0	40.20N	106.10E	23			3.7				4.8	5	中国北部 (323)Northern China
100	8 8	14–58–50.6	40.76N	78.47E	26			3.2				3.2	6	吉尔吉斯——新疆边境地区 (320)Kirgiziya–Xinjiang border region
101	9 9	00–44–43.1	33.95N	119.81E	10			3.3				2.9	6	中国东部 (664)Eastern China
102	9 9	15–29–23.8	28.24N	104.18E	8			3.2	3.5		3.6	2.2	19	云南省 (318)Yunnan Province
103	9 10	20–18–38.3	39.77N	73.96E	18			4.3				3.2	10	塔吉克——新疆边境地区 (719)Tadzhikistan–Xinjiang border region
104	10 10	15–06–22.5	43.90N	86.96E	12			3.4				2.7	6	新疆自治区北部 (332)Northern Xinjiang Province
105	10 11	22–57–36.4	36.14N	100.24E	33			3.4				2.5	6	青海省 (325)Qinghai Province
106	11 11	04–30–05.8	21.84N	113.27E	7			3.4				2.6	5	中国东南沿海 (242)Near south–eastern coast of China
107	11 12	22–17–36.1	23.83N	121.72E	11	3.9	3.9	4.2	4.3		4.3	1.4	34	台湾岛 (244)Taiwan
108	12 12	04–51–38.4	29.28N	105.06E	20			3.1				2.9	11	四川省 (307)Sichuan Province
109	12 12	13–00–59.6	29.61N	96.97E	15	4.4	4.3	4.6	4.8		4.9	1.8	97	印度——中国边境地区 (313)India–China border region
110	12 12	13–22–54.5	29.63N	96.93E	3			3.7				3.1	9	印度——中国边境地区 (313)India–China border region
111	12 12	14–02–56.1	30.64N	79.22E	33		3.6		4.1	3.6	4.1	1.9	25	印度北部 (308)Northern India
112	12 12	15–30–44.5	24.09N	123.83E	22	4.2	3.9	4.0	4.4		4.5	2.0	61	琉球群岛西南部 (246)South–western Ryukyu Islands
113	12 13	21–09–21.4	34.21N	103.31E	4			3.3				1.4	7	四川省 (307)Sichuan Province
114	12 13	21–40–46.5	39.63N	74.16E	5		3.8	4.5	4.4			2.3	18	塔吉克——新疆边境地区 (719)Tadzhikistan–Xinjiang border region
115	13 13	11–24–54.1	38.04N	102.07E	13			3.7				1.8	9	青海省 (325)Qinghai Province
116	13 14	16–28–19.2	29.65N	96.95E	32	4.2	3.9	4.3	4.6		4.7	1.8	73	印度——中国边境地区 (313)India–China border region
117	13 14	16–34–35.2	22.58N	121.50E	5			3.5				4.6	6	台湾地区 (243)Taiwan region
118	16 16	00–19–47.1	33.72N	104.78E	5			3.6				2.5	19	甘肃省 (322)Gansu Province
119	16 16	14–29–36.9	35.86N	99.79E	6			3.4				3.0	5	青海省 (325)Qinghai Province
120	16 17	18–12–59.2	23.64N	121.48E	5			3.7			3.9	1.6	18	台湾岛 (244)Taiwan
121	16 17	19–18–20.4	23.60N	121.40E	6			3.6			3.9	1.6	18	台湾岛 (244)Taiwan
122	16 17	22–51–08.8	31.03N	121.09E	26			3.7				1.6	10	中国东部 (664)Eastern China
123	17 17	03–58–55.1	23.74N	102.67E	12			3.2				1.7	6	云南省 (318)Yunnan Province
124	17 17	11–17–42.5	39.97N	77.74E	18	4.3	4.2	4.5	4.9		5.0	1.8	74	新疆自治区南部 (321)Southern Xinjiang Province

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125	18 18	02–59–50.5	24.31N	121.11E	10			3.5					1.6	5	台湾岛 (244)Taiwan
126	18 18	09–06–21.5	31.66N	102.53E	20	5.1	4.5	5.1	5.4	4.9	4.8	1.8	121	四川省 (307)Sichuan Province
127	18 18	09–54–26.5	36.02N	81.00E	11			4.0					2.2	8	克什米尔——西藏边境地区 (304)Kashmir–Tibet border region
128	19 19	15–05–19.2	23.86N	121.63E	8			3.8		3.7	3.8	1.8	16	台湾岛 (244)Taiwan
129	19 20	23–46–35.7	38.90N	75.17E	28			3.8		4.5	4.6	2.3	31	塔吉克——新疆边境地区 (719)Tadzhikistan–Xinjiang border region
130	20 20	14–50–56.4	21.62N	102.08E	10			3.4			4.5		6	缅甸——中国边境地区 (297)Burma–China border region
131	20 20	15–26–33.4	42.21N	87.00E	17			3.2			3.0		7	新疆自治区南部 (321)Southern Xinjiang Province
132	21 21	00–36–15.9	23.45N	99.62E	5			3.2			2.9		6	缅甸——中国边境地区 (297)Burma–China border region
133	21 21	01–49–35.0	37.99N	100.57E	32	4.1	4.0	4.3		4.3	4.5	2.0	35	青海省 (325)Qinghai Province
134	22 23	16–57–49.2	27.02N	100.91E	10	3.9		3.4			2.4		15	云南省 (318)Yunnan Province
135	23 23	07–14–44.4	37.38N	113.57E	13			3.4			2.2		23	中国东部 (664)Eastern China
136	23 24	19–56–17.7	44.72N	83.08E	19			3.1			3.2		5	新疆自治区北部 (332)Northern Xinjiang Province
137	24 24	13–30–33.5	23.47N	120.96E	34	4.9	4.7	4.8		4.7	4.6	2.3	78	台湾岛 (244)Taiwan
138	25 25	09–13–42.9	23.24N	121.63E	11			3.8		3.4	3.6	2.5	12	台湾地区 (243)Taiwan region
139	25 25	09–17–22.3	23.64N	120.24E	9			3.3			3.6		6	台湾地区 (243)Taiwan region
140	25 25	09–42–23.6	23.95N	121.70E	26	4.5	4.4	4.6		4.7	4.6	1.9	68	台湾岛 (244)Taiwan
141	25 25	10–52–33.1	34.65N	78.82E	31	4.3	4.3	4.3		4.4	4.6	1.6	20	克什米尔——西藏边境地区 (304)Kashmir–Tibet border region
142	25 25	14–30–26.7	40.41N	78.96E	19	6.4	6.1		6.0	5.5	6.1	5.5	1.1	351	新疆自治区南部 (321)Southern Xinjiang Province
143	25 25	14–52–03.9	40.36N	79.10E	32			4.6		5.0	5.0	1.3	105	新疆自治区南部 (321)Southern Xinjiang Province
144	25 25	14–54–41.9	40.46N	78.81E	24			4.9		4.8	4.9	1.9	24	新疆自治区南部 (321)Southern Xinjiang Province
145	25 25	15–11–00.5	40.44N	79.08E	28			3.3			3.7		8	新疆自治区南部 (321)Southern Xinjiang Province
146	25 26	16–18–44.2	40.58N	79.29E	19			3.3			3.3		7	新疆自治区南部 (321)Southern Xinjiang Province
147	25 26	16–53–28.5	40.47N	79.16E	31			3.5			4.6		6	新疆自治区南部 (321)Southern Xinjiang Province
148	25 26	17–39–41.3	40.43N	79.14E	20			3.3			3.3		7	新疆自治区南部 (321)Southern Xinjiang Province
149	26 26	01–58–51.5	37.03N	120.28E	15			3.5			2.8		11	中国东部 (664)Eastern China
150	26 26	02–11–51.5	36.96N	120.10E	3			3.1			3.6		5	中国东部 (664)Eastern China

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151	26 26	08-54-43.2	37.90N	112.45E	31			3.7				1.9	22	中国东北部 (658)North-Eastern China
152	26 26	13-34-39.6	40.50N	79.22E	19			3.4				3.0	8	新疆自治区南部 (321)Southern Xinjiang Province
153	26 26	13-51-36.7	40.44N	79.45E	15			3.5				4.0	6	新疆自治区南部 (321)Southern Xinjiang Province
154	26 26	15-38-42.0	34.40N	91.84E	32	5.3	5.0		4.9	4.7	4.6	4.7	2.1	74 青海省 (325)Qinghai Province
155	26 27	18-28-43.1	40.33N	79.49E	17			4.3					2.9	13 新疆自治区南部 (321)Southern Xinjiang Province
156	26 27	19-19-31.4	32.84N	86.47E	31	4.1	3.9			4.2		4.3	1.4	17 西藏自治区 (306)Tibet
157	26 27	21-21-22.4	37.88N	102.74E	10			3.2					4.0	6 甘肃省 (322)Gansu Province
158	27 27	00-33-50.7	26.97N	100.68E	7			3.0					1.2	5 云南省 (318)Yunnan Province
159	27 27	00-36-00.6	24.30N	123.89E	36	3.5	3.8	3.7		4.2		4.3	1.8	27 琉球群岛西南部 (246)South-western Ryukyu Islands
160	27 27	08-43-53.7	25.70N	104.04E	11	4.8	4.5	4.7		4.6			2.1	57 云南省 (318)Yunnan Province
161	27 27	11-05-25.7	40.43N	79.34E	22			3.6					3.6	5 新疆自治区南部 (321)Southern Xinjiang Province
162	27 27	15-25-06.9	40.29N	80.06E	26			3.3					4.3	6 新疆自治区南部 (321)Southern Xinjiang Province
163	27 28	18-25-58.8	36.21N	100.31E	23			3.3					2.5	8 青海省 (325)Qinghai Province

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164	1 1	03-56-21.6	22.48N	99.00E	10			3.6				1.3	6	缅甸 (296)Burma
165	2 2	04-56-37.0	24.10N	121.81E	34	4.0	3.9	4.4		4.4	4.4	1.8	57	台湾岛 (244)Taiwan
166	2 3	17-47-52.0	31.89N	100.99E	9	3.1		3.3				4.0	8	四川省 (307)Sichuan Province
167	2 3	18-13-18.3	23.94N	121.74E	18	5.7	5.5	5.3	5.5	5.0	5.0	1.7	136	台湾岛 (244)Taiwan
168	3 3	04-36-45.3	24.09N	121.92E	5	4.6	4.3	4.3		4.1		2.1	25	台湾岛 (244)Taiwan
169	3 3	09-34-49.7	41.40N	79.14E	13			4.1		4.0	4.0	2.4	21	新疆自治区南部 (321)Southern Xinjiang Province
170	3 4	19-16-53.5	41.18N	78.98E	1			3.8				2.5	7	新疆自治区南部 (321)Southern Xinjiang Province
171	4 4	04-27-00.2	23.53N	121.62E	25	4.4	3.8	3.6		4.2	4.3	1.8	23	台湾岛 (244)Taiwan
172	4 4	05-43-25.6	22.94N	121.24E	23			3.5				1.7	7	台湾岛 (244)Taiwan
173	5 5	01-49-24.2	22.67N	120.70E	35	3.5	3.7	3.9		4.0	4.0	1.9	22	台湾岛 (244)Taiwan
174	5 5	09-18-00.6	23.18N	102.45E	5	4.7	4.2	5.0		4.3		1.9	42	缅甸——中国边境地区 (297)Burma-China border region
175	6 6	11-33-15.8	33.45N	104.11E	6			3.7				2.8	17	四川省 (307)Sichuan Province

176	6 7	16–04–07.9	35.92N	80.90E	31			4.5		4.0		4.1	1.8	20	克什米尔——西藏边境地区 (304)Kashmir–Tibet border region
177	6 7	18–32–39.7	39.08N	75.49E	12			4.4		4.4		4.5	1.9	44	塔吉克——新疆边境地区 (719)Tadzhikistan–Xinjiang border region
178	7 7	01–13–53.0	40.00N	75.65E	17	5.0	4.8	5.7	5.0	4.9	4.9	5.0	1.4	145	新疆自治区南部 (321)Southern Xinjiang Province
179	7 7	02–34–27.6	40.47N	78.93E	22			3.6				3.8		6	新疆自治区南部 (321)Southern Xinjiang Province
180	7 7	05–36–27.6	37.54N	105.60E	10	4.2	4.1	4.3		4.2		4.3	2.0	44	中国北部 (323)Northern China
181	7 7	13–40–16.1	24.67N	123.15E	29			3.7		4.4		4.8	3.1	20	台湾地区 (243)Taiwan region
182	7 7	15–34–23.0	23.27N	119.78E	5		3.4	3.6					2.3	10	台湾地区 (243)Taiwan region
183	7 8	23–56–45.4	40.11N	78.96E	20			3.4					4.3	6	新疆自治区南部 (321)Southern Xinjiang Province
184	8 8	14–59–51.9	40.72N	86.44E	15			3.6					3.3	6	新疆自治区南部 (321)Southern Xinjiang Province
185	8 9	16–05–00.1	15.53N	119.22E	40	4.8	4.4		5.3	5.0		5.1	1.4	92	菲律宾群岛地区 (248)Philippine Islands region
186	8 9	21–06–25.9	23.11N	101.07E	31			3.8		4.2			2.7	13	缅甸——中国边境地区 (297)Burma–China border region
187	9 10	22–15–37.9	23.67N	120.49E	5			3.7					2.5	9	台湾地区 (243)Taiwan region
188	10 10	12–47–29.3	39.76N	75.44E	18			4.5		4.1		4.1	3.1	24	新疆自治区南部 (321)Southern Xinjiang Province
189	10 11	16–47–14.9	34.03N	99.85E	13	4.6	4.3	4.4		4.2			2.3	61	青海省 (325)Qinghai Province
190	11 11	03–03–52.0	35.65N	78.86E	4			4.1					2.8	11	克什米尔东部 (302)Eastern Kashmir
191	11 12	21–41–44.4	22.87N	99.35E	15			3.6					3.0	9	缅甸——中国边境地区 (297)Burma–China border region
192	12 12	06–04–04.2	23.24N	120.08E	16	5.8	5.4		5.6	5.5	5.2	5.6	1.3	294	台湾地区 (243)Taiwan region
193	12 12	06–54–21.4	23.21N	120.06E	7	4.0		4.3		3.9		3.5	2.6	28	台湾地区 (243)Taiwan region
194	12 12	07–05–46.6	23.23N	119.74E	4			3.6					3.3	8	台湾地区 (243)Taiwan region
195	12 12	07–23–10.0	22.33N	120.25E	10			3.9					4.2	7	台湾地区 (243)Taiwan region
196	12 12	08–32–38.8	23.19N	120.09E	16	3.8	3.6	4.0		3.4		3.5	2.2	13	台湾地区 (243)Taiwan region
197	12 12	11–22–12.3	23.20N	119.99E	10	3.8	3.6	4.3		3.5		3.6	2.0	33	台湾地区 (243)Taiwan region
198	12 12	13–43–11.4	40.37N	79.24E	9			3.7					4.0	5	新疆自治区南部 (321)Southern Xinjiang Province
199	12 13	19–16–47.3	23.11N	120.16E	9	4.3	4.1	4.8		3.8		3.9	2.3	48	台湾地区 (243)Taiwan region
200	12 13	19–46–12.5	23.45N	119.89E	5	4.4	4.0	4.7		3.8			2.0	32	台湾地区 (243)Taiwan region
201	12 13	20–13–53.9	23.15N	119.74E	6			3.6					3.7	5	台湾地区 (243)Taiwan region

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202	13 14	16-31-18.6	37.99N	121.19E	30	3.7	3.6	4.3	4.4	4.0	1.7	50	中国东北部 (658)North-Eastern China
203	13 14	18-30-23.5	23.87N	119.54E	5			3.4			1.2	6	台湾地区 (243)Taiwan region
204	13 14	20-34-35.1	37.99N	121.28E	14	3.8	3.5	4.2	4.2		2.3	33	中国东北部 (658)North-Eastern China
205	13 14	23-54-16.7	42.08N	85.56E	15			3.5			2.1	7	新疆自治区南部 (321)Southern Xinjiang Province
206	14 15	16-53-24.8	40.49N	78.90E	20			3.2			3.0	6	新疆自治区南部 (321)Southern Xinjiang Province
207	14 15	17-09-45.2	39.67N	73.94E	33	4.4	4.1	4.8	4.9	5.0	1.3	126	塔吉克——新疆边境地区 (719)Tadzhikistan-Xinjiang border region
208	14 15	17-16-35.4	22.17N	100.01E	29			3.4			3.3	5	缅甸——中国边境地区 (297)Burma-China border region
209	15 15	02-15-41.9	40.54N	79.07E	29			3.2			3.5	6	新疆自治区南部 (321)Southern Xinjiang Province
210	15 15	04-28-19.7	27.99N	88.36E	28			3.6	4.3		2.3	19	尼泊尔 (310)Nepal
211	15 15	07-56-49.2	24.00N	120.30E	3			3.5			2.5	8	台湾地区 (243)Taiwan region
212	15 15	15-06-37.4	23.48N	119.60E	5			3.9	3.9		2.6	18	台湾地区 (243)Taiwan region
213	16 16	02-33-32.1	24.00N	97.88E	26			3.8			1.7	6	缅甸——中国边境地区 (297)Burma-China border region
214	16 16	03-06-49.8	40.49N	79.23E	19			3.8			2.8	8	新疆自治区南部 (321)Southern Xinjiang Province
215	16 17	19-32-26.5	24.76N	121.84E	89	4.3			4.6	4.6	1.4	96	台湾岛 (244)Taiwan
216	17 17	04-37-04.5	23.16N	120.05E	9	4.8	4.5	5.3	5.0 4.6	4.3	2.1	80	台湾地区 (243)Taiwan region
217	17 18	21-01-33.6	22.41N	121.60E	18			3.9	4.3		1.8	10	台湾地区 (243)Taiwan region
218	18 18	05-36-25.1	22.32N	120.78E	20			4.0			2.4	6	台湾地区 (243)Taiwan region
219	18 18	06-57-25.1	39.96N	77.87E	33			4.0			3.3	10	新疆自治区南部 (321)Southern Xinjiang Province
220	18 18	15-17-47.6	34.49N	85.97E	25	4.0	3.7		4.4	4.0	2.1	21	西藏自治区 (306)Tibet
221	19 19	02-07-18.0	42.98N	127.28E	11			3.3			3.3	7	中国东北部 (658)North-Eastern China
222	20 20	12-31-04.8	29.92N	99.40E	21	3.9		3.3			2.5	10	西藏自治区 (306)Tibet
223	20 21	17-43-17.9	38.08N	73.32E	130				4.8	4.8	1.4	30	塔吉克 (715)Tadzhikistan
224	20 21	21-19-49.6	39.50N	118.47E	16			3.3			1.7	17	中国东北部 (658)North-Eastern China
225	21 21	15-02-17.4	32.89N	86.85E	28				4.4	4.6	0.9	12	西藏自治区 (306)Tibet
226	21 22	17-22-39.2	21.62N	121.87E	24	4.2	4.1	4.0	4.2 3.8	4.1	2.3	54	台湾地区 (243)Taiwan region
227	21 22	20-53-34.1	38.48N	112.69E	9			3.2			2.4	14	中国东北部 (658)North-Eastern China

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228	22 23 07	23-43-20.0	37.56N	75.04E	28			3.7	4.3	4.3	2.1	23	塔吉克——新疆边境地区 (719)Tadzhikistan-Xinjiang border region		
229	23 23 13	05-47-00.9	31.51N	90.83E	27	4.0	3.5	3.5	4.0	4.1	1.9	26	西藏自治区 (306)Tibet		
230	23 23 23	15-58-54.4	23.74N	123.08E	7	3.7	3.4	3.8	4.1	4.2	2.3	21	台湾地区 (243)Taiwan region		
231	23 24 03	19-40-14.4	48.78N	82.83E	20			3.9		3.1		8	哈萨克东部 (329)Eastern Kazakhstan		
232	23 24 04	20-33-34.5	34.24N	79.66E	35				4.5	4.5	1.3	24	克什米尔——西藏边境地区 (304)Kashmir-Tibet border region		
233	24 24 10	02-45-04.7	29.98N	101.42E	10			3.7		2.3		18	四川省 (307)Sichuan Province		
234	24 24 11	03-31-13.8	23.31N	123.38E	32	4.2	3.6	3.8	4.3	4.2	1.6	20	台湾地区 (243)Taiwan region		
235	24 24 12	04-14-56.1	46.11N	90.22E	29	4.2	4.0	4.6	4.0	4.2	2.7	26	新疆自治区北部 (332)Northern Xinjiang Province		
236	25 26 02	18-02-40.8	39.93N	113.89E	11	5.9	5.5	5.8	5.3	5.0	5.5	5.1	1.5	175	中国东北部 (658)North-Eastern China
237	25 26 03	19-19-49.5	39.62N	113.95E	23			3.1				3.0	9	中国东北部 (658)North-Eastern China	
238	25 26 04	20-01-30.6	39.95N	113.84E	10			3.9				2.1	23	中国东北部 (658)North-Eastern China	
239	25 26 04	20-23-15.0	39.90N	113.91E	9			3.2				1.4	7	中国东北部 (658)North-Eastern China	
240	25 26 04	20-55-44.8	39.96N	113.91E	9			3.4				1.9	12	中国东北部 (658)North-Eastern China	
241	25 26 07	23-38-57.7	24.25N	124.02E	40			3.2		3.8		3.9	2.1	11	琉球群岛西南部 (246)South-western Ryukyu Islands
242	26 26 08	00-25-41.3	39.81N	113.80E	10			3.4				2.8	13	中国东北部 (658)North-Eastern China	
243	26 26 11	03-58-22.4	21.75N	121.77E	16	6.5	6.3		6.2	5.7	6.3	5.8	1.3	340	台湾地区 (243)Taiwan region
244	26 26 12	04-38-09.6	21.91N	121.86E	9			3.8		4.1		4.1	2.4	19	台湾地区 (243)Taiwan region
245	26 26 14	06-19-27.8	21.69N	121.83E	19	5.5	5.2	5.0	5.5	5.2	5.1	5.2	1.3	180	台湾地区 (243)Taiwan region
246	26 26 14	06-34-41.3	21.58N	121.87E	9		4.9	4.0		4.4		4.2	1.8	47	台湾地区 (243)Taiwan region
247	26 26 14	06-37-45.8	21.63N	121.84E	11		3.9	4.1		4.5	3.9	4.4	1.7	38	台湾地区 (243)Taiwan region
248	26 26 18	10-24-23.5	21.86N	121.65E	10	5.4	5.3	4.8	5.7	5.2	5.5	5.3	1.5	199	台湾地区 (243)Taiwan region
249	26 26 18	10-57-11.1	21.79N	121.74E	8	4.4	4.1	4.0		4.4		4.2	1.9	50	台湾地区 (243)Taiwan region
250	26 26 19	11-01-48.2	21.81N	122.01E	29			3.7		3.9		3.9	3.0	19	台湾地区 (243)Taiwan region
251	26 26 20	12-40-34.3	21.63N	121.89E	8	4.2	4.4	3.7		4.0	3.7	4.2	2.4	36	台湾地区 (243)Taiwan region
252	26 26 21	13-43-48.6	21.61N	121.89E	10	4.6	4.6	4.1		4.5	4.8	4.3	1.8	72	台湾地区 (243)Taiwan region
253	26 26 22	14-20-29.6	22.15N	121.70E	12			3.5		4.0	4.0	4.4	2.4	21	台湾地区 (243)Taiwan region

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254	26	14-28-51.2	43.65N	88.52E	15			3.2					2.8	7	新疆自治区北部
	26	22													(332)Northern Xinjiang Province
255	26	18-30-19.3	21.85N	121.77E	11	4.8	4.8	4.2	5.2	4.7	4.8	4.6	1.9	91	台湾地区
	27	02													(243)Taiwan region
256	27	05-09-21.6	39.87N	113.92E	8			3.2					2.4	13	中国东北部
	27	13													(658)North-Eastern China
257	27	05-11-49.1	39.96N	113.80E	8			3.3					1.8	12	中国东北部
	27	13													(658)North-Eastern China
258	27	06-37-18.8	21.84N	121.92E	11	4.0	3.9	3.8		4.0		4.1	2.4	23	台湾地区
	27	14													(243)Taiwan region
259	27	08-05-10.6	21.73N	122.14E	9	4.0	3.8	3.9		3.9	3.7	3.9	2.6	29	台湾地区
	27	16													(243)Taiwan region
260	27	21-40-01.8	25.22N	97.51E	22			3.5					3.7	7	缅甸——中国边境地区
	28	05													(297)Burma-China border region
261	27	22-07-59.5	25.23N	97.61E	20	4.4	3.9	4.4		4.4			2.4	34	缅甸——中国边境地区
	28	06													(297)Burma-China border region
262	27	23-58-32.7	39.88N	113.96E	14			3.1					2.2	6	中国东北部
	28	07													(658)North-Eastern China
263	28	13-07-46.0	39.92N	113.99E	6			3.0					1.9	9	中国东北部
	28	21													(658)North-Eastern China
264	28	13-51-27.9	39.89N	113.94E	10			3.1					2.0	13	中国东北部
	28	21													(658)North-Eastern China
265	28	20-29-26.2	21.49N	121.75E	5			3.7			3.6	4.0	2.6	11	菲律宾群岛地区
	29	04													(248)Philippine Islands region
266	29	02-20-11.3	40.71N	122.67E	15			3.1					2.8	8	中国东北部
	29	10													(658)North-Eastern China
267	29	09-09-55.4	25.27N	124.24E	146					4.3		4.1	1.5	40	琉球群岛西南部
	29	17													(246)South-western Ryukyu Islands
268	29	17-32-31.3	40.44N	79.17E	23			4.2					2.7	14	新疆自治区南部
	30	01													(321)Southern Xinjiang Province
269	29	18-00-54.6	44.65N	81.15E	8			3.5					2.8	7	哈萨克——新疆边境地区
	30	02													(331)Kazakhstan-Xinjiang border region
270	29	18-11-24.4	23.98N	121.44E	12			3.5		4.0		3.7	1.7	14	台湾岛
	30	02													(244)Taiwan
271	31	05-26-39.1	24.38N	123.94E	24	4.2	4.1	4.0		4.5		4.6	1.8	46	琉球群岛西南部
	31	13													(246)South-western Ryukyu Islands
272	31	05-58-25.7	23.69N	121.79E	18			3.8		4.2		3.8	1.8	13	台湾岛
	31	13													(244)Taiwan
273	31	21-35-24.0	39.98N	113.75E	14			3.8					2.4	21	中国东北部
	1	05													(658)North-Eastern China

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274	1	04-33-30.5	49.06N	122.77E	9			3.3					3.5	8	中国东北部
	1	12													(658)North-Eastern China
275	1	10-47-08.4	33.09N	120.97E	25	3.8		3.8					1.6	17	中国东部
	1	18													(664)Eastern China
276	1	16-51-36.2	41.87N	78.82E	15			3.1					3.3	7	吉尔吉斯——新疆边境地区
	2	00													(320)Kirgiziya-Xinjiang border region
277	1	20-53-28.8	36.16N	100.10E	17			3.6					2.6	9	青海省
	2	04													(325)Qinghai Province
278	2	08-21-43.9	23.08N	121.20E	17	4.4	4.4	4.4		4.6			1.6	58	台湾岛
	2	16													(244)Taiwan

279	2 2	10–02–32.4	43.69N	115.82E	7			3.4				2.0	7	中国东北部 (658)North–Eastern China	
280	2 3	18–00–12.1	39.55N	80.52E	10	4.8	4.1	4.8	5.1	4.1	5.2	1.0	186	新疆自治区南部 (321)Southern Xinjiang Province	
281	2 3	21–50–03.8	23.90N	122.01E	8			3.5				2.3	7	台湾岛 (244)Taiwan	
282	3 3	09–39–11.3	42.07N	87.53E	24			3.6				2.0	8	新疆自治区南部 (321)Southern Xinjiang Province	
283	3 3	11–08–35.4	22.93N	121.55E	11			3.8	4.5			2.3	10	台湾地区 (243)Taiwan region	
284	4 5	18–27–39.9	37.00N	73.12E	22			3.8	4.1		4.0	2.1	30	阿富汗——苏联边境地区 (717)Afghanistan–USSR border region	
285	4 5	22–19–51.3	23.64N	121.75E	9			3.7	3.8		3.7	2.1	14	台湾岛 (244)Taiwan	
286	5 5	01–36–50.5	24.59N	117.44E	18			3.5				2.6	8	中国东南沿海 (242)Near south–eastern coast of China	
287	5 5	09–52–07.2	28.96N	102.37E	9			3.5				3.1	5	四川省 (307)Sichuan Province	
288	6 7	19–45–56.8	40.09N	77.84E	21			3.5				3.6	9	新疆自治区南部 (321)Southern Xinjiang Province	
289	7 7	01–56–48.2	34.05N	122.81E	26			3.4				2.5	7	黄海 (665)Yellow Sea	
290	7 7	15–05–02.8	24.52N	121.81E	26			3.3				2.5	8	台湾岛 (244)Taiwan	
291	8 8	12–57–08.8	24.45N	120.89E	10			3.4				2.0	7	台湾岛 (244)Taiwan	
292	9 9	10–04–09.8	21.58N	121.87E	9	4.3	4.0	4.1	5.1	4.4	4.0	4.5	1.6	69	台湾地区 (243)Taiwan region
293	9 10	22–59–06.2	26.43N	92.96E	15	4.0	3.6		4.5		4.4	1.7	71	印度——孟加拉边境地区 (315)India–Bangladesh border region	
294	11 11	02–24–59.1	47.17N	120.44E	24			3.2				2.1	7	中国东北部 (658)North–Eastern China	
295	11 12	20–32–18.5	27.23N	101.13E	8	5.1	4.7	4.7	4.8			1.8	78	云南省 (318)Yunnan Province	
296	11 12	21–25–46.6	27.05N	101.18E	10			3.1				2.6	11	云南省 (318)Yunnan Province	
297	12 12	10–21–36.9	23.76N	121.55E	10	3.8		3.6	3.6		3.8	1.9	17	台湾岛 (244)Taiwan	
298	12 12	12–24–26.4	40.38N	79.11E	27			3.7				3.1	9	新疆自治区南部 (321)Southern Xinjiang Province	
299	13 13	01–09–34.4	24.02N	122.81E	12	3.7	3.5	4.0	4.4		4.3	2.1	27	台湾地区 (243)Taiwan region	
300	13 13	10–48–08.3	24.37N	123.98E	22	3.9	3.9	4.0	4.6		4.6	1.7	60	琉球群岛西南部 (246)South–western Ryukyu Islands	
301	13 13	12–28–07.4	27.23N	101.03E	10	4.1		3.6				2.7	21	云南省 (318)Yunnan Province	
302	13 14	19–54–21.0	34.91N	122.00E	24			3.5				1.4	10	黄海 (665)Yellow Sea	
303	14 15	17–05–58.5	23.34N	121.74E	15			3.3				3.4	5	台湾地区 (243)Taiwan region	
304	14 15	21–00–45.7	40.23N	77.55E	23			4.1				2.8	14	新疆自治区南部 (321)Southern Xinjiang Province	

305	14 15	22–26–43.7	40.25N	77.44E	15		3.3			2.7	8	新疆自治区南部 (321)Southern Xinjiang Province
306	15 15	07–33–05.2	30.86N	99.83E	6		3.2			4.5	5	四川省 (307)Sichuan Province
307	16 16	11–33–50.2	36.92N	73.01E	17		4.6	4.5	4.5	1.9	51	阿富汗——苏联边境地区 (717)Afghanistan–USSR border region
308	16 16	14–51–46.9	27.72N	101.01E	13	3.4	3.3			2.5	16	云南省 (318)Yunnan Province
309	16 16	14–55–36.1	27.62N	101.13E	8	3.6	3.5			2.8	16	云南省 (318)Yunnan Province
310	17 17	01–55–48.5	40.63N	108.58E	9		3.5			1.8	11	中国北部 (323)Northern China
311	17 17	03–57–48.1	23.84N	121.06E	5		3.5	4.3		1.6	10	台湾岛 (244)Taiwan
312	17 17	08–04–45.1	30.38N	110.97E	9	3.7	4.0	4.1		2.0	31	中国东部 (664)Eastern China
313	17 17	08–37–04.5	23.71N	121.27E	5	3.8	3.5	4.1	4.1	2.3	25	台湾岛 (244)Taiwan
314	17 17	09–23–52.6	35.13N	111.01E	11	3.6	4.0	4.4		2.2	34	中国东部 (664)Eastern China
315	17 17	15–16–32.5	23.66N	102.72E	17	3.7	4.0	4.6		2.0	31	云南省 (318)Yunnan Province
316	18 19	16–44–44.6	39.62N	73.84E	23	4.1	3.9	4.4	4.4	2.0	22	塔吉克——新疆边境地区 (719)Tadzhikistan–Xinjiang border region
317	19 19	05–33–14.8	24.05N	121.67E	10		3.9	4.0		1.9	10	台湾岛 (244)Taiwan
318	19 20	23–57–17.5	43.84N	83.81E	16		4.0			1.8	10	新疆自治区北部 (332)Northern Xinjiang Province
319	20 20	03–07–55.3	38.73N	97.72E	26		3.7			0.9	6	青海省 (325)Qinghai Province
320	20 20	06–39–23.8	24.44N	121.11E	11		3.5			1.3	7	台湾岛 (244)Taiwan
321	20 20	09–48–28.2	41.78N	120.52E	7		3.3			2.8	12	中国东北部 (658)North–Eastern China
322	21 21	01–41–25.8	22.71N	100.52E	10		3.3			3.4	6	缅甸——中国边境地区 (297)Burma–China border region
323	21 21	13–03–58.8	22.53N	121.47E	15		3.7	4.2		1.9	9	台湾岛 (244)Taiwan
324	21 22	17–28–06.8	24.97N	123.81E	116			4.4	4.2	1.7	13	琉球群岛西南部 (246)South–western Ryukyu Islands
325	22 22	12–41–40.6	35.51N	110.59E	27		3.4			3.0	21	中国东部 (664)Eastern China
326	22 23	19–16–01.7	36.64N	72.89E	36		3.9	3.7	3.7	2.4	16	阿富汗——苏联边境地区 (717)Afghanistan–USSR border region
327	23 23	01–00–44.1	43.23N	88.47E	19		3.4			1.5	7	新疆自治区北部 (332)Northern Xinjiang Province
328	23 23	10–13–03.2	35.95N	80.83E	33		3.7			2.8	7	克什米尔——西藏边境地区 (304)Kashmir–Tibet border region
329	23 24	16–51–13.4	40.15N	78.14E	26		3.9			2.7	13	新疆自治区南部 (321)Southern Xinjiang Province
330	24 24	03–11–00.4	28.21N	104.69E	9		3.5			2.6	19	云南省 (318)Yunnan Province

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331	24 25	19–11–45.4	31.81N	104.51E	31	3.7	3.6	3.9		4.5		4.7	2.1	31	四川省 (307)Sichuan Province
332	24 25	22–34–48.1	36.38N	113.37E	7	4.1		4.1					2.5	39	中国东部 (664)Eastern China
333	25 25	10–55–36.3	40.16N	78.25E	23			4.3					2.3	14	新疆自治区南部 (321)Southern Xinjiang Province
334	25 26	23–12–18.9	32.98N	104.54E	5	3.3		3.7					2.3	18	四川省 (307)Sichuan Province
335	25 26	23–30–46.4	33.12N	104.69E	19	3.7	4.0	4.0		4.1			3.2	23	四川省 (307)Sichuan Province
336	26 26	00–24–11.3	24.04N	122.58E	31	4.9	4.7	5.0	5.2	4.8	4.7	4.7	1.4	123	台湾地区 (243)Taiwan region
337	26 26	00–45–30.2	46.34N	129.62E	12			3.2					3.0	9	中国东北部 (658)North–Eastern China
338	27 27	02–29–36.0	40.29N	112.96E	18			3.9		4.0		4.2	2.0	28	中国东北部 (658)North–Eastern China
339	27 27	10–04–55.8	29.92N	94.87E	26	4.5	4.3	3.8		4.5			2.2	41	印度——中国边境地区 (313)India–China border region
340	27 28	17–33–48.6	40.43N	79.04E	12			3.3					4.5	6	新疆自治区南部 (321)Southern Xinjiang Province
341	28 28	03–47–28.9	22.82N	101.00E	14			3.0					1.5	5	缅甸——中国边境地区 (297)Burma–China border region
342	28 28	14–52–16.6	23.96N	121.95E	11	4.1	3.9	4.1		4.2		4.0	2.0	39	台湾岛 (244)Taiwan
343	28 29	17–24–24.0	41.05N	107.45E	17			3.6					2.5	11	中国北部 (323)Northern China
344	29 30	16–51–27.1	43.57N	132.34E	503				5.0	4.7		4.7	0.9	141	俄罗斯东部——中国东北边境地区 (657)E. Russia–N.E. China border region
345	30 30	06–41–12.6	22.28N	121.98E	6			3.5		4.2		4.2	2.2	10	台湾地区 (243)Taiwan region

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346	1 1	04–30–42.8	41.71N	81.09E	31			4.3					2.7	14	新疆自治区南部 (321)Southern Xinjiang Province
347	1 1	11–29–06.3	35.12N	111.05E	21	3.9		3.8		4.2			2.1	29	中国东部 (664)Eastern China
348	1 1	15–12–20.9	23.88N	122.85E	15			3.5		3.9			1.4	9	台湾地区 (243)Taiwan region
349	1 2	19–22–01.2	43.69N	87.64E	3			3.9					2.3	13	新疆自治区北部 (332)Northern Xinjiang Province
350	3 3	15–52–13.0	31.11N	111.89E	17			3.1					2.1	11	中国东部 (664)Eastern China
351	4 4	05–36–33.0	23.93N	123.47E	34	5.0	4.9	4.8	5.2	5.1	5.0	5.2	1.4	201	台湾地区 (243)Taiwan region
352	4 4	06–56–16.9	23.81N	123.52E	34					3.9		3.8	0.8	11	琉球群岛西南部 (246)South–western Ryukyu Islands
353	4 4	15–04–28.9	29.47N	105.43E	10			3.2					2.3	16	四川省 (307)Sichuan Province
354	6 6	14–31–11.8	44.71N	86.76E	24			3.2					4.2	6	新疆自治区北部 (332)Northern Xinjiang Province
355	6 7	16–08–27.8	44.57N	86.74E	25			3.7					3.0	9	新疆自治区北部 (332)Northern Xinjiang Province

356	6 7	16-24-59.9	39.76N	118.86E	3	3.8	3.6	4.1					1.9	28	中国东北部 (658)North-Eastern China
357	6 7	16-29-59.0	39.73N	118.60E	10			3.3					2.3	15	中国东北部 (658)North-Eastern China
358	7 7	04-36-47.9	23.55N	121.63E	2	4.3	4.2	4.3	4.8	4.4	4.1	2.0	46	台湾岛 (244)Taiwan
359	8 9	21-43-53.9	37.83N	78.15E	26	4.0	3.8	4.1			4.2	2.5	18	新疆自治区南部 (321)Southern Xinjiang Province
360	8 9	22-37-47.8	18.69N	119.83E	22	4.1	4.0			4.1		2.0	22	菲律宾群岛地区 (248)Philippine Islands region
361	9 9	01-15-58.0	23.99N	123.48E	28	4.5	4.3	4.4		4.1	4.5	2.2	71	台湾地区 (243)Taiwan region
362	9 9	13-37-13.4	23.54N	100.59E	33			3.6				1.6	11	云南省 (318)Yunnan Province
363	10 10	02-40-09.3	30.24N	99.65E	3	3.8		3.2				2.6	14	四川省 (307)Sichuan Province
364	10 10	03-55-11.2	40.03N	98.59E	7	3.7	3.3	4.2				2.6	16	甘肃省 (322)Gansu Province
365	10 10	10-26-10.7	40.74N	113.41E	12			3.6				1.9	20	中国东北部 (658)North-Eastern China
366	10 11	23-28-20.8	39.63N	118.76E	15			3.2				1.6	15	中国东北部 (658)North-Eastern China
367	11 11	08-00-42.4	22.39N	121.11E	27	3.9	3.5	4.0		4.3	4.2	2.1	29	台湾地区 (243)Taiwan region
368	11 12	17-26-26.0	22.15N	121.07E	6	4.2	4.0	3.9		4.0	4.0	1.6	29	台湾地区 (243)Taiwan region
369	11 12	17-34-08.6	26.44N	96.26E	106					4.9	4.9	1.7	52	缅甸——印度边境地区 (294)Burma-India border region
370	14 14	00-48-07.7	30.11N	103.36E	13			3.5				2.3	13	四川省 (307)Sichuan Province
371	14 14	03-18-31.5	40.67N	113.48E	6			3.0				2.3	8	中国东北部 (658)North-Eastern China
372	14 14	12-15-31.6	43.22N	84.93E	18			3.5				1.9	8	新疆自治区北部 (332)Northern Xinjiang Province
373	15 15	08-11-08.7	22.14N	115.20E	29			3.4				2.5	5	中国东南沿海 (242)Near south-eastern coast of China
374	16 16	04-50-38.1	22.96N	116.92E	30	3.9	4.0	4.1		4.2	3.9	2.2	11	中国东南沿海 (242)Near south-eastern coast of China
375	16 17	17-58-24.3	26.32N	125.97E	25	4.9	4.7	4.8	5.2	4.7	4.9	1.9	79	琉球群岛西南部 (246)South-western Ryukyu Islands
376	16 17	20-18-57.1	24.69N	98.82E	28			3.2				2.0	7	缅甸——中国边境地区 (297)Burma-China border region
377	17 17	04-23-49.7	25.45N	121.89E	34	4.2	4.0	3.9		4.3	4.2	2.5	15	台湾岛 (244)Taiwan
378	17 18	21-14-04.1	25.24N	124.76E	34	4.0	4.1	4.2		4.0	3.9	2.8	17	琉球群岛西南部 (246)South-western Ryukyu Islands
379	18 18	04-17-52.7	24.63N	122.73E	33			3.3		3.9	3.8	2.2	12	台湾地区 (243)Taiwan region
380	18 18	04-52-18.3	31.70N	80.09E	23	4.0	3.9			4.5	4.6	1.5	61	西藏——印度边境地区 (305)Tibet-India border region
381	18 18	06-59-21.6	31.65N	80.00E	41	4.2	4.0			4.6	4.5	1.9	45	西藏——印度边境地区 (305)Tibet-India border region

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382	19 19	14-53-25.7	39.98N	77.88E	19	4.1	3.7	4.2	4.4			2.5	16	新疆自治区南部	
														(321)Southern Xinjiang Province	
383	20 20	00-20-39.2	31.03N	86.82E	32	4.7	4.4		4.4	4.0	4.6	1.4	75	西藏自治区	
														(306)Tibet	
384	20 20	09-52-54.3	26.72N	102.82E	12	3.6		3.4				2.4	14	四川省	
														(307)Sichuan Province	
385	20 21	16-56-16.8	24.85N	121.62E	24	3.7	4.0	4.0	3.7		3.9	2.3	13	台湾岛	
														(244)Taiwan	
386	22 22	08-47-39.5	22.82N	121.54E	20			3.6	3.9		4.0	2.0	18	台湾地区	
														(243)Taiwan region	
387	22 22	13-14-37.8	36.93N	103.94E	12	3.6	3.2	4.0				2.2	22	甘肃省	
														(322)Gansu Province	
388	22 23	17-16-56.6	43.18N	113.82E	10			3.1				1.7	8	中国东北部	
														(658)North-Eastern China	
389	22 23	21-50-39.1	25.79N	98.56E	8			3.4				2.1	6	缅甸——中国边境地区	
														(297)Burma-China border region	
390	23 24	18-38-09.7	31.30N	86.80E	32	4.3	4.2		4.4	4.3	4.3	2.0	53	西藏自治区	
														(306)Tibet	
391	23 24	20-47-17.3	40.26N	79.09E	31	3.8	3.7	4.2	3.8		3.9	2.6	27	新疆自治区南部	
														(321)Southern Xinjiang Province	
392	24 24	01-47-48.6	24.41N	122.17E	5	4.2	3.6	4.0	4.3		4.2	1.8	29	台湾岛	
														(244)Taiwan	
393	24 24	10-39-20.9	21.88N	113.25E	14			3.4				3.1	7	中国东南沿海	
														(242)Near south-eastern coast of China	
394	24 24	11-51-00.2	41.70N	81.10E	14			3.3				2.2	6	新疆自治区南部	
														(321)Southern Xinjiang Province	
395	24 25	18-53-36.8	41.54N	81.21E	31			3.5				3.4	9	新疆自治区南部	
														(321)Southern Xinjiang Province	
396	25 25	01-20-18.7	34.69N	105.19E	13	3.6	3.3	3.9				2.3	20	甘肃省	
														(322)Gansu Province	
397	25 25	02-59-57.3	24.30N	123.29E	10		3.2	3.0	4.2		4.3	1.1	10	台湾地区	
														(243)Taiwan region	
398	25 25	13-29-19.6	41.67N	81.07E	26			3.7				2.6	13	新疆自治区南部	
														(321)Southern Xinjiang Province	
399	25 26	23-07-23.0	39.47N	74.12E	28			4.4	4.2		4.1	2.2	21	塔吉克——新疆边境地区	
														(719)Tadzhikistan-Xinjiang border region	
400	26 26	08-02-41.8	40.83N	94.50E	33	3.8	3.7	4.6	4.4		4.5	1.4	28	甘肃省	
														(322)Gansu Province	
401	26 27	17-28-00.6	27.77N	99.95E	12	3.8		3.6				1.8	19	云南省	
														(318)Yunnan Province	
402	26 27	17-59-58.5	27.59N	100.02E	16			3.4				2.2	7	云南省	
														(318)Yunnan Province	
403	26 27	20-48-33.7	23.94N	123.61E	33				3.8		3.8	1.7	13	琉球群岛西南部	
														(246)South-western Ryukyu Islands	
404	27 27	01-19-48.8	24.03N	122.52E	6			3.3	4.0		3.5	1.0	10	台湾地区	
														(243)Taiwan region	
405	27 27	04-27-20.5	28.39N	104.07E	21			3.3				2.6	11	云南省	
														(318)Yunnan Province	
406	28 28	07-32-07.1	24.10N	122.50E	28	4.2	4.2	4.2	4.6		4.1	2.0	47	台湾地区	
														(243)Taiwan region	
407	28 29	16-34-25.7	23.52N	120.00E	4			3.2				2.3	6	台湾地区	
														(243)Taiwan region	

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408	29 29	03–55–04.4	24.93N	122.45E	6	3.5	3.6	3.8	3.8	4.0	2.4	13	台湾岛 (244)Taiwan	
409	29 29	09–55–48.6	28.66N	98.81E	13	3.7		3.5	3.6	3.9	2.9	17	缅甸——中国边境地区 (297)Burma–China border region	
410	29 29	11–02–10.8	39.68N	118.41E	12	4.5	4.2	4.7	4.3	4.6	1.8	75	中国东北部 (658)North–Eastern China	
411	29 29	14–53–09.9	40.46N	79.36E	31			3.5	3.9	3.9	3.0	15	新疆自治区南部 (321)Southern Xinjiang Province	
412	29 29	15–18–33.3	39.88N	118.24E	11			3.3			2.0	13	中国东北部 (658)North–Eastern China	
413	29 29	15–23–34.4	39.67N	118.25E	10			3.5			2.1	20	中国东北部 (658)North–Eastern China	
414	29 30	23–06–56.0	39.66N	118.38E	24	4.9	4.5	4.8	4.7	4.9	1.6	103	中国东北部 (658)North–Eastern China	
415	30 30	06–47–55.8	39.63N	118.31E	10			3.3			1.7	12	中国东北部 (658)North–Eastern China	
416	30 31	21–35–36.3	24.04N	122.94E	18	4.4	4.2	4.4	4.6	1.6		70	台湾地区 (243)Taiwan region	
417	31 31	01–31–25.1	41.98N	83.85E	20			3.5		3.6		9	新疆自治区南部 (321)Southern Xinjiang Province	
418	31 31	02–08–13.5	22.57N	99.57E	15			3.6		4.5		6	缅甸——中国边境地区 (297)Burma–China border region	
419	31 31	07–50–19.6	36.18N	80.99E	15		3.7	4.6		2.6		13	克什米尔——西藏边境地区 (304)Kashmir–Tibet border region	
420	31 31	14–23–04.1	34.90N	98.67E	6			3.1		3.3		8	青海省 (325)Qinghai Province	
421	31 31	14–58–00.4	23.75N	120.88E	5	3.2		3.5		2.1		10	台湾岛 (244)Taiwan	

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422	1 1	02–49–26.0	28.76N	81.89E	28				4.6	1.8		16	尼泊尔——印度边境地区 (309)Nepal–India border region	
423	1 1	08–03–37.6	39.35N	117.78E	22			3.1		1.9		11	中国东北部 (658)North–Eastern China	
424	2 2	10–56–54.0	39.66N	118.46E	11			3.2		2.3		16	中国东北部 (658)North–Eastern China	
425	2 2	12–41–45.3	22.86N	100.91E	31			3.5		2.8		6	缅甸——中国边境地区 (297)Burma–China border region	
426	2 3	22–15–56.0	44.31N	81.51E	17	4.0	3.4	4.6	4.5	4.6	2.1	54	新疆自治区北部 (332)Northern Xinjiang Province	
427	3 3	04–54–40.5	23.91N	118.65E	10	3.4	3.6	4.1			2.2	16	台湾地区 (243)Taiwan region	
428	3 3	07–13–57.0	39.30N	112.79E	15			3.0			1.8	6	中国东北部 (658)North–Eastern China	
429	3 3	09–32–39.1	27.42N	110.69E	10	3.9		3.8	4.3	4.4	2.1	32	中国东部 (664)Eastern China	
430	3 3	10–34–04.9	24.70N	122.08E	9			3.3			2.0	8	台湾岛 (244)Taiwan	
431	3 3	13–14–14.9	38.29N	106.17E	17			3.1			2.8	13	中国北部 (323)Northern China	
432	3 4	17–03–09.6	23.82N	121.84E	21	4.4	4.2	4.6	4.5	4.7	4.8	2.0	81	台湾岛 (244)Taiwan

433	3 4	20–33–58.5	33.82N	104.24E	7			3.2					3.6	6	甘肃省 (322)Gansu Province
434	3 4	23–18–34.5	42.18N	83.52E	21			3.3					2.1	7	新疆自治区南部 (321)Southern Xinjiang Province
435	4 4	03–52–35.1	23.62N	119.41E	5			3.6	3.7				2.8	11	台湾地区 (243)Taiwan region
436	4 4	13–23–40.2	30.21N	99.85E	24			3.3					3.3	10	四川省 (307)Sichuan Province
437	4 5	18–00–15.3	27.72N	127.41E	157				4.9				1.5	57	中国东海 (234)East China Sea
438	4 5	21–36–16.6	44.90N	100.10E	14	3.9	3.8	4.4					2.3	15	蒙古 (334)Mongolia
439	5 5	00–12–29.0	28.41N	102.80E	15			3.4	3.5				2.5	17	四川省 (307)Sichuan Province
440	5 5	01–03–30.1	26.09N	118.77E	6			3.5					3.1	5	中国东南沿海 (242)Near south–eastern coast of China
441	6 6	08–02–07.4	42.78N	87.18E	33	4.8	4.5	5.6	5.2	5.0	4.4	5.1	1.5	213	新疆自治区北部 (332)Northern Xinjiang Province
442	6 6	12–54–53.3	39.68N	118.37E	10	3.8		3.8					1.8	21	中国东北部 (658)North–Eastern China
443	6 6	13–02–19.6	42.31N	81.52E	9			3.9					3.4	9	新疆自治区南部 (321)Southern Xinjiang Province
444	8 8	00–27–44.4	29.82N	96.74E	15	4.0	3.8	4.0					2.1	20	印度——中国边境地区 (313)India–China border region
445	8 9	17–02–29.7	39.75N	118.29E	13			3.4					2.2	19	中国东北部 (658)North–Eastern China
446	9 9	00–29–11.1	39.92N	113.97E	9			3.8					2.4	23	中国东北部 (658)North–Eastern China
447	9 9	08–07–11.6	25.04N	120.38E	15			3.0					2.5	5	台湾地区 (243)Taiwan region
448	9 10	19–23–29.8	48.35N	130.00E	1			4.2					2.5	15	中国东北部 (658)North–Eastern China
449	9 10	20–07–51.8	39.13N	73.47E	24			3.6	4.8				3.2	11	塔吉克 (715)Tadzhikistan
450	10 11	21–30–08.0	29.70N	80.45E	9				4.7				1.2	17	印度北部 (308)Northern India
451	11 12	17–19–59.7	23.78N	119.32E	5			3.4					2.7	10	台湾地区 (243)Taiwan region
452	13 13	00–46–08.6	35.49N	99.08E	10			3.5					3.2	5	青海省 (325)Qinghai Province
453	13 13	10–18–58.8	40.26N	77.65E	33	4.1	3.9	4.6	4.8		4.9		2.5	38	新疆自治区南部 (321)Southern Xinjiang Province
454	14 14	01–12–19.9	40.74N	122.52E	12			3.5					2.5	12	中国东北部 (658)North–Eastern China
455	14 14	09–20–11.3	38.67N	98.46E	7	3.5	3.6	3.4					2.8	12	青海省 (325)Qinghai Province
456	14 15	17–01–46.1	39.52N	73.63E	17	4.1	4.2	4.1					2.1	11	塔吉克——新疆边境地区 (719)Tadzhikistan–Xinjiang border region
457	15 15	08–16–19.0	14.54N	119.58E	2	4.5	4.4		4.7		4.5		2.9	8	吕宋岛 (249)Luzon
458	15 15	09–31–18.4	14.62N	120.12E	29	4.4	4.3		4.6		4.5		1.8	8	吕宋岛 (249)Luzon

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459	15 15	09–48–55.7	14.84N	120.39E	6					4.6		4.4	2.2	9	吕宋岛 (249)Luzon	
460	15 15	13–13–31.0	14.78N	120.10E	11					4.6		4.6	2.2	8	吕宋岛 (249)Luzon	
461	15 15	13–26–12.3	15.02N	120.27E	5					4.5		4.5	3.3	7	吕宋岛 (249)Luzon	
462	15 16	16–32–26.8	38.85N	105.54E	26	4.8	4.4	5.1	5.5	5.0		5.1	2.1	105	中国北部 (323)Northern China	
463	15 16	17–42–14.0	31.01N	86.45E	30	4.4	4.1			4.4	4.1	4.4	2.7	27	西藏自治区 (306)Tibet	
464	16 16	02–07–18.8	39.35N	73.70E	35	5.5	5.4		6.3	6.0			2.1	9	塔吉克——新疆边境地区 (719)Tadzhikistan–Xinjiang border region	
465	16 16	15–11–19.3	39.64N	118.37E	25			3.3					1.9	18	中国东北部 (658)North–Eastern China	
466	17 17	06–55–14.8	35.86N	84.88E	22	5.1	4.7	5.3	5.2	4.7	4.7	4.9	2.0	99	西藏自治区 (306)Tibet	
467	18 19	20–18–03.6	35.92N	84.80E	17	4.5	4.3	4.5		4.5		4.0	2.4	41	西藏自治区 (306)Tibet	
468	19 20	18–14–42.3	31.89N	113.36E	26			3.2					2.4	15	中国东部 (664)Eastern China	
469	19 20	21–42–41.3	24.35N	120.06E	9			3.6					2.0	9	台湾地区 (243)Taiwan region	
470	19 20	22–15–03.3	39.92N	75.05E	29			4.2					3.6	5	新疆自治区南部 (321)Southern Xinjiang Province	
471	20 20	00–41–35.0	38.87N	74.51E	18			3.7					2.7	5	塔吉克——新疆边境地区 (719)Tadzhikistan–Xinjiang border region	
472	20 20	01–56–10.7	39.31N	74.54E	21			4.1					4.1	8	塔吉克——新疆边境地区 (719)Tadzhikistan–Xinjiang border region	
473	20 20	10–56–24.2	40.26N	109.32E	6			3.1					3.2	7	中国北部 (323)Northern China	
474	20 20	13–44–54.8	39.39N	74.45E	28			4.3					3.0	10	塔吉克——新疆边境地区 (719)Tadzhikistan–Xinjiang border region	
475	20 21	16–26–42.5	37.69N	112.72E	10	3.5		3.2					2.2	12	中国东北部 (658)North–Eastern China	
476	21 21	07–11–33.3	39.28N	74.38E	5	4.3	4.4	3.6					3.9	9	塔吉克——新疆边境地区 (719)Tadzhikistan–Xinjiang border region	
477	21 21	09–48–48.2	38.85N	75.13E	26			4.0		4.6		4.2	3.3	15	塔吉克——新疆边境地区 (719)Tadzhikistan–Xinjiang border region	
478	22 22	10–06–13.8	22.62N	121.32E	70					4.5		4.2	2.2	40	台湾岛 (244)Taiwan	
479	23 23	02–45–42.1	32.65N	77.16E	5	4.4	4.1	4.7	5.2	4.9			1.6	40	克什米尔南部地区 (303)Southern Kashmir region	
480	23 23	10–03–59.8	26.62N	93.17E	33	4.7	4.4	4.8	5.5	5.2	4.4	5.3	1.2	364	印度东部 (317)Eastern India	
481	23 24	16–36–11.0	36.82N	106.18E	11			3.1					1.6	13	中国北部 (323)Northern China	
482	23 24	18–03–11.1	23.15N	120.61E	7	4.1	4.0	4.3		4.2		4.3	2.7	37	台湾岛 (244)Taiwan	
483	24 25	16–57–06.5	40.92N	122.41E	8			3.1					4.1	7	中国东北部 (658)North–Eastern China	
484	24 25	17–46–22.7	24.28N	122.18E	30	4.4	4.1	4.9	4.8	4.4		4.4	1.7	87	台湾岛 (244)Taiwan	

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485	24 25	18–43–48.0	24.63N	121.90E	18	4.3	3.8	4.4		4.2	4.3	1.8	49	台湾岛 (244)Taiwan	
486	25 25	09–41–01.7	24.46N	122.55E	7		3.3	3.9		4.1	4.3	2.4	19	台湾地区 (243)Taiwan region	
487	25 25	15–20–12.7	47.75N	84.95E	6			3.2			4.7		6	哈萨克——新疆边境地区 (331)Kazakhstan–Xinjiang border region	
488	25 26	23–27–42.0	36.01N	111.61E	15			3.4			2.3		14	中国东部 (664)Eastern China	
489	26 27	16–34–10.0	38.61N	76.95E	25			3.6			3.4		5	新疆自治区南部 (321)Southern Xinjiang Province	
490	26 27	16–51–58.9	24.61N	122.55E	29			3.5		4.6	4.2	1.5	15	台湾地区 (243)Taiwan region	
491	26 27	17–51–39.1	39.27N	123.67E	16			3.2			1.9		12	中国东北部 (658)North–Eastern China	
492	26 27	18–28–56.6	42.01N	84.63E	10			3.0			2.2		9	新疆自治区南部 (321)Southern Xinjiang Province	
493	26 27	22–22–10.8	27.64N	115.89E	7			3.1			3.5		8	中国东部 (664)Eastern China	
494	27 27	10–56–16.7	24.21N	101.30E	13			3.5			2.2		14	云南省 (318)Yunnan Province	
495	27 27	12–37–10.8	40.04N	98.51E	5	3.6	3.8	4.1			2.6		17	甘肃省 (322)Gansu Province	
496	28 28	11–17–58.4	37.56N	112.50E	20			3.5			2.6		26	中国东北部 (658)North–Eastern China	
497	29 29	02–31–24.6	23.98N	101.30E	10			3.2			1.8		8	云南省 (318)Yunnan Province	
498	29 29	12–34–24.1	40.43N	123.21E	11			3.0			1.8		7	中国东北部 (658)North–Eastern China	
499	30 30	08–38–27.9	14.44N	119.89E	15					4.1	4.1	2.2	16	菲律宾群岛地区 (248)Philippine Islands region	

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500	1 1	06–18–05.4	24.90N	99.07E	17	4.8	4.4	4.7	5.0	4.6	4.6	1.9	94	缅甸——中国边境地区 (297)Burma–China border region	
501	1 1	06–26–51.4	24.87N	99.07E	13			3.5			2.6		10	缅甸——中国边境地区 (297)Burma–China border region	
502	1 1	12–21–52.2	39.58N	118.32E	17			3.0			2.4		9	中国东北部 (658)North–Eastern China	
503	2 3	18–15–49.0	27.63N	93.49E	16			3.2			3.4		6	印度——中国边境地区 (313)India–China border region	
504	2 3	23–31–57.8	32.09N	85.08E	16	4.9	4.6			4.6	4.5	4.7	1.5	98	西藏自治区 (306)Tibet
505	3 3	12–38–18.1	24.78N	98.94E	9			3.6			2.3		8	缅甸——中国边境地区 (297)Burma–China border region	
506	3 4	23–45–00.3	26.16N	99.68E	8	4.2	4.0	4.1		4.4	4.5	2.3	50	云南省 (318)Yunnan Province	
507	4 4	09–38–40.0	43.79N	111.48E	10			3.5			2.2		8	蒙古 (334)Mongolia	
508	4 4	10–49–45.1	26.00N	99.82E	12	3.6		3.6			2.9		12	云南省 (318)Yunnan Province	
509	4 4	11–23–07.1	26.02N	99.74E	4			3.3			1.9		6	云南省 (318)Yunnan Province	

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510	5 5	12–28–00.2	24.05N	121.12E	18		3.1				2.1	6	台湾岛 (244)Taiwan		
511	6 6	07–49–24.9	32.09N	120.42E	27		3.6				1.8	12	中国东部 (664)Eastern China		
512	6 7	16–10–57.7	27.90N	101.15E	26		3.4				2.5	13	云南省 (318)Yunnan Province		
513	6 7	16–58–47.1	21.19N	121.62E	105			4.2	4.2		1.5	32	菲律宾群岛地区 (248)Philippine Islands region		
514	7 7	03–16–38.7	31.79N	102.64E	11	3.8	3.6				2.6	16	四川省 (307)Sichuan Province		
515	8 8	10–30–38.2	24.64N	124.30E	9		3.3	4.3	4.5		1.8	13	琉球群岛西南部 (246)South–western Ryukyu Islands		
516	8 9	22–57–38.2	33.15N	104.20E	5		3.1				3.6	8	四川省 (307)Sichuan Province		
517	9 9	05–33–48.9	15.17N	120.11E	29			4.5	4.5		1.8	8	吕宋岛 (249)Luzon		
518	9 9	08–13–59.3	25.96N	99.78E	12		3.5				1.5	9	云南省 (318)Yunnan Province		
519	10 11	19–16–47.7	24.24N	121.78E	10	3.3	3.5				3.4	8	台湾岛 (244)Taiwan		
520	11 11	11–05–07.2	39.72N	118.49E	10		3.9	4.5			2.5	24	中国东北部 (658)North–Eastern China		
521	12 13	19–26–16.4	20.48N	101.89E	20		4.1				2.0	12	印度支那半岛 (299)Indo–Pacific Peninsula		
522	12 13	19–38–38.1	39.80N	118.29E	15		3.3				2.0	17	中国东北部 (658)North–Eastern China		
523	12 13	21–56–31.5	39.59N	94.97E	8	4.2	3.7	4.1			2.3	29	甘肃省 (322)Gansu Province		
524	12 13	22–05–59.2	39.53N	94.90E	14	4.5	4.4	5.1	4.7	4.5	4.8	1.6	125	甘肃省 (322)Gansu Province	
525	13 13	11–28–52.3	40.84N	98.51E	10		3.3				4.1	5	中国北部 (323)Northern China		
526	13 14	18–29–20.4	38.60N	72.73E	34		4.7	4.6		4.5	1.8	/ 19	塔吉克 (715)Tadzhikistan		
527	15 16	19–20–15.9	26.19N	105.51E	7		3.2				3.2	11	中国东部 (664)Eastern China		
528	15 16	19–53–01.5	25.56N	124.81E	140			4.0		3.9	1.6	28	台湾东北以远地区 (245)North–east of Taiwan		
529	15 16	22–42–29.6	18.95N	119.65E	32			4.2		4.2	1.7	12	菲律宾群岛地区 (248)Philippine Islands region		
530	16 16	12–17–20.1	20.49N	102.00E	15	4.1	4.2				2.2	9	印度支那半岛 (299)Indo–Pacific Peninsula		
531	17 17	01–06–38.7	29.56N	104.34E	7		3.3				2.6	13	四川省 (307)Sichuan Province		
532	18 18	13–24–59.4	30.37N	94.86E	33	4.3	4.0	4.7	4.9	5.0	1.5	106	印度——中国边境地区 (313)India–China border region		
533	18 19	17–45–42.5	30.32N	94.64E	32		2.9	4.1	4.2	1.9	31	印度——中国边境地区 (313)India–China border region			
534	18 19	23–29–56.0	39.44N	74.50E	28		4.2				3.4	9	塔吉克——新疆边境地区 (719)Tadzhikistan–Xinjiang border region		
535	19 19	04–48–36.9	24.62N	122.43E	36	4.1	4.1	4.0	4.8	4.1	2.0	24	台湾岛 (244)Taiwan		

536	19 20	17–59–21.8	23.81N	99.64E	33			3.4				1.6	8	缅甸——中国边境地区 (297)Burma–China border region
537	19 20	18–42–14.0	23.55N	121.62E	9	4.0	3.8	4.1	4.5	4.0	2.4		27	台湾岛 (244)Taiwan
538	20 20	13–01–13.3	37.35N	113.21E	24			3.0				2.0	14	中国东部 (664)Eastern China
539	20 21	17–42–08.4	24.58N	120.89E	30			3.7	4.3	4.3	2.0		16	台湾岛 (244)Taiwan
540	20 21	18–52–23.5	30.33N	94.78E	33	3.8	4.2		4.3	4.5	2.0		41	印度——中国边境地区 (313)India–China border region
541	20 21	19–02–30.1	30.36N	94.85E	24	4.1	3.7	4.3	4.7	4.8	1.7		105	印度——中国边境地区 (313)India–China border region
542	20 21	20–24–49.0	39.37N	106.53E	13	3.0	2.7	3.3				1.5	10	中国北部 (323)Northern China
543	22 22	05–25–27.7	38.48N	100.05E	11			3.5				3.2	8	青海省 (325)Qinghai Province
544	22 22	11–58–52.9	24.92N	99.13E	15	4.9	4.6	4.8	5.2	4.8	4.4	4.8	1.9	95 缅甸——中国边境地区 (297)Burma–China border region
545	23 24	16–51–51.4	30.34N	94.79E	16	4.3	3.9			4.6		4.7	1.6	74 印度——中国边境地区 (313)India–China border region
546	23 24	21–58–19.9	23.33N	99.67E	12	4.1	4.2	4.0		3.9		4.1	2.2	24 缅甸——中国边境地区 (297)Burma–China border region
547	23 24	22–34–55.0	38.02N	106.34E	10			3.2					1.6	5 中国北部 (323)Northern China
548	24 24	00–55–42.6	41.99N	89.58E	16			3.8					1.6	7 新疆自治区南部 (321)Southern Xinjiang Province
549	24 24	06–06–44.1	30.34N	94.80E	33	4.0	3.8	5.0		4.7		4.8	1.7	70 印度——中国边境地区 (313)India–China border region
550	24 24	06–37–41.2	24.89N	98.94E	7			3.2					1.9	6 缅甸——中国边境地区 (297)Burma–China border region
551	24 24	08–17–12.2	30.22N	108.15E	17			3.8					2.8	20 四川省 (307)Sichuan Province
552	24 24	09–28–21.4	42.40N	79.83E	13			3.6					3.6	6 吉尔吉斯——新疆边境地区 (320)Kirgiziya–Xinjiang border region
553	24 24	14–15–49.0	24.93N	98.97E	11			3.4					2.1	9 缅甸——中国边境地区 (297)Burma–China border region
554	24 24	14–20–13.6	24.79N	98.94E	5			3.4	4.7				2.9	12 缅甸——中国边境地区 (297)Burma–China border region
555	24 24	15–24–39.7	43.11N	78.14E	11	3.8	3.7	4.4	4.5	5.1	4.4	1.8		32 阿拉木图地区 (330)Alma–Ata region
556	25 25	01–52–42.9	30.37N	94.73E	16	4.0	3.9	4.4	4.7		4.8	1.7		63 印度——中国边境地区 (313)India–China border region
557	25 25	02–45–41.3	36.64N	111.38E	5			3.0				4.3		5 中国东部 (664)Eastern China
558	25 25	07–07–34.4	24.90N	98.96E	36			3.2				2.2		5 缅甸——中国边境地区 (297)Burma–China border region
559	27 27	09–54–47.0	39.72N	118.85E	6	4.1	4.0	4.0				2.3		33 中国东北部 (658)North–Eastern China
560	27 28	18–17–45.9	24.14N	121.07E	5			3.7	4.1			1.9		14 台湾岛 (244)Taiwan
561	28 29	17–29–29.0	36.26N	80.96E	13		3.8	4.2				1.6		9 克什米尔——西藏边境地区 (304)Kashmir–Tibet border region

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562	28 29	20-34-07.1	27.10N	102.82E	10			3.8				2.8	25	四川省 (307)Sichuan Province
563	28 29	23-58-19.8	30.38N	94.79E	33	4.2	4.0	4.5	4.8	4.9	1.6	102	印度——中国边境地区 (313)India-China border region
564	29 29	03-20-15.1	30.27N	94.81E	32				4.4	4.6	2.1	28	印度——中国边境地区 (313)India-China border region
565	29 29	04-05-47.8	23.68N	121.29E	11			4.1	4.2		1.8	19	台湾岛 (244)Taiwan
566	29 29	15-05-02.4	21.47N	111.87E	20			3.5			2.9	5	中国东部 (664)Eastern China
567	29 29	15-48-05.2	30.37N	94.77E	9	4.0	4.0	4.4	4.5		1.9	68	印度——中国边境地区 (313)India-China border region
568	29 30	16-14-45.2	29.96N	94.82E	5						2.8	7	印度——中国边境地区 (313)India-China border region
569	29 30	23-51-06.3	30.02N	101.70E	10			3.4			2.0	14	四川省 (307)Sichuan Province
570	30 31	22-22-02.3	30.40N	94.75E	8	3.9	3.8		4.6		1.8	81	印度——中国边境地区 (313)India-China border region
571	30 31	22-22-09.4	24.80N	98.94E	5			3.3			2.9	10	缅甸——中国边境地区 (297)Burma-China border region
572	31 31	11-20-49.2	24.81N	98.96E	9	4.4	4.0	4.0	4.3		2.3	38	缅甸——中国边境地区 (297)Burma-China border region

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573	1 2	18-25-44.8	34.19N	122.07E	10	3.7	3.9	4.0				2.4	41	黄海 (665)Yellow Sea
574	1 2	22-51-17.4	38.73N	73.78E	27			3.6	4.4	4.4		7		塔吉克---新疆边境地区 (719)Tadzhikistan-Xinjiang border region
575	3 3	02-36-06.7	24.21N	122.32E	10	3.5		3.5				2.5	9	台湾岛 (244)Taiwan
576	3 3	04-10-42.0	38.25N	119.67E	10			3.8				2.5	26	中国东北部 (658)North-Eastern China
577	3 3	09-28-22.3	23.57N	120.64E	10			3.4				3.6	6	台湾岛 (244)Taiwan
578	3 3	15-27-45.4	44.66N	81.12E	19			3.4				3.0	6	哈萨克---新疆边境地区 (331)Kazakhstan-Xinjiang border region
579	4 4	02-08-26.0	24.95N	122.11E	7	4.7	4.6	4.8	5.2	4.6	4.3	2.1	58	台湾岛 (244)Taiwan
580	4 4	08-55-06.1	38.36N	74.71E	23			4.6	4.5	5.0	2.0	25		塔吉克---新疆边境地区 (719)Tadzhikistan-Xinjiang border region
581	4 4	08-55-10.1	38.09N	75.14E	18			4.3	4.2			2.9	11	塔吉克---新疆边境地区 (719)Tadzhikistan-Xinjiang border region
582	4 4	10-44-22.4	35.92N	99.31E	10			3.3				1.5	9	青海省 (325)Qinghai Province
583	4 4	12-38-23.2	24.31N	96.05E	5	5.1	4.8	4.8	5.4	5.0		1.8	82	缅甸 (296)Burma
584	4 5	22-42-16.0	24.93N	98.98E	9			3.4				1.4	8	缅甸---中国边境地区 (297)Burma-China border region
585	5 6	21-10-19.3	24.57N	102.93E	13			3.4				2.9	11	云南省 (318)Yunnan Province
586	6 6	09-31-12.7	39.77N	118.71E	13			3.1				0.9	8	中国东北部 (658)North-Eastern China

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587	6 7	17–31–25.7	24.79N	119.85E	5			3.2					3.0	7	台湾地区 (243)Taiwan region
588	7 7	04–48–08.3	33.30N	103.75E	10	4.0		4.2					2.3	19	四川省 (307)Sichuan Province
589	7 7	06–01–49.6	33.24N	104.18E	12	4.0	4.7	4.0					3.0	20	四川省 (307)Sichuan Province
590	8 9	23–24–15.4	23.98N	121.48E	12			3.6					3.3	7	台湾岛 (244)Taiwan
591	9 9	09–51–25.0	24.05N	102.73E	12			3.4					3.7	10	云南省 (318)Yunnan Province
592	10 10	00–48–48.6	38.23N	116.00E	11			3.3					2.8	16	中国东北部 (658)North–Eastern China
593	10 10	01–26–39.5	48.18N	84.93E	2			3.7					3.9	5	哈萨克——新疆边境地区 (331)Kazakhstan–Xinjiang border region
594	10 11	20–21–51.0	33.87N	92.24E	9	5.1	4.8	4.2	5.3	4.5	4.5	4.7	1.6	83	青海省 (325)Qinghai Province
595	10 11	22–23–49.5	35.93N	80.94E	20			3.8					2.5	6	克什米尔——西藏边境地区 (304)Kashmir–Tibet border region
596	11 11	05–07–10.5	36.30N	81.00E	23			4.6					2.5	13	克什米尔——西藏边境地区 (304)Kashmir–Tibet border region
597	12 12	09–33–53.3	26.98N	103.10E	6			3.0					2.5	11	四川省 (307)Sichuan Province
598	13 13	08–58–46.3	38.51N	99.73E	15			3.3					3.4	5	青海省 (325)Qinghai Province
599	14 14	09–27–46.3	47.80N	130.80E	10			3.2					2.7	5	俄罗斯东部——中国东北边境地区 (657)E. Russia–N.E. China border region
600	15 15	00–34–18.9	23.77N	122.71E	29	4.1	4.0	3.9		4.2		4.0	2.0	41	台湾地区 (243)Taiwan region
601	15 16	20–41–03.2	41.90N	79.88E	29			4.1		4.2			2.5	16	吉尔吉斯——新疆边境地区 (320)Kirgiziya–Xinjiang border region
602	16 16	12–10–50.0	25.36N	114.37E	11			3.6					3.2	11	中国东部 (664)Eastern China
603	16 17	22–05–02.2	36.64N	71.04E	155					4.3			1.9	14	兴都库什地区 (718)Hindu Kush region
604	17 18	18–19–08.2	23.51N	121.59E	27			3.3		4.3		4.4	2.4	13	台湾岛 (244)Taiwan
605	17 18	19–36–48.2	28.00N	100.99E	11	4.0		3.9					2.2	28	云南省 (318)Yunnan Province
606	19 19	02–03–39.4	41.45N	79.38E	15			3.7					3.6	10	新疆自治区南部 (321)Southern Xinjiang Province
607	19 19	06–05–52.2	46.84N	85.60E	15	5.5	4.9	5.9	5.1	5.0			2.1	72	新疆自治区北部 (332)Northern Xinjiang Province
608	19 19	08–24–20.9	31.51N	109.11E	2			3.4					2.2	15	四川省 (307)Sichuan Province
609	19 19	12–39–13.6	22.95N	123.94E	23	4.1	4.1	3.8		4.4			1.9	35	台湾东南以远地区 (247)South–east of Taiwan
610	20 20	05–06–26.8	30.55N	79.54E	31			4.4		4.1		4.2	2.0	30	西藏——印度边境地区 (305)Tibet–India border region
611	20 20	09–19–30.8	36.46N	71.41E	26			4.8		4.7		4.8	2.3	21	兴都库什地区 (718)Hindu Kush region
612	20 21	21–28–28.7	37.16N	114.75E	23	4.1	4.0	4.1					2.4	33	中国东部 (664)Eastern China

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613	20 21	23-23-35.4	27.22N	100.16E	13			3.1				2.6	13	云南省 (318)Yunnan Province
614	21 22	22-23-36.5	37.51N	114.89E	21	4.0		4.0				2.0	29	中国东北部 (658)North-Eastern China
615	22 22	03-53-42.2	25.59N	91.35E	5			4.4		4.3		1.5	29	印度——孟加拉边境地区 (315)India-Bangladesh border region
616	22 23	18-56-23.9	42.48N	83.23E	29			3.6				2.8	10	新疆自治区南部 (321)Southern Xinjiang Province
617	23 23	01-57-36.7	31.52N	92.12E	9							3.3	5	西藏自治区 (306)Tibet
618	24 24	12-41-33.2	14.46N	119.74E	42		3.9			4.4	4.4	2.1	16	菲律宾群岛地区 (248)Philippine Islands region
619	24 25	17-45-23.4	38.55N	75.10E	33	4.5	4.3	5.0	5.3	4.7	4.7	1.9	86	塔吉克——新疆边境地区 (719)Tadzhikistan-Xinjiang border region
620	25 25	09-40-45.8	42.87N	87.81E	33			3.3				4.0	6	新疆自治区北部 (332)Northern Xinjiang Province
621	25 25	13-24-54.7	42.34N	82.95E	6			4.0				2.8	13	新疆自治区南部 (321)Southern Xinjiang Province
622	25 26	18-22-34.2	42.90N	83.51E	21			3.3				3.0	9	新疆自治区北部 (332)Northern Xinjiang Province
623	26 26	03-41-19.2	38.49N	75.40E	29			4.4		4.2	4.0	2.6	22	塔吉克——新疆边境地区 (719)Tadzhikistan-Xinjiang border region
624	26 26	08-26-02.3	41.62N	123.89E	38			3.2				3.4	7	中国东北部 (658)North-Eastern China
625	26 26	10-18-42.6	24.17N	121.59E	26	3.9	3.6	4.3		5.0	4.5	2.2	30	台湾岛 (244)Taiwan
626	26 27	23-34-18.1	40.38N	106.42E	22			3.4				2.4	12	中国北部 (323)Northern China
627	27 27	13-09-31.9	24.57N	120.89E	5			3.4				1.4	7	台湾岛 (244)Taiwan
628	28 28	10-35-02.0	29.39N	104.14E	13			3.2				3.8	11	四川省 (307)Sichuan Province
629	28 28	14-51-18.4	36.15N	100.35E	13	3.7	3.7	4.0				2.5	25	青海省 (325)Qinghai Province
630	29 29	07-40-41.9	24.50N	121.30E	5	3.5	3.6	3.5		4.2		1.7	10	台湾岛 (244)Taiwan
631	29 30	16-52-10.9	38.37N	106.19E	11			3.4				2.9	15	中国北部 (323)Northern China
632	29 30	22-34-05.4	23.33N	100.21E	27			3.2				2.4	8	缅甸——中国边境地区 (297)Burma-China border region
633	30 30	14-32-12.4	34.58N	97.37E	33	4.2	4.0	4.1		4.2	4.3	2.9	31	青海省 (325)Qinghai Province
634	30 30	15-25-15.5	43.87N	88.10E	25			3.1				3.2	7	新疆自治区北部 (332)Northern Xinjiang Province
635	31 31	03-36-36.2	38.53N	103.89E	13			3.5				3.3	7	甘肃省 (322)Gansu Province
636	31 31	04-03-15.3	40.06N	77.78E	22	4.3		4.4				2.6	17	新疆自治区南部 (321)Southern Xinjiang Province

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637	1 1	00-06-30.8	35.58N	122.81E	10			3.4				3.4	9	黄海 (665)Yellow Sea

638	1 1	11–39–41.4	37.76N	73.34E	21			4.4		4.2			2.2	10	塔吉克 (715)Tadzhikistan
639	1 1	12–23–54.6	26.49N	105.51E	15			3.2					2.4	14	中国东部 (664)Eastern China
640	1 2	20–17–45.5	38.71N	119.70E	18	3.5	3.5	3.9				3.6	2.7	28	中国东北部 (658)North–Eastern China
641	1 2	21–04–52.4	23.58N	100.26E	16			3.4					3.5	7	缅甸——中国边境地区 (297)Burma–China border region
642	2 2	11–05–52.1	37.46N	95.43E	27	5.0	4.8	3.9	5.2	5.3	4.5	5.5	1.3	267	青海省 (325)Qinghai Province
643	3 3	10–30–48.8	41.14N	78.29E	20			3.7					3.2	9	吉尔吉斯——新疆边境地区 (320)Kirgiziya–Xinjiang border region
644	4 4	12–59–44.9	23.61N	121.42E	9	4.2	4.0	4.5		4.4		4.4	1.9	47	台湾岛 (244)Taiwan
645	4 5	22–14–50.5	21.74N	121.29E	28	3.8	3.9	4.1	4.5	3.9	4.5		1.8	54	台湾地区 (243)Taiwan region
646	5 5	03–17–30.2	34.34N	122.61E	14	4.0	3.3	4.1					2.3	15	黄海 (665)Yellow Sea
647	5 5	10–59–55.8	23.59N	100.62E	10			3.5					2.4	6	云南省 (318)Yunnan Province
648	6 6	02–21–58.0	40.50N	76.76E	5			3.9					4.6	5	吉尔吉斯——新疆边境地区 (320)Kirgiziya–Xinjiang border region
649	7 7	00–06–02.8	29.24N	90.23E	13	4.0	4.2						3.6	11	西藏自治区 (306)Tibet
650	7 7	00–54–56.0	43.34N	94.47E	12		3.4	3.9					2.5	11	新疆自治区北部 (332)Northern Xinjiang Province
651	8 8	08–08–51.1	23.73N	102.67E	19			3.6					3.2	14	云南省 (318)Yunnan Province
652	8 9	16–28–33.8	34.52N	94.28E	23	4.0	3.6	4.5	4.4				2.7	21	青海省 (325)Qinghai Province
653	8 9	16–52–04.8	35.49N	122.81E	33	3.8		3.7					1.9	11	黄海 (665)Yellow Sea
654	8 9	18–02–07.5	23.84N	121.25E	5	3.8		3.5					1.3	11	台湾岛 (244)Taiwan
655	8 9	21–23–29.7	31.01N	103.71E	12			3.2					2.4	7	四川省 (307)Sichuan Province
656	8 9	23–54–41.1	36.65N	98.61E	25	4.4	4.3	5.1	4.6				2.0	80	青海省 (325)Qinghai Province
657	9 9	00–11–26.0	29.60N	128.66E	241				4.8			4.8	1.3	100	中国东海 (234)East China Sea
658	9 9	00–35–35.7	29.89N	95.30E	13	4.1	4.0	3.8	4.5				2.5	24	印度——中国边境地区 (313)India–China border region
659	9 9	02–40–30.4	41.94N	84.90E	24	4.0	3.9	4.1	4.5			4.5	1.7	51	新疆自治区南部 (321)Southern Xinjiang Province
660	9 9	10–01–43.1	42.54N	85.13E	18			3.8					3.0	8	新疆自治区北部 (332)Northern Xinjiang Province
661	9 10	20–57–49.9	22.59N	120.99E	10	4.1	3.9	4.1	4.3			4.3	2.1	48	台湾岛 (244)Taiwan
662	9 10	21–54–50.4	28.89N	94.95E	33	4.5	4.5	4.4	4.7			4.8	1.7	95	印度——中国边境地区 (313)India–China border region
663	10 10	01–55–35.6	24.65N	121.39E	5			3.0					1.9	6	台湾岛 (244)Taiwan

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664	10 10	03–09–00.8	38.05N	115.36E	27			3.1					2.9	18	中国东北部 (658)North–Eastern China
665	10 10	13–27–37.8	25.19N	121.96E	5	3.8		3.6					2.0	12	台湾岛 (244)Taiwan
666	12 12	00–33–29.2	54.93N	111.28E	23	5.3	5.1		5.4	5.0	4.9	5.1	1.4	209	贝加尔湖地区 (327)Lake Baykal region
667	12 12	12–22–06.9	31.60N	118.61E	11			3.7					1.8	16	中国东部 (664)Eastern China
668	12 13	23–06–30.5	29.74N	95.64E	36	4.1	3.9	3.8		4.5		4.6	2.2	43	印度——中国边境地区 (313)India–China border region
669	13 13	05–48–54.4	37.30N	84.53E	11			3.7					3.0	8	新疆自治区南部 (321)Southern Xinjiang Province
670	14 14	13–16–38.7	40.23N	105.02E	21	5.1	4.7	5.3		5.0	4.5	5.1	1.5	184	中国北部 (323)Northern China
671	15 15	11–36–50.7	36.12N	100.38E	15			3.8					2.7	9	青海省 (325)Qinghai Province
672	15 15	15–55–18.6	40.36N	104.92E	22			3.7					2.8	13	中国北部 (323)Northern China
673	16 16	05–48–10.3	46.27N	121.77E	21	3.8	3.5	4.1					2.1	16	中国东北部 (658)North–Eastern China
674	16 16	07–46–34.3	42.44N	121.41E	23			3.0					0.9	7	中国东北部 (658)North–Eastern China
675	16 16	07–49–38.1	47.94N	85.06E	13			3.4					3.0	5	哈萨克——新疆边境地区 (331)Kazakhstan–Xinjiang border region
676	16 17	22–53–45.4	38.04N	115.37E	16			3.1					2.2	12	中国东北部 (658)North–Eastern China
677	17 18	18–53–22.7	43.13N	88.07E	24	4.4	4.1	5.0		4.9		4.8	2.2	54	新疆自治区北部 (332)Northern Xinjiang Province
678	18 18	07–01–30.9	24.31N	123.25E	27		3.5	4.0		4.5		4.6	1.8	34	台湾地区 (243)Taiwan region
679	18 18	13–05–41.8	24.61N	122.93E	121					5.0		5.0	1.4	126	台湾地区 (243)Taiwan region
680	18 19	16–19–12.5	23.86N	121.36E	61			3.4					1.3	7	台湾岛 (244)Taiwan
681	19 19	04–23–57.1	26.30N	92.14E	32	4.1				4.8		4.7	2.0	43	印度——孟加拉边境地区 (315)India–Bangladesh border region
682	19 19	06–52–47.3	47.69N	122.58E	9			3.4					2.5	10	中国东北部 (658)North–Eastern China
683	19 20	18–25–53.2	24.85N	99.02E	18	3.7		3.4					1.9	10	缅甸——中国边境地区 (297)Burma–China border region
684	19 20	23–00–24.4	40.58N	122.68E	16			3.3					1.7	11	中国东北部 (658)North–Eastern China
685	20 20	09–37–42.5	44.95N	90.39E	35	4.5	4.3	4.9		4.6		4.8	2.0	57	新疆自治区北部 (332)Northern Xinjiang Province
686	20 20	09–52–10.8	39.38N	114.06E	14			3.9					1.9	23	中国东北部 (658)North–Eastern China
687	20 20	11–16–12.0	36.19N	100.09E	23	5.2	5.0	5.0	5.1	5.2	5.0	5.5	1.5	265	青海省 (325)Qinghai Province
688	20 21	22–36–43.5	38.08N	101.41E	3			3.3					3.1	9	青海省 (325)Qinghai Province
689	20 21	22–57–15.1	44.04N	86.90E	13			3.4					2.2	10	新疆自治区北部 (332)Northern Xinjiang Province

690	21 21	00–52–07.8	23.90N	122.12E	8			3.4				2.7	7	台湾岛 (244)Taiwan
691	21 21	14–30–47.8	41.72N	81.03E	13			3.1				2.0	7	新疆自治区南部 (321)Southern Xinjiang Province
692	21 21	15–37–04.4	23.86N	114.49E	15	4.5	3.9	4.9	4.4	4.2	1.6		36	中国东南沿海 (242)Near south–eastern coast of China
693	23 23	12–18–15.2	41.43N	121.84E	28			3.0				2.9	8	中国东北部 (658)North–Eastern China
694	25 25	08–24–13.8	30.07N	99.51E	13			3.3				2.6	8	四川省 (307)Sichuan Province
695	25 26	16–04–59.5	14.86N	119.78E	34				4.6	4.7	1.6		34	吕宋岛 (249)Luzon
696	25 26	20–19–05.9	40.44N	122.39E	19			3.3				2.4	10	中国东北部 (658)North–Eastern China
697	26 26	07–22–40.0	44.26N	81.10E	10			3.5				3.9	7	哈萨克——新疆边境地区 (331)Kazakhstan–Xinjiang border region
698	26 26	15–56–49.2	24.28N	121.71E	5			3.7				2.1	9	台湾岛 (244)Taiwan
699	26 27	16–55–16.1	24.48N	103.23E	11			3.4				2.4	12	云南省 (318)Yunnan Province
700	26 27	18–18–09.9	44.00N	87.10E	13			3.2				1.8	8	新疆自治区北部 (332)Northern Xinjiang Province
701	26 27	23–55–51.6	23.90N	102.38E	16	3.7		3.9	4.0			1.9	23	云南省 (318)Yunnan Province
702	27 27	07–39–54.8	34.65N	98.87E	30	4.4	4.3	4.6	4.6	4.7	1.9		42	青海省 (325)Qinghai Province
703	28 28	00–37–50.4	40.06N	117.01E	8			3.6				2.4	18	中国东北部 (658)North–Eastern China
704	28 28	03–27–09.6	39.93N	106.32E	30	3.6	3.3	3.9				2.0	17	中国北部 (323)Northern China
705	28 28	10–48–09.8	40.09N	117.04E	12	3.5	3.5	3.6				2.2	19	中国东北部 (658)North–Eastern China
706	30 30	01–01–31.5	43.13N	112.46E	20	5.3	5.0	5.6	5.4	4.9	4.9	1.5	118	中国东北部 (658)North–Eastern China
707	30 30	09–44–43.0	22.59N	121.49E	33	5.2	5.1	5.4	5.4	5.4	5.2 5.5	1.4	233	台湾岛 (244)Taiwan
708	30 1	16–33–05.3	37.83N	101.42E	20	5.2	4.9	4.9	4.8	5.1	4.5 5.3	1.5	178	青海省 (325)Qinghai Province
709	30 1	17–31–10.8	23.74N	121.70E	22	4.3	4.2	4.6		4.4	4.4	1.9	63	台湾岛 (244)Taiwan
710	30 1	17–47–35.1	37.99N	101.54E	19			3.4				2.7	7	青海省 (325)Qinghai Province

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711	1 1	13–23–45.3	23.96N	121.70E	26	4.2	3.6	4.4	4.4	4.3	1.8		53	台湾岛 (244)Taiwan
712	1 2	17–00–53.2	34.14N	113.43E	9			3.5				1.8	18	中国东部 (664)Eastern China
713	2 3	18–24–08.2	27.57N	100.81E	16			3.0				2.6	8	云南省 (318)Yunnan Province
714	4 5	21–44–40.5	39.20N	118.09E	14			3.7				2.4	22	中国东北部 (658)North–Eastern China

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715	6 6	09–48–56.2	37.89N	101.61E	10	4.1	3.9	4.2					2.3	25	青海省 (325)Qinghai Province
716	6 6	10–50–44.2	21.35N	104.21E	10	5.3	4.7	5.1	5.0	4.7	4.5	1.9	86	印度支那半岛 (299)Indo–Pacific Peninsula
717	6 6	12–18–12.2	37.82N	101.46E	9	4.1	4.1	4.2		4.1	4.1	2.3	33	青海省 (325)Qinghai Province
718	6 6	15–30–27.4	38.17N	101.65E	10			3.6				2.3	8	青海省 (325)Qinghai Province
719	6 7	18–03–29.7	17.66N	119.20E	34	4.2	4.2			4.4	4.3	1.1	35	菲律宾群岛地区 (248)Philippine Islands region
720	6 7	23–25–21.5	37.79N	115.21E	18			3.8				1.8	23	中国东北部 (658)North–Eastern China
721	7 7	00–43–45.2	40.43N	104.47E	18			3.3				4.4	7	中国北部 (323)Northern China
722	7 7	10–44–26.7	42.82N	127.03E	12			3.5				3.2	13	中国东北部 (658)North–Eastern China
723	8 8	14–48–17.3	23.94N	121.84E	11			4.0	3.7	3.7		1.8	23	台湾岛 (244)Taiwan
724	8 9	18–00–52.8	43.22N	124.76E	14			3.7				2.7	20	中国东北部 (658)North–Eastern China
725	9 9	03–35–42.5	44.46N	80.84E	10	3.8		3.9				2.4	14	哈萨克——新疆边境地区 (331)Kazakhstan–Xinjiang border region
726	9 9	07–33–20.4	27.61N	101.03E	15			3.6				3.0	17	云南省 (318)Yunnan Province
727	9 9	10–25–48.7	31.95N	117.73E	12			3.1				2.1	8	中国东部 (664)Eastern China
728	9 9	12–37–32.7	40.69N	122.79E	14			3.1				2.3	9	中国东北部 (658)North–Eastern China
729	10 10	14–51–30.4	43.28N	112.40E	5			3.3				2.1	11	中国东北部 (658)North–Eastern China
730	11 11	02–26–29.3	22.00N	104.96E	7	4.5		4.1		4.5	4.1	3.2	17	印度支那半岛 (299)Indo–Pacific Peninsula
731	11 11	05–42–35.0	24.88N	122.00E	21			3.8		4.1	4.2	3.3	10	台湾岛 (244)Taiwan
732	12 12	00–21–06.6	36.38N	103.68E	9			3.2				2.8	5	甘肃省 (322)Gansu Province
733	12 12	05–08–39.3	22.84N	121.47E	29	4.7	4.7	4.8	5.0	5.0	4.8	5.1	1.7	136	台湾岛 (244)Taiwan
734	12 12	12–23–44.4	37.88N	101.18E	12	4.2	3.9	4.4		4.2	4.3	2.3	39	青海省 (325)Qinghai Province
735	12 12	12–32–51.1	37.93N	101.24E	2			3.4				2.1	6	青海省 (325)Qinghai Province
736	12 12	13–52–10.6	21.60N	119.88E	13	3.8		3.6		4.2	4.2	1.8	17	台湾地区 (243)Taiwan region
737	12 12	15–24–50.8	39.81N	113.78E	6			3.6				1.6	19	中国东北部 (658)North–Eastern China
738	13 13	03–34–45.4	40.50N	77.92E	17			3.5				4.2	6	吉尔吉斯——新疆边境地区 (320)Kirgiziya–Xinjiang border region
739	13 14	23–18–44.8	35.45N	104.99E	18			3.3				1.9	9	甘肃省 (322)Gansu Province
740	14 14	08–18–27.9	23.97N	122.75E	33	3.9	3.8	4.1		4.4	4.3	1.5	35	台湾地区 (243)Taiwan region

741	15 16	17–19–24.7	40.17N	78.04E	25			3.6						4.7	5	新疆自治区南部 (321)Southern Xinjiang Province
742	15 16	19–10–59.5	30.55N	79.25E	25				4.4	4.5	1.5			51	印度北部 (308)Northern India
743	15 16	20–20–10.8	43.86N	86.94E	29	4.5	3.6	4.3	4.2	4.3	2.2			41	新疆自治区北部 (332)Northern Xinjiang Province
744	15 16	23–15–28.3	40.71N	106.06E	10			3.7						2.4	13	中国北部 (323)Northern China
745	16 17	18–19–42.7	39.67N	118.62E	13	3.9		3.9						2.0	28	中国东北部 (658)North–Eastern China
746	17 17	09–16–28.2	17.94N	119.88E	33	4.3			4.6	4.3	2.2			17	菲律宾群岛地区 (248)Philippine Islands region
747	18 18	03–52–07.8	23.95N	121.57E	3	4.4	4.5	4.5	4.4					1.8	45	台湾岛 (244)Taiwan
748	18 19	17–37–24.9	35.65N	118.83E	6			3.5						2.9	10	中国东部 (664)Eastern China
749	19 19	04–19–01.5	28.59N	103.77E	7			3.4						2.1	15	四川省 (307)Sichuan Province
750	19 19	10–29–27.0	40.27N	104.66E	7			3.5						2.0	13	中国北部 (323)Northern China
751	19 20	21–23–13.5	30.83N	78.78E	9	6.8	6.6		6.7	6.3	7.0	6.5	1.1	554	印度北部 (308)Northern India
752	19 20	22–41–14.9	30.79N	78.67E	17	4.8	4.7			4.7	4.6	4.8	1.3	56	印度北部 (308)Northern India
753	20 20	04–20–28.9	30.85N	78.70E	32	4.0	4.4			4.4		4.5	1.5	37	印度北部 (308)Northern India
754	20 20	05–32–26.2	30.84N	78.66E	26	4.2	3.9		5.1	4.7		4.9	0.9	101	印度北部 (308)Northern India
755	20 20	07–56–31.4	30.67N	78.74E	23					4.2		4.2	2.2	13	印度北部 (308)Northern India
756	20 20	13–50–05.5	36.10N	100.40E	15			3.6						2.3	8	青海省 (325)Qinghai Province
757	20 21	19–00–14.7	36.04N	80.87E	20			4.0						2.8	7	克什米尔——西藏边境地区 (304)Kashmir–Tibet border region
758	21 21	05–26–11.8	44.40N	80.74E	11			4.1						2.7	13	哈萨克——新疆边境地区 (331)Kazakhstan–Xinjiang border region
759	21 22	20–23–53.9	23.93N	121.42E	4			3.5						1.9	7	台湾岛 (244)Taiwan
760	22 22	00–03–01.4	37.47N	103.28E	12			3.6						2.6	9	青海省 (325)Qinghai Province
761	22 22	07–05–53.2	41.14N	78.86E	8			3.7						3.1	6	新疆自治区南部 (321)Southern Xinjiang Province
762	23 23	00–08–52.0	32.98N	103.92E	9			3.2						2.6	9	四川省 (307)Sichuan Province
763	23 23	08–46–39.9	40.74N	109.48E	5			3.0						2.7	7	中国北部 (323)Northern China
764	23 24	17–19–48.0	38.44N	73.61E	28			4.1	5.0	4.7	3.0			19		塔吉克 (715)Tadzhikistan
765	23 24	18–11–29.0	27.65N	103.57E	11	3.9	3.8	3.7						2.4	23	云南省 (318)Yunnan Province
766	24 24	12–06–11.0	23.03N	121.43E	10	3.7	3.5	4.0		4.2	2.4			15		台湾岛 (244)Taiwan

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767	24 25	18–01–00.4	26.63N	103.08E	13	3.6		3.3			3.0	18	四川省 (307)Sichuan Province
768	25 25	05–48–14.2	24.61N	117.60E	8			3.5			2.4	9	中国东南沿海 (242)Near south-eastern coast of China
769	25 25	14–40–39.7	23.87N	122.99E	26	4.9	4.6	4.8	5.1	4.9	1.6	75	台湾地区 (243)Taiwan region
770	25 25	15–22–24.0	26.34N	102.78E	20			3.6			2.6	14	云南省 (318)Yunnan Province
771	27 27	00–08–44.1	22.81N	118.00E	8			3.9			3.4	7	台湾地区 (243)Taiwan region
772	27 28	22–19–24.2	38.06N	93.41E	5		4.6	3.4			3.1	6	青海省 (325)Qinghai Province
773	28 29	18–43–23.9	31.64N	102.48E	8			4.0		4.9	2.3	26	四川省 (307)Sichuan Province
774	29 29	02–13–30.1	27.29N	100.95E	4			3.3			2.7	8	云南省 (318)Yunnan Province
775	29 30	16–30–18.7	37.23N	106.01E	19	4.4	4.1	4.7		4.4	2.1	51	中国北部 (323)Northern China
776	30 30	07–58–37.3	35.98N	106.46E	4			3.1			3.3	7	甘肃省 (322)Gansu Province
777	31 31	10–29–21.8	39.07N	99.54E	17	3.9	4.1	4.5			2.4	19	青海省 (325)Qinghai Province

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778	3 3	00–02–26.3	28.31N	104.03E	33	4.5	4.1	4.4	4.8	4.5	2.1	64	云南省 (318)Yunnan Province
779	3 3	04–17–14.2	23.37N	121.81E	17	4.2	3.7	4.3	4.5	4.3	2.2	48	台湾地区 (243)Taiwan region
780	3 3	05–39–04.4	40.12N	73.05E	12			3.9	4.6	4.5	1.9	22	吉尔吉斯 (716)Kirgiziya
781	4 5	21–12–10.7	23.73N	121.81E	2	4.1	4.3	4.2	4.3	4.2	2.0	43	台湾岛 (244)Taiwan
782	5 5	08–47–21.7	33.60N	119.96E	25	4.6	3.9	4.8	4.6		1.7	54	中国东部 (664)Eastern China
783	5 5	09–36–34.8	24.14N	121.79E	30		3.5	4.0	4.5	4.7	1.6	19	台湾岛 (244)Taiwan
784	6 6	01–09–43.8	24.43N	99.15E	6			3.0			3.8	5	缅甸---中国边境地区 (297)Burma–China border region
785	6 6	02–46–11.0	40.88N	73.99E	33	4.1	4.0	4.7	4.6	4.0 4.7	1.7	67	吉尔吉斯 (716)Kirgiziya
786	6 6	09–57–10.4	31.60N	102.39E	13			3.7			2.2	16	四川省 (307)Sichuan Province
787	6 6	10–30–39.9	36.12N	106.09E	18			3.7			2.5	20	甘肃省 (322)Gansu Province
788	7 7	09–34–30.0	42.63N	113.17E	8			3.1			4.9	5	中国东北部 (658)North–Eastern China
789	7 7	12–14–23.6	23.95N	121.68E	8			3.6			2.0	12	台湾岛 (244)Taiwan
790	7 8	22–40–29.3	25.06N	99.23E	12			3.2			1.7	8	缅甸---中国边境地区 (297)Burma–China border region
791	7 8	23–26–13.7	40.16N	78.25E	5			3.3			3.3	8	新疆自治区南部 (321)Southern Xinjiang Province

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792	8 8	07–10–29.5	38.44N	73.23E	18			4.8	4.1	4.1	3.3	17	塔吉克 (715)Tadzhikistan
793	8 8	09–54–47.8	23.53N	117.53E	32			4.0	4.6		2.9	10	中国东南沿海 (242)Near south–eastern coast of China
794	8 9	21–59–56.6	24.46N	122.83E	5			3.8	4.2		2.3	22	台湾地区 (243)Taiwan region
795	9 9	05–14–58.5	37.50N	112.35E	10		3.5	4.3	4.6	4.4	2.5	34	中国东北部 (658)North–Eastern China
796	9 9	11–17–04.6	43.54N	84.40E	9	4.1	3.9	4.5	4.4	4.3	2.2	33	新疆自治区北部 (332)Northern Xinjiang Province
797	9 9	11–36–17.7	43.63N	84.27E	24			3.2			3.8	5	新疆自治区北部 (332)Northern Xinjiang Province
798	9 9	13–11–06.4	43.64N	84.24E	18			3.0			1.7	5	新疆自治区北部 (332)Northern Xinjiang Province
799	10 10	07–06–40.1	36.04N	81.10E	25			3.8			2.5	5	克什米尔——西藏边境地区 (304)Kashmir–Tibet border region
800	10 10	12–30–40.8	41.76N	88.52E	18			3.5			3.8	5	新疆自治区南部 (321)Southern Xinjiang Province
801	10 11	19–09–32.0	35.07N	115.20E	8			3.1			2.6	14	中国东部 (664)Eastern China
802	10 11	22–32–19.5	43.33N	97.44E	11			3.8			3.0	8	甘肃省 (322)Gansu Province
803	10 11	23–26–13.3	38.46N	99.87E	12			3.4			3.4	8	青海省 (325)Qinghai Province
804	10 11	23–43–58.5	38.44N	99.88E	16			3.2			2.6	6	青海省 (325)Qinghai Province
805	11 11	01–33–33.4	40.71N	122.75E	10			3.6			2.4	15	中国东北部 (658)North–Eastern China
806	11 11	13–42–45.6	26.40N	92.89E	31			3.9	4.2	4.4	2.5	19	印度——孟加拉边境地区 (315)India–Bangladesh border region
807	13 13	00–43–43.3	24.20N	123.58E	57			3.7	4.4	4.4	1.5	31	琉球群岛西南部 (246)South–western Ryukyu Islands
808	13 13	02–30–42.7	38.22N	76.26E	141						1.2	7	塔吉克——新疆边境地区 (719)Tadzhikistan–Xinjiang border region
809	13 14	17–36–39.5	39.29N	122.67E	10			3.2			1.3	9	中国东北部 (658)North–Eastern China
810	14 14	04–20–33.7	35.88N	80.78E	26			4.6	4.2	4.2	2.1	26	克什米尔——西藏边境地区 (304)Kashmir–Tibet border region
811	14 14	15–13–18.0	42.39N	79.95E	16			3.0			1.1	6	吉尔吉斯——新疆边境地区 (320)Kirgiziya–Xinjiang border region
812	15 15	04–34–40.4	38.55N	101.88E	4			3.6			2.3	7	甘肃省 (322)Gansu Province
813	15 16	20–33–23.1	44.11N	83.44E	10			3.4			2.1	7	新疆自治区北部 (332)Northern Xinjiang Province
814	16 16	01–03–52.6	23.97N	122.82E	31		3.2	3.7	4.3	4.2	1.8	28	台湾地区 (243)Taiwan region
815	16 17	17–48–36.1	41.65N	81.56E	20			3.3			3.0	10	新疆自治区南部 (321)Southern Xinjiang Province
816	16 17	18–21–41.5	36.29N	81.14E	17			4.5	4.4		2.4	13	克什米尔——西藏边境地区 (304)Kashmir–Tibet border region
817	17 17	03–40–06.2	23.21N	98.09E	33			3.1			2.7	6	缅甸 (296)Burma

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818	17 18	20-21-49.7	22.92N	99.63E	33	4.2		4.0		4.2			2.1	10	缅甸——中国边境地区 (297)Burma-China border region
819	19 19	01-04-17.0	32.44N	93.66E	33	4.1	4.1	3.8		4.5		4.9	2.3	41	西藏自治区 (306)Tibet
820	20 20	03-19-15.7	23.82N	121.71E	7	3.9		4.0		4.3		4.0	1.4	26	台湾岛 (244)Taiwan
821	21 21	04-07-19.2	26.65N	96.40E	85	4.0	3.9			4.9		4.9	1.3	124	缅甸——印度边境地区 (294)Burma-India border region
822	21 21	13-37-39.6	33.82N	90.35E	22	4.6	4.3		5.0	4.4		4.3	1.8	30	西藏自治区 (306)Tibet
823	21 22	16-53-11.0	23.97N	119.55E	17	3.5	3.3	3.9					2.4	14	台湾地区 (243)Taiwan region
824	24 24	07-35-25.3	34.00N	88.83E	31	3.9	3.9			4.3		4.7	1.7	16	西藏自治区 (306)Tibet
825	24 25	22-19-22.6	49.75N	118.17E	10			3.8					3.8	10	俄罗斯东部——中国东北边境地区 (657)E. Russia-N.E. China border region
826	25 25	10-08-38.3	34.02N	88.86E	32	4.1	3.8			4.2		4.4	1.8	20	西藏自治区 (306)Tibet
827	25 25	10-29-06.1	23.02N	121.79E	20	4.1	4.1	4.3		4.4		4.2	2.2	50	台湾地区 (243)Taiwan region
828	26 26	15-31-13.3	34.01N	88.83E	33	3.9	4.0			4.0		4.1	1.6	19	西藏自治区 (306)Tibet
829	26 27	21-15-59.8	34.09N	94.14E	33	4.5	4.2	4.4		4.5		4.3	2.5	59	青海省 (325)Qinghai Province
830	27 28	17-18-22.0	35.83N	81.05E	13			4.1					2.6	9	克什米尔——西藏边境地区 (304)Kashmir-Tibet border region
831	29 29	14-58-47.7	25.98N	98.71E	6			3.3					2.6	8	缅甸——中国边境地区 (297)Burma-China border region
832	29 30	23-20-16.7	40.21N	97.83E	6	3.6		4.4		4.5			2.6	19	甘肃省 (322)Gansu Province
833	30 30	00-43-13.6	39.87N	116.15E	14			3.2					2.1	15	中国东北部 (658)North-Eastern China
834	30 30	15-00-34.8	29.05N	94.92E	15			3.9		4.5			2.4	17	印度——中国边境地区 (313)India-China border region

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835	1 1	01-47-55.0	30.80N	103.77E	16			3.4		3.9			2.7	10	四川省 (307)Sichuan Province
836	2 2	06-14-12.6	23.19N	121.76E	33	4.7	4.5	4.8	5.4	4.9	4.4	4.9	1.5	131	台湾地区 (243)Taiwan region
837	2 2	10-48-52.5	25.06N	101.44E	17			3.1					2.1	11	云南省 (318)Yunnan Province
838	2 2	12-25-31.8	21.47N	111.77E	16			3.8					3.6	7	中国东部 (664)Eastern China
839	2 3	17-49-40.5	38.97N	97.88E	8	3.9		3.9					2.4	15	青海省 (325)Qinghai Province
840	2 3	19-45-37.0	32.04N	94.59E	46	4.1	4.1	4.2		4.3		4.4	1.9	38	西藏自治区 (306)Tibet
841	3 3	01-14-17.3	38.57N	116.01E	11			3.0					3.0	10	中国东北部 (658)North-Eastern China
842	4 4	03-10-27.6	33.19N	103.75E	16			3.5					2.4	14	四川省 (307)Sichuan Province

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843	5 5	15–48–20.9	22.65N	121.40E	18	4.6	4.5	4.6		4.7	4.7	4.6	1.6	113	台湾岛 (244)Taiwan	
844	6 6	15–27–03.2	38.19N	87.43E	18			3.3					3.7	6	新疆自治区南部 (321)Southern Xinjiang Province	
845	7 7	11–48–40.8	37.09N	95.74E	23			3.7					4.0	7	青海省 (325)Qinghai Province	
846	7 8	23–56–12.9	43.25N	82.75E	31			3.9					2.4	10	新疆自治区北部 (332)Northern Xinjiang Province	
847	8 8	08–09–58.3	23.63N	114.73E	10			3.0					1.3	5	中国东南沿海 (242)Near south–eastern coast of China	
848	8 8	11–18–00.7	47.05N	85.27E	34			3.8					4.4	6	哈萨克——新疆边境地区 (331)Kazakhstan–Xinjiang border region	
849	8 9	22–23–31.0	24.00N	122.48E	18	4.5	4.4	4.5		4.6	4.2	4.6	1.6	96	台湾岛 (244)Taiwan	
850	9 9	01–02–46.5	29.57N	81.61E	32	4.9	4.6	5.2	5.3	5.5	4.6	5.6	1.1	359	尼泊尔 (310)Nepal	
851	9 9	05–56–00.6	33.51N	93.93E	14	4.2	4.1	5.0		4.8			3.2	21	青海省 (325)Qinghai Province	
852	9 9	14–35–24.3	23.83N	122.56E	23			3.6		4.1			1.5	13	台湾地区 (243)Taiwan region	
853	10 10	07–30–15.6	24.06N	122.51E	19	4.5	4.4	4.5	4.6	4.5		4.5	1.7	60	台湾地区 (243)Taiwan region	
854	10 10	07–43–19.5	24.01N	122.52E	10	4.3	4.2	4.3		4.5		4.5	1.7	45	台湾地区 (243)Taiwan region	
855	10 10	07–51–10.3	23.90N	122.67E	29		3.4	3.8		4.5			1.9	9	台湾地区 (243)Taiwan region	
856	10 10	08–12–27.0	24.05N	122.42E	5		3.4	3.6		3.9		3.8	1.7	20	台湾岛 (244)Taiwan	
857	11 11	01–09–29.4	35.71N	79.95E	9			3.8					3.0	9	克什米尔——西藏边境地区 (304)Kashmir–Tibet border region	
858	12 12	11–50–27.0	39.12N	111.70E	19			3.1					2.4	7	中国东北部 (658)North–Eastern China	
859	12 12	15–44–46.2	33.32N	93.92E	21			4.1					4.0	6	西藏自治区 (306)Tibet	
860	12 13	18–54–57.4	34.66N	79.60E	29	4.2	3.7	4.2		4.4			1.5	45	克什米尔——西藏边境地区 (304)Kashmir–Tibet border region	
861	13 14	21–37–29.7	47.74N	130.65E	13			4.1		4.6			1.7	16	俄罗斯东部——中国东北边境地区 (657)E. Russia–N.E. China border region	
862	14 14	08–20–22.3	33.93N	88.88E	28	4.9	4.7		5.3	4.9	4.6	5.1	1.9	93	西藏自治区 (306)Tibet	
863	14 14	14–12–01.0	23.93N	123.03E	19		3.4	3.6		4.0		3.8	2.8	15	台湾地区 (243)Taiwan region	
864	15 15	04–03–04.1	24.44N	122.56E	18			3.8		4.2			2.3	17	台湾地区 (243)Taiwan region	
865	15 15	13–02–53.8	24.01N	123.55E	67		3.3	3.7		4.3		4.3	1.2	37	琉球群岛西南部 (246)South–western Ryukyu Islands	
866	17 17	01–33–35.0	24.32N	122.37E	19	3.7	3.3	3.8		4.4			1.7	20	台湾岛 (244)Taiwan	
867	17 18	20–27–49.8	33.94N	88.97E	44	4.0	4.0			4.5		4.6	1.8	45	西藏自治区 (306)Tibet	
868	17 18	23–49–54.1	44.42N	83.79E	18	4.4	4.3	5.1		4.8	4.2	4.9	1.5	88	新疆自治区北部 (332)Northern Xinjiang Province	

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869	18 18	09-01-31.2	37.53N	112.54E	11			3.0					2.4	9	中国东北部 (658)North-Eastern China
870	18 18	13-44-03.2	41.33N	87.77E	25	3.8	4.0	4.5		4.3		4.4	2.3	32	新疆自治区南部 (321)Southern Xinjiang Province
871	21 21	01-32-22.7	42.32N	105.59E	35			3.2		4.2			3.3	8	中国北部 (323)Northern China
872	21 22	19-52-44.8	27.91N	88.10E	55	4.4	4.1	3.8		5.0	4.2	4.9	1.5	96	尼泊尔 (310)Nepal
873	21 22	22-09-23.1	23.96N	121.47E	23	3.7		3.9		4.5		4.0	2.2	24	台湾岛 (244)Taiwan
874	22 23	19-34-33.1	26.61N	102.89E	16			3.3					2.7	12	四川省 (307)Sichuan Province
875	23 23	01-58-24.4	33.95N	88.93E	32	4.9	4.7		5.4	5.1	4.6	5.2	1.6	122	西藏自治区 (306)Tibet
876	23 23	02-14-54.1	33.99N	88.95E	33	4.5	4.4			4.8		5.0	1.5	73	西藏自治区 (306)Tibet
877	24 24	02-51-40.1	23.05N	120.69E	15	4.5	4.3	4.7		4.3		4.3	1.8	61	台湾岛 (244)Taiwan
878	24 25	21-27-50.1	29.96N	92.47E	10	4.1	3.8	4.3		4.5			2.1	50	西藏自治区 (306)Tibet
879	25 26	16-01-34.2	33.79N	121.96E	16	3.7	3.7	3.4					2.4	12	黄海 (665)Yellow Sea
880	25 26	20-33-46.2	38.70N	104.67E	12			3.3					2.3	12	中国北部 (323)Northern China
881	26 26	02-23-15.8	26.04N	99.98E	7	3.9	3.7	3.8					3.3	17	云南省 (318)Yunnan Province
882	26 26	13-24-16.9	30.97N	99.62E	18	4.3	4.3	4.4		4.2			2.4	26	四川省 (307)Sichuan Province
883	27 27	13-34-22.0	24.50N	122.74E	17		3.9	3.7		4.2			2.1	25	台湾地区 (243)Taiwan region
884	28 28	12-20-58.2	24.99N	121.23E	6			3.4		4.1			2.0	6	台湾岛 (244)Taiwan
885	28 29	19-52-56.6	23.17N	99.27E	30			3.8					2.5	8	缅甸——中国边境地区 (297)Burma-China border region
886	28 29	21-34-02.6	23.77N	121.83E	7	4.7	4.5	4.6		4.3		4.3	2.0	36	台湾岛 (244)Taiwan
887	28 29	21-58-54.2	23.26N	99.48E	17	4.0		3.9		3.9			3.6	10	缅甸——中国边境地区 (297)Burma-China border region
888	29 29	08-27-54.1	23.39N	99.53E	9			3.3					3.3	6	缅甸——中国边境地区 (297)Burma-China border region
889	31 31	04-47-33.6	24.14N	121.73E	39	3.8	3.9	4.3		4.5		4.3	1.7	41	台湾岛 (244)Taiwan
890	31 31	05-21-40.8	26.36N	100.19E	13			3.5					2.9	14	云南省 (318)Yunnan Province
891	31 1	21-14-15.2	30.78N	99.60E	11	4.5	4.4	4.3		4.3		4.5	2.4	66	四川省 (307)Sichuan Province

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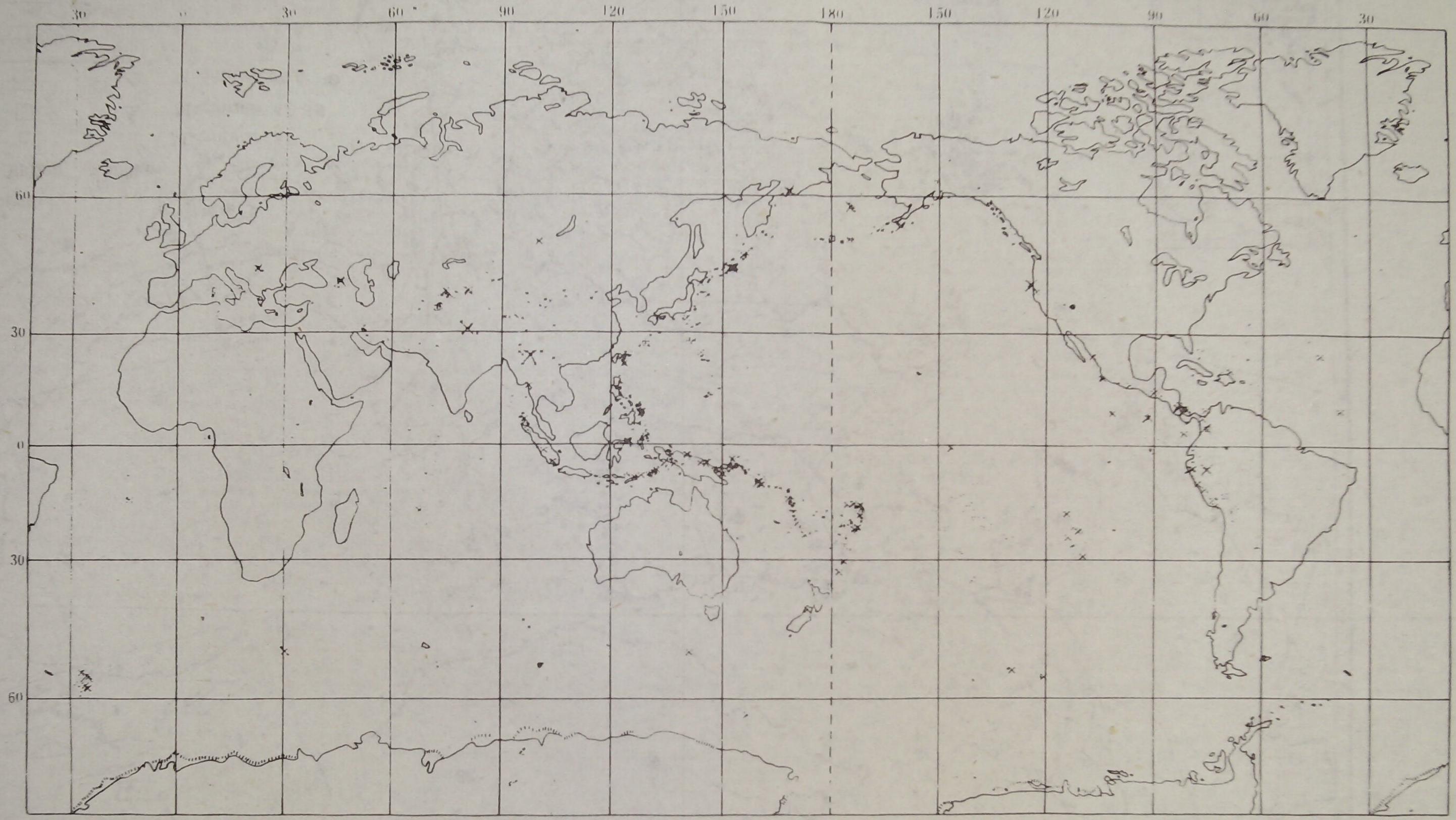
1991 年 震 中 分 布 图

Map of epicentral distribution of 1991



1991年世界地震震中分布图

Epicentral distribution of earthuakes all over the world of 1991

DEPTH

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

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1991年中国及邻区地震震中分布图

Epicentral distribution of earthquakes within and near China in 1991

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1991 年 地 震 数 据

Observed seismological data of 1991

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Sta. code	Δ (deg.)	Az (deg.)	Phase	UTC h	min	s	Resid (s)	T (s)	A (μm)
JAN 1d 00h 06m 31.0 ± 0.04s, SD1.47 / 153									
18.11 N ± 0.79km, 105.81 W ± 0.76km, h30 ± 0.55km									
Off coast of Jalisco, Mexico (54)									
M_S6.5 / 6, m_b5.4 / 21,									
TIY	113.8	328	ePKP	00	25	08.0	0.1		
			LN			M_S = 6.4		16.0	4.10
			LZ			M_S = 6.1		21.0	5.40
WMQ	117.1	349	ePKP	00	25	15.5	1.1		
			PP	00	26	32.5	4.1		
			LE			M_S = 6.8		16.0	9.30
			LZ			M_S = 6.2		32.0	8.50
WHN	118.1	321	ePKP	00	25	16.5	0.4		
LZH	119.2	333	ePKP	00	25	23.5	5.0		
			LN			M_S = 6.9		19.0	13.1
			LZ			M_S = 6.3		22.0	8.00
CD2	123.6	329	ePKP	00	25	31.7	4.8		
			PP	00	27	13.0	0.5		
			LN			M_S = 6.5		16.5	4.20
			LZ			M_S = 6.4		20.0	7.40
GYA	125.6	324	PKP	00	25	30.6	−0.2		
JAN 1d 03h 19m 34.9 ± 0.04s, SD1.35 / 122									
17.97 N ± 0.72km, 105.85 W ± 0.65km, h35 ± 0.58km									
Off coast of Jalisco, Mexico (54)									
m_b5.3 / 26,									
LZH	119.3	333	ePKP	03	38	22.5	0.6		
GYA	125.7	324	PKP	03	38	35.6	1.4		
JAN 1d 10h 42m 51.7 ± 0.04s, SD1.38 / 148									
22.60 N ± 1.00km, 144.69 E ± 0.77km, h24 ± 0.20km									
Volcano Islands region (213)									
M_S4.5 / 13, m_B5.6 / 1, m_b5.2 / 37									
SSE	22.6	297	+P	10	47	51.5	−0.4		
			PMZ			m_b = 5.3		1.0	0.12
			pP	10	48	02.0	2.7		
			S	10	51	56.0	3.4		
			sS	10	52	08.0	2.5		
			LZ			M_S = 4.2		20.0	0.90
NJ2	24.8	298	+P	10	48	11.7	−1.4		
			LZ			M_S = 4.0		18.0	0.45
MDJ	25.2	334	eP	10	48	19.0	1.4		
			LE			M_S = 4.6		14.0	0.96
			LZ			M_S = 4.3		20.0	0.80
DL2	25.5	315	P	10	48	20.0	−0.4		
			PMZ			m_b = 5.3		1.4	0.10
			S	10	52	44.0	0.6		
SNY	26.1	322	−iP	10	48	24.8	−0.8		
			PMZ			m_b = 5.5		0.8	0.10
			pP	10	48	32.2	−0.9		
			S	10	52	55.0	2.4		
			sS	10	53	04.0	−2.0		
			LN			M_S = 4.8		11.0	0.70
			LE					13.0	0.90
			LZ			M_S = 4.4		17.0	0.80
CN2	26.4	328	eP	10	48	32.0	2.9		
			epP	10	48	41.0	4.4		
			LN			M_S = 4.5		12.0	0.30
			LE					12.0	0.60
			LZ			M_S = 4.5		18.0	1.20
BJI	29.7	312	eP	10	48	56.0	−2.8		
			eS	10	53	48.0	−4.5		
			LZ			M_S = 4.4		16.0	0.76
TIY	31.5	306	eP	10	49	15.0	0.4		
			S	10	54	20.5	1.1		
			LN			M_S = 4.5		12.0	0.50
			LZ			M_S = 4.6		15.0	1.00
HHC	33.3	311	−P	10	49	30.3	0.3		
			LZ			M_S = 4.5		22.0	1.00
XAN	33.3	298	−P	10	49	30.2	−0.2		
BTO	34.3	310	eP	10	49	37.5	−1.0		
			esP	10	49	48.5	−1.1		
			LN			M_S = 4.8		15.0	0.70
			LE					15.0	0.60
GYA	34.7	284	P	10	49	46.8	4.3		
			LZ			M_S = 4.4		16.0	0.60
CD2	37.3	292	eP	10	50	03.1	−1.2		
			LZ			M_S = 4.8		16.0	1.20
LZH	37.8	300	+iP	10	50	08.0	−0.4		
			PMZ			m_b = 5.4		1.8	0.13
			PP	10	51	43.0	5.9		
			PcP	10	52	23.0	−1.6		
			eS	10	56	00.0	2.3		
			LE			M_S = 4.5		15.0	0.40
			LZ			M_S = 4.2		30.0	0.63
KMI	38.3	282	+P	10	50	15.0	2.0		
			LZ			M_S = 4.4		24.0	0.70
GTA	41.5	304	+iP	10	50	39.8	0.6		
			PMZ			m_b = 5.3		1.4	0.070
			PMZ			m_B = 5.6		3.5	0.34
			pP	10	50	44.5	−2.4		
			sP	10	50	47.5	−2.8		
			PcS	10	56	26.5	0.1		
			LE			M_S = 4.8		15.0	0.70
			LZ			M_S = 4.6		16.0	0.60
LSA	48.2	290	eP	10	51	35.4	1.9		
WMQ	51.1	309	P	10	51	55.0	0.0		
			PMZ			m_b = 5.5		1.5	0.10
			pP	10	52	02.5	−0.2		
			sP	10	52	04.5	−1.6		
			S	10	59	14.0	5.1		
			LZ			M_S = 4.4		28.0	0.50
JAN 1d 12h 06m 28.8 ± 0.05s, SD1.61 / 48									
36.47 N ± 0.83km, 141.36 E ± 0.45km, h55 ± 0.73km									
Near east coast of Honshu (228)									
m_b5.1 / 6,									
BJI	20.1	288	eP	12	10	59.0	−1.5		
TIY	23.1	282	eP	12	11	30.6	−0.1		
			LZ			M_S = 4.0		18.0	0.50
XAN	26.5	274	P	12	12	04.3	0.6		
GYA	31.1	261	P	12	12	43.6	−1.0		
			pP	12	12	54.0	−3.4		
CD2	31.6	271	eP	12	12	49.0	−0.3		
GTA	32.7	288	eP	12	12	59.2	0.5		
			PMZ			m_b = 4.7		0.8	0.010
			PcP	12	15	45.8	3.4		
WMQ	41.1	297	P	12	14	08.2	−0.9		
JAN 1d 15h 50m 13.5 ± 0.03s, SD1.03 / 272									
55.14 N ± 0.74km, 158.50 W ± 0.51km, h34 ± 0.18km									
South of Alaska (17)									
M_S5.3 / 11, m_B5.7 / 3, m_b5.2 / 77									
CN2	48.3	290	−iP	15	58	54.0	−0.2		
			PMZ			m_b = 5.7		1.0	0.10
			pP	15	59	05.0	1.2		
			eS	16	05	52.0	0.8		
			LN			M_S = 5.1		16.0	1.00
			LE					16.0	0.50

			LZ		$M_S=5.2$		20.0	2.70
SNY	50.7	289	−iP	15 59 11.0		−1.2		
			PMZ		$m_b=5.7$		1.0	0.10
			pP	15 59 22.8		1.0		
BJI	55.9	292	eP	15 59 50.0		−0.9		
			PMZ		$m_b=4.9$		1.2	0.021
			LN		$M_S=4.9$		14.0	0.51
			LZ		$M_S=5.1$		20.0	1.49
BTO	58.7	297	P	16 00 11.0		0.1		
			epP	16 00 21.0		0.5		
			LN		$M_S=5.4$		15.0	0.90
			LE				15.0	1.00
TIY	59.6	293	−P	16 00 17.4		0.4		
			LN		$M_S=5.3$		14.0	1.00
			LZ		$M_S=5.0$		18.0	1.10
SSE	59.8	282	+P	16 00 18.0		−0.1		
			PMZ		$m_b=4.9$		1.0	0.017
			pP	16 00 30.0		2.2		
			LZ		$M_S=4.6$		24.0	0.50
NJ2	60.3	284	+P	16 00 21.0		−1.1		
			LZ		$M_S=4.6$		18.0	0.45
WHN	64.0	286	+P	16 00 48.0		1.7		
			pP	16 00 59.2		2.9		
XAN	64.2	293	−P	16 00 48.4		0.3		
GTA	64.7	303	eP	16 00 50.2		−0.9		
			PMZ		$m_b=5.4$		1.5	0.080
			PMZ		$m_B=5.7$		4.0	0.42
			pP	16 01 00.0		−0.8		
			LN		$M_S=5.4$		15.0	1.10
			LZ		$M_S=5.4$		18.0	2.40
LZH	65.3	298	−P	16 00 54.5		−0.5		
			PMZ		$m_b=5.5$		2.0	0.11
			PMZ		$m_B=5.7$		4.0	0.37
			pP	16 01 02.5		−2.2		
			sP	16 01 07.0		−1.7		
			LE		$M_S=5.3$		16.0	0.96
			LZ		$M_S=5.2$		18.0	1.46
WMQ	66.6	314	P	16 01 03.0		−0.3		
			pP	16 01 08.5		−4.6		
			LZ		$M_S=5.2$		22.0	1.80
CD2	69.4	295	P	16 01 20.0		−0.7		
			PMZ		$m_b=5.5$		1.2	0.070
			pP	16 01 33.0		2.5		
			LZ		$M_S=5.2$		19.0	1.30
GYA	71.4	290	P	16 01 32.6		−0.2		
			LZ		$M_S=4.8$		24.0	0.70
KMI	74.5	292	−P	16 01 53.0		1.5		
			LZ		$M_S=5.0$		23.0	1.00
LSA	76.7	303	−P	16 02 06.2		1.9		

JAN 1d 16h 59m 36.4 ± 0.06s, SD4.49 / 6
42.17 N ± 0.48km, 84.74 E ± 0.45km, h21 ± 0.68km
Southern Xinjiang Province (321)
M_L3.3 / 5,

WMQ	2.7	52	Pn	17 00 23.8		4.2		
			Sg	17 01 00.6		−1.3		
			SMN		$M_L=3.3$		0.6	0.11
			SME				0.6	0.16

JAN 1d 17h 28m 02.3 ± 0.06s, SD1.25 / 215
21.14 S ± 1.29km, 174.13 W ± 0.78km, h29 ± 0.12km
Tonga (173)
M_S5.8 / 17, m_B6.2 / 18, m_b5.6 / 58

QZH	79.8	302	+P	17 40 10.0		−0.2		
			LZ		$M_S=5.5$		21.0	2.40
SSE	80.9	308	+P	17 40 15.5		−0.6		
			PMZ		$m_b=5.1$		1.0	0.025
			PMZ		$m_B=6.0$		5.0	0.80
NJ2	83.1	308	+P	17 40 29.0		1.6		
			PMZ		$m_b=5.6$		1.0	0.070
			PMZ		$m_B=5.7$		10.0	0.73
			LZ		$M_S=4.9$		22.0	0.53
MDJ	83.1	323	eP	17 40 25.5		−2.3		
			PMZ		$m_b=5.9$		1.5	0.20
			pP	17 40 33.0		−3.7		
			LZ		$M_S=5.2$		30.0	1.70
GZH	83.2	298	eP	17 40 28.0		0.0		
			S	17 50 44.0		0.3		
			LZ		$M_S=5.4$		36.0	3.10
DL2	84.7	315	+P	17 40 35.0		−0.6		
			LN		$M_S=5.9$		20.0	2.40
			LE				20.0	2.40
			LZ		$M_S=5.9$		30.0	7.40
CN2	85.0	321	+P	17 40 36.0		−1.3		
			PMZ		$m_b=5.8$		1.0	0.10
			PMZ		$m_B=6.2$		6.0	1.30
			eS	17 51 02.0		−1.7		
			LN		$M_S=5.7$		18.0	1.40
			LE				18.0	0.70
			LZ		$M_S=5.6$		18.0	2.30
SNY	85.0	318	−P	17 40 37.4		0.1		
			LE		$M_S=5.5$		12.0	0.80
WHN	85.8	305	+P	17 40 42.0		1.2		
			PMZ		$m_b=5.8$		1.2	0.10
			S	17 51 06.0		−2.9		
			LN		$M_S=5.9$		20.0	3.10
			LZ		$M_S=5.3$		18.0	1.10
TIA	86.4	311	+P	17 40 43.8		−0.2		
			PMZ		$m_b=5.8$		1.2	0.10
			PMZ		$m_B=5.9$		10.0	1.10
			LZ		$M_S=5.2$		40.0	1.80
BJI	88.9	314	eP	17 40 55.5		−0.6		
			PMZ		$m_b=5.9$		2.0	0.17
			PMZ		$m_B=6.5$		4.0	1.32
			pP	17 41 03.0		−2.1		
			LE		$M_S=5.6$		18.0	1.12
			LZ		$M_S=5.4$		18.0	1.46
GYA	90.1	298	+iP	17 41 02.0		0.1		
			PMZ		$m_B=6.3$		4.0	0.90
			pP	17 41 12.0		1.3		
			S	17 51 47.0		−2.9		
			sS	17 52 05.0		−1.5		
			LZ		$M_S=5.1$		36.0	1.40
TIY	90.4	311	+P	17 41 03.5		0.2		
			LN		$M_S=5.8$		17.0	1.70
			LZ		$M_S=5.5$		25.0	2.10
XAN	91.4	306	+P	17 41 08.9		1.0		
HHC	92.4	313	+iP	17 41 13.0		0.5		
			LN		$M_S=5.7$		17.0	0.90
			LE				17.0	1.00
			LZ		$M_S=5.3$		23.0	1.30
KMI	92.9	296	+P	17 41 16.5		1.7		
			PMZ		$m_b=6.2$		1.2	0.15
			PMZ		$m_B=5.5$		4.0	0.10
			LZ		$M_S=6.0$		20.0	5.80
BTO	93.4	312	P	17 41 17.5		0.6		
			sP	17 41 25.0		−4.4		
			SKS	17 51 53.0		6.9		
			LN		$M_S=5.8$		16.0	0.90
			LE				16.0	1.30
CD2	94.2	301	P	17 41 20.0		−0.6		
			PMZ		$m_B=6.2$		10.0	1.00
			LZ		$M_S=5.7$		19.0	2.30
LZH	96.0	306	+P	17 41 29.0		−0.1		
			PMZ		$m_b=5.9$		1.5	0.054
			PMZ		$m_B=6.4$		4.0	0.38

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			pP	17 41 38.0	0.1			
			LE	M_S=5.6		18.0	1.20	
			LZ	M_S=5.3		30.0	1.55	
GTA	100.2	308	P	17 41 48.5	0.5			
			PMZ	m_b=5.8		1.2	0.020	
			PMZ	m_B=6.2		10.0	0.41	
			pP	17 41 55.2	−1.5			
			LE	M_S=5.6		18.0	1.10	
			LZ	M_S=5.5		36.0	2.50	

JAN 1d 18h 51m 03.5±0.05s, SD3.09/8
39.68 N±0.68km, 82.98 E±0.54km, h20±0.02km
Southern Xinjiang Province (321)
M_L3.7/6,

WMQ	5.4	39	ePn	18 52 27.8	3.8			
			Sg	18 53 50.5	−3.2			
			SMN	M_L=3.6		0.6	0.050	
			SME			0.6	0.080	

JAN 2d 02h 58m 49.2±0.04s, SD1.97/127
38.16 N±0.68km, 99.95 E±0.62km, h12±0.07km
Qinghai Province (325)
M_S5.0/46, M_L4.9/8, m_B5.3/2,

GTA	1.3	355	−iPg	02 59 12.8	1.2			
			Sg	02 59 28.7	0.0			
			SMN			2.0	9.57	
			SME			2.0	27.5	
			LN			7.0	35.6	
			LE			7.0	56.2	
			LZ			8.0	29.8	
LZH	3.7	122	+iPn	02 59 50.5	3.3			
			Pg	03 00 00.8	5.7			
			Sn	03 00 36.0	3.0			
			Sg	03 00 51.5	5.4			
			SMN	M_L=5.1		1.0	3.66	
			SME			1.0	5.71	
			LN	M_S=5.2		5.0	12.6	
			LE			5.0	17.5	
			LZ	M_S=4.8		10.0	12.8	
CD2	7.9	155	eP	03 00 47.8	1.1			
			LE	M_S=4.8		10.0	5.60	
BTO	8.2	70	eP	03 00 52.0	1.2			
			LN	M_S=4.9		9.0	5.10	
			LE			9.0	2.50	
XAN	8.3	117	−P	03 00 52.0	−1.1			
			S	03 02 33.0	5.2			
			LN	M_S=5.0		8.0	5.60	
			LE			7.0	3.50	
HHC	9.4	70	P	03 01 07.6	0.2			
			SMN			1.0	0.70	
			SME			1.0	0.40	
			LN	M_S=4.8		7.0	2.30	
			LE			8.0	2.00	
			LZ	M_S=4.6		8.0	2.80	
TIY	9.9	89	+P	03 01 13.2	−1.1			
			PMZ	m_b=5.4		0.8	0.10	
			LN	M_S=5.0		8.0	4.00	
			LE			8.0	3.39	
			LZ	M_S=4.8		10.0	5.10	
WMQ	10.8	305	P	03 01 26.5	−1.2			
			eS	03 03 33.5	3.4			
			LN	M_S=4.8		8.0	2.70	
			LZ	M_S=4.4		12.0	2.00	
LSA	11.2	223	eP	03 01 35.0	2.6			
			LN	M_S=4.5		6.0	0.80	
			LE			6.5	0.60	
			LZ	M_S=4.5		6.0	1.30	
BJI	12.7	76	eP	03 01 55.0	1.7			
			PMZ	m_b=4.5		1.0	0.010	
			LN	M_S=4.9		14.0	4.02	
			LZ	M_S=4.2		14.0	1.23	
GYA	13.0	152	+iP	03 01 54.8	−1.7			
			PMZ	m_b=5.5		1.6	0.15	
			pP	03 01 59.0	−1.9			
			PP	03 02 09.8	3.6			
			LN	M_S=5.0		9.0	3.10	
			LE			9.0	1.90	
			LZ	M_S=4.6		10.0	2.20	
KMI	13.2	169	P	03 02 02.0	2.5			
			LN	M_S=4.9		9.0	2.20	
			LE			10.0	2.90	
			LZ	M_S=4.8		10.0	3.40	
TIA	13.8	93	eP	03 02 06.9	−0.8			
			LN	M_S=4.8		13.0	3.00	
			LZ	M_S=4.1		20.0	1.40	
WHN	14.1	118	eP	03 02 12.0	0.7			
			pP	03 02 21.0	5.1			
			LN	M_S=5.0		7.0	3.00	
			LZ	M_S=4.2		14.0	1.20	
NJ2	16.6	106	+P	03 02 45.6	1.8			
			S	03 05 48.0	0.8			
			LN	M_S=4.9		6.0	0.60	
			LE			8.5	1.70	
			LZ	M_S=4.4		13.0	1.20	
DL2	17.0	81	P	03 02 52.0	3.6			
			eS	03 05 52.0	−4.2			
			LN	M_S=5.4		10.0	8.50	
			LE			13.0	1.20	
			LZ	M_S=4.3		15.0	1.20	
SNY	18.5	71	+P	03 03 06.2	−0.6			
			LN	M_S=5.1		8.0	2.50	
			LE			7.0	1.30	
			LZ	M_S=4.4		21.0	1.70	
KSH	18.8	282	P	03 03 10.0	−0.8			
			LE	M_S=5.4		9.0	6.30	
SSE	18.8	106	+P	03 03 16.0	4.7			
			PMZ	m_b=4.5		1.0	0.025	
			PMZ	m_B=5.3		6.0	0.80	
			LN	M_S=4.9		12.0	2.70	
			LE			12.0	0.50	
			LZ	M_S=4.6		14.0	1.80	
GZH	18.9	139	P	03 03 10.8	−1.5			
			LN	M_S=5.1		9.0	2.50	
			LE			8.0	1.90	
			LZ	M_S=4.8		12.0	2.70	
CN2	20.0	66	eP	03 03 25.0	−0.1			
			LN	M_S=5.0		8.0	1.80	
			LE			8.0	0.80	
			LZ	M_S=4.8		12.0	2.10	
QZH	20.6	124	eP	03 03 28.4	−2.6			
QZN	20.9	153	P	03 03 32.9	−1.6			
			eS	03 07 20.0	−2.7			
			LN	M_S=4.9		12.0	0.80	
			LE			13.0	2.00	
MDJ	23.1	64	eP	03 03 59.5	3.5			
			LN	M_S=4.8		8.0	1.00	
			LZ	M_S=4.3		20.0	0.93	

JAN 2d 03h 50m 00.1±0.04s, SD1.44/17
11.36 S±0.85km, 166.60 E±0.74km, h33±0.33km
Santa Cruz Islands (184)
m_b5.0/4,

LZH	75.6	312	eP	04 01 44.5	0.3			
			PMZ	m_b=5.2		1.0	0.030	
GTA	79.9	314	+P	04 02 09.6	1.6			
WMQ	89.9	315	P	04 02 58.0	0.0			

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JAN 2d 14h 11m 21.5±0.07s, SD2.99/8
27.21 N±0.57km, 100.60 E±0.49km, h5±0.23km
Yunnan Province (318)
M_L3.5/6,

KMI	2.8	136	ePn	14 12 08.5	0.8			
			Pg	14 12 11.5	0.3			
			Sg	14 12 46.0	−3.8			
			SMN	M_L=3.6		1.5	0.30	
			SME			1.5	0.20	
CD2	4.6	36	ePn	14 12 34.8	2.7			
			Pg	14 12 44.0	1.2			
			Sg	14 13 45.0	−0.8			
			SMN	M_L=3.5		1.0	0.050	
			SME			1.2	0.10	

JAN 2d 23h 18m 57.3±0.12s, SD2.09/25
23.63 N±0.77km, 121.50 E±0.88km, h5±0.28km
Taiwan (244)
M_L3.9/12, m_b3.6/2,

QZH	3.0	297	ePn	23 19 44.7	−0.6			
			Sn	23 20 17.0	−6.2			
			SMN	M_L=4.2		0.9	0.30	
			SME			0.8	1.60	
SSE	7.4	358	eP	23 20 48.0	−1.4			
			SMN	M_L=3.8		1.0	0.027	
			SME			1.0	0.040	
GZH	7.5	268	eP	23 20 50.4	0.0			
			SMN	M_L=4.3		1.0	0.10	
			SME			1.0	0.10	
NJ2	8.7	345	−P	23 21 08.0	0.9			
			S	23 22 40.0	−6.6			
			SMN	M_L=4.4		0.8	0.10	
			SME			0.8	0.040	
WHN	9.4	319	P	23 21 15.5	−0.9			
GYA	13.7	285	eP	23 22 15.6	−0.1			

JAN 3d 00h 03m 51.6±0.04s, SD1.22/167
7.15 S±0.62km, 148.62 E±0.73km, h39±0.16km
Eastern New Guinea region (207)
M_S5.3/1, m_b5.3/36,

QZH	43.3	318	eP	00 11 51.4	−0.3			
SSE	46.2	327	−P	00 12 14.0	−1.2			
			PMZ	m_b=5.3		0.7	0.030	
QZN	46.2	305	eP	00 12 14.4	−1.0			
NJ2	48.2	326	−P	00 12 31.1	0.1			
			PMZ	m_b=5.4		0.8	0.040	
WHN	49.8	321	+P	00 12 45.0	1.6			
GYA	52.6	311	+iP	00 13 05.2	0.4			
SNY	53.9	337	+iP	00 13 12.4	−1.3			
MDJ	54.3	343	eP	00 13 16.0	−1.0			
CN2	54.9	340	P	00 13 23.0	1.8			
			pP	00 13 34.0	2.3			
			eS	00 21 01.0	2.7			
			LZ	M_S=5.0		15.0	0.90	
KMI	55.0	307	+P	00 13 24.0	1.9			
XAN	55.6	320	+iP	00 13 26.5	0.2			
BJI	55.7	330	eP	00 13 25.5	−1.5			
			PMZ	m_b=4.8		1.6	0.018	
TIY	56.0	326	eP	00 13 27.4	−1.6			
			PcP	00 14 28.6	2.4			
			LZ	M_S=4.5		28.0	0.60	
CD2	57.2	314	−iP	00 13 37.3	−0.8			
			PMZ	m_b=5.4		1.0	0.050	
HHC	58.7	328	P	00 13 48.4	0.2			
BTO	59.3	326	eP	00 13 51.6	−1.1			
LZH	60.1	319	eP	00 13 58.0	−0.4			
			PMZ	m_b=5.5		1.5	0.099	
GTA	64.7	320	eP	00 14 29.1	0.6			
			PMZ	m_b=5.2		1.6	0.050	
			pP	00 14 34.5	−4.5			
LSA	66.2	307	+P	00 14 41.2	2.3			
WMQ	74.7	319	P	00 15 30.0	0.0			

JAN 3d 00h 40m 10.5±0.05s, SD1.58/217
7.17 S±0.87km, 148.58 E±0.98km, h41±0.30km
Eastern New Guinea region (207)
M_S5.3/27, m_B5.6/3, m_b5.6/54

QZH	43.3	319	eP	00 48 09.5	−0.7			
			sP	00 48 20.8	−4.7			
			LN	M_S=5.1		15.0	1.20	
			LZ	M_S=5.0		20.0	1.90	
GZH	45.7	312	eP	00 48 30.0	−0.1			
			S	00 55 12.0	3.2			
			LN	M_S=5.1		10.0	0.50	
			LE			10.0	0.50	
QZN	46.2	305	eP	00 48 34.8	1.0			
			LN	M_S=5.3		18.0	1.40	
			LE			19.0	2.10	
SSE	46.2	327	P	00 48 32.5	−1.3			
			PMZ	m_b=5.5		1.2	0.085	
			pP	00 48 44.0	−0.6			
			LN	M_S=5.3		14.0	1.10	
			LE			14.0	1.10	
			LZ	M_S=5.3		20.0	3.20	
NJ2	48.2	326	−P	00 48 49.5	−0.1			
			PMZ	m_b=5.7		0.9	0.10	
			pP	00 49 01.0	0.6			
			S	00 55 48.0	3.9			
			LN	M_S=5.3		17.0	1.50	
			LE			15.0	1.30	
			LZ	M_S=5.0		20.0	1.50	
WHN	49.8	321	−P	00 49 03.0	1.0			
			PMZ	m_b=5.5		1.6	0.10	
			pP	00 49 14.5	1.8			
			PcP	00 50 24.5	2.8			
			LN	M_S=5.6		19.0	3.60	
			LZ	M_S=4.9		16.0	1.00	
GYA	52.6	311	+iP	00 49 23.4	0.1			
			PMZ	m_b=5.9		2.0	0.30	
			S	00 56 50.0	4.9			
			LN	M_S=5.4		18.0	1.00	
			LE			18.0	1.80	
			LZ	M_S=4.8		20.0	0.90	
SNY	53.9	337	+P	00 49 29.0	−3.3			
			S	00 56 56.0	−5.8			
			LN	M_S=5.6		16.0	2.00	
			LE			15.0	1.70	
			LZ	M_S=5.5		16.0	3.60	
MDJ	54.3	343	−P	00 49 35.5	−0.2			
			PMZ	m_b=5.5		1.7	0.10	
			LZ	M_S=5.2		38.0	4.20	
CN2	54.9	340	+P	00 49 43.4	3.6			
			epP	00 49 48.0	−2.8			
			eS	00 57 22.0	5.3			
			LN	M_S=5.5		16.0	2.00	
			LE			16.0	1.00	
			LZ	M_S=5.7		16.0	5.60	
KMI	55.0	307	−P	00 49 42.0	1.4			
			PMZ	m_b=5.8		1.5	0.17	
			LZ	M_S=5.1		25.0	2.00	
XAN	55.6	320	+iP	00 49 40.6	−4.3			
			LN	M_S=5.0		11.0	0.50	
BJI	55.7	330	eP	00 49 44.0	−1.6			
			PMZ	m_b=5.5		1.8	0.12	
			PMZ	m_B=5.6		6.0	0.50	

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			PcP	00 50 45.0	1.3			
			LZ	M_S=5.2		20.0	2.10	
TIY	55.9	326	eP	00 49 46.9	−0.7			
			S	00 57 35.5	5.7			
			LN	M_S=5.7		20.0	3.20	
			LE			19.0	2.00	
			LZ	M_S=5.3		20.0	2.50	
CD2	57.2	314	eP	00 49 55.3	−1.3			
			PMZ	m_b=5.7		1.1	0.10	
			epP	00 50 08.0	0.5			
			PcP	00 50 46.0	−3.6			
			eS	00 57 46.7	−1.0			
			LE	M_S=5.4		15.5	1.70	
			LZ	M_S=5.5		20.0	3.70	
HHC	58.6	328	P	00 50 06.0	−0.7			
			pP	00 50 17.5	0.0			
			LE	M_S=5.5		15.0	1.90	
			LZ	M_S=5.4		22.0	3.50	
BTO	59.3	326	eP	00 50 09.5	−1.8			
			eS	00 58 14.0	−1.3			
			LN	M_S=5.6		19.0	2.20	
			LE			19.0	1.90	
LZH	60.1	319	−iP	00 50 16.5	−0.4			
			PMZ	m_b=6.0		1.5	0.31	
			PMZ	m_B=5.6		8.0	0.60	
			pP	00 50 27.0	−0.7			
			PcP	00 50 57.0	−4.1			
			PP	00 52 32.0	1.5			
			eS	00 58 29.0	3.2			
			SME			10.0	0.64	
GTA	64.6	320	−iP	00 50 46.5	−0.5			
			PMZ	m_b=5.7		1.6	0.17	
			PMZ	m_B=5.9		4.0	0.59	
			PcP	00 51 20.8	1.4			
			eS	00 59 26.0	3.3			
			LE	M_S=5.5		16.0	1.60	
			LZ	M_S=5.2		18.0	1.50	
LSA	66.2	307	+P	00 50 55.6	−1.7			
			S	00 59 45.0	4.9			
WMQ	74.7	319	−iP	00 51 48.6	0.1			
			pP	00 51 56.4	−3.0			
			sP	00 52 02.8	−1.2			
			S	01 01 22.0	3.0			
			SME			8.0	0.60	
			SKS	01 01 49.0	1.6			
			LZ	M_S=5.1		20.0	1.10	

JAN 3d 00h 46m 57.4 ± 0.09s, SD1.42 / 55
7.10 S ± 0.73km, 148.66 E ± 0.85km, h56 ± 0.48km
Eastern New Guinea region (207)
M_S5.2 / 1, m_B5.7 / 1, m_b5.2 / 15

KMI	55.0	307	+P	00 56 28.0	1.9			
			pP	00 56 36.5	−3.2			
TIY	55.9	326	eP	00 56 33.0	0.2			
CD2	57.2	314	eP	00 56 41.2	−0.8			
			PMZ	m_b=5.2		1.0	0.030	
LZH	60.1	319	+iP	00 57 02.5	0.3			
			PMZ	m_b=5.4		1.5	0.071	
			pP	00 57 13.0	−3.0			
			PcP	00 57 47.5	1.5			
			LZ	M_S=5.1		16.0	1.21	
GTA	64.6	320	−iP	00 57 32.0	−0.3			
			PMZ	m_b=5.1		1.2	0.030	
			PMZ	m_B=5.7		3.5	0.33	
			pP	00 57 43.4	−2.9			
LSA	66.2	307	iP	00 57 45.6	2.8			
WMQ	74.7	319	P	00 58 34.2	0.5			
			pP	00 58 45.0	−2.8			
			LZ	M_S=5.3		12.0	1.00	

JAN 3d 01h 41m 26.7 ± 0.05s, SD1.79 / 95
29.15 S ± 1.70km, 111.72 W ± 1.24km, h7 ± 0.11km
Easter Island region (685)
M_S6.2 / 5, m_B5.8 / 3, m_b5.3 / 22

MDJ	129.7	305	ePKP	02 00 35.5	−2.6			
TIY	142.5	295	ePKP	02 00 58.0	−3.6			
			LE	M_S=6.1		20.0	1.90	
			LZ	M_S=5.8		25.0	2.10	
HHC	143.0	300	ePKP	02 00 59.2	−3.4			
			LZ	M_S=6.0		20.0	2.20	
BTO	144.2	300	PKP	02 01 02.0	−2.6			
XAN	145.2	289	+PKP	02 01 04.2	−2.1			
GYA	146.0	275	+iPKP	02 01 07.0	−0.8			
KMI	149.1	271	−PKP	02 01 16.5	3.5			
			LZ	M_S=5.9		25.0	2.00	
CD2	149.3	282	ePKP	02 01 16.5	3.4			
			LE	M_S=6.3		20.0	2.65	
			LZ	M_S=6.2		23.0	3.90	
LZH	149.4	292	PKP	02 01 17.0	3.7			
			PKP2	02 01 27.0	3.9			
			LZ	M_S=6.1		22.0	3.00	
GTA	152.1	300	ePKP	02 01 20.8	3.3			
			PPMZ	m_B=5.8		6.0	0.43	
			LE	M_S=6.3		22.0	3.00	
			LZ	M_S=6.0		22.0	2.50	
WMQ	158.7	319	ePKP	02 01 24.6	−1.6			
			PP	02 05 47.6	3.7			
			PPMZ	m_B=5.5		10.0	0.40	
			LZ	M_S=5.9		20.0	1.80	

JAN 3d 05h 39m 22.6 ± 0.11s, SD2.39 / 10
37.82 N ± 0.95km, 124.78 E ± 0.81km, h27 ± 0.20km
South Korea (231)
M_L3.7 / 8,

DL2	2.7	295	ePn	05 40 05.5	0.7			
			Pg	05 40 11.0	0.5			
			Sn	05 40 37.0	−1.3			
			Sg	05 40 45.0	−2.7			
			SMN	M_L=3.9		0.6	0.58	
			SME			0.6	0.70	
SNY	4.1	347	Pn	05 40 25.4	1.3			
			Pg	05 40 40.0	4.8			
			Sg	05 41 33.2	1.7			
			SMN	M_L=3.7		0.6	0.090	
			SME			1.0	0.19	
TIA	6.3	258	Pg	05 41 18.0	3.4			
			Sg	05 42 38.0	−3.2			
			SMN	M_L=3.6		1.0	0.049	
			SME			1.0	0.027	

JAN 3d 06h 02m 24.4 ± 0.05s, SD1.14 / 89
14.83 S ± 0.59km, 168.00 E ± 0.75km, h40 ± 0.33km
Vanuatu (New Hebrides) (186)
m_B5.7 / 1, m_b4.9 / 14,

MDJ	68.7	332	eP	06 13 26.0	−0.6			
CN2	70.1	329	P	06 13 34.6	−0.6			
GYA	72.4	304	P	06 13 48.2	−0.7			
TIY	73.8	317	eP	06 13 58.0	0.5			
XAN	74.3	312	eP	06 13 59.5	−0.6			
BTO	77.0	318	eP	06 14 15.0	−0.6			
LZH	78.9	312	eP	06 14 25.5	−0.9			
			PMZ	m_b=5.0		1.5	0.028	
			pP	06 14 40.0	2.9			
GTA	83.2	314	eP	06 14 49.2	0.0			
			PMZ	m_b=5.2		1.2	0.030	
			PMZ	m_B=5.7		5.0	0.41	

			pP	06 14 57.4	−2.6			
WMQ	93.3	314	−iP	06 15 37.1	−0.2			

JAN 3d 06h 18m 40.0 ± 0.31s, SD2.21 / 9
38.10 N ± 1.02km, 77.64 E ± 2.55km, h19 ± 0.31km
Southern Xinjiang Province (321)
M_L4.0 / 4, m_b4.5 / 1,

WMQ	9.5	50	P	06 21 02.5	3.0		
			PMZ	m_b = 4.5		0.6	0.010
			SMN			1.0	0.020

JAN 3d 09h 16m 00.5 ± 0.06s, SD1.39 / 72
15.58 S ± 0.59km, 167.53 E ± 0.75km, h129 ± 0.60km
Vanuatu (New Hebrides) (186)
m_B5.5 / 1, m_b4.8 / 12,

MDJ	69.1	332	eP	09 26 55.5	−0.1		
GYA	72.4	305	P	09 27 14.6	−0.7		
BJI	73.1	321	eP	09 27 18.0	−1.1		
XAN	74.4	313	+iP	09 27 26.0	−1.1		
HHC	76.4	320	eP	09 27 39.0	0.8		
LZH	79.1	312	P	09 27 52.0	−1.0		
			PMZ	m_b = 4.8		1.5	0.025
GTA	83.4	314	eP	09 28 15.4	−0.4		
			PMZ	m_b = 4.6		1.0	0.010
			PMZ	m_B = 5.5		4.0	0.33
WMQ	93.5	314	eP	09 29 02.6	−1.1		

JAN 3d 13h 18m 49.1 ± 0.04s, SD1.22 / 378
7.12 S ± 0.80km, 148.56 E ± 0.84km, h14 ± 0.06km
Eastern New Guinea region (207)
M_S6.1 / 59, m_B6.2 / 23, m_b5.9 / 79

QZH	43.2	319	eP	13 26 50.5	−1.5		
			PMZ	m_b = 5.8		0.7	0.11
			PP	13 28 35.0	0.7		
			S	13 33 17.0	−0.3		
			LE	M_S = 5.9		17.0	10.3
			LZ	M_S = 5.9		20.0	14.1
GZH	45.7	312	+iP	13 27 13.0	1.1		
			PMZ	m_b = 5.9		1.6	0.31
			S	13 33 55.0	2.0		
			LN	M_S = 5.9		16.0	4.00
			LE			16.0	7.80
			LZ	M_S = 5.8		20.0	11.0
SSE	46.2	327	−P	13 27 15.0	−0.6		
			PMZ	m_b = 5.9		1.0	0.18
			PcS	13 32 44.0	−0.3		
			LN	M_S = 6.2		16.0	10.5
			LE			16.0	9.23
			LZ	M_S = 6.1		20.0	20.2
QZN	46.2	305	P	13 27 15.5	−0.2		
			sP	13 27 27.0	2.3		
			LN	M_S = 6.0		17.0	8.20
			LE			17.0	7.80
NJ2	48.2	326	−iP	13 27 31.0	−0.4		
			PMZ	m_b = 5.9		1.0	0.20
			PMZ	m_B = 6.1		4.0	1.10
			iPcP	13 29 00.0	1.6		
			iS	13 34 29.0	−0.3		
			LN	M_S = 6.2		16.5	13.8
			LE			15.0	5.30
WHN	49.8	321	−P	13 27 45.0	1.2		
			PMZ	m_b = 6.3		2.0	0.80
			PMZ			3.0	1.60
			sP	13 27 56.5	3.6		
			S	13 34 53.0	2.2		
			LN	M_S = 6.1		17.0	10.5
			LE			16.0	6.10
			LZ	M_S = 5.8		18.0	9.00
DL2	52.2	333	eP	13 28 01.5	−0.5		
			PMZ	m_b = 6.2		1.5	0.30
			PMZ	m_B = 5.8		10.0	1.30
			S	13 35 24.0	0.2		
			LN	M_S = 6.1		15.0	7.50
			LE			30.0	13.8
TIA	52.2	328	eP	13 28 00.8	−1.7		
			S	13 35 24.0	−0.7		
			ScS	13 37 52.1	4.0		
			LN	M_S = 6.3		17.0	12.1
			LE			16.0	12.4
			LZ	M_S = 6.1		20.0	18.5
GYA	52.6	311	−iP	13 28 05.0	−0.2		
			PMZ	m_b = 6.1		2.0	0.60
			S	13 35 28.0	−1.4		
			LN	M_S = 6.1		17.0	6.50
			LE			17.0	6.80
			LZ	M_S = 5.4		30.0	5.70
SNY	53.8	337	−iP	13 28 12.0	−2.2		
			PMZ	m_B = 6.5		3.5	2.50
			pP	13 28 24.0	3.6		
			PcP	13 29 16.0	−3.1		
			S	13 35 46.0	−0.1		
			LN	M_S = 6.4		17.0	12.9
			LE			17.0	12.8
			LZ	M_S = 6.3		17.0	22.8
MDJ	54.3	343	−P	13 28 15.5	−2.0		
CN2	54.8	340	P	13 28 20.0	−1.7		
			PMZ	m_B = 6.0		6.0	1.20
			pP	13 28 27.0	−1.0		
			PcP	13 29 22.0	−1.0		
			eS	13 35 58.0	−3.0		
			LN	M_S = 6.2		15.0	8.50
			LE			15.0	6.80
			LZ	M_S = 6.5		18.0	35.0
KMI	54.9	307	−P	13 28 23.5	1.0		
			PMZ	m_b = 6.3		2.0	0.85
			PMZ	m_B = 6.0		3.5	0.80
			sP	13 28 35.0	3.6		
			S	13 36 01.0	0.1		
			LN	M_S = 5.9		14.0	1.30
			LE			16.0	5.00
			LZ	M_S = 5.9		30.0	17.3
XAN	55.5	320	−iP	13 28 25.1	−1.7		
			PMZ			3.0	1.80
			sP	13 28 39.0	3.2		
			PcP	13 29 28.0	2.3		
			PP	13 30 30.0	−1.5		
			PcP	13 29 28.0	2.3		
			S	13 36 08.0	−1.2		
			LN	M_S = 6.1		16.0	6.30
			LE			18.0	5.90
BJI	55.6	330	eP	13 28 26.0	−1.5		
			PMZ	m_b = 6.1		2.0	0.51
			PMZ	m_B = 6.2		4.0	1.40
			PcP	13 29 27.0	0.9		
			eS	13 36 07.0	−4.7		
			LN	M_S = 6.2		15.0	5.00
			LE			16.0	8.70
			LZ	M_S = 6.0		36.0	21.2
TIY	55.9	326	−P	13 28 29.0	−0.5		
			PcP	13 29 29.5	2.4		
			S	13 36 12.5	−1.6		
			sS	13 36 29.0	3.5		
			LN	M_S = 6.3		18.0	13.1
			LE			17.0	8.40
			LZ	M_S = 6.0		20.0	13.5
CD2	57.2	314	−iP	13 28 37.4	−1.2		

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			csP	13 28 50.5	2.9			
			iS	13 36 30.0	−2.1			
			LE		M_S=6.3		17.0	14.0
			LZ		M_S=6.4		16.0	23.7
HHC	58.6	328	−iP	13 28 48.0	−0.7			
			PMZ		m_B=5.9		4.0	0.70
			pP	13 29 00.0	5.3			
			LN		M_S=6.3		18.0	5.70
			LE				18.0	12.7
			LZ		M_S=6.2		24.0	22.2
BTO	59.3	326	−iP	13 28 52.0	−1.3			
			PMZ		m_B=6.3		4.0	1.50
			sP	13 29 01.0	−1.2			
			cPP	13 31 04.0	−1.0			
			S	13 36 54.0	−4.2			
			LN		M_S=6.2		17.0	8.90
			LE				17.0	7.10
LZH	60.1	319	−iP	13 28 58.0	−0.9			
			PMZ		m_b=6.4		1.6	0.74
			PMZ		m_B=6.1		4.0	1.12
			pP	13 29 08.0	3.1			
			PcP	13 29 40.0	−3.5			
			S	13 37 09.0	0.3			
			LE		M_S=5.9		16.0	4.79
			LZ		M_S=5.8		33.0	12.8
GTA	64.6	320	−iP	13 29 28.5	−0.6			
			PMZ		m_b=6.3		2.0	0.80
			PMZ		m_B=6.2		4.0	1.34
			S	13 38 07.6	2.0			
			SS	13 42 20.0	2.1			
			LN		M_S=5.9		15.0	3.50
			LZ		M_S=5.9		20.0	7.20
LSA	66.1	307	iP	13 29 41.0	1.6			
			sP	13 29 51.0	3.0			
			S	13 38 28.0	3.3			
			sS	13 38 38.0	1.6			
			LN		M_S=5.4		12.0	1.00
WMQ	74.6	319	−iP	13 30 30.0	−0.7			
			PMZ		m_b=5.7		2.2	0.20
			PMZ				3.0	1.70
			PP	13 33 17.5	−1.1			
			PPMZ				2.5	0.10
			iS	13 40 05.2	−0.2			
			SMN				7.0	3.00
			LZ		M_S=6.0		20.0	7.30
KSH	81.3	312	−P	13 31 08.0	0.4			
			PMZ		m_B=6.7		4.0	3.00
			LE		M_S=6.4		15.0	8.60

JAN 3d 13h 29m 19.1±0.06s, SD1.29/138
7.08 S±0.90km, 148.45 E±0.74km, h40±0.22km
Eastern New Guinea region (207)
M_S5.8/7, m_B5.8/2, m_b5.5/37

QZH	43.1	319	eP	13 37 17.3	−0.4			
NJ2	48.1	326	+P	13 37 57.8	0.6			
			PMZ		m_b=5.2		1.0	0.030
WHN	49.7	321	+eP	13 38 11.5	1.9			
			pP	13 38 23.2	3.0			
GYA	52.5	311	P	13 38 31.6	0.7			
SNY	53.7	337	eP	13 38 36.8	−3.3			
			PMZ		m_b=5.5		1.6	0.10
MDJ	54.2	343	eP	13 38 42.5	−1.0			
CN2	54.8	340	+P	13 38 46.0	−1.7			
			epP	13 38 56.0	−2.5			
			PcP	13 39 48.0	−0.8			
			eS	13 46 24.0	0.1			
			LN		M_S=5.8		15.0	4.20
			LE				15.0	1.80
			LZ		M_S=6.1		16.0	14.6
KMI	54.8	307	+P	13 38 50.0	1.8			
			LE		M_S=5.8		15.0	4.30
BJI	55.5	330	eP	13 38 52.0	−1.3			
			PMZ		m_b=5.3		1.6	0.060
			LN		M_S=6.2		16.0	10.1
HHC	58.5	328	+P	13 39 14.8	0.3			
BTO	59.2	327	P	13 39 18.0	−1.1			
LZH	60.0	319	+iP	13 39 24.5	−0.2			
			PMZ		m_b=5.8		1.5	0.17
			pP	13 39 36.0	0.7			
			PcP	13 40 09.0	−0.2			
GTA	64.5	320	+iP	13 39 54.8	0.0			
			PMZ		m_b=5.5		1.4	0.080
			PMZ		m_B=5.7		3.5	0.34
			pP	13 40 07.0	1.4			
			sP	13 40 12.6	2.5			
			PcP	13 40 28.6	1.0			
			LN		M_S=6.2		15.0	5.48
			LE				16.0	5.83
WMQ	74.5	319	+iP	13 40 56.3	−0.1			
			sP	13 41 16.5	4.8			
			PP	13 43 48.9	4.7			
			S	13 50 29.0	2.8			
			LZ		M_S=5.9		16.0	5.10

JAN 3d 14h 20m 55.9±0.04s, SD1.20/116
21.14 S±0.64km, 177.18 W±0.53km, h295±0.31km
Fiji region (181)
m_b4.8/30,

NJ2	80.9	309	−P	14 32 39.5	0.1			
			PMZ		m_b=4.8		0.6	0.010
MDJ	81.5	325	−P	14 32 41.5	−1.0			
CN2	83.3	322	eP	14 32 49.0	−2.7			
WHN	83.4	306	eP	14 32 54.2	1.7			
BJI	86.9	315	eP	14 33 08.5	−1.0			
			PMZ		m_b=4.5		1.6	0.030
			LZ				14.0	1.20
TIY	88.3	312	eP	14 33 17.0	0.9			
XAN	89.1	307	−iP	14 33 20.1	0.0			

JAN 3d 15h 10m 44.4±0.05s, SD1.33/56
7.19 S±0.60km, 148.65 E±0.68km, h41±0.19km
Eastern New Guinea region (207)
M_S4.9/1, m_b5.1/12,

SSE	46.3	327	P	15 19 07.5	−0.7			
			PMZ		m_b=5.2		0.6	0.020
			pP	15 19 19.0	0.0			
			LN		M_S=4.9		14.0	0.70
			LZ		M_S=4.9		20.0	1.40
NJ2	48.3	326	+P	15 19 24.0	0.0			
			PMZ		m_b=5.1		0.8	0.020
			pP	15 19 35.5	0.7			
XAN	55.6	320	−iP	15 20 17.9	−1.4			
BJI	55.7	330	eP	15 20 23.5	3.6			
CD2	57.3	314	eP	15 20 30.1	−0.9			
LZH	60.2	319	eP	15 20 50.5	−0.8			
			PMZ		m_b=5.2		1.0	0.033
			pP	15 20 57.0	−5.0			
			sP	15 21 02.0	−4.5			
GTA	64.7	320	eP	15 21 21.0	−0.4			
			PMZ		m_b=4.8		0.8	0.010
			pP	15 21 27.2	−5.1			
LSA	66.3	307	iP	15 21 33.8	2.1			
WMQ	74.7	319	eP	15 22 23.0	0.2			
			pP	15 22 34.0	0.3			

JAN 3d 15h 18m 44.5±0.03s, SD1.24/205

7.27 S ± 0.79km, 148.60 E ± 0.84km, h24 ± 0.03km
Eastern New Guinea region (207)
M_S5.2 / 12, m_B5.7 / 2, m_b5.6 / 50

QZH	43.3	319	eP	15 26 46.2	−0.9			
			PMZ		m_b = 5.5	0.7	0.060	
			LZ		M_S = 4.9	20.0	1.40	
QZN	46.3	305	eP	15 27 10.6	0.0			
			eS	15 33 50.0	−5.6			
			LN		M_S = 5.3	16.0	1.20	
			LE			19.0	1.50	
SSE	46.3	327	P	15 27 09.0	−1.7			
			PMZ		m_b = 5.7	0.9	0.099	
			LZ		M_S = 4.5	20.0	0.50	
NJ2	48.3	326	−P	15 27 27.0	0.5			
			PMZ		m_b = 5.8	0.8	0.10	
			S	15 34 22.0	−1.4			
			LZ		M_S = 4.6	20.0	0.60	
WHN	49.9	321	+P	15 27 40.0	1.1			
			PMZ		m_b = 5.7	1.0	0.10	
TIA	52.4	328	eP	15 27 56.4	−1.2			
			LE		M_S = 5.3	17.0	1.70	
			LZ		M_S = 4.9	34.0	1.90	
SNY	54.0	337	+iP	15 28 07.8	−1.5			
			PMZ		m_b = 5.6	1.2	0.10	
			pP	15 28 15.9	−1.3			
			LZ		M_S = 5.4	16.0	2.60	
CN2	55.0	340	eP	15 28 16.0	−0.8			
			epP	15 28 23.0	−1.7			
			PcP	15 29 16.0	−1.5			
			eS	15 35 54.0	−2.1			
			LN		M_S = 5.2	16.0	1.00	
			LE			16.0	0.50	
			LZ		M_S = 5.4	16.0	2.80	
KMI	55.0	307	−P	15 28 19.0	1.6			
			PMZ		m_b = 5.6	1.5	0.11	
			S	15 35 58.0	2.5			
			LZ		M_S = 4.8	30.0	1.20	
BJI	55.8	330	eP	15 28 21.0	−1.5			
			PMZ		m_b = 5.2	1.3	0.038	
			LZ		M_S = 5.1	18.0	1.50	
TIY	56.0	326	eP	15 28 24.0	−0.5			
CD2	57.3	314	+iP	15 28 32.8	−0.6			
			PMZ		m_b = 5.6	1.2	0.10	
			iS	15 36 25.5	−1.3			
			LE		M_S = 5.5	19.0	2.30	
			LZ		M_S = 5.4	18.0	2.70	
HHC	58.7	328	P	15 28 43.0	−0.7			
BTO	59.4	327	P	15 28 47.0	−1.2			
			sP	15 28 56.0	−3.3			
			eS	15 36 51.0	−3.5			
			LN		M_S = 5.6	19.0	2.20	
			LE			19.0	1.70	
LZH	60.2	319	+iP	15 28 54.0	0.2			
			PMZ		m_b = 5.8	1.5	0.19	
			PMZ		m_B = 5.6	5.0	0.37	
			pP	15 29 03.5	2.1			
			PcP	15 29 38.0	0.0			
			PP	15 31 12.0	4.5			
			eS	15 37 00.0	−5.0			
			sS	15 37 16.0	−1.7			
			SS	15 41 00.0	−1.7			
			LN		M_S = 5.0	15.0	0.53	
			LZ		M_S = 4.9	25.0	1.04	
GTA	64.7	320	iP	15 29 23.6	−0.3			
			PMZ		m_b = 5.5	1.2	0.070	
			PMZ		m_B = 5.7	4.0	0.42	
			pP	15 29 27.0	−4.7			
			PcP	15 29 57.0	0.7			
			S	15 38 02.2	1.9			
			sS	15 38 10.0	−4.7			
			ScS	15 39 16.0	3.9			
			eSS	15 42 10.0	−3.2			
			LE		M_S = 5.0	14.0	0.50	
			LZ		M_S = 4.9	22.0	0.90	
LSA	66.3	307	P	15 29 35.0	0.9			
			S	15 38 22.0	2.9			
			sS	15 38 29.0	−4.5			
WMQ	74.8	319	P	15 30 25.5	0.1			
			pP	15 30 31.0	−2.1			
			sP	15 30 34.0	−2.5			
			PcP	15 30 40.0	1.3			
			eS	15 39 59.0	−0.9			
			sS	15 40 11.5	−1.2			
			LZ		M_S = 5.1	20.0	0.90	

JAN 3d 18h 01m 18.2 ± 0.03s, SD0.87 / 22
7.14 S ± 0.33km, 148.58 E ± 0.51km, h36 ± 0.18km
Eastern New Guinea region (207)
m_b5.0 / 8,

LZH	60.1	319	eP	18 11 24.0	−1.0			
			PMZ		m_b = 5.1	1.6	0.035	
GTA	64.6	320	eP	18 11 54.6	−0.4			
LSA	66.2	307	+P	18 12 07.0	1.6			

JAN 3d 18h 36m 58.1 ± 0.05s, SD1.85 / 95
33.40 N ± 0.64km, 132.41 E ± 0.68km, h75 ± 0.75km
Kyushu (235)
M_S4.6 / 21, m_B5.5 / 1, m_b4.9 / 27

SSE	9.8	259	+P	18 39 17.0	−1.2			
			PMZ		m_b = 4.7	1.0	0.015	
			sS	18 41 04.0	−5.6			
			LN		M_S = 4.6	14.0	2.10	
			LE			13.0	2.80	
			LZ		M_S = 4.3	20.0	2.80	
SNY	10.9	323	eP	18 39 34.2	0.2			
			eS	18 41 34.0	−1.4			
			LN		M_S = 5.0	4.0	1.50	
			LE			5.0	2.00	
			LZ		M_S = 4.4	18.0	3.00	
NJ2	11.5	267	−P	18 39 42.8	1.4			
			PMZ		m_b = 5.4	1.0	0.060	
			PMZ			3.0	0.70	
			LN		M_S = 4.6	8.5	1.40	
			LE			6.0	0.70	
CN2	11.7	334	eP	18 39 47.6	3.2			
			epP	18 39 55.0	0.6			
			LN		M_S = 4.3	9.0	0.70	
			LE			9.0	0.70	
			LZ		M_S = 4.4	15.0	2.30	
TIA	12.9	287	eP	18 39 59.2	−0.6			
			eS	18 42 28.0	6.1			
			LN		M_S = 4.7	9.0	1.80	
			LZ		M_S = 4.4	16.0	2.30	
BJI	14.6	302	eP	18 40 21.0	−1.3			
			PMZ		m_b = 5.0	0.8	0.020	
			LZ		M_S = 4.4	18.0	2.10	
WHN	15.6	264	eP	18 40 34.5	−0.4			
			sP	18 40 55.0	−2.7			
			LN		M_S = 4.6	10.0	1.00	
			LE			11.0	1.20	
			LZ		M_S = 4.3	16.0	1.40	
TIY	16.8	290	eP	18 40 52.7	2.3			
			LE		M_S = 4.6	19.0	2.40	
			LZ		M_S = 4.5	18.0	2.10	
HHC	18.2	300	eP	18 41 08.2	0.9			
BTO	19.2	298	eP	18 41 19.0	−0.5			

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			eS	18 44 53.0	4.9			
			LN	M_S=4.6		15.0	0.90	
			LE			15.0	1.20	
XAN	19.5	278	eP	18 41 21.4	−1.2			
			pP	18 41 34.0	−3.0			
			S	18 44 58.0	4.5			
			LN	M_S=4.6		10.0	0.90	
GZH	19.7	243	eP	18 41 24.0	0.2			
			LN	M_S=4.6		12.0	0.90	
			LE			14.0	1.00	
			LZ	M_S=4.6		15.0	1.70	
GYA	23.3	260	P	18 42 00.2	−0.5			
			sS	18 46 30.0	−2.7			
			LN	M_S=4.9		12.0	0.90	
			LE			12.0	1.70	
			LZ	M_S=4.6		15.0	1.50	
LZH	23.6	285	eP	18 42 01.5	−1.8			
CD2	24.4	272	eP	18 42 09.4	−1.2			
			eS	18 46 27.6	5.5			
			LE	M_S=4.7		11.0	0.90	
			LZ	M_S=5.0		14.0	3.40	
GTA	26.8	292	eP	18 42 33.8	0.0			
			PMZ	m_b=4.4		1.2	0.010	
			PMZ	m_B=5.5		4.0	0.42	
			S	18 47 06.2	4.2			
			LE	M_S=4.6		14.0	0.90	
			LZ	M_S=4.5		22.0	1.30	
WMQ	36.1	300	eP	18 43 54.1	−0.7			
			LZ	M_S=4.6		20.0	1.00	

JAN 3d 19h 29m 45.4±0.06s, SD1.34/101
7.14 S±0.66km, 148.52 E±0.82km, h39±0.21km
Eastern New Guinea region (207)
M_S4.8/3, m_B5.5/1, m_b5.1/24

QZH	43.2	319	eP	19 37 44.4	−0.4			
SSE	46.1	327	−P	19 38 08.0	−0.5			
			PMZ	m_b=5.2		0.6	0.020	
			LN	M_S=4.7		14.0	0.40	
			LZ	M_S=4.5		20.0	0.50	
NJ2	48.2	326	−P	19 38 24.3	0.0			
			PMZ	m_b=5.4		0.6	0.030	
WHN	49.8	321	eP	19 38 38.5	1.9			
TIA	52.2	328	eP	19 38 55.4	0.0			
			LZ	M_S=4.8		18.0	0.80	
GYA	52.6	311	P	19 38 58.0	0.1			
CN2	54.8	340	P	19 39 16.0	1.4			
			epP	19 39 26.0	0.8			
			eS	19 46 50.0	−1.5			
			LN	M_S=4.9		15.0	0.40	
			LE			15.0	0.40	
			LZ	M_S=5.2		15.0	1.50	
XAN	55.5	320	−iP	19 39 18.5	−1.1			
BJI	55.6	330	eP	19 39 18.5	−1.8			
			PMZ	m_b=5.0		1.6	0.030	
			LZ	M_S=4.9		16.0	0.90	
TIY	55.9	326	eP	19 39 22.0	−0.3			
			PcP	19 40 22.0	2.3			
			LZ	M_S=4.5		30.0	0.60	
CD2	57.1	314	eP	19 39 30.6	−0.7			
HHC	58.6	328	eP	19 39 41.8	0.3			
BTO	59.2	327	eP	19 39 45.1	−0.9			
LZH	60.1	319	−iP	19 39 51.5	−0.2			
			PMZ	m_b=5.4		1.5	0.082	
			eS	19 48 00.0	−0.4			
			LZ	M_S=4.5		16.0	0.29	
GTA	64.6	320	−iP	19 40 21.0	−0.8			
			PMZ	m_b=5.1		1.2	0.030	
			PMZ	m_B=5.5		4.0	0.25	
LSA	66.1	307	−P	19 40 34.0			1.9	
WMQ	74.6	319	P	19 41 23.3			0.0	
			pP	19 41 37.0			3.2	

JAN 3d 20h 38m 37.6±0.05s, SD1.49/116
1.99 N±0.69km, 126.72 E±1.10km, h83±0.29km
Molucca Passage (266)
M_S4.9/24, m_B5.5/3, m_b5.2/29

QZN	23.7	317	−P	20 43 42.0	−0.6			
			pP	20 44 00.0	−0.8			
			eS	20 47 49.0	0.6			
			LN	M_S=4.9		14.0	1.90	
			LE			13.5	1.20	
QZH	24.1	342	P	20 43 45.0	−2.1			
			pP	20 44 02.5	−2.9			
			eS	20 47 59.5	3.1			
			LN	M_S=5.1		23.0	4.80	
			LZ	M_S=5.0		32.0	7.40	
GZH	24.7	329	+iP	20 43 51.5	−0.8			
			S	20 48 05.0	0.4			
			LN	M_S=4.7		11.0	0.90	
			LZ	M_S=4.7		30.0	3.20	
SSE	29.4	350	−P	20 44 37.5	1.7			
			PMZ	m_b=4.6		1.0	0.012	
			pP	20 44 54.0	−0.6			
			eS	20 49 20.0	−2.7			
			LN	M_S=5.0		20.0	2.80	
			LE			18.0	0.90	
			LZ	M_S=4.6		20.0	1.40	
WHN	30.7	339	eP	20 44 50.5	3.1			
			LN	M_S=5.2		22.0	4.10	
			LZ	M_S=4.9		34.0	4.30	
NJ2	30.8	347	eP	20 44 47.0	−1.1			
			S	20 49 41.0	−2.8			
			LN	M_S=4.8		7.0	0.40	
			LE			10.0	0.50	
			LZ	M_S=4.5		23.0	1.20	
GYA	31.0	323	P	20 44 50.0	−0.3			
			S	20 49 46.0	−1.3			
			LN	M_S=4.9		12.0	0.80	
			LE			12.0	0.90	
			LZ	M_S=4.6		22.0	1.30	
KMI	32.6	317	−P	20 45 06.5	2.2			
			LE	M_S=4.7		15.0	0.90	
			LZ	M_S=4.9		20.0	2.30	
TIA	35.2	346	eP	20 45 26.4	0.3			
			LE	M_S=5.0		22.0	2.10	
			LZ	M_S=4.7		26.0	1.90	
XAN	36.0	334	+P	20 45 30.5	−2.2			
			S	20 51 00.0	−3.8			
			LN	M_S=5.3		20.0	3.60	
CD2	36.0	325	eP	20 45 33.0	−0.4			
			eS	20 51 07.5	1.4			
			LE	M_S=4.9		12.0	0.90	
			LZ	M_S=5.0		23.0	3.00	
TIY	37.9	341	eP	20 45 50.0	1.1			
			LN	M_S=5.4		28.0	5.70	
			LZ	M_S=5.0		27.0	3.40	
BJI	39.1	347	eP	20 45 57.5	−1.0			
			PMZ	m_b=5.2		1.0	0.036	
			eS	20 51 49.0	−2.8			
			LZ	M_S=4.8		25.0	1.90	
SNY	39.8	356	eP	20 46 04.4	0.1			
			PMZ	m_b=5.2		1.0	0.040	
			S	20 52 04.0	2.7			
			LZ	M_S=4.8		23.0	1.50	
LZH	40.0	331	eP	20 46 05.0	−1.4			
			PMZ	m_b=5.3		2.0	0.11	

			PMZ		$m_B = 5.5$		5.0	0.37
			pP	20 46 21.0		−4.7		
			LE		$M_S = 5.0$		19.0	1.57
			LZ		$M_S = 5.1$		28.0	4.17
HHC	41.0	342	eP	20 46 16.8		1.8		
			LZ		$M_S = 5.3$		26.0	4.90
BTO	41.3	341	eP	20 46 18.8		1.7		
CN2	41.6	359	eP	20 46 20.5		0.7		
			eS	20 52 30.0		−0.3		
			LN		$M_S = 4.7$		15.0	0.40
			LE				15.0	0.40
			LZ		$M_S = 5.2$		20.0	3.60
MDJ	42.5	3	eP	20 46 27.0		0.0		
			S	20 52 44.0		1.9		
LSA	43.6	313	P	20 46 37.4		1.2		
			eS	20 53 03.0		3.4		
			LN		$M_S = 5.4$		42.0	5.70
			LE				44.0	4.00
GTA	44.6	330	eP	20 46 39.8		−4.1		
			PMZ		$m_b = 4.7$		1.0	0.010
			PMZ		$m_B = 5.4$		6.0	0.34
			PP	20 48 27.0		−2.4		
			LE		$M_S = 5.0$		15.0	1.10
			LZ		$M_S = 5.2$		30.0	4.50
WMQ	54.1	326	P	20 47 57.7		0.6		
			LZ		$M_S = 5.0$		28.0	1.70

JAN 4d 06h 01m 45.0 ± 0.05s, SD2.05 / 14
43.69 N ± 0.52km, 86.91 E ± 0.38km, h17 ± 0.21km
Northern Xinjiang Province (332)
M_L3.9 / 8,

WMQ	0.6	78	Pg	06 01 57.4		1.6		
			Sg	06 02 07.2		3.2		
			SMN		$M_L = 3.6$		1.0	3.35
			SME				1.0	2.00
GTA	10.6	109	eP	06 04 18.0		−1.2		
LZH	15.0	115	eP	06 05 18.0		−0.9		
GYA	23.5	131	P	06 06 55.0		−0.3		

JAN 4d 06h 56m 25.9 ± 0.03s, SD1.29 / 49
49.60 S ± 0.84km, 117.27 E ± 0.97km, h10 ± 0.22km
South of Australia (437)
M_S5.4 / 3, m_B5.7 / 1, m_b5.3 / 13

KMI	75.5	346	+P	07 08 14.5		1.1		
			PMZ		$m_b = 5.7$		2.0	0.18
			LZ		$M_S = 5.1$		20.0	1.00
GYA	76.3	350	P	07 08 17.6		−0.1		
WHN	79.8	357	eP	07 08 38.0		1.1		
			LE		$M_S = 5.4$		19.0	1.10
			LZ		$M_S = 5.1$		20.0	0.80
CD2	81.0	348	eP	07 08 43.2		−0.3		
			LE		$M_S = 5.8$		18.0	2.20
			LZ		$M_S = 5.4$		16.0	1.30
LZH	86.1	349	−P	07 09 08.5		−1.1		
			PMZ		$m_b = 5.3$		1.8	0.048
			LN		$M_S = 5.2$		12.0	0.34
			LZ		$M_S = 5.0$		17.0	0.58
GTA	90.0	347	eP	07 09 31.2		3.3		
			PMZ		$m_b = 5.0$		1.0	0.010
			PMZ		$m_B = 5.7$		6.0	0.32
			LZ		$M_S = 4.9$		16.0	0.40

JAN 4d 09h 06m 30.2 ± 0.01s, SD1.86 / 6
23.81 N ± 0.18km, 121.63 E ± 0.16km, h15 ± 0.24km
Taiwan (244)
M_L3.5 / 5,

QZH	3.0	293	Pn	09 07 18.5		1.1		
			Sn	09 07 52.5		−2.4		
			SMN		$M_L = 3.6$		1.0	0.53
			SME				1.0	0.11

JAN 4d 13h 05m 29.9 ± 0.24s, SD2.75 / 6
23.82 N ± 1.74km, 121.27 E ± 1.34km, h11 ± 0.07km
Taiwan (244)
M_L3.6 / 5,

QZH	2.7	295	Pn	13 06 14.5		1.0		
			Sn	13 06 42.6		−5.4		
			SMN		$M_L = 3.7$		0.7	0.53
			SME				0.7	0.24

JAN 4d 15h 21m 35.9 ± 0.10s, SD1.45 / 112
23.31 S ± 0.59km, 66.66 W ± 0.52km, h203 ± 0.98km
Chile–Argentina border region (127)
m_b4.9 / 13,

WMQ	150.6	40	−iPKP	15 41 00.0		0.8		
GTA	160.3	32	−PKP	15 41 13.4		1.4		
			PKP2	15 41 54.2		−0.2		
HHC	162.4	4	ePKP	15 41 17.0		2.9		
TIY	165.6	3	ePKP	15 41 20.0		2.8		
XAN	168.6	19	+iPKP	15 41 21.0		1.9		

JAN 4d 17h 26m 15.3 ± 0.03s, SD1.28 / 50
26.67 S ± 0.52km, 176.36 W ± 0.80km, h33 ± 0.16km
Kermadec Islands region (177)
m_b5.0 / 10,

MDJ	86.4	325	eP	17 39 00.0		3.6		
BJI	91.3	315	eP	17 39 20.0		0.2		

JAN 5d 09h 18m 24.0 ± 0.10s, SD1.08 / 163
44.47 N ± 1.14km, 149.25 E ± 0.81km, h37 ± 0.50km
Kurile Islands region (222)
m_b5.1 / 66,

MDJ	14.0	278	eP	09 21 42.7		0.1		
SNY	18.9	271	+P	09 22 43.4		−0.9		
BJI	24.8	271	eP	09 23 43.5		−0.6		
			PMZ		$m_b = 4.5$		1.5	0.031
			LZ		$M_S = 4.2$		18.0	0.60
TIA	25.7	262	−P	09 23 53.0		0.0		
HHC	27.8	276	P	09 24 13.4		1.2		
TIY	28.4	269	eP	09 24 19.0		1.6		
			LZ		$M_S = 4.3$		18.0	0.60
BTO	29.0	276	eP	09 24 22.0		−0.8		
XAN	32.6	265	−iP	09 24 50.4		−4.6		
LZH	35.3	272	+iP	09 25 17.7		−0.1		
			PMZ		$m_b = 5.3$		1.5	0.089
			pP	09 25 30.0		2.4		
GTA	36.7	280	+P	09 25 29.8		0.1		
			PMZ		$m_b = 5.0$		0.8	0.020
			PcP	09 27 52.7		1.2		
CD2	38.0	265	P	09 25 40.5		−0.1		
GYA	38.6	257	+iP	09 25 45.0		−0.5		
WMQ	43.2	292	P	09 26 24.4		0.4		
			pP	09 26 29.5		−4.6		

JAN 5d 14h 57m 10.8 ± 0.04s, SD1.48 / 461
23.61 N ± 1.09km, 95.91 E ± 0.67km, h18 ± 0.17km
Burma (296)
M_S7.4 / 50, m_B6.8 / 37, m_b6.1 / 94

KMI	6.4	75	−Pn	14 58 48.0		2.9		
			PMZ		$m_B = 6.7$		8.0	52.2
			S	15 00 05.0		4.6		
LSA	7.4	326	ePn	14 59 04.0		5.0		
			LE		$M_S = 6.9$		18.0	1563
CD2	10.1	42	−iP	14 59 39.5		1.5		
			PMZ		$m_B = 7.2$		6.0	41.7
			lS	15 01 37.0		5.2		

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			LE		$M_S=7.6$		10.0	2688
GYA	10.2	72	−iP	14 59 37.6		−1.6		
			PMZ		$m_B=6.7$		4.0	8.50
			pP	14 59 44.0		−0.9		
			PP	14 59 47.0		0.0		
			S	15 01 39.0		5.8		
			LN		$M_S=7.2$		10.0	799
			LE				10.0	562
QZN	13.8	107	+P	15 00 24.0		−3.6		
			PMZ		$m_b=6.1$		1.0	0.40
			PMZ		$m_B=6.3$		6.0	4.00
			S	15 02 54.0		−6.6		
			LN		$M_S=7.6$		14.0	2109
LZH	14.2	27	−iP	15 00 33.8		0.1		
			PMZ		$m_b=6.3$		1.8	1.18
			PMZ		$m_B=7.2$		8.0	39.8
			pP	15 00 42.0		3.1		
			PP	15 00 48.0		3.5		
			S	15 03 15.0		3.9		
			sS	15 03 20.0		−0.5		
			SS	15 03 33.0		5.6		
			LE		$M_S=7.6$		13.0	2209
XAN	15.4	45	−iP	15 00 47.5		−1.8		
			PMZ		$m_B=6.9$		6.0	31.0
			pP	15 00 54.5		−0.3		
			sP	15 00 59.5		0.8		
			PP	15 01 00.5		−0.6		
			LN		$M_S=7.4$		12.0	719
			LE				12.0	806
GZH	16.0	88	−P	15 00 56.0		−1.1		
			PMZ		$m_B=6.5$		7.0	17.0
			S	15 03 52.0		−1.8		
			LN		$M_S=7.7$		18.0	2649
			LE				10.0	833
			LZ		$M_S=6.7$		10.0	210
GTA	16.1	11	+iP	15 00 57.8		−0.5		
			PMZ		$m_b=6.7$		1.4	4.47
			PMZ		$m_B=6.5$		10.0	22.6
			sP	15 01 09.0		1.4		
			SMN				20.0	183
			SME				20.0	149
			sS	15 04 06.0		0.7		
			SS	15 04 10.0		−4.5		
			LE		$M_S=7.2$		15.0	713
			LZ		$M_S=6.9$		22.0	743
WHN	17.8	63	−iP	15 01 20.0		0.4		
			PMZ		$m_b=6.3$		1.5	2.30
			PMZ		$m_B=6.8$		9.0	40.7
			sP	15 01 29.5		0.4		
			S	15 04 39.0		4.3		
			LE		$M_S=7.5$		11.0	1100
TIY	19.9	41	−iP	15 01 45.0		−0.1		
			PMZ		$m_B=6.8$		10.0	40.7
			S	15 05 26.0		3.1		
			LE		$M_S=7.6$		9.0	790
BTO	20.7	32	−iP	15 01 52.5		−0.3		
			PMZ		$m_B=7.0$		6.0	38.7
			sP	15 02 03.0		0.5		
			PP	15 02 15.0		1.2		
			S	15 05 43.0		5.4		
QZH	20.7	82	−P	15 01 51.0		−2.1		
			PMZ		$m_B=6.9$		8.0	47.6
			sP	15 02 03.0		0.1		
			iS	15 05 44.0		5.1		
			sS	15 05 54.0		5.0		
			LE		$M_S=7.5$		8.0	611
WMQ	21.3	343	iP	15 02 00.4		1.7		
			LN		$M_S=7.7$		12.0	908
			LE				12.0	936
HHC	21.6	34	−P	15 02 04.0		1.4		
			PMZ		$m_B=6.9$		4.0	70.0
			eS	15 06 03.0		6.3		
			LN		$M_S=7.5$		12.0	786
NJ2	21.9	62	−iP	15 02 05.0		−0.4		
			PMZ		$m_b=6.2$		1.6	1.90
			PMZ		$m_B=6.7$		5.0	16.5
			iS	15 06 02.0		0.1		
			LE		$M_S=7.6$		9.0	724
TIA	22.2	51	−P	15 02 07.9		−0.3		
			PMZ		$m_B=6.8$		8.5	31.5
			pP	15 02 15.0		0.3		
			LN		$M_S=7.9$		11.0	459
			LE				11.0	1625
KSH	23.2	318	+iP	15 02 22.0		4.0		
SSE	23.6	66	−iP	15 02 21.0		−1.0		
			PMZ		$m_b=6.5$		1.5	2.80
			PMZ		$m_B=6.7$		4.0	11.3
			sP	15 02 34.0		2.1		
			S	15 06 38.0		6.4		
			PcS	15 09 44.0		−1.7		
			LN		$M_S=7.9$		14.0	1923
			LE				14.0	655
BJI	23.7	41	−P	15 02 24.0		1.5		
			PMZ		$m_b=5.7$		1.2	0.39
			LN		$M_S=7.6$		14.0	1019
DL2	26.6	49	−iP	15 02 51.0		0.4		
			PMZ		$m_b=6.7$		0.8	1.40
			PMZ		$m_B=7.1$		10.0	41.5
			S	15 07 28.0		5.8		
			LN		$M_S=7.6$		13.0	561
			LE				13.0	737
SNY	29.3	45	−iP	15 03 14.0		−1.1		
			PMZ		$m_b=6.2$		1.4	0.70
			PMZ				18.0	28.2
			pP	15 03 19.0		−2.8		
			PP	15 04 07.0		−2.6		
			S	15 08 08.0		2.4		
			LN		$M_S=7.6$		17.0	819
			LE				17.0	344
CN2	31.5	43	−P	15 03 34.0		−0.4		
			PMZ		$m_b=5.9$		1.0	0.20
			PMZ		$m_B=7.0$		5.0	13.0
			sP	15 03 40.0		−4.3		
			eS	15 08 37.0		−3.8		
			LN		$M_S=7.5$		15.0	369
			LE				15.0	427
MDJ	34.5	44	+P	15 04 01.0		0.4		
			PP	15 05 17.0		0.7		
			PPMZ				9.0	12.5
			iS	15 09 33.0		5.3		
			sS	15 09 40.0		1.0		
			LN		$M_S=7.5$		18.0	213
			LE				18.0	622

JAN 5d 15h 44m 59.1 ± 0.04s, SD1.52 / 20
5.45 N ± 0.86km, 94.20 E ± 0.60km, h29 ± 0.40km
Off west coast of Northern Sumatera (705)
m_b4.8 / 4,

QZN	20.4	47	eP	15 49 35.4	−0.9
GYA	24.0	28	P	15 50 12.0	−1.1
CD2	26.9	18	eP	15 50 37.4	−2.3

JAN 5d 16h 04m 11.0 ± 0.05s, SD1.84 / 131
23.98 N ± 0.79km, 95.94 E ± 0.61km, h11 ± 0.07km
Burma (296)
M_S5.4 / 11, M_L4.9 / 2, m_B4.6 / 1,

KMI	6.3	78	ePn	16 05 45.5	1.0		
			LN	$M_S = 5.4$		10.0	30.0
			LE			9.0	19.2
LSA	7.1	324	Pn	16 06 01.0	4.9		
			Sn	16 07 23.0	4.1		
CD2	9.8	43	eP	16 06 36.2	1.2		
			PMZ	$m_b = 5.7$		2.0	0.50
GYA	10.0	74	P	16 06 37.8	−0.5		
			LN	$M_S = 5.5$		12.0	24.6
			LE			14.0	9.10
QZN	13.8	108	eP	16 07 30.0	0.2		
			eS	16 10 02.0	−2.7		
			LN	$M_S = 5.7$		15.0	27.9
			LE			14.0	14.7
LZH	13.9	28	P	16 07 29.0	−1.2		
			PMZ	$m_b = 5.4$		1.5	0.13
			sP	16 07 39.0	0.9		
			eS	16 10 10.0	4.6		
			LE	$M_S = 5.3$		12.0	9.54
			LZ	$M_S = 5.3$		15.0	13.9
XAN	15.1	46	P	16 07 44.5	−2.2		
			LN	$M_S = 5.8$		14.0	20.8
			LE			12.0	22.7
GTA	15.7	11	+iP	16 07 59.0	4.4		
			PMZ	$m_b = 5.0$		1.4	0.10
WHN	17.6	64	eP	16 08 20.0	1.7		
TIY	19.6	42	−iP	16 08 43.2	0.2		
WMQ	20.9	343	−iP	16 08 57.0	0.6		
			PMZ	$m_b = 5.7$		2.5	0.82
			LZ	$M_S = 5.7$		15.0	21.9
HHC	21.3	34	P	16 09 05.2	4.6		
			PMZ	$m_b = 5.6$		1.8	0.50
NJ2	21.7	63	−P	16 09 05.0	0.3		
			PMZ	$m_b = 5.5$		1.6	0.30
KSH	22.9	317	eP	16 09 21.0	4.2		
			LN	$M_S = 5.9$		12.0	17.5
BJI	23.4	42	+P	16 09 22.0	1.1		
			PMZ	$m_b = 5.5$		1.5	0.31
SSE	23.4	67	−P	16 09 22.5	0.9		
			PMZ	$m_b = 5.4$		1.5	0.21
DL2	26.4	50	eP	16 09 49.3	−0.2		
			PMZ	$m_b = 5.7$		1.2	0.20
SNY	29.1	46	+iP	16 10 12.7	−1.1		
			PMZ	$m_b = 5.8$		1.8	0.30
CN2	31.2	43	eP	16 10 31.0	−2.1		
MDJ	34.2	45	+P	16 11 02.0	2.6		

JAN 5d 16h 21m 02.5 ± 0.03s, SD0.99 / 90
65.53 N ± 0.41km, 134.02 W ± 0.40km, h17 ± 0.08km
Northern Yukon Territory (677)
m_b5.0 / 21,

CN2	55.1	300	eP	16 30 36.2	−0.6		
BJI	61.7	305	eP	16 31 23.0	0.2		
GTA	67.4	317	eP	16 32 00.0	0.0		
			PMZ	$m_b = 4.6$		1.2	0.010
LZH	69.3	313	P	16 32 12.5	0.6		
			PMZ	$m_b = 5.0$		1.5	0.031
			pP	16 32 21.5	3.2		

JAN 6d 03h 01m 58.2 ± 0.04s, SD1.27 / 395
0.61 N ± 0.88km, 98.51 E ± 0.87km, h56 ± 0.28km
Northern Sumatera (706)
M_S5.1 / 39, m_B5.9 / 6, m_b5.8 / 112

QZN	21.4	31	eP	03 06 44.0	0.4		
			PMZ	$m_b = 5.5$		0.9	0.20
			PP	03 07 10.0	1.8		
			eS	03 10 37.0	4.5		
			SS	03 11 13.0	4.1		
			LN	$M_S = 4.8$		16.0	1.60
			LE			16.0	1.30
KMI	24.7	9	+P	03 07 17.5	1.2		
			PMZ	$m_b = 5.5$		0.6	0.12
			pP	03 07 29.0	0.0		
			eS	03 11 36.0	4.4		
			LE	$M_S = 4.9$		8.0	1.20
			LZ	$M_S = 5.1$		19.0	5.30
GZH	26.6	32	+P	03 07 33.0	−0.4		
			eS	03 12 03.5	1.8		
			LN	$M_S = 5.0$		14.0	2.10
			LE			15.0	1.10
			LZ	$M_S = 5.0$		15.0	3.30
GYA	26.9	16	P	03 07 35.6	−0.6		
			PMZ	$m_b = 5.8$		1.4	0.30
			pP	03 07 49.0	−0.1		
			PcP	03 10 57.4	0.7		
			S	03 12 10.0	4.4		
			ScP	03 14 32.0	1.5		
			ScS	03 18 23.2	3.2		
			LN	$M_S = 5.1$		14.0	2.60
			LE			14.0	1.10
			LZ	$M_S = 4.8$		20.0	2.50
LSA	29.8	347	+iP	03 08 03.0	0.5		
			pP	03 08 15.0	−0.3		
			S	03 12 57.0	5.1		
			sS	03 13 21.0	5.1		
			PcS	03 14 45.0	−0.8		
			LZ	$M_S = 4.6$		18.0	1.10
CD2	30.5	9	+P	03 08 07.4	−1.6		
			PMZ	$m_b = 5.7$		0.8	0.10
			S	03 13 08.0	3.9		
			LZ	$M_S = 5.3$		20.0	7.20
QZH	31.0	37	P	03 08 12.8	−0.3		
WHN	33.4	25	+iP	03 08 35.5	2.0		
			pP	03 08 44.0	−2.9		
			iPcP	03 11 15.6	2.1		
			eS	03 13 53.0	4.0		
			LE	$M_S = 4.9$		13.0	1.10
			LZ	$M_S = 4.4$		20.0	0.80
XAN	34.7	15	+iP	03 08 43.6	−1.2		
			PMZ	$m_b = 6.2$		1.0	0.40
			PMZ	$m_B = 5.9$		4.0	0.70
			PcP	03 11 18.2	1.0		
			S	03 14 09.0	0.7		
			LN	$M_S = 5.2$		16.0	2.40
			LE			12.0	0.80
LZH	35.6	7	+iP	03 08 53.3	0.0		
			PMZ	$m_b = 5.9$		2.0	0.44
			PMZ	$m_B = 5.9$		4.0	0.75
			PP	03 10 19.0	5.3		
			PcP	03 11 22.0	2.0		
			eS	03 14 24.0	−0.7		
			ScS	03 19 06.5	3.3		
			LN	$M_S = 5.0$		15.0	1.42
			LZ	$M_S = 5.1$		20.0	3.40
NJ2	36.7	30	+iP	03 09 02.4	0.4		
			PMZ	$m_b = 6.0$		0.8	0.20
			PMZ			3.0	0.60
			PcP	03 11 24.3	1.1		
			eS	03 14 40.0	−0.7		
			LN	$M_S = 5.0$		13.0	1.10
			LE			14.0	0.90
			LZ	$M_S = 4.6$		18.0	1.00
SSE	37.2	33	−P	03 09 06.0	0.1		
			PMZ	$m_b = 5.6$		1.3	0.12
			pP	03 09 19.0	−0.5		
			PcP	03 11 25.2	0.6		

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			S	03 14 48.0	1.2			
			ePcS	03 15 12.0	0.4			
			LN	M_S=5.3		16.0	2.50	
			LE			15.0	1.60	
			LZ	M_S=5.1		20.0	2.80	
GTA	38.6	2	+iP	03 09 18.4	0.0			
			PMZ	m_b=6.0		1.1	0.25	
			PMZ			3.3	1.27	
			pP	03 09 29.8	−2.0			
			sP	03 09 36.8	−1.1			
			PP	03 10 48.0	−2.5			
			PcP	03 11 30.2	1.1			
			ScP	03 15 12.0	1.3			
			eS	03 15 11.0	0.6			
			PcS	03 15 18.0	0.9			
			eSS	03 17 52.0	−0.9			
			ScS	03 19 22.0	2.0			
			LN	M_S=5.0		15.0	1.40	
			LZ	M_S=4.8		25.0	1.80	
TIY	39.1	18	+P	03 09 23.0	0.9			
			S	03 15 19.0	3.0			
			sS	03 15 46.0	5.5			
			LN	M_S=5.1		14.0	1.60	
			LZ	M_S=4.9		20.0	2.00	
TIA	39.4	24	+P	03 09 24.6	−0.1			
			PMZ	m_b=6.3		1.1	0.50	
			pP	03 09 39.5	1.2			
			LN	M_S=5.0		14.0	0.80	
			LE			14.0	0.80	
			LZ	M_S=4.9		20.0	1.70	
BTO	41.2	13	+iP	03 09 40.0	0.8			
			PMZ	m_B=6.1		4.0	1.10	
			pP	03 09 51.0	−1.7			
			ePP	03 11 20.0	2.8			
			eS	03 15 52.0	4.0			
			LN	M_S=5.3		16.0	2.40	
			LE			14.0	1.00	
HHC	41.8	15	+iP	03 09 46.0	1.8			
			PMZ	m_b=6.4		0.8	0.49	
			sP	03 10 00.0	−3.8			
			S	03 16 01.0	5.1			
			SMN			10.0	0.30	
			sS	03 16 15.0	−5.4			
			LN	M_S=5.2		16.0	1.70	
			LZ	M_S=5.3		18.0	4.10	
BJI	42.4	20	+P	03 09 50.5	1.1			
			PMZ	m_b=6.4		0.8	0.49	
			eS	03 16 08.0	1.6			
			LN	M_S=4.9		14.0	0.85	
			LZ	M_S=4.8		18.0	1.17	
DL2	43.6	26	+iP	03 09 59.5	0.4			
			pP	03 10 13.0	0.2			
			LN	M_S=5.1		14.0	0.90	
			LE			14.0	0.90	
			LZ	M_S=4.9		18.0	1.21	
WMQ	44.1	349	+iP	03 10 04.0	0.9			
			PMZ	m_b=6.1		1.0	0.30	
			PP	03 11 42.0	−5.1			
			S	03 16 32.0	2.3			
			SMN			2.5	0.10	
			sS	03 16 52.0	−2.4			
			ScS	03 19 56.5	3.8			
			LZ	M_S=4.6		32.0	1.10	
SNY	46.8	26	+iP	03 10 23.0	−1.9			
			PMZ	m_b=6.1		1.2	0.30	
			pP	03 10 37.5	−1.2			
			S	03 17 08.0	−1.2			
			sS	03 17 37.0	2.9			
			LN	M_S=5.4		16.0	1.60	
			LE			15.0	1.50	
			LZ	M_S=4.9		24.0	1.80	
CN2	49.3	26	+iP	03 10 42.8	−0.9			
			PMZ	m_b=6.0		1.0	0.20	
			PMZ	m_B=5.9		4.0	0.60	
			pP	03 10 55.0	−2.4			
			LN	M_S=5.2		15.0	0.90	
			LE			15.0	0.90	
			LZ	M_S=5.3		17.0	2.70	
MDJ	51.8	28	+iP	03 11 02.3	−0.4			
			PMZ	m_b=5.8		0.8	0.10	
			eS	03 18 16.0	−2.8			
			LE	M_S=5.5		16.0	2.40	
			LZ	M_S=4.5		28.0	0.70	

JAN 6d 13h 07m 34.3±0.03s, SD1.66/84
43.38 N±0.70km, 82.92 E±0.52km, h12±0.08km
Northern Xinjiang Province (332)
M_S4.3/5, M_L4.7/5, m_b4.7/34

WMQ	3.5	81	Pn	13 08 32.9	3.8			
			Sg	13 09 25.0	0.9			
			SMN	M_L=4.8		1.0	2.00	
			SME			2.0	3.70	
			LE	M_S=4.1		6.0	2.10	
GTA	13.3	102	eP	13 10 44.4	−1.5			
			sP	13 10 55.4	1.4			
			LE	M_S=4.3		7.5	0.60	
			LZ	M_S=4.2		6.0	0.50	
LZH	17.6	107	eP	13 11 40.5	−1.6			
			PMZ	m_b=4.5		1.5	0.037	
			sP	13 11 46.0	−4.3			
			LN	M_S=4.2		7.0	0.23	
			LE			8.0	0.25	
			LZ	M_S=4.1		8.0	0.36	
BTO	20.3	89	eP	13 12 10.9	−2.4			
CD2	20.7	120	eP	13 12 16.4	−0.9			
HHC	21.4	87	P	13 12 24.0	−0.2			
XAN	22.3	106	−P	13 12 32.5	−0.6			
TIY	23.1	94	eP	13 12 42.0	0.9			
			LN	M_S=4.5		7.0	0.40	
			LZ	M_S=4.3		10.0	0.50	
KMI	24.4	132	eP	13 12 55.0	1.0			
BJI	25.0	86	eP	13 13 00.0	0.6			
GYA	25.6	123	P	13 13 06.6	0.6			
WHN	28.0	107	−P	13 13 29.5	1.8			
			pP	13 13 34.0	0.6			

JAN 6d 15h 46m 38.4±0.04s, SD1.86/88
38.82 N±0.72km, 88.26 E±0.58km, h22±0.05km
Southern Xinjiang Province (321)
M_S4.2/6, M_L4.9/9, m_b4.7/30

WMQ	5.0	355	−iPn	15 47 56.6	3.8			
			Sg	15 49 17.4	2.2			
			SMN			2.0	6.50	
			SME			1.5	9.40	
			LZ	M_S=3.9		12.0	1.40	
GTA	9.0	83	eP	15 48 48.4	−2.1			
			LN	M_S=4.2		10.0	0.80	
			LE			8.0	0.70	
			LZ	M_S=4.0		12.0	0.90	
CD2	15.0	117	eP	15 50 14.4	3.7			
BTO	16.8	77	eP	15 50 35.0	0.2			
XAN	17.3	100	eP	15 50 45.0	4.6			
TIY	19.0	86	eP	15 50 57.7	−4.0			
			LN	M_S=4.3		7.0	0.37	
			LZ	M_S=4.3		12.0	0.72	
GYA	19.8	123	P	15 51 09.0	−1.2			

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			pP	15 51 15.6	−1.1		
BJI	21.6	78	eP	15 51 29.0	0.2		
			PMZ	m_b = 4.3		1.0	0.014
			pP	15 51 33.5	−2.4		
			LN	M_S = 4.2		10.0	0.38
TIA	23.0	87	eP	15 51 44.0	0.8		

JAN 7d 02h 32m 11.4 ± 0.04s, SD1.37 / 78
55.48 S ± 1.31km, 1.63 W ± 1.16km, h10 ± 0.29km
South Atlantic Ridge (410)
m_b5.5 / 11,

WMQ	124.2	61	PKP	02 51 11.5	−0.2		
LZH	127.2	79	ePKP	02 51 17.5	−0.1		
			LZ	M_S = 4.8		30.0	0.30
GTA	127.4	73	+iPKP	02 51 18.0	0.1		
			LZ	M_S = 5.3		25.0	0.70
XAN	128.6	84	PKP	02 51 19.6	−0.6		
BJI	136.9	84	ePKP	02 51 33.5	−2.2		
			LZ	M_S = 5.3		23.0	0.62
CN2	144.6	87	PKP	02 51 47.4	−2.0		
MDJ	147.5	89	ePKP	02 51 56.0	1.7		

JAN 7d 10h 50m 36.0 ± 0.04s, SD1.21 / 61
0.17 S ± 0.54km, 122.82 E ± 1.03km, h168 ± 0.28km
Minahassa Peninsula (Celebes) (265)
m_b5.0 / 18,

QZN	22.9	327	eP	10 55 26.9	0.3		
GYA	30.7	331	P	10 56 37.4	−0.4		
WHN	31.6	346	eP	10 56 48.0	2.7		
CD2	35.8	331	eP	10 57 20.6	−0.9		
XAN	36.4	340	P	10 57 26.5	−0.2		
TIY	38.9	347	eP	10 57 47.5	0.2		
GTA	44.7	334	+P	10 58 34.1	−0.1		
			PMZ	m_b = 4.4		1.0	0.010
	53.8	329	eP	10 59 44.0	−0.2		
			pP	11 00 21.0	−0.8		
WMQ							

JAN 7d 15h 43m 29.1 ± 0.05s, SD2.37 / 22
36.16 N ± 0.55km, 122.06 E ± 0.71km, h19 ± 0.41km
Yellow Sea (665)
M_L3.9 / 17, m_b3.7 / 1,

DL2	2.8	353	Pn	15 44 14.5	1.5		
			Pg	15 44 21.5	3.5		
			Sg	15 44 57.5	1.7		
			SMN	M_L = 3.9		0.6	0.46
			SME			0.6	0.57
TIA	4.0	272	ePn	15 44 29.6	−0.3		
			Pg	15 44 38.0	−1.6		
			SMN	M_L = 3.9		0.5	0.30
			SME			0.5	0.20
			SMZ	M_L = 4.1		0.6	0.30
NJ2	4.9	214	Pg	15 44 53.5	−2.0		
			Sg	15 45 55.6	−6.6		
			SMN	M_L = 3.9		0.5	0.10
			SME			0.3	0.20
SSE	5.1	188	−Pn	15 44 48.0	2.8		
			SMN	M_L = 3.4		0.5	0.025
			SME			0.5	0.061
SNY	5.8	11	ePn	15 44 56.4	1.9		
			Sg	15 46 30.6	0.3		
			SMN	M_L = 4.3		0.6	0.10
			SME			1.4	0.40
BJI	6.0	312	Pn	15 44 57.5	−0.6		
			SMN	M_L = 3.5		0.8	0.036
			SME			0.7	0.028
TIY	7.9	284	ePg	15 45 52.1	3.9		

JAN 8d 02h 06m 55.7 ± 0.06s, SD1.83 / 30
4.69 S ± 0.83km, 145.81 E ± 2.01km, h24 ± 0.17km
Eastern New Guinea region (207)
m_b5.1 / 9,

XAN	51.9	321	P	02 16 05.5	0.2		
LZH	56.4	319	eP	02 16 39.0	0.4		
			PMZ	m_b = 4.8		1.4	0.016
			sP	02 16 52.0	2.3		
GTA	61.0	320	−iP	02 17 11.0	0.8		
			PMZ	m_b = 4.7		1.0	0.010
WMQ	71.0	319	P	02 18 15.0	0.6		

JAN 8d 09h 45m 21.3 ± 0.05s, SD1.34 / 56
2.44 N ± 0.95km, 128.29 E ± 1.10km, h52 ± 0.19km
Djailolo Gilolo (Halmahera) (267)
m_b5.0 / 15,

XAN	36.3	332	P	09 52 20.6	−1.4		
CD2	36.6	323	eP	09 52 23.8	−1.0		
TIY	38.0	339	eP	09 52 39.0	2.4		
BJI	39.0	345	eP	09 52 43.5	−1.3		
LZH	40.4	329	−iP	09 52 57.0	0.4		
			PMZ	m_b = 5.4		1.5	0.088
			pP	09 53 09.5	0.3		
			sP	09 53 13.5	−1.3		
			LZ	M_S = 4.0		25.0	0.26
MDJ	42.0	1	eP	09 53 09.5	−0.2		
GTA	45.0	329	−P	09 53 33.6	−0.4		
			PMZ	m_b = 4.7		1.0	0.010
WMQ	54.7	325	+iP	09 54 47.5	−0.4		

JAN 8d 19h 00m 26.9 ± 0.06s, SD4.44 / 6
23.57 N ± 0.24km, 99.32 E ± 0.84km, h4 ± 1.19km
Burma–China border region (297)
M_L3.8 / 5,

KMI	3.5	63	ePg	19 01 30.0	1.1		
			Sg	19 02 14.2	−2.2		
			SMN	M_L = 3.5		1.2	0.18
			SME			1.0	0.11

JAN 8d 19h 03m 30.8 ± 0.04s, SD3.95 / 5
23.52 N ± 0.15km, 99.29 E ± 0.52km, h22 ± 0.74km
Burma–China border region (297)
M_L3.5 / 5,

KMI	3.5	62	ePg	19 04 34.5	0.7		
			Sg	19 05 19.0	−3.1		
			SMN	M_L = 3.4		1.5	0.10
			SME			1.5	0.10

JAN 8d 21h 06m 35.4 ± 0.04s, SD1.41 / 16
2.23 N ± 0.80km, 97.04 E ± 0.54km, h33 ± 0.23km
Off west coast of Northern Sumatera (705)
m_b5.2 / 2,

GTA	37.1	4	eP	21 13 43.0	−1.9		
WMQ	42.2	350	eP	21 14 27.0	−0.5		

JAN 8d 22h 04m 09.4 ± 0.05s, SD1.21 / 508
18.03 S ± 1.04km, 173.51 W ± 1.07km, h32 ± 0.15km
Tonga (173)
M_S5.9 / 35, m_B6.1 / 14, m_b6.1 / 88

QZH	78.7	301	−P	22 16 11.0	0.1		
			PMZ	m_b = 5.6		1.0	0.080
			S	22 26 06.0	2.4		
			LZ	M_S = 5.6		20.0	3.10
SSE	79.5	308	−P	22 16 13.5	−1.6		
			sP	22 16 26.0	−2.3		
			sS	22 26 33.0	4.2		
			LN	M_S = 6.0		22.0	2.50
			LE			22.0	3.90
			LZ	M_S = 5.5		20.0	2.30

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MDJ	81.0	323	+P	22 16 22.5	−1.0			
			PMZ	m_b=6.4		1.2	0.50	
			pP	22 16 36.0	3.2			
			PP	22 19 34.0	4.2			
			SMN			17.0	4.50	
			LN	M_S=5.9		18.0	3.30	
			LZ	M_S=6.0		24.0	8.10	
NJ2	81.7	307	+P	22 16 27.0	0.2			
			PMZ	m_b=5.8		1.0	0.10	
			PMZ	m_B=5.8		5.0	0.60	
			sP	22 16 39.0	−1.0			
			LZ	M_S=5.5		28.0	2.80	
GZH	82.3	297	+P	22 16 30.0	0.0			
			S	22 26 46.0	5.0			
			LZ	M_S=5.5		32.0	3.60	
DL2	82.9	315	+iP	22 16 33.0	−0.3			
			PMZ	m_b=6.4		1.0	0.40	
			PMZ	m_B=6.1		5.0	1.10	
			SKS	22 26 52.0	4.6			
			LN	M_S=5.8		17.0	1.52	
			LE			17.0	1.82	
			LZ	M_S=5.6		24.0	3.30	
CN2	83.0	320	+iP	22 16 33.0	−0.8			
			PMZ	m_b=6.2		0.8	0.20	
			PMZ	m_B=6.1		5.0	1.00	
			eS	22 26 52.0	1.9			
			LN	M_S=5.9		18.0	1.70	
			LE			18.0	2.20	
			LZ	M_S=6.1		23.0	9.00	
SNY	83.1	318	+iP	22 16 34.0	−0.3			
			PMZ	m_b=6.3		1.3	0.40	
			PMZ	m_B=6.3		5.0	1.60	
			S	22 26 53.0	3.5			
			SMN			8.0	2.00	
			SME			10.0	1.20	
			SS	22 32 19.0	1.5			
			LN	M_S=5.8		19.0	2.30	
			LZ	M_S=5.7		22.0	3.50	
QZN	83.8	292	eP	22 16 33.0	−4.7			
			PP	22 19 49.0	−2.7			
			eS	22 26 54.0	−3.7			
			SMN			10.0	0.70	
			SME			11.0	1.00	
			LN	M_S=5.9		18.0	1.60	
			LE			19.0	2.30	
WHN	84.5	304	+P	22 16 42.7	1.6			
			PMZ	m_B=5.9		5.0	0.60	
			pP	22 16 54.2	3.6			
			S	22 27 06.0	3.1			
			LN	M_S=5.9		20.0	3.10	
			LZ	M_S=5.5		24.0	2.20	
TIA	84.8	311	+P	22 16 42.5	−0.4			
			PMZ			20.0	1.20	
			S	22 27 07.0	0.7			
			LN	M_S=5.9		20.0	2.20	
			LE			20.0	2.40	
			LZ	M_S=5.7		25.0	4.30	
BJI	87.2	314	+iP	22 16 54.5	0.0			
			PMZ	m_b=6.4		1.5	0.47	
			PMZ	m_B=6.2		5.0	1.02	
			eSKS	22 27 16.0	0.2			
			LE	M_S=5.8		20.0	2.55	
			LZ	M_S=5.8		24.0	4.13	
TIY	88.9	310	+iP	22 17 03.9	1.3			
			PMZ	m_b=6.2		1.0	0.20	
			pP	22 17 15.0	3.0			
			LE	M_S=6.1		22.0	5.00	
			LZ	M_S=5.9		24.0	5.40	
GYA	89.2	298	+iP	22 17 04.8	0.7			
			PMZ	m_b=6.2		1.0	0.30	
			PMZ	m_B=6.3		4.0	0.90	
			pP	22 17 17.0	3.5			
			S	22 27 52.0	4.4			
			LN	M_S=6.1		20.0	2.80	
			LE			20.0	3.30	
			LZ	M_S=5.3		36.0	2.00	
XAN	90.1	306	+iP	22 17 08.3	0.0			
			PMZ	m_b=6.0		1.0	0.10	
			pP	22 17 19.0	1.3			
			SKS	22 27 27.0	−6.7			
			LE	M_S=6.0		20.0	3.40	
HHC	90.7	313	+iP	22 17 11.8	0.4			
			PMZ	m_b=6.5		1.0	0.31	
			SKS	22 27 42.0	4.5			
			SMN			8.0	1.40	
			SME			8.0	1.30	
			LE	M_S=5.6		18.0	1.10	
BTO	91.7	312	+iP	22 17 16.5	0.5			
			sP	22 17 25.5	−3.7			
			eSKS	22 27 46.0	2.8			
			LN	M_S=6.0		20.0	2.90	
			LE			20.0	2.20	
KMI	92.1	296	+P	22 17 19.0	1.3			
			PMZ	m_b=6.2		1.5	0.19	
			pP	22 17 30.0	3.0			
			sP	22 17 36.0	5.2			
			LE	M_S=6.1		19.0	3.60	
			LZ	M_S=5.9		25.0	4.90	
CD2	93.1	301	−P	22 17 22.4	0.2			
			PMZ	m_b=5.9		1.6	0.10	
			SKS	22 27 56.0	5.0			
			LZ	M_S=5.8		23.0	3.70	
LZH	94.7	306	+iP	22 17 30.0	0.3			
			PMZ	m_b=6.3		1.5	0.18	
			PMZ			15.0	0.53	
			SME			17.0	1.58	
			LE	M_S=5.9		20.0	2.39	
			LZ	M_S=5.8		22.0	3.35	
GTA	98.7	309	+iP	22 17 47.5	−0.5			
			PMZ	m_b=5.8		1.0	0.020	
			PMZ			3.2	0.17	
			ePP	22 21 50.0	−0.5			
			SKS	22 28 25.0	3.8			
			S	22 29 14.0	3.7			
			LE	M_S=6.3		24.0	7.30	
			LZ	M_S=6.2		26.0	9.10	
WMQ	108.5	311	Pdif	22 18 31.0	−0.4			
			LN	M_S=5.9		18.0	1.50	
			LZ	M_S=6.1		24.0	6.10	

JAN 8d 23h 48m 46.4 ± 0.88s, SD3.63 / 6
23.98 N ± 6.88km, 120.96 E ± 5.64km, h10 ± 1.35km
Taiwan (244)
M_L3.1 / 5,

QZH	2.4	294	ePn	23 49 25.8	0.3		
			Sn	23 50 01.2	4.8		
			SMN	M_L=3.1		0.2	0.15
			SME			0.7	0.070

JAN 9d 00h 26m 14.6 ± 0.02s, SD2.22 / 10
38.09 N ± 0.25km, 99.79 E ± 0.22km, h6 ± 0.22km
Qinghai Province (325)
M_L3.7 / 5,

GTA	1.3	1	−iPg	00 26 37.0	−1.2		
			Sg	00 26 52.0	−4.1		
LZH	3.8	120	Pn	00 27 16.0	1.7		

			Pg	00 27 25.0	3.3			
			Sg	00 28 15.0	1.3			
			SMN	$M_L = 3.5$		0.5	0.12	
			SME			0.8	0.13	
WMQ	10.8	306	eP	00 28 52.6	−0.4			
			SMN			1.2	0.010	
			SME			1.0	0.010	

JAN 9d 01h 18m 20.1 ± 0.10s, SD2.42 / 22
20.81 N ± 1.05km, 120.45 E ± 1.34km, h32 ± 0.07km
Philippine Islands region (248)
M_L3.7 / 2, m_b4.2 / 2,

TIY	18.2	339	eP	01 22 28.1	−4.4			
BJI	19.5	350	eP	01 22 47.0	−0.7			
LZH	21.0	320	eP	01 23 02.5	−1.6			
			PMZ	$m_b = 4.4$		1.5	0.025	
			pP	01 23 09.5	−2.9			
BTO	21.6	338	eP	01 23 11.6	1.6			
CN2	23.3	9	eP	01 23 26.8	0.5			

JAN 9d 08h 41m 48.4 ± 0.05s, SD1.36 / 114
5.46 S ± 0.76km, 151.93 E ± 0.87km, h41 ± 0.09km
New Britain region (192)
M_S5.2 / 4, m_B5.9 / 1, m_b5.2 / 32

NJ2	48.8	322	+P	08 50 33.0	0.8			
			LZ	$M_S = 4.8$		19.0	0.90	
WHN	50.7	317	−P	08 50 49.5	2.6			
SNY	53.7	334	eP	08 51 12.0	2.9			
			LZ	$M_S = 4.8$		22.0	0.90	
GYA	54.1	308	P	08 51 12.6	0.3			
CN2	54.6	337	eP	08 51 17.0	1.6			
			LN	$M_S = 4.8$		14.0	0.30	
			LE			14.0	0.20	
			LZ	$M_S = 5.2$		16.0	1.70	
BJI	56.0	327	P	08 51 22.5	−3.1			
			LZ	$M_S = 5.0$		19.0	1.18	
XAN	56.5	317	+P	08 51 28.4	−1.2			
TIY	56.5	323	eP	08 51 29.4	−0.3			
			LN	$M_S = 5.3$		18.0	1.60	
			LZ	$M_S = 5.1$		22.0	1.60	
CD2	58.5	311	+P	08 51 43.0	−0.7			
			PMZ	$m_b = 5.5$		1.6	0.10	
			LZ	$M_S = 5.2$		22.0	1.90	
HHC	59.1	325	eP	08 51 47.0	−0.7			
BTO	59.8	324	eP	08 51 52.0	−0.8			
LZH	61.1	316	eP	08 52 01.0	−0.6			
			PMZ	$m_b = 5.2$		1.4	0.041	
			LZ	$M_S = 4.8$		21.0	0.73	
GTA	65.6	318	+iP	08 52 30.2	−0.7			
			PMZ	$m_b = 4.9$		1.2	0.020	
			PMZ			3.2	0.26	
			LE	$M_S = 5.3$		19.0	1.10	
			LZ	$M_S = 5.0$		20.0	0.90	
WMQ	75.6	318	P	08 53 31.5	−0.4			
			PMZ	$m_b = 5.0$		1.0	0.020	
			PMZ	$m_B = 5.9$		4.0	0.60	
			LZ	$M_S = 4.7$		20.0	0.40	

JAN 9d 12h 50m 36.2 ± 0.04s, SD1.93 / 12
37.92 N ± 0.38km, 112.54 E ± 0.39km, h12 ± 0.05km
North-Eastern China (658)
M_L3.1 / 11,

TIY	0.2	203	−iPg	12 50 42.1	1.3			
			SME	$M_L = 3.1$		0.4	2.40	
HHC	3.0	346	−iPg	12 51 30.2	0.4			
			Sg	12 52 08.2	−2.8			
			SMN	$M_L = 3.2$		0.8	0.10	
			SME			0.8	0.10	
BJI	3.5	52	Pg	12 51 40.5	1.5			
			SMN	$M_L = 3.1$		1.0	0.030	
			SME			1.0	0.064	
TIA	4.0	114	ePg	12 51 45.8	−1.8			
			SMN	$M_L = 3.0$		1.0	0.029	
			SME			0.6	0.027	
			SMZ	$M_L = 3.1$		0.8	0.026	
GTA	10.1	282	eP	12 53 00.0	−4.1			

JAN 9d 12h 53m 37.6 ± 0.05s, SD1.14 / 31
11.47 S ± 0.69km, 166.37 E ± 0.69km, h34 ± 0.39km
Santa Cruz Islands (184)
m_b5.2 / 8,

CN2	66.4	329	eP	13 04 25.0	−1.1			
XAN	70.9	312	+P	13 04 53.0	−0.8			
CD2	73.3	307	eP	13 05 08.0	−0.6			
LZH	75.5	312	+P	13 05 22.0	0.9			
			PMZ	$m_b = 5.1$		1.2	0.029	
GTA	79.8	314	+P	13 05 45.0	0.0			
			PMZ	$m_b = 4.7$		1.1	0.010	
WMQ	89.8	315	P	13 06 34.5	−0.6			

JAN 9d 15h 08m 53.6 ± 0.04s, SD1.29 / 311
5.34 S ± 0.92km, 151.86 E ± 0.96km, h27 ± 0.07km
New Britain region (192)
M_S5.9 / 52, m_B5.9 / 28, m_b5.7 / 77

QZH	44.2	314	+P	15 17 03.5	1.0			
			PMZ	$m_b = 5.7$		0.8	0.090	
			PMZ	$m_B = 6.0$		5.0	1.33	
			sP	15 17 18.0	3.6			
			LN	$M_S = 6.0$		20.0	8.70	
			LE			20.0	9.30	
			LZ	$M_S = 5.7$		20.0	9.80	
SSE	46.6	323	+P	15 17 22.5	0.9			
			PMZ	$m_b = 5.2$		1.3	0.041	
			PMZ	$m_B = 5.7$		7.0	0.80	
			sP	15 17 36.0	2.5			
			PcP	15 18 55.2	0.0			
			PP	15 19 11.0	0.4			
			LN	$M_S = 6.0$		20.0	11.4	
			LE			20.0	6.90	
			LZ	$M_S = 5.9$		20.0	13.3	
GZH	47.0	308	P	15 17 26.5	1.3			
			LE	$M_S = 5.9$		20.0	8.90	
			LZ	$M_S = 5.8$		20.0	11.3	
QZN	47.9	301	+P	15 17 33.0	0.7			
			PP	15 19 26.0	3.1			
			LN	$M_S = 5.8$		19.0	2.70	
			LE			21.0	6.50	
NJ2	48.7	322	+iP	15 17 39.0	1.1			
			PMZ	$m_B = 5.8$		6.5	0.90	
			PcP	15 19 03.5	0.8			
			S	15 24 38.0	1.2			
			LN	$M_S = 6.0$		18.0	8.50	
			LE			17.0	5.80	
			LZ	$M_S = 5.6$		20.0	6.50	
WHN	50.6	317	+P	15 17 55.5	2.8			
			PMZ	$m_b = 5.7$		1.0	0.10	
			PMZ	$m_B = 5.8$		6.0	0.80	
			LN	$M_S = 6.0$		20.0	7.20	
			LE			21.0	8.30	
			LZ	$M_S = 5.7$		22.0	7.50	
DL2	52.2	330	P	15 18 02.0	−2.5			
			pP	15 18 14.0	1.2			
			PP	15 20 04.0	1.2			
TIA	52.6	325	eP	15 18 07.0	−0.8			
			LN	$M_S = 5.9$		18.0	6.40	
			LE			18.0	3.50	

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			LZ		$M_S=5.7$		20.0	6.90
SNY	53.6	334	+P	15 18	12.5	−2.4		
			PMZ		$m_B=5.8$		7.0	1.00
			pP	15 18	26.0	2.7		
			LN		$M_S=5.7$		11.0	1.10
			LE				17.0	3.50
			LZ		$M_S=5.5$		22.0	4.70
MDJ	53.6	340	eP	15 18	14.5	−0.7		
			LN		$M_S=5.7$		18.0	2.00
			LE				20.0	3.50
			LZ		$M_S=5.6$		24.0	7.10
GYA	54.0	308	+iP	15 18	18.8	0.6		
			PMZ		$m_B=6.0$		5.0	1.00
			pP	15 18	29.0	2.5		
			S	15 25	52.0	2.3		
			sS	15 26	10.0	5.2		
			LN		$M_S=5.9$		20.0	4.40
			LE				20.0	6.40
			LZ		$M_S=5.6$		20.0	5.30
CN2	54.4	337	+P	15 18	19.4	−1.8		
			PMZ		$m_b=5.0$		1.0	0.020
			PMZ		$m_B=5.8$		5.0	0.70
			epP	15 18	30.0	0.4		
			PP	15 20	24.0	0.1		
			ScP	15 23	14.0	−4.6		
			LN		$M_S=5.8$		16.0	4.50
			LE				16.0	1.50
			LZ		$M_S=6.1$		16.0	13.3
BJI	55.8	327	eP	15 18	30.5	−0.9		
			PMZ		$m_b=5.2$		1.0	0.035
			PMZ		$m_B=5.9$		6.0	0.91
			ePcP	15 19	29.5	0.2		
			eS	15 26	18.0	2.4		
			LN		$M_S=5.9$		22.0	8.21
			LZ		$M_S=5.9$		22.0	10.8
XAN	56.4	317	+P	15 18	34.6	−0.8		
			PMZ		$m_b=5.7$		1.0	0.10
			PMZ		$m_B=6.0$		5.0	1.00
			LN		$M_S=6.1$		20.0	7.50
			LE				20.0	7.50
TIY	56.4	323	+iP	15 18	36.0	0.5		
			PMZ		$m_b=5.7$		1.1	0.10
			PMZ		$m_B=5.8$		6.5	0.80
			PP	15 20	36.0	−5.7		
			S	15 26	20.0	−1.8		
			LN		$M_S=6.0$		19.0	8.50
			LZ		$M_S=5.9$		22.0	11.5
KMI	56.5	305	+P	15 18	37.5	0.8		
			PMZ		$m_b=5.9$		1.2	0.18
			pP	15 18	45.0	0.2		
			sP	15 18	51.0	2.6		
			PcP	15 19	34.0	2.0		
			PP	15 20	40.0	−3.0		
			S	15 26	20.0	−3.7		
			LN		$M_S=5.6$		17.0	1.80
			LE				17.0	2.50
			LZ		$M_S=5.7$		20.0	5.80
CD2	58.4	311	+P	15 18	49.3	−0.3		
			PMZ		$m_b=5.8$		0.8	0.10
			LE		$M_S=6.2$		21.0	12.3
			LZ		$M_S=6.2$		20.0	17.8
HHC	58.9	325	P	15 18	53.4	−0.2		
			sP	15 19	07.0	1.6		
			PP	15 21	06.0	1.2		
			SMN				9.0	1.00
			SME				11.0	1.90
			LN		$M_S=6.0$		18.0	3.90
			LE				18.0	6.40
			LZ		$M_S=6.1$		20.0	13.0
BTO	59.7	324	P	15 18	58.0	−0.7		
			PMZ		$m_B=5.9$		7.0	1.00
			PP	15 21	11.0	−0.4		
			S	15 27	06.5	1.6		
			eSS	15 30	58.0	−3.8		
			LN		$M_S=6.1$		19.0	5.90
			LE				19.0	6.20
LZH	61.0	316	+iP	15 19	07.5	−0.1		
			PMZ		$m_b=5.6$		1.5	0.13
			PMZ		$m_B=5.9$		6.0	0.85
			pP	15 19	21.0	5.2		
			PcP	15 19	47.5	−2.1		
			PP	15 21	17.5	−5.5		
			S	15 27	22.0	0.5		
			SS	15 31	26.0	3.7		
			LN		$M_S=5.9$		18.0	3.23
			LE				19.0	3.64
			LZ		$M_S=5.7$		20.0	6.07
GTA	65.4	318	+iP	15 19	36.4	−0.5		
			PMZ		$m_b=5.2$		1.0	0.030
			PMZ				16.0	1.78
			PcP	15 20	06.0	−1.7		
			S	15 28	20.0	3.0		
			sS	15 28	31.0	−1.4		
			SS	15 32	33.0	0.8		
			LE		$M_S=5.9$		18.0	4.90
			LZ		$M_S=5.8$		20.0	6.60
WMQ	75.5	318	+iP	15 20	37.5	−0.6		
			PMZ		$m_b=5.7$		1.0	0.10
			PMZ		$m_B=5.6$		12.0	1.00
			pP	15 20	49.5	3.2		
			SME				8.0	0.70
			LE		$M_S=6.0$		18.0	4.00
			LZ		$M_S=5.6$		20.0	3.50
KSH	82.6	311	+P	15 21	18.0	1.2		
			PMZ		$m_B=6.3$		6.0	1.90
			epP	15 21	28.5	3.4		
			LE		$M_S=6.1$		16.0	4.20

JAN 9d 22h 59m 11.1 ± 0.03s, SD1.31 / 29
6.80 S ± 0.49km, 129.92 E ± 0.86km, h83 ± 0.15km
Banda Sea **(280)**
m_b5.2 / 4,

LSA	52.0	316	P	23 08 14.9	−0.2
GTA	53.8	331	−P	23 08 27.0	−0.8
WMQ	63.2	327	−P	23 09 32.6	−0.8

JAN 10d 00h 39m 38.6 ± 0.05s, SD1.57 / 200
5.43 S ± 1.01km, 151.88 E ± 1.11km, h19 ± 0.10km
New Britain region **(192)**
M_S5.4 / 27, m_B5.5 / 3, m_b5.5 / 52

QZH	44.3	314	eP	00 47 49.0	−0.2			
			eS	00 54 25.5	3.7			
			LE		$M_S=5.3$		20.0	2.70
			LZ		$M_S=5.2$		20.0	2.80
SSE	46.7	323	+P	00 48 10.0	1.6			
			PMZ		$m_b=5.3$		1.4	0.062
			PcP	00 49 42.0	0.3			
			LN		$M_S=5.4$		18.0	2.10
			LE				18.0	1.40
			LZ		$M_S=5.3$		20.0	3.70
GZH	47.1	308	−iP	00 48 15.0	3.1			
			PMZ		$m_b=5.5$		0.8	0.060
			LZ		$M_S=5.2$		20.0	2.80
QZN	48.0	302	P	00 48 19.9	1.0			
			PMZ		$m_b=5.6$		1.2	0.10
			LN		$M_S=5.4$		17.0	1.80

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			LE				19.0	2.10
NJ2	48.8	322	−P	00 48 25.0		0.3		
			PcP	00 49 50.0		0.8		
			LN		$M_S = 5.5$		16.0	1.80
			LE				17.0	2.60
			LZ		$M_S = 5.1$		20.0	1.90
WHN	50.7	317	−iP	00 48 43.7		4.3		
			PMZ		$m_b = 5.7$		1.0	0.10
			LE		$M_S = 5.5$		22.0	3.60
			LZ		$M_S = 5.1$		22.0	2.10
DL2	52.2	330	eP	00 48 50.0		−1.3		
			LE		$M_S = 5.2$		16.0	1.26
			LZ		$M_S = 4.9$		20.0	1.24
SNY	53.7	334	+iP	00 49 00.0		−1.7		
			S	00 56 34.0		1.9		
			SMN				28.0	4.50
			SME				28.0	2.90
			sS	00 56 45.0		0.0		
			LN		$M_S = 5.3$		16.0	1.20
			LE				19.0	1.30
			LZ		$M_S = 5.2$		18.0	1.80
MDJ	53.7	340	eP	00 49 01.8		−0.2		
			LZ		$M_S = 5.0$		30.0	2.30
GYA	54.1	308	P	00 49 06.0		1.2		
			LN		$M_S = 5.6$		20.0	1.40
			LE				20.0	3.00
			LZ		$M_S = 4.8$		36.0	1.40
CN2	54.5	337	+P	00 49 05.0		−3.0		
			PMZ		$m_B = 5.7$		12.0	1.20
			epP	00 49 15.0		−0.1		
			PcP	00 50 07.0		−3.4		
			LN		$M_S = 5.4$		16.0	1.70
			LE				16.0	0.50
			LZ		$M_S = 5.6$		16.0	4.00
BJI	55.9	327	eP	00 49 18.0		−0.2		
			PMZ		$m_b = 5.1$		1.2	0.028
			PMZ				14.0	0.59
			ePcP	00 50 17.0		1.1		
			eS	00 57 06.0		2.4		
			LN		$M_S = 5.3$		18.0	1.67
			LZ		$M_S = 5.3$		20.0	2.69
XAN	56.4	317	P	00 49 20.6		−1.6		
			LN		$M_S = 5.6$		18.0	2.30
			LE				17.0	1.70
TIY	56.5	323	+P	00 49 23.4		1.1		
			LN		$M_S = 5.6$		19.0	3.20
			LZ		$M_S = 5.4$		22.0	3.40
KMI	56.6	305	eP	00 49 23.5		0.2		
CD2	58.5	311	eP	00 49 35.4		−0.9		
			PMZ		$m_b = 5.7$		1.0	0.10
			LZ		$M_S = 5.7$		20.0	5.60
HHC	59.0	325	eP	00 49 39.4		−1.0		
			PMZ		$m_b = 5.7$		1.0	0.10
			sP	00 49 54.0		3.6		
			LE		$M_S = 5.3$		17.0	1.30
			LZ		$M_S = 5.5$		20.0	4.10
BTO	59.8	324	eP	00 49 44.5		−0.9		
			LN		$M_S = 5.5$		19.0	1.60
			LE				19.0	1.60
LZH	61.0	316	+iP	00 49 55.0		0.7		
			PMZ		$m_b = 5.7$		1.5	0.14
			PMZ		$m_B = 5.5$		6.0	0.36
			PcP	00 50 32.0		−4.1		
			PP	00 52 13.0		3.2		
			LE		$M_S = 5.2$		16.0	0.96
			LZ		$M_S = 5.2$		20.0	1.94
GTA	65.5	318	eP	00 50 22.0		−1.6		
			PMZ		$m_b = 5.2$		1.0	0.033
			PMZ				16.0	0.58
			sS	00 59 18.0		−0.1		
			LE		$M_S = 5.5$		18.0	1.80
			LZ		$M_S = 5.3$		20.0	1.90
WMQ	75.6	318	P	00 51 23.5		−1.2		
			PMZ		$m_b = 5.6$		1.2	0.10
			PMZ		$m_B = 5.5$		8.0	0.50
			sP	00 51 37.1		2.3		
			PP	00 54 09.5		−5.5		
			LZ		$M_S = 5.0$		22.0	0.90

JAN 10d 02h 54m 51.1 ± 0.07s, SD1.24 / 52
1.37 N ± 0.93km, 126.23 E ± 0.97km, h34 ± 0.18km
Molucca Passage (266)
m_b5.0 / 9,

QZN	23.8	319	eP	03 00 03.7		1.9		
GYA	31.2	325	−P	03 01 10.6		0.3		
CD2	36.3	326	P	03 01 53.3		−0.4		
XAN	36.3	335	P	03 01 52.6		−1.3		
DL2	37.6	354	eP	03 02 05.0		0.4		
			PMZ		$m_b = 5.7$		1.0	0.13
TIY	38.3	342	eP	03 02 11.8		0.9		
BJI	39.6	348	eP	03 02 20.0		−1.0		
LZH	40.3	332	eP	03 02 27.5		0.1		
			PMZ		$m_b = 5.0$		1.6	0.044
			sP	03 02 43.5		2.7		
SNY	40.3	357	+P	03 02 27.4		−0.1		
			PMZ		$m_b = 5.2$		0.8	0.030
MDJ	43.2	4	−P	03 02 52.3		1.5		
WMQ	54.4	326	P	03 04 17.0		−0.5		

JAN 10d 03h 41m 02.5 ± 0.05s, SD1.36 / 255
17.98 S ± 1.12km, 173.54 W ± 1.21km, h22 ± 0.13km
Tonga (173)
M_S5.6 / 8, m_b5.6 / 48,

SSE	79.4	308	eP	03 53 06.4		−3.0		
			eS	04 03 08.0		−0.2		
			LZ		$M_S = 5.0$		20.0	0.70
MDJ	81.0	323	−P	03 53 18.0		0.2		
			PMZ		$m_b = 5.4$		1.0	0.040
			LZ		$M_S = 5.3$		32.0	2.40
NJ2	81.6	307	−P	03 53 20.0		−1.1		
			LZ		$M_S = 4.8$		24.0	0.50
DL2	82.9	315	eP	03 53 26.0		−1.6		
			eS	04 03 46.0		1.9		
			LZ		$M_S = 5.0$		20.0	0.68
CN2	83.0	320	+P	03 53 27.0		−1.1		
			PMZ		$m_b = 5.3$		1.0	0.030
			esP	03 53 43.0		4.1		
			eS	04 03 47.0		1.9		
			LZ		$M_S = 5.4$		22.0	2.00
SNY	83.1	318	+iP	03 53 28.0		−0.7		
			PMZ		$m_b = 5.4$		1.2	0.050
			sP	03 53 37.8		−1.7		
			iS	04 03 48.5		2.3		
			SMN				9.0	0.70
			SME				7.0	0.50
			LN		$M_S = 5.3$		22.0	0.60
			LE				24.0	0.80
			LZ		$M_S = 5.1$		23.0	1.00
TIA	84.8	311	P	03 53 38.0		0.8		
			S	04 04 02.0		0.7		
			LE		$M_S = 5.6$		19.0	1.50
			LZ		$M_S = 5.1$		24.0	0.90
BJI	87.1	314	eP	03 53 48.0		−0.9		
			PMZ		$m_b = 5.6$		1.5	0.081
			PMZ				14.0	0.35
			eSKS	04 04 12.0		0.9		

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			eS	04 04 30.0	4.1			
			LZ	M_S=5.0		28.0	0.83	
TIY	88.8	310	−P	03 53 58.4	1.4			
			LE	M_S=6.0		22.0	3.60	
			LZ	M_S=5.4		22.0	1.60	
GYA	89.1	298	P	03 54 00.2	1.6			
			S	04 04 46.0	3.2			
XAN	90.0	306	P	03 54 02.5	−0.2			
HHC	90.7	313	−P	03 54 06.4	0.6			
			PMZ	m_b=5.8		1.0	0.060	
BTO	91.7	312	eP	03 54 11.0	0.6			
			SKS	04 04 43.0	4.5			
KMI	92.0	296	eP	03 54 15.0	2.9			
CD2	93.0	301	eP	03 54 17.0	0.4			
LZH	94.6	306	eP	03 54 25.0	0.9			
			PMZ	m_b=5.6		1.3	0.030	
			LZ	M_S=5.1		26.0	0.80	
GTA	98.7	309	eP	03 54 42.8	0.4			
			PMZ	m_b=5.6		0.8	0.010	
			LE	M_S=5.7		22.0	1.70	
			LZ	M_S=5.5		28.0	2.20	

JAN 10d 07h 06m 26.0±0.07s, SD1.38/101
5.15 N±0.93km, 31.73 E±0.86km, h10±0.15km
Sudan (557)
M_S5.1/1, m_b5.1/31,

WMQ	62.3	43	−iP	07 16 52.0	0.6			
			PMZ	m_b=5.1		1.3	0.030	
			SME			3.5	0.10	
			LZ	M_S=4.6		22.0	0.50	
GTA	69.9	50	eP	07 17 40.8	1.0			
			PMZ	m_b=5.3		1.4	0.050	
			LE	M_S=5.1		9.0	0.30	
			LZ	M_S=4.7		16.0	0.40	
LZH	72.5	54	+P	07 17 57.0	0.9			
			PMZ	m_b=5.1		1.5	0.034	
			LZ	M_S=4.8		20.0	0.49	
GYA	74.2	64	P	07 18 06.0	0.0			
XAN	76.5	56	P	07 18 19.2	0.2			
BTO	77.8	50	eP	07 18 28.0	2.0			
HHC	79.0	50	P	07 18 34.8	2.3			
TIY	79.5	53	eP	07 18 38.2	2.7			
			LZ	M_S=4.9		20.0	0.60	
WHN	81.1	60	eP	07 18 47.8	4.2			
BJI	82.5	50	eP	07 18 53.5	2.6			
			PMZ	m_b=5.2		1.5	0.039	

JAN 10d 13h 57m 20.1±0.12s, SD1.25/204
51.71 N±1.23km, 157.35 E±1.00km, h77±0.54km
Kamchatka (217)
m_b5.3/65,

MDJ	19.7	260	eP	14 01 46.0	−0.5			
TIY	34.3	264	eP	14 04 02.7	1.3			
GYA	45.5	256	P	14 05 37.0	2.4			
WMQ	45.8	289	+P	14 05 36.5	−0.3			

JAN 10d 23h 19m 59.3±0.07s, SD1.95/9
24.80 N±0.76km, 122.54 E±1.18km, h18±0.73km
Taiwan region (243)
M_L3.8/7,

QZH	3.6	273	ePn	23 20 56.1	1.5			
			Sn	23 21 33.3	−5.1			
			SMN	M_L=3.9		0.8	0.51	
			SME			0.8	0.16	
NJ2	7.9	337	+P	23 21 55.0	−1.6			
			eS	23 23 33.0	6.5			
			SMN	M_L=3.9		0.8	0.042	
			SME			1.0	0.035	

JAN 11d 10h 15m 23.0±0.04s, SD1.36/151
18.90 S±0.69km, 178.83 W±0.88km, h501±0.28km
Fiji region (181)
m_b5.2/53,

QZH	74.9	303	eP	10 26 13.5	−0.4			
NJ2	78.3	310	+P	10 26 32.0	−0.3			
			PMZ	m_b=5.2		1.0	0.10	
MDJ	78.8	325	−iP	10 26 34.4	−0.6			
			PMZ	m_b=4.9		1.0	0.050	
CN2	80.6	323	−P	10 26 43.8	−0.6			
			PMZ	m_b=4.7		1.0	0.030	
			eS	10 36 11.0	0.7			
WHN	80.9	307	+P	10 26 48.2	2.2			
BJI	84.2	316	eP	10 27 02.0	−0.8			
			PMZ	m_b=5.0		1.2	0.054	
GYA	85.2	300	P	10 27 08.0	0.3			
TIY	85.6	312	−P	10 27 10.5	0.7			
			PMZ	m_b=5.4		1.0	0.10	
XAN	86.5	308	P	10 27 14.5	0.4			
CD2	89.3	303	P	10 27 27.6	0.6			
LZH	91.2	308	eP	10 27 34.0	−1.9			
			PMZ	m_b=5.1		1.5	0.042	

JAN 11d 11h 54m 49.8±0.11s, SD1.67/64
15.60 S±1.09km, 174.97 W±1.19km, h237±0.71km
Tonga (173)
m_b4.9/9,

BJI	84.5	314	eP	12 06 57.5	−0.6			
			PMZ	m_b=4.8		1.1	0.021	
TIY	86.2	311	−P	12 07 07.1	0.4			
GYA	86.8	298	P	12 07 09.6	0.1			
XAN	87.5	306	P	12 07 12.0	−0.8			
CD2	90.6	302	eP	12 07 27.5	0.1			

JAN 11d 13h 03m 01.8±0.04s, SD0.98/50
5.39 S±0.52km, 151.97 E±0.52km, h34±0.13km
New Britain region (192)
m_b4.9/13,

SSE	46.7	323	eP	13 11 32.0	2.3			
			LZ	M_S=4.4		20.0	0.46	
XAN	56.5	317	P	13 12 43.2	−0.2			
CD2	58.5	311	P	13 12 57.8	0.1			
BTO	59.8	324	eP	13 13 07.0	0.4			
LZH	61.1	316	eP	13 13 15.0	−0.6			
			PMZ	m_b=4.9		1.5	0.023	
GTA	65.5	318	eP	13 13 45.4	0.6			
			PMZ	m_b=4.4		0.8	0.0040	
WMQ	75.6	318	P	13 14 46.0	0.1			

JAN 11d 14h 02m 43.5±0.12s, SD1.07/138
47.18 N±1.11km, 152.37 E±1.13km, h98±0.47km
Kurile Islands (221)
m_b5.0/60,

CN2	19.1	270	eP	14 06 58.7	−3.0			
SNY	21.2	266	+P	14 07 22.0	−0.6			
			PMZ	m_b=5.3		0.6	0.10	
BJI	27.0	268	eP	14 08 20.0	1.7			
			PMZ	m_b=4.8		1.0	0.021	
SSE	28.8	247	eP	14 08 35.5	0.9			
			PMZ	m_b=5.0		0.5	0.016	
HHC	29.8	273	P	14 08 43.0	−0.4			
			PMZ	m_b=5.5		1.0	0.10	
TIY	30.7	267	−iP	14 08 52.5	1.2			
XAN	35.1	264	+P	14 09 29.0	−0.2			
LZH	37.4	271	+P	14 09 49.5	0.6			
			PMZ	m_b=5.2		1.5	0.068	
GTA	38.4	278	eP	14 09 57.6	0.1			

		PMZ	$m_b = 5.7$		0.8	0.10
CD2	40.4 264	+iP	14 10 14.2	0.2		
		PMZ	$m_b = 5.7$		0.8	0.10
WMQ	44.3 290	P	14 10 45.6	−0.2		
LSA	49.7 272	P	14 11 30.0	1.1		

JAN 11d 16h 56m 16.2 ± 0.05s, SD1.03 / 35
17.25 S ± 0.39km, 176.92 W ± 0.38km, h414 ± 0.53km
Fiji region (181)
m_b5.1 / 8,

CN2	80.4 322	eP	17 07 44.6	−0.3		
TIY	85.9 311	+P	17 08 14.7	2.0		
XAN	87.0 307	P	17 08 18.5	0.6		

JAN 11d 23h 43m 29.8 ± 0.01s, SD3.24 / 5
38.12 N ± 0.05km, 106.26 E ± 0.06km, h15 ± 0.04km
Northern China (323)
M_L3.3 / 5,

GTA	5.2 286	Pn	23 44 49.3	1.6		
		Pg	23 45 05.1	3.4		
		Sn	23 45 44.6	−4.8		
		Sg	23 46 08.1	−4.7		
		SMN	$M_L = 3.2$		0.8	0.030
		SME			0.8	0.021

JAN 12d 04h 56m 51.4 ± 0.09s, SD2.69 / 23
22.55 N ± 1.18km, 120.39 E ± 0.98km, h9 ± 0.46km
Taiwan region (243)
M_S4.1 / 4, M_L4.1 / 10, m_b4.7 / 2

QZH	2.9 326	ePn	04 57 37.1	−1.0		
		SMN	$M_L = 4.7$		0.8	3.20
		SME			0.9	3.90
GZH	6.5 276	eP	04 58 32.2	2.0		
		SMN	$M_L = 4.1$		1.0	0.10
		SME			1.0	0.10
SSE	8.5 5	eP	04 59 01.5	3.1		
		SMN	$M_L = 4.1$		1.0	0.025
		SME			1.0	0.063
		LE	$M_S = 3.7$		9.0	0.40
NJ2	9.6 352	+P	04 59 15.0	2.5		
		SMN			1.0	0.10
		SME			1.0	0.10
		LN	$M_S = 4.4$		4.0	0.40
		LE			3.5	0.50
GYA	13.1 290	P	05 00 02.0	1.3		
		SMN			1.6	0.10
		SME			1.6	0.10
TIY	16.6 337	−P	05 00 50.0	3.7		

JAN 12d 06h 03m 25.5 ± 0.06s, SD1.39 / 188
18.02 S ± 1.12km, 173.51 W ± 1.27km, h33 ± 0.16km
Tonga (173)
M_S5.8 / 3, m_B5.6 / 2, m_b5.3 / 29

MDJ	81.0 323	eP	06 15 39.0	−0.5		
		LZ	$M_S = 5.4$		20.0	1.80
DL2	82.9 315	+P	06 15 49.0	−0.3		
		LZ	$M_S = 5.3$		13.0	0.90
CN2	83.0 320	+P	06 15 49.0	−0.8		
		PMZ	$m_b = 5.1$		1.0	0.020
		PMZ	$m_B = 5.6$		5.0	0.30
		LZ	$M_S = 5.3$		22.0	1.30
SNY	83.1 318	+P	06 15 50.0	−0.3		
		PMZ	$m_b = 5.5$		1.8	0.10
		SMN			8.0	0.70
		SME			6.0	0.60
		LZ	$M_S = 5.1$		21.0	0.90
WHN	84.5 304	eP	06 16 00.0	2.9		
TIA	84.8 311	eP	06 15 58.9	0.0		

		PMZ			15.0	0.50
		LZ	$M_S = 5.2$		24.0	1.10
BJI	87.2 314	eP	06 16 10.5	0.0		
		PMZ	$m_b = 5.5$		1.6	0.067
		PMZ	$m_B = 5.6$		12.0	0.60
		LZ	$M_S = 5.1$		24.0	0.95
TIY	88.9 310	+P	06 16 20.0	1.4		
GYA	89.2 298	P	06 16 21.0	0.9		
XAN	90.1 306	P	06 16 25.0	0.7		
HHC	90.7 313	P	06 16 28.2	0.8		
		LZ	$M_S = 5.1$		26.0	0.90
BTO	91.7 312	eP	06 16 32.0	0.0		
LZH	94.7 306	eP	06 16 44.5	−1.1		
GTA	98.7 309	eP	06 17 04.2	0.3		
		LE	$M_S = 5.8$		25.0	2.40
		LZ	$M_S = 5.5$		24.0	1.90

JAN 12d 16h 15m 07.9 ± 0.72s, SD4.53 / 6
23.78 N ± 5.91km, 121.46 E ± 4.61km, h7 ± 1.24km
Taiwan (244)
M_S3.7 / 1, M_L3.4 / 4,

QZH	2.9 294	ePn	16 15 54.8	0.5		
		Sn	16 16 30.0	−1.0		
		SMN	$M_L = 3.7$		0.8	0.16
		SME			0.9	0.50
SSE	7.3 358	eP	16 17 00.0	2.4		
		LN	$M_S = 3.7$		8.0	0.43

JAN 12d 17h 48m 43.5 ± 0.02s, SD0.85 / 16
26.06 N ± 0.44km, 125.47 E ± 0.35km, h155 ± 0.24km
North-east of Taiwan (245)
m_b4.1 / 6,

SSE	6.3 324	eP	17 50 15.5	0.7		
		PMZ	$m_b = 4.2$		1.0	0.015

JAN 12d 23h 16m 37.5 ± 0.07s, SD1.81 / 41
23.66 N ± 0.89km, 121.72 E ± 0.91km, h9 ± 0.36km
Taiwan (244)
M_S4.1 / 6, M_L4.3 / 9, m_b4.3 / 5

QZH	3.1 295	−Pn	23 17 27.0	−0.2		
		Sn	23 18 00.4	−6.2		
		LZ	$M_S = 3.9$		10.0	2.20
SSE	7.4 356	P	23 18 27.8	−1.0		
		SMN	$M_L = 4.0$		1.0	0.037
		SME			1.0	0.075
		LN	$M_S = 3.7$		10.0	0.50
		LZ	$M_S = 3.6$		12.0	0.50
GZH	7.7 267	eP	23 18 32.5	−0.4		
		SMN	$M_L = 4.5$		1.0	0.20
		SME			1.0	0.10
NJ2	8.7 344	+P	23 18 43.5	−3.6		
		SMN	$M_L = 4.5$		1.0	0.10
		SME			1.0	0.10
		LN	$M_S = 4.0$		10.0	0.80
		LZ	$M_S = 3.6$		11.0	0.40
WHN	9.5 318	eP	23 18 57.0	−0.5		
		SMN			1.5	0.20
GYA	13.9 285	P	23 19 57.4	−0.3		
		SMN			2.0	0.30
		SME			2.0	0.20
XAN	15.2 316	P	23 20 14.5	−0.3		
TIY	16.1 333	eP	23 20 30.0	3.9		
		LN	$M_S = 4.2$		15.0	0.80
		LZ	$M_S = 3.9$		16.0	0.50
CD2	17.5 298	eP	23 20 44.0	0.2		
		LE	$M_S = 4.2$		11.0	0.50
		LZ	$M_S = 4.4$		13.0	1.30
HHC	19.1 336	P	23 21 06.3	2.3		

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BTO	19.5	333	eP	23 21 12.0	3.5			
			LN	M_S=4.4		12.0	0.60	
			LE			12.0	0.50	
LZH	19.8	313	eP	23 21 11.5	0.0			
			PMZ	m_b=4.4		2.0	0.036	
			sP	23 21 21.5	2.1			
			LZ	M_S=3.7		30.0	0.46	

JAN 13d 10h 13m 14.1±0.04s, SD1.32 / 128
5.81 N±0.80km, 94.71 E±0.77km, h67±0.19km
Northern Sumatera (706)
m_b5.0 / 40,

QZN	19.7	47	−P	10 17 43.2	1.9			
			PMZ	m_b=4.7		0.8	0.030	
KMI	20.7	21	+P	10 17 51.5	−0.2			
			PMZ	m_b=4.6		1.5	0.050	
GYA	23.5	28	−iP	10 18 20.6	1.6			
			PMZ	m_b=5.2		1.0	0.10	
			S	10 22 27.2	3.5			
CD2	26.4	18	+iP	10 18 45.8	−0.6			
			PMZ	m_b=5.6		0.7	0.10	
			S	10 23 11.7	−0.4			
WHN	30.8	35	eP	10 19 27.5	1.8			
XAN	31.0	23	+P	10 19 27.0	−1.1			
			S	10 24 24.5	−1.8			
LZH	31.3	14	eP	10 19 29.0	−1.4			
			PMZ	m_b=5.1		1.3	0.043	
			LZ	M_S=4.0		25.0	0.42	
GTA	33.8	7	eP	10 19 51.0	−1.0			
			PMZ	m_b=5.1		1.0	0.030	
			pP	10 20 09.3	1.5			
			sP	10 20 18.6	2.6			
			PcP	10 22 29.8	0.3			
			ScP	10 26 06.6	−0.5			
			PcS	10 26 11.7	−2.5			
			ScS	10 30 06.0	−1.2			
SSE	35.3	41	+iP	10 20 06.0	0.6			
			PMZ	m_b=4.7		0.9	0.013	
			LZ	M_S=4.3		18.0	0.50	
TTY	35.6	24	eP	10 20 07.5	−0.3			
TIA	36.6	31	eP	10 20 15.5	−0.4			
			PMZ	m_b=4.9		1.4	0.030	
BTO	37.3	19	eP	10 20 21.5	−0.1			
HHC	38.0	21	eP	10 20 28.3	0.3			
BJI	39.2	26	eP	10 20 38.0	0.6			
			PMZ	m_b=5.3		1.0	0.053	
SNY	44.1	31	+iP	10 21 17.6	−0.4			
			PMZ	m_b=5.7		1.0	0.10	
			sP	10 21 40.4	−2.0			
CN2	46.5	31	+P	10 21 36.4	−0.5			
			sP	10 22 06.0	4.8			
MDJ	49.2	33	eP	10 21 58.0	−0.1			

JAN 13d 11h 53m 35.7±0.04s, SD1.51 / 204
40.57 N±0.54km, 105.80 E±0.52km, h16±0.14km
Northern China (323)
M_S5.2 / 46, M_L5.1 / 3, m_B5.3 / 1,

BTO	3.2	88	−iPn	11 54 28.0	1.9			
			Pg	11 54 32.0	−0.4			
			Sg	11 55 11.0	−5.4			
			SMN			2.0	24.2	
			SME			2.0	22.4	
HHC	4.4	84	−Pn	11 54 43.8	1.5			
			Pg	11 54 54.6	1.4			
			Sg	11 55 51.2	−2.0			
			LZ	M_S=5.0		12.0	20.1	
LZH	4.7	200	−iPn	11 54 50.0	2.9			
			Pg	11 55 05.0	5.7			
			Sn	11 55 43.0	−0.3			
			Sg	11 56 03.0	−1.0			
			SME			3.0	35.7	
			LN	M_S=5.5		5.0	28.5	
			LZ	M_S=5.0		12.0	21.0	
GTA	4.7	258	+iPn	11 54 50.0	2.8			
			Sg	11 56 03.0	−1.3			
			SMN			2.0	22.8	
			SME			2.0	13.5	
			LN	M_S=5.3		9.0	25.4	
			LE			8.0	17.7	
			LZ	M_S=5.0		12.0	20.2	
TIY	5.9	117	+Pn	11 55 05.0	2.1			
			Pg	11 55 23.8	4.1			
			Sg	11 56 34.0	−6.3			
			LZ	M_S=5.0		13.0	16.0	
XAN	7.0	158	iPn	11 55 19.3	1.5			
			Pg	11 55 41.0	2.2			
			Sn	11 56 38.0	−1.1			
			Sg	11 57 08.5	−5.7			
			LN	M_S=5.1		8.0	7.10	
			LE			8.0	7.70	
BJI	7.9	90	P	11 55 33.0	−0.6			
			LZ	M_S=4.7		10.0	5.10	
CD2	9.8	190	eP	11 55 58.1	−1.0			
			LN	M_S=5.2		9.0	9.20	
			LZ	M_S=5.3		12.0	19.0	
TIA	9.9	112	eP	11 56 00.4	−0.3			
			LE	M_S=4.8		13.0	5.20	
			LZ	M_S=4.9		12.0	6.80	
WHN	12.2	143	eP	11 56 31.5	−0.3			
			SMN			1.4	1.70	
			SME			1.0	0.60	
			LN	M_S=5.0		8.0	2.50	
			LE			10.0	3.40	
			LZ	M_S=4.6		14.0	3.50	
DL2	12.3	93	P	11 56 36.0	2.6			
			LE	M_S=4.7		11.0	2.40	
SNY	13.4	79	eP	11 56 48.0	−0.8			
			sP	11 56 58.8	1.2			
			LN	M_S=5.3		12.0	4.00	
			LE			12.0	8.50	
			LZ	M_S=5.4		12.0	14.5	
NJ2	13.5	125	−P	11 56 50.6	1.0			
			sP	11 57 01.4	2.9			
			S	11 59 24.0	3.8			
			SMN			1.0	0.30	
			SME			1.0	0.30	
			LN	M_S=4.9		12.5	2.60	
			LE			12.0	3.40	
			LZ	M_S=4.5		14.0	2.30	
WMQ	13.8	290	P	11 56 53.0	−0.5			
			LN	M_S=5.6		7.0	8.08	
			LE			5.0	4.46	
			LZ	M_S=4.8		12.0	3.62	
GYA	14.1	177	+iP	11 56 55.0	−2.4			
			PMZ	m_b=5.5		1.0	0.10	
			pP	11 57 03.0	0.6			
			sP	11 57 08.0	1.8			
			LN	M_S=5.1		8.0	2.70	
			LE			8.0	3.20	
			LZ	M_S=4.6		14.0	2.80	
CN2	14.9	71	eP	11 57 07.1	−1.0			
			PMZ	m_b=5.7		1.0	0.15	
			epP	11 57 11.0	−2.2			
			LN	M_S=5.3		10.0	6.00	
			LE			10.0	4.00	
			LZ	M_S=5.4		14.0	16.0	

KMI	15.6	190	−P	11	57	15.5	−1.5		
			PMZ			$m_b = 4.6$		1.5	0.040
			pP	11	57	19.0	−3.0		
			LN			$M_S = 5.2$		6.0	1.60
			LE					10.0	4.30
			LZ			$M_S = 5.0$		12.0	5.30
SSE	15.6	122	eP	11	57	17.0	−0.3		
			pP	11	57	25.0	2.4		
			LN			$M_S = 4.8$		12.0	1.60
			LE					12.0	2.50
			LZ			$M_S = 4.9$		16.0	5.30
LSA	16.1	232	P	11	57	25.4	1.0		
			pP	11	57	30.0	0.9		
			LN			$M_S = 4.7$		20.0	2.50
			LE					19.0	2.30
MDJ	18.0	69	eP	11	57	49.0	2.2		
			LN			$M_S = 5.2$		12.0	5.10
			LZ			$M_S = 5.1$		14.0	6.20
QZN	21.7	170	eP	11	58	32.0	3.2		
			LE			$M_S = 5.4$		13.0	6.50
KSH	22.9	277	eP	11	58	42.0	2.0		
			pP	11	58	47.0	1.1		
			LE			$M_S = 5.6$		10.0	7.50

JAN 13d 17h 38m 29.4 ± 0.09s, SD1.31 / 146
18.23 S ± 0.23km, 178.05 W ± 0.93km, h590 ± 0.94km
Fiji region (181)
m_b5.0 / 35,

SSE	76.2	310	P	17	49	18.6	−1.5		
NJ2	78.4	309	−P	17	49	31.5	−0.3		
MDJ	78.6	325	−P	17	49	32.0	−1.1		
CN2	80.5	322	−P	17	49	41.4	−1.3		
			epP	17	51	49.0	2.3		
WHN	81.1	306	eP	17	49	47.0	1.3		
TIA	81.7	312	eP	17	49	48.2	−0.8		
BJI	84.3	315	eP	17	50	01.0	−0.6		
			PMZ			$m_b = 4.8$		1.5	0.047
GYA	85.5	300	P	17	50	07.8	0.0		
TIY	85.7	312	−P	17	50	09.5	0.6		
HHC	87.7	314	eP	17	50	18.0	−0.4		
KMI	88.3	297	−P	17	50	22.0	0.9		
CD2	89.5	303	P	17	50	27.0	0.3		
LZH	91.4	308	eP	17	50	34.5	−0.7		
			PMZ			$m_b = 5.2$		1.5	0.042
GTA	95.5	310	eP	17	50	53.0	−1.0		
			PMZ			$m_b = 4.8$		1.0	0.010

JAN 13d 20h 46m 43.4 ± 0.05s, SD1.84 / 63
1.89 S ± 0.85km, 136.85 E ± 1.19km, h31 ± 0.24km
West Irian region (196)
m_b5.0 / 10,

SSE	36.0	337	eP	20	53	45.5	1.4		
XAN	44.3	326	P	20	54	51.5	−1.5		
BJI	45.8	338	eP	20	55	08.0	3.3		
			LZ			$M_S = 4.3$		16.0	0.29
CN2	46.6	349	eP	20	55	15.0	4.0		
LZH	48.7	324	eP	20	55	27.0	−0.6		
			PMZ			$m_b = 4.8$		1.5	0.020
			pP	20	55	32.0	−4.5		
			LZ			$M_S = 4.2$		20.0	0.24
GTA	53.3	324	eP	20	56	01.0	−1.4		
			PMZ			$m_b = 4.7$		1.0	0.010
LSA	53.8	309	+P	20	56	05.9	−0.1		
WMQ	63.2	322	P	20	57	10.1	−1.5		

JAN 13d 21h 51m 53.8 ± 0.05s, SD2.42 / 15
41.68 N ± 0.59km, 81.27 E ± 0.48km, h31 ± 0.11km
Southern Xinjiang Province (321)
M_L3.8 / 8, m_b4.3 / 3,

WMQ	5.2	64	Pn	21	53	13.2	3.2		
			Sn	21	54	12.3	1.8		
			Sg	21	54	35.6	−1.2		
			SMN			$M_L = 3.8$		0.6	0.080
			SME					0.8	0.11
GTA	14.3	93	eP	21	55	16.1	−0.2		

JAN 14d 01h 22m 38.2 ± 0.06s, SD1.72 / 14
23.60 N ± 0.41km, 121.37 E ± 0.65km, h8 ± 0.16km
Taiwan (244)
M_S3.5 / 1, M_L3.4 / 7, m_b3.5 / 1

QZH	2.9	298	ePn	01	23	25.0	0.5		
			Sn	01	23	57.9	−3.2		
			SMN			$M_L = 3.2$		1.0	0.13
			SME					1.0	0.090
SSE	7.5	359	P	01	24	30.0	−0.3		
			SMN			$M_L = 3.6$		1.0	0.010
			SME					1.0	0.030
			LE			$M_S = 3.5$		9.0	0.27
			LZ			$M_S = 3.9$		12.0	0.90

JAN 14d 02h 25m 30.2 ± 0.06s, SD1.24 / 18
6.48 S ± 0.69km, 154.95 E ± 0.57km, h29 ± 0.30km
Solomon Islands (193)
m_b5.2 / 6,

KMI	59.7	304	−P	02	35	36.5	1.2		
			pP	02	35	45.0	1.2		
GTA	68.3	317	−P	02	36	31.6	−0.1		

JAN 14d 07h 18m 21.3 ± 0.06s, SD3.24 / 9
43.52 N ± 0.69km, 86.20 E ± 0.46km, h19 ± 0.15km
Northern Xinjiang Province (332)
M_L3.9 / 9,

WMQ	1.1	74	Pg	07	18	41.0	−0.7		
			Sg	07	18	57.4	0.2		
			SMN			$M_L = 3.6$		1.0	1.24

JAN 14d 14h 12m 09.5 ± 0.04s, SD1.28 / 162
25.18 S ± 0.67km, 178.33 E ± 0.88km, h555 ± 0.33km
South of Fiji (171)
m_b5.2 / 51,

MDJ	82.5	327	eP	14	23	36.0	0.0		
WHN	82.6	309	eP	14	23	39.0	2.5		
CN2	84.0	325	+P	14	23	43.0	−0.6		
BJI	86.9	317	eP	14	23	58.0	0.5		
			eS	14	33	48.0	−1.6		
TIY	88.0	314	eP	14	24	03.0	0.5		
			S	14	34	00.0	2.6		
XAN	88.3	309	P	14	24	04.0	−0.3		
KMI	88.5	299	eP	14	24	06.0	0.6		
HHC	90.3	316	eP	14	24	12.8	−0.5		
CD2	90.5	304	eP	14	24	14.0	−0.4		
LZH	93.0	309	eP	14	24	27.0	1.2		
			PMZ			$m_b = 5.0$		1.5	0.023
GTA	97.3	310	eP	14	24	45.0	−0.6		

JAN 14d 14h 55m 20.1 ± 0.11s, SD3.80 / 10
40.11 N ± 1.26km, 74.24 E ± 0.43km, h5 ± 1.58km
Tadzhikistan–Xinjiang border region (719)
M_L4.3 / 5,

KSH	1.4	114	Pg	14	55	45.5	0.1		
			Sg	14	56	06.0	1.3		
			SMN			$M_L = 4.5$		0.4	4.70
			SME					0.5	8.30
WMQ	10.7	65	eP	14	57	56.2	−1.0		
			eS	14	59	52.5	−6.1		

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JAN 14d 15h 09m 38.8 ± 0.13s, SD1.46 / 31
7.06 S ± 0.60km, 147.75 E ± 0.98km, h97 ± 1.05km
Eastern New Guinea region (207)
m_b4.9 / 11,

SSE	45.7	328	+iP	15 17 51.7	−0.2			
			PMZ	m_b = 4.8		0.9	0.013	
NJ2	47.7	326	+P	15 18 07.8	0.1			
XAN	55.0	321	P	15 19 01.6	−1.1			
TIY	55.4	326	eP	15 19 09.5	3.7			
CD2	56.5	314	P	15 19 13.8	−0.2			
LZH	59.5	319	−P	15 19 34.0	−0.7			
			PMZ	m_b = 5.1		1.5	0.034	
GTA	64.0	320	−P	15 20 05.0	−0.1			
			PMZ	m_b = 4.7		1.0	0.010	
LSA	65.5	307	+P	15 20 16.6	1.8			

JAN 15d 01h 40m 50.4 ± 0.04s, SD1.13 / 169
23.16 S ± 0.58km, 179.65 W ± 0.75km, h585 ± 0.29km
South of Fiji (171)
m_B5.2 / 1, m_b5.3 / 61,

SSE	78.2	311	P	01 51 51.5	−0.9			
			PMZ	m_b = 5.2		1.0	0.12	
NJ2	80.4	311	+iP	01 52 04.0	0.2			
			PMZ	m_b = 4.9		1.0	0.050	
			PMZ	m_B = 5.2		4.0	0.40	
MDJ	81.8	326	−P	01 52 10.5	−0.5			
			PMZ	m_b = 5.2		1.2	0.10	
WHN	82.8	307	−P	01 52 18.0	2.1			
			PMZ	m_b = 4.9		1.0	0.040	
CN2	83.5	323	−iP	01 52 18.5	−0.8			
			PMZ	m_b = 5.3		1.0	0.10	
			PMZ			3.0	0.30	
			epP	01 54 20.0	−3.4			
TIA	84.0	313	eP	01 52 21.1	−0.5			
GYA	86.6	300	−iP	01 52 34.8	0.1			
BJI	86.7	316	eP	01 52 34.5	−0.4			
			PMZ	m_b = 5.4		2.0	0.16	
TIY	87.9	313	−iP	01 52 42.0	1.3			
			PMZ	m_b = 5.6		1.0	0.10	
XAN	88.5	308	−P	01 52 44.0	0.5			
HHC	90.1	315	P	01 52 50.3	−0.6			
			pP	01 54 57.0	0.2			
CD2	90.9	303	P	01 52 55.0	0.4			
BTO	91.0	314	eP	01 52 55.0	0.0			
LZH	93.2	308	−iP	01 53 05.0	0.0			
			PMZ	m_b = 5.5		1.2	0.047	
GTA	97.5	310	eP	01 53 28.6	4.3			
			PMZ	m_b = 5.1		0.8	0.010	

JAN 15d 04h 00m 17.7 ± 0.05s, SD1.51 / 64
7.13 S ± 0.74km, 149.19 E ± 0.85km, h49 ± 0.30km
Eastern New Guinea region (207)
m_b5.1 / 14,

XAN	55.9	320	P	04 09 52.0	−1.9			
TIY	56.3	325	eP	04 09 56.4	0.2			
CD2	57.6	314	P	04 10 04.8	−1.0			
LZH	60.5	319	eP	04 10 25.0	−0.8			
			PMZ	m_b = 5.2		1.5	0.045	
GTA	65.0	320	eP	04 10 55.0	−0.7			
			PMZ	m_b = 4.8		0.8	0.010	
WMQ	75.1	319	P	04 11 56.7	−0.2			

JAN 15d 13h 43m 47.1 ± 0.04s, SD1.34 / 225
5.94 S ± 0.76km, 154.49 E ± 0.86km, h59 ± 0.15km
New Britain region (192)
M_S5.4 / 34, m_B5.9 / 28, m_b5.6 / 68

QZH	46.5	313	+P	13 52 11.0	0.1			
			S	13 58 56.0	3.2			
			LE	M_S = 5.5		36.0	7.10	
			LZ	M_S = 5.3		36.0	6.20	
SSE	48.7	321	+P	13 52 28.0	0.1			
			PMZ	m_b = 4.9		1.0	0.015	
			PMZ	m_B = 5.8		6.0	0.80	
			pP	13 52 42.0	−0.2			
			S	13 59 26.0	2.5			
			LN	M_S = 5.1		14.0	0.70	
			LE			14.0	0.80	
			LZ	M_S = 5.2		20.0	2.30	
GZH	49.5	307	+P	13 52 35.0	0.9			
			LE	M_S = 5.6		21.0	4.90	
			LZ	M_S = 5.6		20.0	6.30	
QZN	50.5	300	+P	13 52 43.0	1.1			
			PMZ	m_B = 6.0		8.0	1.40	
			pP	13 52 57.0	0.8			
			PP	13 54 38.5	0.6			
			SMN			8.0	0.90	
			SME			14.0	1.40	
			sS	14 00 19.0	4.2			
			SS	14 03 26.0	5.7			
			LN	M_S = 5.7		20.0	3.70	
			LE			20.0	3.60	
NJ2	50.8	320	+P	13 52 44.0	−0.1			
			PMZ	m_b = 5.2		1.0	0.030	
			PMZ	m_B = 6.0		5.0	0.90	
			pP	13 53 00.2	1.8			
			S	13 59 54.5	1.7			
			LZ	M_S = 4.9		26.0	1.60	
WHN	52.8	316	+P	13 53 01.5	2.0			
			PMZ	m_b = 5.6		1.2	0.080	
			PMZ	m_B = 6.0		5.0	0.90	
			S	14 00 26.0	5.1			
			LN	M_S = 5.5		20.0	3.10	
			LZ	M_S = 5.1		30.0	3.00	
DL2	54.0	328	+P	13 53 07.0	−1.2			
			PMZ	m_b = 6.0		1.0	0.20	
			PMZ	m_B = 5.7		8.0	0.70	
			S	14 00 36.0	−0.8			
			LN	M_S = 5.3		18.0	1.30	
			LE			17.0	0.90	
			LZ	M_S = 5.2		28.0	2.90	
TIA	54.6	323	eP	13 53 11.0	−1.7			
			S	14 00 41.5	−3.6			
			LZ	M_S = 5.2		26.0	2.50	
MDJ	55.1	338	+P	13 53 14.5	−1.5			
			PMZ	m_b = 5.3		1.0	0.040	
			PMZ	m_B = 5.8		6.0	0.80	
			LN	M_S = 5.6		14.0	2.70	
			LZ	M_S = 5.1		30.0	2.30	
SNY	55.3	332	+iP	13 53 16.0	−1.4			
			PMZ	m_b = 5.2		0.7	0.020	
			PMZ	m_B = 5.8		6.0	0.80	
			pP	13 53 29.0	−3.0			
			esP	13 53 36.0	−2.2			
			PP	13 55 20.0	−1.8			
			LN	M_S = 5.2		15.0	0.80	
			LE			13.0	0.60	
			LZ	M_S = 5.4		36.0	5.60	
CN2	56.0	335	+P	13 53 21.0	−1.8			
			PMZ	m_b = 5.7		1.0	0.10	
			PMZ	m_B = 5.7		6.0	0.60	
			epP	13 53 36.0	−1.4			
			eS	14 01 04.0	−1.0			
			LN	M_S = 5.0		14.0	0.40	
			LE			14.0	0.40	
			LZ	M_S = 5.6		32.0	7.80	
GYA	56.4	307	+iP	13 53 26.0	0.2			

			PMZ		$m_b = 5.6$		1.4	0.10
			pP	13 53 42.0		1.8		
			sP	13 53 50.0		3.6		
			PcP	13 54 18.0		−2.8		
			S	14 01 14.0		5.0		
			sS	14 01 42.0		6.7		
			LN		$M_S = 5.5$		18.0	1.10
			LE				18.0	2.40
BJI	57.8	326	eP	13 53 33.5		−1.7		
			PMZ		$m_b = 5.2$		1.0	0.027
			PMZ		$m_B = 5.4$		9.0	0.48
			pP	13 53 53.5		3.7		
			S	14 01 24.0		−2.7		
			esS	14 01 54.0		0.9		
			LN		$M_S = 4.9$		14.0	0.43
			LZ		$M_S = 5.4$		35.0	4.87
TIY	58.5	321	+P	13 53 39.6		−0.5		
			S	14 01 35.0		−0.7		
			sS	14 02 07.0		4.8		
			LN		$M_S = 5.5$		19.0	2.30
			LZ		$M_S = 5.5$		13.0	2.60
XAN	58.6	316	P	13 53 40.1		−1.0		
			PMZ		$m_B = 5.8$		6.0	0.80
			pP	13 53 56.0		0.4		
			S	14 01 38.0		0.4		
KMI	59.0	304	+P	13 53 45.0		0.9		
			PMZ		$m_b = 5.9$		1.5	0.23
			PMZ		$m_B = 6.0$		5.0	0.90
			sS	14 02 15.0		5.5		
			LE		$M_S = 5.5$		25.0	3.10
			LZ		$M_S = 5.5$		27.0	5.00
CD2	60.8	310	+iP	13 53 55.4		−0.5		
			PMZ		$m_b = 5.9$		0.6	0.10
			PMZ		$m_B = 6.0$		10.0	2.10
			pP	13 54 12.0		1.6		
HHC	61.0	324	P	13 53 56.6		−0.7		
			PMZ		$m_b = 5.6$		1.2	0.10
			pP	13 54 13.0		1.2		
			S	14 02 13.0		5.1		
			SME				10.0	0.80
			LN		$M_S = 5.6$		17.0	1.10
			LE				22.0	2.90
			LZ		$M_S = 5.4$		26.0	3.80
BTO	61.7	323	P	13 54 02.0		−0.4		
			epP	13 54 21.0		4.0		
			S	14 02 15.0		−2.6		
			sS	14 02 47.0		2.9		
			LN		$M_S = 5.5$		19.0	1.50
			LE				20.0	1.80
LZH	63.2	315	+iP	13 54 12.5		0.0		
			PMZ		$m_b = 5.7$		1.6	0.16
			PMZ		$m_B = 6.0$		6.0	1.07
			sP	13 54 34.5		1.3		
			ePP	13 56 35.0		3.0		
GTA	67.6	317	eP	13 54 40.8		0.0		
			PMZ		$m_b = 5.6$		1.2	0.10
			PMZ		$m_B = 5.9$		8.0	1.17
			pP	13 54 56.0		0.6		
			sP	13 55 05.0		3.3		
			sS	14 04 03.2		6.0		
			LN		$M_S = 5.2$		15.0	0.77
			LZ		$M_S = 5.4$		28.0	3.70
LSA	70.3	304	+P	13 54 57.9		0.5		
			S	14 04 06.0		4.5		
			LN		$M_S = 5.4$		19.0	1.30
WMQ	77.7	317	+P	13 55 39.5		−0.7		
			PMZ		$m_b = 5.2$		0.8	0.030
			PMZ		$m_B = 6.0$		7.0	1.57
			iS	14 05 28.0		1.4		
			SME				7.6	1.15
			LZ		$M_S = 5.2$		32.0	2.06
KSH	85.0	310	P	13 56 20.0		1.5		

JAN 15d 15h 23m 41.7 ± 0.03s, SD1.75 / 5
37.38 N ± 0.13km, 114.85 E ± 0.17km, h10 ± 0.38km
Eastern China (664)
M_L3.3 / 3,

BJI	2.8	21	Pg	15 24 32.0	−0.1
			Sg	15 25 10.5	−0.5
XAN	5.9	237	Pg	15 25 26.5	1.0
			Sg	15 26 43.5	−2.0

JAN 16d 01h 40m 33.7 ± 0.05s, SD1.53 / 100
20.11 S ± 0.66km, 68.68 W ± 0.96km, h124 ± 0.25km
Northern Chile (123)
m_b5.1 / 20,

WMQ	149.2	35	ePKP	02 00 05.5	1.1
MDJ	151.2	332	ePKP	02 00 08.5	1.1
GTA	158.4	25	PKP	02 00 13.8	−3.4
TIY	162.4	357	ePKP	02 00 24.8	3.3
XAN	166.0	8	PKP	02 00 26.8	2.0

JAN 16d 16h 09m 55.3 ± 0.04s, SD3.11 / 7
37.19 N ± 0.33km, 103.41 E ± 0.41km, h12 ± 0.16km
Qinghai Province (325)
M_L3.4 / 4,

XAN	5.5	123	Pg	16 11 31.0	−1.2
			Sg	16 12 42.0	−4.9
TIY	7.2	83	ePn	16 11 45.0	4.1

JAN 16d 23h 26m 55.3 ± 0.04s, SD1.55 / 27
34.60 S ± 1.55km, 104.33 W ± 0.96km, h4 ± 0.22km
Southern Pacific Ocean (692)
m_b4.9 / 2,

WHN	147.3	274	PKP	23 46 40.5	1.7
BJI	147.5	292	PKP	23 46 38.0	−1.2
XAN	152.6	278	PKP	23 46 50.0	2.9

JAN 17d 13h 01m 28.9 ± 0.19s, SD2.04 / 24
51.41 S ± 1.13km, 140.31 E ± 1.98km, h18 ± 0.98km
South of Australia (437)
m_b5.2 / 3,

GYA	83.0	330	eP	13 13 57.4	2.0		
KMI	83.1	326	eP	13 13 56.2	0.2		
SSE	83.9	344	+P	13 14 01.0	1.3		
			PMZ	$m_b = 5.2$	1.3		0.029
			eS	13 24 20.0	−1.3		
			LZ	$M_S = 4.9$		20.0	0.50
CD2	88.0	329	eP	13 14 19.5	−0.9		
			S	13 25 03.0	2.8		
			LZ	$M_S = 5.1$		20.0	0.80
XAN	89.4	334	eP	13 14 26.5	−0.6		
LZH	92.8	331	P	13 14 45.0	2.2		
			PMZ	$m_b = 5.1$		2.0	0.021
			LZ	$M_S = 4.9$		24.0	0.52
GTA	97.1	330	eP	13 15 07.0	4.6		
			LZ	$M_S = 4.9$		18.0	0.40

JAN 17d 20h 11m 31.0 ± 0.03s, SD1.09 / 266
4.98 S ± 0.62km, 151.25 E ± 0.70km, h144 ± 0.18km
New Britain region (192)
m_B5.7 / 13, m_b5.6 / 76,

QZH	43.5	315	−P	20 19 13.5	1.3		
			PMZ	$m_b = 6.1$		0.6	0.21
			S	20 25 40.0	1.1		
SSE	45.9	323	−P	20 19 42.0	0.4		

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International Seismological Centre

			PMZ		$m_b = 5.6$		1.7	0.19
			PMZ		$m_B = 5.7$		5.0	0.70
			pP	20 20 14.0		0.4		
			sP	20 20 30.0		0.0		
			S	20 26 14.0		0.2		
			sS	20 27 11.0		0.2		
			ScS	20 29 21.0		2.1		
			SS	20 29 36.0		1.7		
			LN				10.0	1.10
			LE				11.0	1.10
			LZ				20.0	1.40
GZH	46.3	309	+iP	20 19 47.2		2.4		
			eS	20 26 15.0		−5.5		
NJ2	48.0	322	+P	20 19 58.2		0.3		
			PMZ		$m_b = 5.6$		1.0	0.10
			PMZ				3.0	1.50
			LN				14.0	1.00
			LE				13.0	0.80
			LZ				18.0	0.90
WHN	49.9	317	−P	20 20 15.5		3.0		
			PMZ		$m_b = 5.2$		1.0	0.040
			ipP	20 20 50.0		5.1		
			S	20 27 14.0		4.4		
			sS	20 28 12.0		4.6		
DL2	51.6	331	−P	20 20 25.0		0.2		
			PMZ		$m_b = 5.8$		1.4	0.20
			PMZ		$m_B = 5.5$		6.0	0.50
			eS	20 27 34.0		1.0		
SNY	53.0	334	−iP	20 20 34.0		−1.4		
			PMZ		$m_B = 5.7$		6.0	0.80
MDJ	53.1	341	−P	20 20 35.7		−0.4		
GYA	53.3	308	+iP	20 20 38.6		0.8		
CN2	53.8	337	eP	20 20 42.0		0.2		
			PMZ		$m_b = 5.1$		1.0	0.030
			PMZ		$m_B = 5.5$		5.0	0.40
			pP	20 21 15.0		0.4		
			sP	20 21 30.0		−0.8		
			S	20 28 04.0		1.0		
BJI	55.2	328	eP	20 20 51.0		−0.6		
			PMZ		$m_b = 5.4$		2.0	0.12
			PMZ		$m_B = 5.7$		4.0	0.47
			eS	20 28 23.0		0.8		
			LZ				18.0	2.93
XAN	55.7	317	P	20 20 53.5		−1.8		
			LN				11.0	1.00
			LE				11.0	1.20
TIY	55.7	323	+P	20 20 56.2		0.7		
			pP	20 21 30.0		1.5		
			sP	20 21 48.5		3.9		
			S	20 28 34.0		5.8		
			sS	20 29 31.0		4.1		
KMI	55.8	305	−P	20 20 56.5		0.2		
			PMZ		$m_b = 5.3$		2.0	0.10
			pP	20 21 31.5		2.4		
			PcP	20 21 48.0		−4.4		
			LE				12.0	3.80
			LZ				14.0	7.80
CD2	57.7	311	eP	20 21 09.0		−0.3		
			PMZ		$m_b = 5.9$		0.6	0.10
			eS	20 28 48.6		−6.6		
			LN				10.0	4.40
			LZ				15.0	12.0
HHC	58.3	325	P	20 21 13.4		−0.3		
			PMZ		$m_b = 5.3$		1.0	0.050
			pP	20 21 48.0		1.1		
			sP	20 22 02.5		−0.4		
			PcP	20 21 58.0		−4.1		
			S	20 29 05.5		3.6		
			SMN				2.0	0.30
			SME				9.0	0.60
BTO	59.0	324	P	20 21 19.0		0.3		
			pP	20 21 53.0		1.0		
			sP	20 22 09.5		1.5		
			S	20 29 12.0		0.7		
			sS	20 30 09.0		−1.6		
LZH	60.3	317	−iP	20 21 27.5		0.1		
			PMZ		$m_b = 5.4$		2.0	0.11
			PMZ		$m_B = 5.7$		5.0	0.51
			LN				10.0	0.57
			LZ				20.0	1.82
GTA	64.7	318	−iP	20 21 56.6		−0.3		
			PMZ		$m_b = 5.0$		0.8	0.020
			PMZ		$m_B = 5.3$		8.0	0.39
			PcP	20 22 32.0		3.8		
			PP	20 24 19.0		−3.1		
			S	20 30 26.0		2.8		
			ScS	20 31 38.0		5.3		
			SS	20 34 36.0		−2.6		
			LE				10.0	0.40
			LZ				22.0	0.70
LSA	67.1	305	−P	20 22 11.9		−0.2		
			pP	20 22 48.5		2.9		
			LN				11.0	0.90
			LE				14.0	1.10
WMQ	74.8	318	−P	20 22 57.4		−0.7		
			PMZ		$m_b = 5.0$		1.0	0.030
			PcP	20 23 13.2		2.5		
			LZ				12.0	0.50

JAN 17d 20h 31m 53.0 ± 0.04s, SD1.53 / 201
24.04 N ± 0.77km, 122.62 E ± 0.79km, h21 ± 0.27km
Taiwan region (243)
M_S5.1 / 42, M_L5.1 / 9, m_B5.5 / 7,

QZH	3.8	285	+Pn	20 32 51.0		0.5		
			Sn	20 33 31.5		−4.7		
			SMN		$M_L = 4.9$		1.2	3.10
			SME				1.2	2.40
			LE				3.0	20.5
			LZ		$M_S = 4.9$		12.0	19.0
SSE	7.1	350	+iP	20 33 39.5		0.4		
			PMZ		$m_b = 5.8$		0.5	0.31
			pP	20 33 45.0		0.0		
			SMN		$M_L = 5.1$		1.7	0.85
			SME				1.5	0.90
			LN		$M_S = 4.9$		14.0	11.0
			LE				13.0	2.80
			LZ		$M_S = 4.7$		20.0	11.9
GZH	8.6	266	eP	20 33 56.8		−2.1		
			SMN		$M_L = 5.4$		1.1	1.00
			SME				1.1	0.70
			LN		$M_S = 4.9$		11.0	4.20
			LE				12.0	5.70
			LZ		$M_S = 4.8$		12.0	6.80
NJ2	8.6	338	−P	20 33 59.0		−1.1		
			PMZ		$m_b = 5.3$		0.8	0.10
			SMN		$M_L = 5.3$		1.2	0.30
			SME				1.4	0.90
			LN		$M_S = 5.2$		9.0	9.40
			LE				10.0	7.40
			LZ		$M_S = 4.8$		14.0	6.90
WHN	9.8	313	eP	20 34 19.0		3.0		
			S	20 36 07.5		1.3		
			SMN				1.2	0.70
			LN		$M_S = 5.0$		11.0	5.70
			LE				11.0	4.50
			LZ		$M_S = 4.7$		16.0	5.90

QZN	12.9	250	eP	20 34 59.6	1.6			
			eS	20 37 22.0	0.2			
			LN	M_S=4.6		13.0	1.90	
			LE			10.0	1.00	
TIA	13.0	340	eP	20 35 03.5	3.6			
			LN	M_S=5.1		11.0	5.60	
			LE			11.0	2.90	
			LZ	M_S=5.1		14.0	8.70	
GYA	14.6	283	P	20 35 20.2	−1.0			
			pP	20 35 28.8	2.0			
			SMN			2.0	1.40	
			SME			2.0	1.20	
			LN	M_S=5.1		10.0	2.90	
			LE			10.0	3.60	
			LZ	M_S=4.8		14.0	3.70	
DL2	14.8	357	eP	20 35 28.0	4.2			
			PMZ	m_b=4.9		1.8	0.040	
			PMZ	m_B=5.6		4.0	0.50	
			LN	M_S=5.1		12.0	5.10	
			LE			12.0	2.20	
			LZ	M_S=4.8		15.0	4.60	
XAN	15.6	313	P	20 35 33.5	0.3			
			LN	M_S=5.0		13.0	3.30	
			LE			14.0	4.20	
TIY	16.2	330	eP	20 35 42.0	0.9			
			LN	M_S=5.4		14.0	11.4	
			LZ	M_S=5.3		14.0	10.4	
BJI	16.9	343	eP	20 35 50.0	0.5			
			PMZ	m_b=4.8		1.1	0.056	
			PMZ	m_B=5.7		5.0	1.85	
			LN	M_S=5.4		12.0	8.96	
			LZ	M_S=5.1		14.0	7.03	
SNY	17.8	2	eP	20 36 01.7	0.8			
			PMZ	m_b=4.7		1.0	0.040	
			LN	M_S=5.0		12.0	3.00	
			LE			14.0	1.70	
			LZ	M_S=5.1		14.0	6.00	
CD2	18.1	296	eP	20 36 04.6	−0.2			
			eS	20 39 20.2	−3.0			
			LN	M_S=5.3		7.0	3.80	
KMI	18.1	278	+P	20 36 08.0	2.5			
			PMZ	m_b=4.8		2.0	0.10	
HHC	19.2	334	+P	20 36 19.2	1.1			
			PMZ	m_b=5.1		1.2	0.12	
			LN	M_S=5.2		13.0	3.90	
			LE			14.0	3.20	
			LZ	M_S=5.3		15.0	10.0	
BTO	19.6	330	P	20 36 24.0	0.8			
			esP	20 36 31.0	−2.3			
			LN	M_S=5.5		13.0	7.80	
			LE			13.0	5.50	
CN2	19.9	6	eP	20 36 25.0	−0.7			
			epP	20 36 35.0	2.7			
			eS	20 40 05.0	1.8			
			LN	M_S=5.2		14.0	5.00	
			LE			14.0	2.00	
			LZ	M_S=5.6		14.0	16.6	
LZH	20.2	311	+iP	20 36 30.5	1.2			
			PMZ	m_b=5.4		1.5	0.28	
			PMZ	m_B=5.4		4.0	0.75	
			pP	20 36 38.0	2.2			
			sP	20 36 41.5	2.0			
			eS	20 40 06.0	−4.1			
			LN	M_S=5.1		12.0	2.82	
			LE			12.0	2.54	
			LZ	M_S=5.1		17.0	6.81	
MDJ	21.3	14	eP	20 36 40.3	−0.6			
			LN	M_S=5.2		13.0	3.50	
			LE			13.0	3.70	
			LZ	M_S=4.9		20.0	4.20	
GTA	24.6	314	+iP	20 37 13.6	−0.1			
			PMZ	m_b=5.3		1.1	0.11	
			PMZ	m_B=5.5		4.0	0.67	
			pP	20 37 20.2	−0.4			
			sP	20 37 25.6	1.7			
			eS	20 41 29.0	−2.4			
			sS	20 41 42.0	−0.6			
			eSS	20 42 23.0	−3.3			
			LE	M_S=5.2		14.0	4.20	
			LZ	M_S=5.1		16.0	4.70	
LSA	28.6	288	+P	20 37 50.9	0.3			
WMQ	34.7	313	−iP	20 38 44.2	0.3			
			PMZ	m_b=5.2		1.0	0.040	
			PcP	20 41 21.0	3.9			
			eS	20 44 07.6	−4.5			
			SS	20 46 22.5	−1.3			
			ScS	20 49 02.5	0.9			
			LN	M_S=5.2		11.0	1.20	
			LE			11.0	1.40	
			LZ	M_S=4.9		14.0	1.70	
KSH	42.1	303	eP	20 39 47.0	1.0			

JAN 18d 01h 36m 25.9 ± 0.03s, SD1.46 / 292
23.71 N ± 0.84km, 121.32 E ± 0.79km, h9 ± 0.24km
Taiwan (244)
M_S6.1 / 58, M_L5.5 / 2, m_B6.0 / 30,

QZH	2.8	297	+Pn	01 37 11.0	0.0			
			Sn	01 37 44.0	−2.6			
			LE			7.0	20.0	
			LZ			7.0	14.4	
GZH	7.4	267	Pn	01 38 15.0	1.2			
			SMN	M_L=5.7		0.8	1.50	
			SME			1.3	4.10	
			LN	M_S=6.1		9.0	108	
			LE			11.0	85.3	
			LZ	M_S=5.7		13.0	63.8	
SSE	7.4	359	−iP	01 38 15.0	−1.5			
			PMZ	m_b=5.8		1.0	0.63	
			pP	01 38 18.0	−2.9			
			LN	M_S=5.9		10.0	57.6	
			LE			10.0	68.7	
NJ2	8.6	346	+P	01 38 31.5	−2.2			
			PMZ	m_b=5.4		0.6	0.10	
			pP	01 38 35.6	−2.6			
			sP	01 38 40.3	−0.8			
			S	01 40 05.6	−6.0			
			LE	M_S=6.4		6.5	129	
			LZ	M_S=5.4		11.0	24.8	
WHN	9.2	319	+P	01 38 42.0	−0.2			
			pP	01 38 47.5	0.7			
			LE	M_S=6.1		10.0	95.0	
			LZ	M_S=5.6		12.0	38.5	
QZN	11.7	249	eP	01 39 13.0	−2.8			
			eS	01 41 26.0	−1.3			
			LN	M_S=5.8		12.0	29.7	
			LE			15.0	27.5	
TIA	13.0	345	eP	01 39 31.5	−2.2			
			PMZ	m_B=6.0		7.0	2.40	
			LN	M_S=6.0		7.0	12.8	
			LE			10.0	33.6	
			LZ	M_S=5.8		9.0	27.4	
GYA	13.6	285	−iP	01 39 40.4	−1.0			
			PMZ	m_b=6.0		1.0	0.30	
			PP	01 39 51.0	−0.7			
			LN	M_S=6.1		10.0	44.2	
			LE			10.0	19.5	

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			LZ		$M_S=5.8$		14.0	42.5
XAN	15.0	316	P	01 39	59.5	−0.1		
			LN		$M_S=6.4$		4.0	24.1
			LE				4.0	28.1
DL2	15.2	1	−iP	01 40	05.0	2.8		
			PMZ		$m_B=5.9$		8.0	4.90
			S	01 42	56.0	5.4		
			LN		$M_S=5.8$		9.0	7.40
			LE				10.0	21.1
			LZ		$M_S=5.5$		13.0	16.5
TIY	15.9	333	−P	01 40	14.0	2.0		
			PMZ		$m_B=6.0$		5.0	3.80
			sP	01 40	25.0	5.2		
			S	01 43	13.0	4.9		
			SS	01 43	33.0	6.4		
			LN		$M_S=6.1$		10.0	42.3
			LZ		$M_S=5.8$		12.0	28.8
BJI	16.9	346	−P	01 40	26.0	2.0		
			PMZ		$m_b=5.9$		2.0	1.04
			PMZ		$m_B=6.0$		8.0	5.50
			eS	01 43	28.0	−2.8		
			LE		$M_S=5.9$		9.0	21.1
			LZ		$M_S=5.8$		12.0	27.1
KMI	17.0	279	−P	01 40	25.0	−0.8		
			PMZ		$m_b=5.4$		2.0	0.36
			pP	01 40	29.0	−0.9		
			sP	01 40	36.5	3.0		
			LE		$M_S=6.2$		9.0	42.8
			LZ		$M_S=6.1$		10.0	50.6
CD2	17.2	299	eP	01 40	26.8	−1.2		
			PMZ		$m_b=5.8$		1.2	0.50
			PMZ		$m_B=6.1$		4.0	3.40
			iS	01 43	44.0	5.9		
			LE		$M_S=6.2$		10.0	52.9
			LZ		$M_S=6.3$		10.0	73.8
SNY	18.2	5	−iP	01 40	42.0	1.5		
			PMZ		$m_b=6.1$		2.2	2.00
			PMZ		$m_B=6.5$		8.0	16.6
			iS	01 44	06.0	5.2		
			LE		$M_S=6.0$		16.0	41.4
			LZ		$M_S=5.5$		16.0	19.5
HHC	19.0	337	P	01 40	52.4	2.1		
			PMZ		$m_b=5.8$		1.0	0.40
			PMZ		$m_B=6.5$		5.0	10.0
			SMN				7.0	3.70
			SME				6.0	4.10
			LN		$M_S=5.9$		10.0	10.5
			LE				11.0	17.8
			LZ		$M_S=5.6$		12.0	16.0
BTO	19.3	333	P	01 40	55.5	0.8		
			PMZ		$m_B=6.3$		5.0	7.60
			LN		$M_S=6.1$		11.0	28.9
			LE				11.0	16.9
LZH	19.5	313	+iP	01 40	57.5	0.9		
			PMZ		$m_b=6.0$		2.0	1.52
			PMZ		$m_B=5.9$		4.5	2.37
			LE		$M_S=6.3$		9.0	46.6
			LZ		$M_S=6.2$		10.0	53.5
CN2	20.3	9	−P	01 41	04.4	−1.2		
			PMZ		$m_b=5.2$		1.0	0.10
			PMZ		$m_B=5.8$		6.0	2.70
			pP	01 41	12.0	1.5		
			eS	01 44	47.0	−1.7		
			LN		$M_S=5.7$		11.0	10.7
			LE				11.0	6.00
			LZ		$M_S=6.1$		13.0	50.0
MDJ	21.9	16	P	01 41	22.0	0.1		
			PMZ		$m_b=5.8$		1.2	0.50
			PMZ		$m_B=6.0$		6.0	3.90
			S	01 45	24.0	5.4		
			LN		$M_S=6.2$		12.0	15.0
			LE				12.0	39.3
GTA	24.0	316	−iP	01 41	43.7	1.2		
			PMZ		$m_b=6.0$		1.2	0.60
			PMZ		$m_B=6.2$		4.5	3.72
			pP	01 41	50.0	2.6		
			sP	01 41	55.0	4.6		
			S	01 46	00.0	4.2		
			sS	01 46	10.0	5.1		
			eSS	01 46	52.0	5.7		
			LN		$M_S=6.1$		11.0	16.0
			LE				10.0	19.2
			LZ		$M_S=5.8$		15.0	23.3
LSA	27.6	289	P	01 42	17.6	1.5		
			PP	01 43	00.0	−2.9		
			S	01 46	58.0	3.3		
			LN		$M_S=5.8$		14.0	12.4
			LZ		$M_S=5.5$		9.0	5.50
WMQ	34.1	314	+iP	01 43	14.4	1.1		
			PMZ		$m_B=6.3$		5.0	2.20
			PP	01 44	28.5	2.0		
			sS	01 48	50.0	3.1		
			ScP	01 49	33.0	−1.2		
			ScS	01 53	30.0	−4.8		
			LN		$M_S=6.3$		11.0	12.6
			LE				11.0	17.5
KSH	41.3	303	+iP	01 44	17.0	2.9		
			eS	01 50	35.0	6.3		
			LN		$M_S=6.3$		9.0	14.6

JAN 18d 02h 16m 14.4 ± 0.05s, SD2.21 / 17
47.32 N ± 0.68km, 125.05 E ± 0.52km, h19 ± 0.04km
North−Eastern China (658)
M_L3.8 / 11, m_b4.5 / 2,

MDJ	4.2	129	Pn	02 17	20.1	2.5		
			Pg	02 17	34.0	6.0		
			Sg	02 18	25.0	0.0		
			SMN		$M_L=4.0$		0.8	0.23
			SME				0.8	0.30
LZH	19.3	242	P	02 20	43.5	1.5		
			PMZ		$m_b=4.5$		1.0	0.025
GTA	19.9	256	eP	02 20	49.6	1.2		
			PMZ		$m_b=4.4$		0.5	0.010

JAN 18d 02h 24m 47.5 ± 0.33s, SD2.48 / 6
23.99 N ± 2.41km, 121.14 E ± 1.68km, h5 ± km
Taiwan (244)
M_L3.2 / 4,

QZH	2.5	293	ePn	02 25	29.5	0.3		
			SMN		$M_L=3.1$		0.8	0.14
			SME				0.8	0.080
SSE	7.1	0	eP	02 26	33.5	−1.0		

JAN 18d 05h 56m 34.3 ± 0.06s, SD2.89 / 24
37.42 N ± 0.87km, 73.18 E ± 1.07km, h51 ± 0.37km
Afghanistan−USSR border region (717)
M_L4.4 / 2, m_b4.9 / 11,

KSH	3.0	45	eP	05 57	20.0	−1.0		
			SMN		$M_L=4.5$		0.6	1.20
			SME				0.6	2.20
WMQ	12.7	55	P	05 59	32.5	−2.9		
			eS	06 01	51.5	−4.4		

JAN 18d 09h 08m 20.1 ± 0.04s, SD1.31 / 123
15.11 N ± 0.82km, 147.69 E ± 0.78km, h25 ± 0.12km
Marianas region (215)

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M_S4.9 / 10, m_B5.7 / 3, m_b5.1 / 33

SSE	29.0	308	P	09	14	20.0	−0.4		
			PMZ			m_b = 4.8		1.2	0.025
			eS	09	19	14.0	5.2		
			LE			M_S = 4.7		11.0	0.70
			LZ			M_S = 4.8		20.0	2.30
WHN	34.2	302	+P	09	15	09.2	3.2		
			LE			M_S = 4.8		13.0	0.90
			LZ			M_S = 4.3		24.0	0.70
CN2	34.3	331	eP	09	15	05.0	−2.0		
			epP	09	15	14.0	−1.0		
			LN			M_S = 4.9		13.0	0.90
			LE					13.0	0.40
			LZ			M_S = 5.0		20.0	3.00
TIA	34.4	313	eP	09	15	08.8	0.9		
BJI	37.0	318	eP	09	15	29.0	−1.2		
			PMZ			m_b = 5.3		1.5	0.078
			eS	09	21	12.0	−2.3		
			esS	09	21	32.0	4.5		
			LZ			M_S = 4.7		36.0	2.10
TIY	38.4	313	+P	09	15	43.0	1.0		
			LE			M_S = 4.8		12.0	0.70
			LZ			M_S = 4.7		24.0	1.50
XAN	39.7	305	P	09	15	51.5	−0.8		
GYA	39.8	293	P	09	15	54.4	0.8		
HHC	40.5	316	P	09	15	58.6	−0.4		
BTO	41.4	315	eP	09	16	07.0	0.3		
			eS	09	22	20.0	−0.2		
CD2	43.1	299	P	09	16	20.0	−0.4		
			PMZ			m_b = 5.7		1.8	0.20
			PMZ			m_B = 5.6		6.0	0.60
			ePP	09	18	03.0	0.3		
			eS	09	22	41.5	−3.4		
			LE			M_S = 5.0		14.0	1.00
			LZ			M_S = 4.8		22.0	1.50
LZH	44.3	306	+iP	09	16	30.7	0.7		
			PMZ			m_b = 5.7		1.8	0.24
			PMZ			m_B = 5.8		5.0	0.73
			pP	09	16	40.3	2.4		
			S	09	23	03.0	2.2		
			LE			M_S = 4.9		15.0	0.81
			LZ			M_S = 4.9		16.0	1.21
GTA	48.3	310	eP	09	17	01.6	−0.1		
			PMZ			m_b = 5.4		2.0	0.11
			PMZ			m_B = 5.7		6.0	0.64
			pP	09	17	06.0	−3.5		
			sP	09	17	12.7	−0.3		
			PcP	09	18	28.7	0.8		
			eS	09	23	58.2	−1.0		
			LE			M_S = 5.2		17.0	1.40
			LZ			M_S = 5.1		20.0	2.10
LSA	53.8	296	P	09	17	44.6	0.9		
WMQ	58.1	312	+P	09	18	14.0	−0.4		
			PMZ			m_b = 5.5		1.5	0.10
			S	09	26	15.5	4.2		
			SMN					3.5	0.20

JAN 18d 10h 00m 33.6 ± 0.04s, SD1.43 / 39
21.10 S ± 0.66km, 178.44 W ± 0.98km, h592 ± 0.50km
Fiji region (181)
m_b5.1 / 8,

TIY	87.4	312	eP	10	12	21.5	0.8		
XAN	88.2	308	P	10	12	24.2	−0.2		
WMQ	107.0	311	ePdif	10	13	48.6	−0.8		

JAN 18d 10h 45m 17.8 ± 0.05s, SD1.53 / 189
51.15 S ± 1.10km, 139.44 E ± 1.21km, h9 ± 0.25km
South of Australia (437)

M_S6.4 / 20, m_B6.4 / 6, m_b5.6 / 32

QZN	74.5	331	eP	10	57	03.5	4.0		
			iS	11	06	39.0	4.9		
			SMN					11.0	5.00
			SME					11.0	3.60
			LN			M_S = 6.1		14.0	1.90
			LE					18.0	4.60
KMI	82.6	327	−P	10	57	43.5	0.0		
			PMZ			m_b = 6.1		2.0	0.40
			PMZ			m_B = 6.4		5.0	1.80
			pP	10	57	47.5	−1.1		
			LN			M_S = 6.3		19.0	7.30
			LZ			M_S = 6.4		23.0	18.5
SSE	83.5	344	P	10	57	45.8	−2.1		
			PMZ			m_b = 6.3		1.3	0.39
			S	11	08	08.0	1.0		
			LN			M_S = 6.3		19.0	5.70
			LE					18.0	4.30
			LZ			M_S = 6.2		20.0	10.1
NJ2	84.8	343	eP	10	57	58.0	3.3		
			iS	11	08	20.0	−2.0		
			LZ			M_S = 5.7		20.0	3.00
CD2	87.6	330	eP	10	58	08.0	−0.3		
LSA	91.0	319	P	10	58	24.7	−0.5		
			SKS	11	08	55.0	1.2		
			SS	11	15	28.0	2.2		
			LN			M_S = 6.1		18.0	3.60
			LZ			M_S = 6.0		17.0	4.30
LZH	92.3	332	−P	10	58	30.0	−0.8		
			PMZ			m_b = 6.4		2.5	0.50
			PMZ			m_B = 6.4		5.0	1.10
			pP	10	58	41.0	5.0		
BJI	93.1	342	eP	10	58	34.0	0.0		
			PMZ			m_b = 5.4		1.0	0.018
			eSKS	11	09	00.0	−5.3		
SNY	93.6	348	eP	10	58	35.8	−0.7		
			LN			M_S = 6.2		18.0	4.30
			LE					17.0	1.80
			LZ			M_S = 6.1		24.0	7.90
HHC	94.8	339	eP	10	58	41.4	−0.7		
			PP	11	02	27.0	−4.7		
			SKS	11	09	20.0	5.1		
			S	11	09	56.0	4.6		
			SMN					10.0	1.60
			SME					10.0	0.80
			LE			M_S = 6.7		23.0	16.2
			LZ			M_S = 6.1		28.0	8.20
BTO	94.9	338	eP	10	58	45.0	2.4		
CN2	95.3	350	eP	10	58	44.0	−0.5		
			epP	10	58	49.0	−0.8		
			eS	11	09	52.0	−5.9		
			LN			M_S = 6.2		22.0	5.60
			LE					22.0	1.40
			LZ			M_S = 6.4		23.0	16.0
MDJ	95.8	353	eP	10	58	46.5	0.1		
			LZ			M_S = 5.7		32.0	3.70
GTA	96.6	330	eP	10	58	51.8	1.4		
			PMZ			m_b = 6.2		2.0	0.10
			PMZ			m_B = 6.3		8.0	0.50
			PP	11	02	46.4	0.3		
			SKS	11	09	23.5	−0.9		
			LN			M_S = 6.5		19.0	9.30
			LZ			M_S = 5.6		20.0	2.10

JAN 18d 10h 49m 56.3 ± 0.06s, SD1.81 / 111
23.73 N ± 0.89km, 121.32 E ± 0.85km, h9 ± 0.23km
Taiwan (244)
M_S5.1 / 34, M_L5.0 / 11, m_B5.5 / 7,

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QZH	2.8	296	−Pn	10 50 41.0	−0.2			
			Pg	10 50 50.0	4.9			
			Sn	10 51 13.0	−3.7			
			SMN	$M_L=4.5$		1.0	2.60	
			SME			1.0	2.10	
			LN			7.0	12.9	
			LE			7.0	11.3	
			LZ			7.0	15.6	
SSE	7.3	359	P	10 51 45.5	−1.0			
			PMZ	$m_b=4.6$		0.8	0.031	
			pP	10 51 47.5	−3.5			
			sP	10 51 53.3	−0.6			
			S	10 53 07.0	−3.6			
			SMN	$M_L=5.2$		1.3	0.53	
			SME			1.5	1.38	
			LN	$M_S=4.8$		10.0	4.10	
			LE			10.0	5.20	
			LZ	$M_S=4.5$		16.0	5.30	
GZH	7.4	267	P	10 51 45.0	−1.7			
			SMN	$M_L=5.0$		1.0	0.50	
			SME			1.2	0.60	
			LN	$M_S=4.9$		8.0	5.70	
			LE			5.0	2.90	
			LZ	$M_S=4.6$		14.0	5.30	
NJ2	8.6	346	−P	10 52 01.5	−2.3			
			pP	10 52 07.7	−0.6			
			SMN	$M_L=5.4$		1.4	0.90	
			SME			1.4	0.70	
			LN	$M_S=5.3$		4.0	3.90	
			LE			5.0	7.10	
			LZ	$M_S=4.5$		9.0	2.30	
WHN	9.2	319	eP	10 52 11.5	−0.9			
			S	10 53 57.0	0.2			
			SMN			1.5	1.60	
			LE	$M_S=5.0$		10.0	7.30	
			LZ	$M_S=4.6$		12.0	3.70	
GYA	13.6	285	P	10 53 13.0	1.3			
			S	10 55 38.6	−4.4			
			SMN			2.0	0.90	
			SME			2.0	0.70	
			LN	$M_S=5.3$		10.0	2.20	
			LE			10.0	7.40	
XAN	14.9	316	P	10 53 28.7	−1.1			
			LN	$M_S=5.3$		9.0	5.90	
			LE			9.0	2.50	
DL2	15.1	1	+P	10 53 35.5	3.2			
			PMZ	$m_b=5.5$		2.0	0.40	
			PMZ	$m_B=5.4$		5.0	0.80	
			LN	$M_S=4.8$		10.0	2.30	
			LZ	$M_S=4.6$		10.0	1.70	
TIY	15.9	333	eP	10 53 43.5	1.4			
			pP	10 53 49.0	2.7			
			LN	$M_S=5.1$		9.0	3.80	
			LZ	$M_S=4.9$		8.0	2.80	
BJI	16.8	346	eP	10 53 55.5	1.4			
			PMZ	$m_b=5.0$		1.5	0.097	
KMI	17.0	279	eP	10 53 57.5	1.3			
CD2	17.2	298	eP	10 53 58.9	0.6			
			S	10 57 13.5	6.0			
			LE	$M_S=5.4$		9.0	7.40	
			LZ	$M_S=5.1$		12.0	5.90	
SNY	18.1	5	−iP	10 54 12.0	1.4			
			PMZ	$m_b=4.9$		1.8	0.10	
			PMZ	$m_B=5.6$		7.0	1.90	
			S	10 57 33.0	3.0			
			sS	10 57 38.0	0.2			
			LE	$M_S=4.9$		14.5	3.00	
			LZ	$M_S=4.7$		12.0	2.30	
HHC	18.9	337	P	10 54 22.4	2.0			
			PMZ	$m_b=5.5$		1.4	0.39	
			LN	$M_S=4.7$		10.0	1.30	
			LZ	$M_S=4.7$		12.0	2.00	
BTO	19.3	333	eP	10 54 25.0	0.1			
			sP	10 54 30.0	−2.6			
			LN	$M_S=4.9$		12.0	2.10	
			LE			11.0	1.60	
LZH	19.5	313	−iP	10 54 27.0	0.2			
			PMZ	$m_b=5.0$		2.0	0.14	
			PMZ	$m_B=5.5$		5.0	1.17	
			sP	10 54 37.0	2.5			
			PP	10 54 47.3	3.5			
CN2	20.3	9	eP	10 54 37.0	1.3			
			epP	10 54 44.0	3.4			
			eS	10 58 19.0	0.4			
			LN	$M_S=4.6$		11.0	0.80	
			LE			11.0	0.50	
			LZ	$M_S=4.9$		13.0	3.40	
MDJ	21.9	16	eP	10 54 53.5	1.4			
			eS	10 58 52.0	2.7			
			LZ	$M_S=4.8$		16.0	2.80	
GTA	24.0	316	P	10 55 13.0	0.3			
			PMZ	$m_b=5.0$		1.2	0.070	
			PMZ	$m_B=5.5$		6.0	0.94	
			pP	10 55 20.5	2.9			
			eS	10 59 26.0	−1.0			
			sS	10 59 39.0	4.0			
			LE	$M_S=5.0$		12.0	2.20	
			LZ	$M_S=4.9$		12.0	2.50	
WMQ	34.0	314	P	10 56 45.6	2.1			
			PMZ	$m_b=5.4$		1.5	0.10	
			eS	11 02 04.0	−4.5			
			LN	$M_S=5.2$		9.0	1.70	

JAN 18d 10h 54m 31.8±0.26s, SD2.59/10
23.49 N±1.95km, 121.14 E±1.62km, h5±km
Taiwan (244)
M_S5.0/2, M_L4.4/7, m_B5.1/1,

QZH	2.7	302	ePn	10 55 20.0	3.2			
			Sn	10 55 54.0	1.7			
			SMN	$M_L=4.0$		0.9	0.78	
			SME			0.7	0.55	
NJ2	8.8	347	eP	10 56 41.0	−1.4			
			SMN	$M_L=4.8$		1.0	0.22	
			SME			1.2	0.15	
BJI	17.0	347	eP	10 58 34.0	1.4			
			PMZ	$m_b=4.4$		1.0	0.018	
GTA	24.1	316	eP	10 59 51.8	2.4			
			PMZ	$m_b=5.0$		2.0	0.10	
			PMZ	$m_B=5.1$		8.0	0.50	
			LN	$M_S=5.4$		19.0	9.30	
			LZ	$M_S=4.6$		20.0	2.10	

JAN 18d 12h 21m 13.4±0.05s, SD3.49/6
37.31 N±0.45km, 103.57 E±0.43km, h13±0.16km
Gansu Province (322)
M_L3.3/4,

GTA	3.6	307	Pn	12 22 11.6	1.8			
			Pg	12 22 20.0	2.7			
			SMN	$M_L=2.9$		1.0	0.040	
			SME			0.8	0.030	
XAN	5.4	125	Pg	12 22 52.0	2.4			

JAN 18d 12h 40m 08.0±0.13s, SD2.35/25
23.78 N±0.88km, 121.45 E±1.01km, h8±0.29km
Taiwan (244)
M_S3.8/1, M_L4.1/11, m_b4.4/5

QZH	2.8	294	ePn	12 40 52.8	−1.4			
			Sn	12 41 28.1	−2.5			
			SMN	M_L=3.8		0.6	0.44	
			SME			0.9	0.35	
SSE	7.3	358	−P	12 41 56.5	−1.1			
			PMZ	m_b=4.4		1.0	0.025	
			eS	12 43 20.0	−1.3			
			SMN	M_L=4.0		1.0	0.037	
			SME			1.2	0.086	
			LE	M_S=3.8		6.0	0.40	
GZH	7.5	266	eP	12 42 03.9	3.7			
			SMN	M_L=4.7		0.9	0.50	
			SME			0.9	0.10	
NJ2	8.5	345	+P	12 42 17.0	1.7			
			SMN	M_L=4.5		1.0	0.10	
			SME			1.0	0.10	
			LN			3.0	0.30	
			LE			4.0	0.40	
WHN	9.2	318	eP	12 42 26.0	1.3			
			eS	12 44 12.0	2.2			
			SMN			1.2	0.10	
QZN	11.8	249	eP	12 43 04.5	4.6			
			eS	12 45 18.0	5.0			
GYA	13.7	284	eP	12 43 24.0	−0.9			
			SMN			2.0	0.20	
			SME			2.0	0.10	
XAN	15.0	316	P	12 43 40.0	−2.2			
LZH	19.5	313	eP	12 44 41.5	2.3			
			PMZ	m_b=4.4		2.0	0.036	

JAN 18d 21h 20m 35.0±0.77s, SD4.74/5
23.51 N±6.11km, 121.41 E±4.29km, h9±1.00km
Taiwan (244)
M_L3.4/4,

QZH	2.9	300	ePn	21 21 23.0	0.7			
			Sn	21 21 58.5	−1.2			
			SMN	M_L=3.1		1.0	0.10	
			SME			1.0	0.060	

JAN 18d 22h 33m 06.7±0.05s, SD2.34/18
37.47 N±0.41km, 112.49 E±0.45km, h23±0.25km
Eastern China (664)
M_L3.4/16,

TIY	0.2	350	+iPg	22 33 11.1	−1.4			
			Sg	22 33 14.5	−2.3			
			SMN	M_L=3.2		0.4	3.10	
			SME			0.4	2.70	
HHC	3.4	348	Pn	22 34 04.0	4.3			
			Pg	22 34 06.8	−0.9			
			Sn	22 34 44.8	3.3			
			Sg	22 34 53.4	−1.5			
			SMN	M_L=4.0		0.8	0.60	
			SME			0.8	0.30	
BTO	3.7	329	ePg	22 34 10.6	−1.1			
			Sn	22 34 53.2	6.3			
			SMN	M_L=3.4		0.6	0.10	
			SME			0.6	0.10	
BJI	3.9	47	Pg	22 34 12.0	−2.9			
			Sn	22 34 58.5	6.9			
			SMN	M_L=3.4		1.0	0.098	
			SME			1.0	0.086	
TIA	3.9	107	Pn	22 34 04.0	-2.1			
			Pg	22 34 17.4	1.3			
			Sg	22 35 07.2	--2.6			
			SMN	M_L=3.0		0.5	0.040	
			SME			0.5	0.030	
XAN	4.5	221	Pn	22 34 14.0	0.1			
			Pg	22 34 31.5	5.5			
			Sn	22 35 06.5	−0.7			
			Sg	22 35 29.0	1.5			
			SMN	M_L=3.6		1.0	0.10	
			SME			1.0	0.10	

JAN 18d 22h 53m 08.7±0.05s, SD1.90/95
23.69 N±0.85km, 121.73 E±0.93km, h10±0.33km
Taiwan (244)
M_S5.1/43, M_L4.9/11, m_B5.3/3,

QZH	3.1	294	+Pn	22 53 58.0	−0.4			
			Sn	22 54 34.4	−3.4			
			SMN	M_L=4.8		1.2	3.90	
			SME			1.2	3.50	
			LN	M_S=5.1		7.0	19.2	
			LE			7.0	17.6	
			LZ	M_S=5.1		7.0	24.1	
SSE	7.4	356	+P	22 55 00.5	1.0			
			PMZ	m_b=4.6		1.0	0.037	
			eS	22 56 20.0	−4.1			
			SMN	M_L=4.9		1.4	0.43	
			SME			1.2	0.53	
			LE	M_S=4.9		12.0	9.60	
			LZ	M_S=4.5		14.0	4.40	
GZH	7.7	267	eP	22 55 01.0	−3.3			
			SMN	M_L=5.1		1.0	0.60	
			SME			1.2	0.60	
			LN	M_S=5.0		7.0	6.30	
			LE			8.0	2.70	
			LZ	M_S=4.6		8.0	3.50	
NJ2	8.7	344	+P	22 55 15.3	−2.6			
			PMZ	m_b=4.6		0.8	0.020	
			S	22 56 51.4	−5.5			
			SMN	M_L=5.4		1.1	0.70	
			SME			1.2	0.70	
			LN	M_S=5.2		8.0	6.10	
			LE			9.0	8.80	
			LZ	M_S=4.6		9.0	3.30	
WHN	9.5	318	P	22 55 28.5	0.0			
			S	22 57 13.0	−2.9			
			SMN			1.5	1.20	
			SME			1.2	0.60	
			LN	M_S=5.1		8.0	5.50	
			LE			9.0	4.90	
			LZ	M_S=4.6		9.0	2.60	
QZN	12.0	250	eP	22 56 04.4	1.2			
			eS	22 58 17.0	−1.4			
			LN	M_S=4.7		13.0	2.90	
			LE			13.0	1.60	
TIA	13.1	343	eP	22 56 20.7	2.9			
			LN	M_S=5.1		11.0	1.90	
			LE			11.5	5.20	
			LZ	M_S=5.0		8.0	4.10	
GYA	13.9	285	P	22 56 28.0	−1.0			
			SMN			2.0	2.20	
			SME			2.0	0.60	
			LN	M_S=5.2		10.0	6.40	
			LE			10.0	1.90	
DL2	15.2	360	eP	22 56 47.0	2.0			
			LN	M_S=4.9		7.0	1.90	
			LZ	M_S=4.4		12.0	1.20	
XAN	15.2	315	P	22 56 45.0	−0.8			
			LN	M_S=5.5		5.0	4.30	
			LE			5.0	3.00	
TIY	16.1	332	eP	22 57 01.0	4.0			
			LN	M_S=5.3		8.0	4.80	
			LZ	M_S=5.0		8.0	3.00	
BJI	17.0	345	eP	22 57 11.0	3.0			
			PMZ	m_b=4.5		2.0	0.048	

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			eS	23 00 20.0	4.3				
			LN	M_S=4.7		9.0	0.78		
			LE			10.0	1.46		
			LZ	M_S=4.3		12.0	0.90		
KMI	17.4	279	-P	22 57 16.5	3.3				
			PMZ	m_b=4.7		2.5	0.10		
			PMZ	m_B=5.2		4.0	0.50		
			sP	22 57 26.0	4.9				
			LE	M_S=5.1		9.0	3.60		
			LZ	M_S=5.1		10.0	5.20		
CD2	17.5	298	eP	22 57 14.5	-0.4				
SNY	18.1	4	eP	22 57 25.0	2.1				
			pP	22 57 32.0	4.5				
			LE	M_S=5.0		13.0	3.80		
			LZ	M_S=4.6		12.0	1.80		
HHC	19.1	336	eP	22 57 37.0	2.1				
			LN	M_S=4.8		10.0	1.10		
			LE			10.0	1.00		
			LZ	M_S=4.7		12.0	2.00		
BTO	19.5	332	eP	22 57 41.0	1.6				
			sP	22 57 47.0	-0.5				
			eS	23 01 20.0	5.7				
			LN	M_S=5.1		10.0	3.10		
			LE			10.0	1.50		
LZH	19.8	313	-P	22 57 43.2	0.7				
			PMZ	m_b=5.0		2.0	0.13		
			PMZ	m_B=5.3		6.0	0.85		
			pP	22 57 50.5	3.2				
			sP	22 57 55.5	5.0				
CN2	20.3	8	eP	22 57 47.0	-0.7				
			epP	22 57 53.0	0.2				
			eS	23 01 29.0	-1.3				
			LN	M_S=4.7		13.0	1.00		
			LE			13.0	1.00		
			LZ	M_S=4.8		13.0	2.70		
MDJ	21.8	15	eP	22 58 02.5	-1.1				
			LZ	M_S=4.5		14.0	1.30		
GTA	24.3	315	eP	22 58 28.3	0.5				
			PMZ	m_b=4.8		2.0	0.070		
			PMZ	m_B=5.3		4.0	0.42		
			pP	22 58 36.4	3.5				
			sS	23 02 52.0	-0.4				
			LN	M_S=5.0		10.0	1.00		
			LE			8.0	1.20		
			LZ	M_S=4.6		15.0	1.50		
LSA	27.9	289	eP	22 59 04.4	2.4				
			LN	M_S=4.8		14.0	1.30		
WMQ	34.3	314	P	23 00 03.0	4.7				

JAN 19d 00h 57m 21.2±0.10s, SD4.35/8
39.40 N±1.11km, 75.46 E±0.25km, h28±0.96km
Tadzhikistan-Xinjiang border region (719)
M_L4.2/5,

KSH	0.4	72	+Pg	00 57 28.5	-0.9				
			Sg	00 57 36.0	0.6				
			SMN	M_L=4.2		0.2	13.3		
			SME			0.4	22.0		
WMQ	10.2	60	P	00 59 47.5	-1.2				

JAN 19d 01h 08m 38.3±0.29s, SD2.26/6
35.57 N±2.42km, 80.74 E±1.32km, h17±0.14km
Kashmir-Tibet border region (304)
M_L4.1/3,

WMQ	9.8	31	eP	01 11 04.2	2.0				
			eS	01 12 54.0	0.7				
			SMN			1.5	0.030		
			SME			1.5	0.040		

JAN 19d 03h 06m 35.2±0.05s, SD2.10/31
5.05 S±0.82km, 131.41 E±1.30km, h14±0.11km
Banda Sea (280)
m_b5.2/11,

LZH	48.4	330	eP	03 15 20.5	1.1				
			PMZ	m_b=4.7		2.0	0.025		
			pP	03 15 25.0	-0.4				
			sP	03 15 29.0	0.7				
CN2	48.9	354	eP	03 15 28.0	4.7				
GTA	53.0	329	eP	03 15 57.0	2.7				
WMQ	62.5	326	eP	03 16 59.7	-1.9				

JAN 19d 12h 01m 56.8±0.04s, SD1.65/34
59.11 S±1.54km, 25.78 W±0.98km, h34±0.29km
South Sandwich Islands region (153)
m_b5.1/8,

TIY	145.8	110	-PKP	12 21 33.8	0.7				
BJI	149.4	112	ePKP	12 21 43.0	4.1				

JAN 19d 13h 24m 09.0±0.07s, SD2.00/73
23.64 N±0.86km, 121.74 E±0.98km, h9±0.26km
Taiwan (244)
M_S4.6/29, M_L4.7/8, m_B5.1/2,

QZH	3.2	295	Pn	13 24 58.3	-0.9				
			Sn	13 25 35.3	-3.7				
			SMN	M_L=4.0		1.0	0.21		
			SME			1.0	0.88		
			LE	M_S=4.4		7.0	5.70		
			LZ	M_S=4.5		9.0	7.20		
SSE	7.4	356	eP	13 26 00.5	-0.2				
			pP	13 26 03.5	-1.8				
			eS	13 27 22.8	-3.2				
			SMN	M_L=4.6		1.2	0.19		
			SME			1.2	0.25		
			LN	M_S=4.4		7.0	1.60		
			LE			6.0	0.90		
			LZ	M_S=4.1		12.0	1.40		
GZH	7.7	268	P	13 26 02.8	-1.9				
			SMN	M_L=4.9		1.1	0.50		
			SME			1.0	0.20		
			LN	M_S=4.5		8.0	2.00		
			LE			9.0	2.00		
			LZ	M_S=4.2		12.0	1.80		
NJ2	8.8	344	+P	13 26 17.0	-2.0				
			PMZ	m_b=5.0		0.8	0.060		
			pP	13 26 24.0	0.3				
			SMN	M_L=4.9		1.0	0.30		
			SME			1.0	0.20		
			LN	M_S=4.6		8.5	2.40		
			LE			7.0	1.00		
			LZ	M_S=4.3		9.0	1.40		
WHN	9.5	318	eP	13 26 28.5	-1.0				
			LN	M_S=4.7		8.0	2.80		
			LZ	M_S=4.3		8.0	1.40		
QZN	12.0	250	eP	13 27 03.0	-0.5				
			LN	M_S=4.2		12.0	0.70		
			LE			11.0	0.60		
GYA	14.0	285	P	13 27 28.8	-0.9				
			SMN			2.0	0.60		
			SME			2.0	0.50		
			LN	M_S=4.7		10.0	1.00		
			LE			10.0	1.80		
XAN	15.3	316	P	13 27 45.0	-1.8				
			LN	M_S=4.7		7.0	0.84		
			LE			8.0	1.04		
TIY	16.1	333	eP	13 28 01.0	2.9				
			S	13 30 56.0	-0.6				
			LN	M_S=4.8		9.0	1.70		

			LZ		M_S=4.6		10.0	1.50
BJI	17.0	345	eP	13 28 13.0		3.9		
CD2	17.5	298	eP	13 28 14.8		−0.9		
			LE		M_S=5.0		9.0	2.90
			LZ		M_S=5.1		10.0	5.10
HHC	19.2	336	eP	13 28 38.0		2.1		
BTO	19.6	332	eP	13 28 43.0		2.6		
			LN		M_S=4.8		11.0	1.40
			LE				11.0	0.90
LZH	19.8	313	−P	13 28 44.5		1.1		
			PMZ		m_b=4.6		2.0	0.054
			PMZ		m_B=5.1		5.0	0.44
			sP	13 28 53.0		1.6		
			PP	13 29 04.0		2.7		
			eS	13 32 15.0		−6.5		
			LE		M_S=4.6		8.0	0.75
			LZ		M_S=4.5		10.0	1.07
CN2	20.3	8	eP	13 28 48.6		−0.1		
			epP	13 28 54.0		0.3		
			LN		M_S=4.4		10.0	0.50
			LE				10.0	0.20
			LZ		M_S=4.6		12.0	1.50
MDJ	21.9	15	eP	13 29 06.0		1.5		
GTA	24.3	315	eP	13 29 29.3		0.7		
			PMZ		m_b=4.4		1.6	0.020
			pP	13 29 37.4		3.7		
			LE		M_S=4.6		10.0	0.65
			LZ		M_S=4.4		14.0	0.80
LSA	27.9	289	P	13 30 06.0		3.4		
WMQ	34.4	314	eP	13 31 03.7		4.6		
			LZ		M_S=4.5		12.0	0.50

JAN 19d 13h 52m 19.1±0.05s, SD1.92/33
23.64 N±0.94km, 121.75 E±0.93km, h8±0.66km
Taiwan (244)
M_S4.0/8, M_L4.2/9, m_b4.2/5

QZH	3.2	295	Pn	13 53 09.0		−0.3		
			Sn	13 53 46.5		−2.6		
			SMN		M_L=3.9		0.7	0.62
			SME				0.8	0.33
			LE		M_S=3.9		6.0	1.60
			LZ		M_S=4.0		10.0	2.29
SSE	7.4	356	eP	13 54 11.0		0.3		
			pP	13 54 14.0		−1.2		
			eS	13 55 35.0		−1.0		
			SMN		M_L=4.0		1.0	0.037
			SME				1.0	0.079
			LN		M_S=3.8		8.0	0.50
			LZ		M_S=3.9		8.0	0.60
GZH	7.7	268	P	13 54 13.6		−1.3		
			SMN		M_L=4.3		1.0	0.10
			LN		M_S=4.0		9.0	0.70
			LE				9.0	0.60
NJ2	8.8	344	+P	13 54 29.5		0.4		
			pP	13 54 36.0		2.3		
			S	13 56 05.6		−3.2		
			SMN		M_L=4.5		1.0	0.10
			SME				1.2	0.10
			LN		M_S=4.1		8.0	0.80
			LZ		M_S=3.8		9.0	0.50
GYA	14.0	285	P	13 55 39.0		−0.8		
			SMN				2.0	0.20
			SME				2.0	0.20
			LN		M_S=4.2		10.0	0.30
			LE				10.0	0.60
TIY	16.1	332	eP	13 56 12.8		4.6		
			LN		M_S=4.3		9.0	0.60
			LZ		M_S=4.3		10.0	0.80
CD2	17.5	298	eP	13 56 28.0		2.1		
GTA	24.3	315	eP	13 57 42.0		3.2		
			PMZ		m_b=4.2		1.2	0.010

JAN 19d 14h 47m 17.5±0.04s, SD1.59/39
56.20 S±1.48km, 25.81 W±1.14km, h31±0.14km
South Sandwich Islands region (153)
m_b5.2/4,

SSE	145.9	124	ePKP	15 06 54.5		0.2		
BTO	147.4	100	ePKP	15 07 00.6		3.6		
BJI	150.4	107	ePKP	15 07 06.0		4.4		

JAN 19d 14h 54m 12.7±0.05s, SD3.13/7
40.44 N±0.68km, 105.86 E±0.33km, h20±0.21km
Northern China (323)
M_L3.5/6,

BTO	3.2	86	ePg	14 55 06.1		−3.0		
			Sg	14 55 47.9		−4.5		
			SMN		M_L=3.0		0.5	0.080
			SME				0.5	0.030
HHC	4.4	83	Pg	14 55 32.8		2.8		
			Sg	14 56 24.1		−5.4		
			SMN		M_L=3.4		0.6	0.050
			SME				0.6	0.070
GTA	4.8	260	Pn	14 55 24.6		0.6		
			Pg	14 55 38.0		1.3		
			Sg	14 56 39.4		−2.4		
TIY	5.8	116	ePg	14 55 55.6		0.3		
			Sg	14 57 07.6		−6.7		
			SMN		M_L=3.6		0.6	0.050
			SME				0.5	0.040

JAN 19d 15h 59m 44.1±0.05s, SD1.47/14
23.65 N±0.44km, 121.36 E±0.42km, h4±0.10km
Taiwan (244)
M_S3.8/2, M_L4.1/7, m_b4.1/3

QZH	2.8	298	ePn	16 00 31.3		0.9		
			Sn	16 01 04.5		−2.5		
			LE				6.0	0.95
SSE	7.4	359	P	16 01 36.0		0.1		
			SMN		M_L=4.1		1.3	0.060
			SME				1.2	0.080
			LE		M_S=3.6		10.0	0.46
			LZ		M_S=3.3		20.0	0.46

JAN 19d 22h 56m 26.0±0.04s, SD1.08/322
5.58 S±0.64km, 148.37 E±0.70km, h164±0.30km
Eastern New Guinea region (207)
m_B5.6/4, m_b5.7/79,

QZH	42.0	318	−P	23 04 03.7		1.1		
			PMZ		m_b=6.1		0.8	0.37
			pP	23 04 38.5		0.4		
			iS	23 10 09.0		0.4		
GZH	44.5	311	−P	23 04 25.0		1.6		
			eS	23 10 44.0		−2.1		
SSE	44.8	326	−iP	23 04 26.0		0.7		
			PMZ		m_b=5.8		1.0	0.22
			PMZ		m_B=5.6		5.0	0.80
			PcP	23 06 04.0		−0.5		
			S	23 10 48.0		−0.6		
			LN				13.0	0.60
			LE				14.0	0.70
			LZ				20.0	0.90
QZN	45.1	304	eP	23 04 28.0		−0.3		
			pP	23 05 04.0		−0.1		
			eS	23 10 55.0		0.1		
			sS	23 12 00.0		2.2		
NJ2	46.8	325	−iP	23 04 42.0		0.7		

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			PMZ		$m_b = 5.7$		1.1	0.20
			ipP	23	05 19.0	1.6		
			ScP	23	09 49.0	1.0		
			iS	23	11 22.0	3.5		
WHN	48.5	320	+P	23	04 56.5	2.1		
			PMZ		$m_b = 5.4$		1.2	0.10
			pP	23	05 33.5	2.8		
			S	23	11 47.0	6.0		
			sS	23	12 50.0	4.5		
DL2	50.7	333	–iP	23	05 12.0	0.6		
			PMZ		$m_b = 6.1$		2.0	0.80
			eS	23	12 12.0	–1.0		
			LZ				20.0	0.60
TIA	50.8	327	–P	23	05 11.7	–0.7		
			PMZ		$m_b = 6.0$		1.3	0.40
			pP	23	05 50.2	1.1		
			S	23	12 09.0	–4.7		
GYA	51.4	310	P	23	05 17.4	0.4		
			S	23	12 26.0	4.1		
SNY	52.3	337	–iP	23	05 23.4	–0.1		
			PMZ		$m_b = 5.7$		1.2	0.20
			PMZ				3.0	1.20
			S	23	12 37.0	3.1		
			SMN				6.0	0.90
			SME				8.0	1.00
MDJ	52.7	343	–iP	23	05 27.0	0.4		
			PMZ		$m_b = 6.0$		1.2	0.40
			pP	23	06 06.0	2.6		
			sP	23	06 24.0	2.3		
			S	23	12 38.0	–1.5		
			sS	23	13 44.0	–1.1		
			SS	23	16 20.0	0.7		
CN2	53.3	339	–iP	23	05 30.4	–0.5		
			PMZ		$m_b = 5.5$		1.0	0.10
			PMZ		$m_B = 5.6$		5.0	0.60
			epP	23	06 06.0	–1.8		
			PcP	23	06 33.0	–2.6		
			ScP	23	10 15.0	–0.8		
			S	23	12 48.0	0.5		
BJI	54.2	330	eP	23	05 37.0	–0.3		
			PMZ		$m_b = 5.7$		1.5	0.21
			eS	23	12 58.0	–2.4		
			LZ				22.0	0.92
XAN	54.2	319	P	23	05 37.0	–0.6		
			S	23	13 00.0	0.4		
TIY	54.5	325	+P	23	05 39.8	0.0		
			PMZ		$m_b = 5.4$		1.2	0.10
			pP	23	06 17.0	0.4		
			S	23	13 06.0	2.5		
			LE				7.0	0.60
			LZ				24.0	0.80
CD2	56.0	313	P	23	05 49.3	–0.9		
			ipP	23	06 28.0	0.7		
			S	23	13 21.8	–0.9		
			SMN				6.5	1.10
			sS	23	14 31.5	2.7		
HHC	57.2	327	+P	23	05 58.2	–0.7		
			PMZ		$m_b = 5.6$		1.0	0.12
BTO	57.9	326	P	23	06 03.5	–0.1		
			pP	23	06 42.0	1.0		
			S	23	13 50.0	2.3		
LZH	58.8	318	–iP	23	06 09.7	–0.4		
			PMZ		$m_b = 5.7$		1.8	0.25
			PMZ		$m_B = 5.6$		4.0	0.45
			LN				12.0	0.51
			LZ				30.0	0.69
GTA	63.3	319	–iP	23	06 40.0	–0.4		
			PMZ		$m_b = 5.1$		1.0	0.030
			PMZ		$m_B = 5.2$		9.0	0.33
			PcP	23	07 14.8	–0.1		
			pP	23	07 20.0	1.7		
			eS	23	15 01.0	2.8		
			ScS	23	16 14.0	1.5		
			LN				9.0	0.30
			LZ				18.0	0.60
LSA	65.1	306	–P	23	06 51.8	–0.5		
			pP	23	07 31.0	1.0		
			S	23	15 16.0	–2.7		
WMQ	73.4	319	–iP	23	07 42.0	–0.5		
			PMZ		$m_b = 5.5$		1.0	0.10
			pP	23	08 21.5	0.2		

JAN 19d 23h 11m 49.7 ± 0.05s, SD1.15 / 123
7.41 S ± 0.59km, 128.24 E ± 0.96km, h146 ± 0.46km
Banda Sea (280)
m_B5.3 / 1, m_b5.3 / 30,

QZH	33.5	344	–iP	23	18 17.0	–0.5		
			PMZ		$m_b = 5.2$		0.7	0.030
SSE	38.9	350	P	23	19 03.0	0.3		
			PMZ		$m_b = 5.0$		1.0	0.030
GYA	39.6	329	P	23	19 09.8	0.6		
			PcP	23	21 13.6	0.5		
WHN	40.0	341	+P	23	19 14.0	1.9		
			PMZ		$m_b = 5.5$		1.0	0.10
NJ2	40.2	348	+P	23	19 14.5	0.5		
			PMZ		$m_b = 5.5$		1.1	0.10
CD2	44.7	330	+iP	23	19 50.1	–0.4		
			PMZ		$m_b = 5.6$		0.8	0.10
XAN	45.1	337	+iP	23	19 52.5	–1.0		
TIY	47.3	343	+P	23	20 09.7	–0.7		
BJI	48.5	348	eP	23	20 19.5	–0.5		
			PMZ		$m_b = 5.4$		1.0	0.062
LZH	49.0	334	+iP	23	20 24.2	0.5		
			PMZ		$m_b = 5.5$		1.5	0.13
			PMZ		$m_B = 5.3$		4.0	0.23
			LE				7.0	0.77
			LZ				18.0	0.49
SNY	49.2	355	–iP	23	20 24.6	–0.6		
			PMZ		$m_b = 5.1$		1.2	0.040
HHC	50.4	344	P	23	20 34.4	–0.3		
			PMZ		$m_b = 5.2$		1.0	0.040
CN2	51.0	357	–P	23	20 38.0	–1.3		
LSA	51.3	318	eP	23	20 42.3	0.5		
MDJ	51.8	1	–P	23	20 45.0	0.0		
GTA	53.5	333	+iP	23	20 57.5	–0.4		
			PMZ		$m_b = 5.3$		1.0	0.050
WMQ	62.8	328	–iP	23	22 02.4	–0.1		
			PMZ		$m_b = 5.2$		1.0	0.040

JAN 20d 04h 57m 15.3 ± 0.08s, SD3.18 / 8
36.68 N ± 0.91km, 83.98 E ± 0.40km, h28 ± 0.17km
Southern Xinjiang Province (321)
M_L4.1 / 7,

KSH	7.0	296	ePg	04	59 16.5	–2.0		
			SME		$M_L = 4.9$		0.7	0.50
WMQ	7.7	21	ePn	04	59 08.8	3.0		
			SMN		$M_L = 4.0$		1.2	0.050
			SME				1.0	0.040

JAN 20d 11h 07m 29.1 ± 0.05s, SD1.18 / 175
43.64 N ± 1.29km, 147.26 E ± 0.62km, h58 ± 0.17km
Kurile Islands (221)
M_S4.0 / 2, m_b5.3 / 80,

MDJ	12.7	281	eP	11	10 29.5	–0.2		
CN2	15.8	278	eP	11	11 08.0	–1.2		
			LZ		$M_S = 4.1$		14.0	0.70

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SNY	17.5	272	eP	11	11	30.4	−0.3		
			LE			M_S=3.8		20.0	0.40
			LZ			M_S=3.7		25.0	0.50
BJI	23.4	272	eP	11	12	33.5	0.0		
			PMZ			m_b=4.7		1.2	0.038
			pP	11	12	48.0	1.3		
SSE	24.1	247	eP	11	12	44.0	3.4		
			pP	11	12	54.8	0.9		
			sP	11	13	02.0	1.9		
			LZ			M_S=3.9		20.0	0.40
NJ2	25.1	252	eP	11	12	53.0	2.6		
			pP	11	13	03.5	−0.2		
TIY	26.9	269	eP	11	13	07.8	0.4		
BTO	27.6	277	P	11	13	14.0	0.1		
XAN	31.1	265	P	11	13	44.3	−0.6		
LZH	33.9	272	+iP	11	14	08.0	−0.8		
			PMZ			m_b=5.3		1.0	0.045
			pP	11	14	22.0	−0.4		
			sP	11	14	33.5	5.0		
GTA	35.4	280	+P	11	14	22.0	0.1		
			PMZ			m_b=4.6		1.0	0.010
GYA	37.0	256	P	11	14	37.0	1.8		
WMQ	42.2	292	+iP	11	15	19.4	0.8		
			PMZ			m_b=5.4		1.0	0.060
LSA	46.3	272	P	11	15	52.9	1.2		

JAN 20d 11h 32m 52.0±0.04s, SD1.22/242
21.21 S±0.68km, 170.04 E±0.95km, h79±0.25km
Loyalty Islands region (189)
M_S5.3/8, m_B5.8/14, m_b5.7/67

QZH	67.8	310	+P	11	43	44.0	0.5		
			PMZ			m_B=5.9		5.0	0.88
			S	11	52	38.0	3.6		
			sS	11	53	16.0	6.1		
SSE	70.0	317	−P	11	43	57.0	−0.8		
			PMZ			m_b=5.6		1.5	0.12
			PMZ			m_B=5.7		9.0	1.00
			pP	11	44	18.0	0.1		
			esS	11	53	34.0	−1.7		
			ScS	11	53	54.0	5.6		
			LN			M_S=5.2		12.0	0.50
			LZ			M_S=5.1		20.0	1.10
GZH	70.6	305	P	11	44	02.4	0.8		
			PMZ			m_b=5.5		1.3	0.090
			S	11	53	11.5	4.4		
QZN	71.2	300	+P	11	44	04.5	−0.6		
			pP	11	44	28.0	2.8		
			S	11	53	19.0	5.3		
			SMN					8.0	1.10
			SME					9.0	1.30
NJ2	72.1	316	−P	11	44	10.8	0.2		
			PMZ			m_b=5.8		1.4	0.20
			PMZ			m_B=5.6		9.0	0.90
			sP	11	44	36.4	−3.3		
			S	11	53	27.8	3.3		
			LZ			M_S=4.9		26.0	0.80
WHN	74.2	312	+P	11	44	23.5	0.7		
			PMZ			m_b=5.4		1.4	0.080
			PMZ					3.0	0.70
			S	11	53	48.0	0.2		
DL2	75.0	323	P	11	44	27.4	−0.1		
			PMZ			m_b=6.4		1.6	0.90
			PMZ			m_B=6.0		4.0	1.10
			pP	11	44	52.0	4.3		
			S	11	53	58.0	1.2		
			sS	11	54	34.0	0.8		
			SS	11	58	52.0	3.0		
			LZ			M_S=4.9		40.0	1.40
MDJ	75.2	331	−P	11	44	28.5	0.0		
			PMZ			m_b=5.9		1.5	0.30
			pP	11	44	54.0	5.3		
			PP	11	47	15.0	−4.5		
			S	11	54	00.0	1.3		
			SKS	11	54	30.0	5.4		
			SS	11	58	48.0	−3.6		
			LZ			M_S=5.2		30.0	2.00
TIA	75.9	318	eP	11	44	31.5	−1.0		
SNY	76.0	326	+P	11	44	32.1	−1.1		
			PMZ			m_B=5.9		6.0	1.10
			iS	11	54	08.0	−1.3		
			SMN					9.0	1.00
			SME					8.0	1.60
			sS	11	54	43.0	−1.3		
			LN			M_S=5.4		19.0	0.80
			LE					20.0	0.80
			LZ			M_S=5.1		26.0	1.40
CN2	76.5	328	+iP	11	44	35.3	−0.7		
			PMZ			m_b=5.2		1.0	0.040
			PMZ			m_B=5.9		5.0	1.00
			epP	11	44	52.0	−4.2		
			PP	11	47	29.0	−0.8		
			S	11	54	13.0	−0.1		
			sS	11	54	43.0	−6.6		
			eSS	11	59	10.0	−2.2		
			LZ			M_S=5.5		24.0	2.80
GYA	77.6	305	P	11	44	42.0	0.1		
			S	11	54	28.0	3.7		
			LN			M_S=6.0		7.0	0.90
			LE					7.0	1.20
BJI	78.9	321	eP	11	44	48.0	−1.3		
			PMZ			m_b=5.6		1.5	0.15
			eS	11	54	44.0	3.4		
			LZ			M_S=5.1		36.0	1.75
TIY	79.8	317	eP	11	44	54.0	0.0		
			PMZ			m_b=5.6		1.0	0.10
			LN			M_S=5.3		10.0	0.40
			LZ			M_S=5.5		11.0	1.20
KMI	80.0	302	+P	11	44	55.5	0.4		
			pP	11	45	20.0	4.9		
XAN	80.0	312	P	11	44	55.2	0.1		
			S	11	54	51.0	0.9		
CD2	82.0	307	P	11	45	06.0	0.2		
			pP	11	45	25.2	−0.9		
			sP	11	45	34.0	−0.9		
			lS	11	55	14.6	1.7		
HHC	82.2	319	eP	11	45	05.0	−1.8		
			PMZ			m_b=5.6		1.2	0.10
			S	11	55	15.5	2.6		
			SMN					7.0	0.70
			SME					6.0	0.60
			LZ			M_S=5.4		24.0	2.00
BTO	83.0	318	P	11	45	11.2	0.3		
			ePP	11	48	20.0	−3.5		
			S	11	55	25.0	4.0		
LZH	84.6	312	+iP	11	45	20.0	1.0		
			PMZ			m_b=6.0		1.5	0.25
			PMZ			m_B=5.8		8.0	0.89
			pP	11	45	40.0	0.8		
			PP	11	48	38.0	1.8		
			SKS	11	55	34.0	3.0		
GTA	89.0	313	+P	11	45	40.2	−0.2		
			PMZ			m_b=5.6		1.4	0.070
			PMZ			m_B=5.8		8.0	0.64
			sP	11	46	06.4	−3.2		
			SKS	11	56	01.0	1.4		
			eS	11	56	15.0	−5.9		

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		LZ		$M_S=5.4$		26.0	1.70
LSA	91.2	301	P	11 45 51.7	0.8		
			SME			7.0	0.40
WMQ	99.1	313	–P	11 46 26.4	–0.2		
			SKS	11 56 56.0	0.7		
			LZ	$M_S=5.2$		28.0	1.00

JAN 20d 18h 54m 32.9 ± 0.04s, SD1.58 / 139
23.90 N ± 0.73km, 121.66 E ± 0.73km, h19 ± 0.26km
Taiwan (244)
M_S5.0 / 40, M_L5.1 / 9, m_B5.2 / 3,

QZH	3.0	291	–iPn	18 55 19.0	–0.7		
			Sn	18 55 53.5	–3.4		
			SMN	$M_L=4.9$		0.8	5.00
			SME			1.0	5.60
			LE			9.0	1.16
			LZ			10.0	2.16
SSE	7.2	357	P	18 56 17.5	–2.2		
			PMZ	$m_b=4.6$		0.7	0.026
			S	18 57 37.0	–4.3		
			SMN	$M_L=5.1$		1.2	0.84
			SME			1.0	0.63
			LN	$M_S=4.7$		10.0	3.60
			LE			8.0	2.80
			LZ	$M_S=4.7$		12.0	6.80
GZH	7.7	266	P	18 56 25.6	–1.1		
			SMN	$M_L=5.1$		0.8	0.80
			SME			0.8	0.40
			LN	$M_S=4.8$		10.0	3.20
			LE			12.0	5.60
			LZ	$M_S=4.6$		14.0	6.00
NJ2	8.5	344	–P	18 56 36.2	–1.8		
			PMZ	$m_b=5.6$		0.8	0.20
			pP	18 56 43.5	–0.3		
			S	18 58 07.0	–7.0		
			SMN	$M_L=5.5$		1.0	1.20
			SME			1.0	1.00
			LN	$M_S=5.1$		10.0	6.60
			LE			5.0	4.70
			LZ	$M_S=4.5$		12.0	3.70
WHN	9.3	317	eP	18 56 45.5	–3.4		
			SMN			1.2	1.70
			SME			1.5	1.60
			LN	$M_S=4.9$		10.0	5.10
			LE			11.0	3.80
			LZ	$M_S=4.4$		12.0	2.70
QZN	12.0	248	–P	18 57 27.2	0.6		
			eS	18 59 39.7	–1.5		
			LN	$M_S=4.4$		14.0	1.40
			LE			15.0	1.10
TIA	12.9	343	eP	18 57 37.3	–0.7		
			LN	$M_S=4.8$		10.0	3.10
			LZ	$M_S=4.8$		12.0	4.20
XAN	15.0	315	P	18 58 06.0	–0.4		
			LN	$M_S=4.9$		10.0	2.20
			LE			11.0	2.40
TIY	15.9	332	eP	18 58 17.8	0.5		
			LN	$M_S=5.1$		11.0	4.80
			LZ	$M_S=4.9$		14.0	4.50
BJI	16.7	345	eP	18 58 31.0	2.7		
			PMZ	$m_b=4.9$		2.0	0.12
			LN	$M_S=4.7$		11.0	1.72
			LZ	$M_S=5.2$		14.0	8.30
KMI	17.3	278	eP	18 58 37.5	2.4		
			PMZ	$m_b=4.6$		1.8	0.050
			LN	$M_S=4.9$		10.0	0.80
			LE			10.0	2.30
			LZ	$M_S=5.0$		14.0	5.10
CD2	17.4	298	eP	18 58 36.0		0.6	
SNY	17.9	5	+P	18 58 44.0		0.6	
			PMZ	$m_B=5.4$		4.0	0.80
			pP	18 58 53.0		3.8	
			LE	$M_S=4.8$		14.0	2.60
			LZ	$M_S=4.8$		12.0	2.90
HHC	18.9	336	eP	18 58 56.8		1.5	
			sP	18 59 07.5		2.7	
			LN	$M_S=4.4$		10.0	0.70
			LZ	$M_S=4.7$		14.0	2.40
BTO	19.3	332	P	18 59 02.0		2.0	
			ePP	18 59 22.0		5.4	
			LN	$M_S=5.3$		11.0	5.00
			LE			11.0	2.40
LZH	19.6	312	+iP	18 59 04.3		1.0	
			PMZ	$m_b=5.0$		2.0	0.16
			PMZ	$m_B=5.1$		5.0	0.51
			pP	18 59 09.7		0.4	
			sP	18 59 15.0		2.0	
CN2	20.1	8	eP	18 59 08.5		–0.1	
			pP	18 59 13.0		–1.9	
			LN	$M_S=4.6$		13.0	1.20
			LE			13.0	0.50
			LZ	$M_S=5.0$		15.0	4.60
MDJ	21.7	15	eP	18 59 24.0		–0.6	
GTA	24.1	315	eP	18 59 49.4		0.6	
			PMZ	$m_b=5.1$		1.5	0.10
			PMZ	$m_B=5.2$		5.0	0.49
			pP	18 59 55.2		–0.1	
			sP	18 59 58.2		–0.4	
			eS	19 04 06.0		3.2	
			sS	19 04 14.0		0.5	
			LE	$M_S=5.0$		12.0	2.20
			LZ	$M_S=5.0$		13.0	3.30
LSA	27.8	289	+P	19 00 24.5		0.8	
WMQ	34.2	314	P	19 01 20.9		1.4	
			LN	$M_S=5.2$		11.0	0.90
			LE			10.0	1.30
			LZ	$M_S=4.9$		12.0	1.40

JAN 20d 21h 27m 08.8 ± 0.07s, SD2.89 / 8
45.47 N ± 0.26km, 82.85 E ± 0.36km, h28 ± 0.61km
Northern Xinjiang Province (332)
M_L3.9 / 6,

WMQ	3.8	114	+Pn	21 28 09.0		2.5	
			Sn	21 28 54.6		2.3	
			Sg	21 29 06.0		–3.2	
			SMN	$M_L=3.7$		0.6	0.15
			SME			0.4	0.21

JAN 20d 21h 37m 05.0 ± 0.07s, SD2.07 / 21
42.68 N ± 0.51km, 82.85 E ± 0.66km, h22 ± 0.19km
Northern Xinjiang Province (332)
M_L3.9 / 6, m_b4.6 / 5,

WMQ	3.7	71	ePn	21 38 05.8		4.0	
			SMN	$M_L=3.9$		1.0	0.30
			SME			0.8	0.30
GTA	13.2	99	eP	21 40 13.0		–1.4	
			SMN			1.4	0.040
			SME			1.2	0.030
LSA	14.6	150	eP	21 40 30.0		–2.6	
TIY	23.1	92	eP	21 42 09.3		–1.1	
GYA	25.3	122	P	21 42 32.6		0.6	

JAN 21d 00h 16m 12.8 ± 0.05s, SD1.21 / 53
25.25 N ± 0.32km, 122.40 E ± 0.58km, h217 ± 0.50km
Taiwan (244)
m_b4.7 / 18,

NJ2	7.5	336	−P	00 18 01.0	1.2			
WHN	8.9	308	+P	00 18 18.2	0.2			
			PMZ	m_b=5.0		1.0	0.10	
QZN	13.2	244	P	00 19 17.6	4.6			
GYA	14.2	278	P	00 19 26.4	0.3			
XAN	14.6	310	P	00 19 30.1	−0.8			
TIY	15.0	328	eP	00 19 37.7	1.5			
CD2	17.4	293	+P	00 20 02.2	−1.3			
			PMZ	m_b=5.4		0.7	0.10	
HHC	18.0	332	eP	00 20 11.6	1.6			
CN2	18.7	7	eP	00 20 16.8	−0.1			
LZH	19.2	309	+iP	00 20 23.5	0.6			
			PMZ	m_b=4.7		1.2	0.031	
MDJ	20.2	15	eP	00 20 33.0	0.6			
GTA	23.6	312	P	00 21 07.0	0.8			
			PMZ	m_b=4.3		1.2	0.010	

JAN 21d 01h 50m 49.7±0.17s, SD2.22/55
23.54 N±1.10km, 121.48 E±1.28km, h6±0.31km
Taiwan (244)
M_S4.5/19, M_L4.5/12, m_b4.5/9

QZH	3.0	299	−Pn	01 51 36.9	−0.9			
			SMN	M_L=4.9		1.0	1.20	
			SME			1.0	8.30	
			LN			9.0	2.90	
			LE			6.0	2.70	
GZH	7.5	268	eP	01 52 40.5	−1.7			
			SMN	M_L=4.7		1.0	0.30	
			SME			1.0	0.20	
			LN	M_S=4.1		9.0	1.00	
			LE			10.0	0.80	
SSE	7.5	358	P	01 52 41.7	−1.1			
			eS	01 54 06.0	−3.3			
			SMN	M_L=4.4		1.2	0.12	
			SME			1.0	0.17	
			LN	M_S=4.1		11.0	0.97	
			LE			9.0	0.98	
			LZ	M_S=3.9		12.0	1.08	
NJ2	8.8	345	−P	01 52 59.5	−0.9			
			SMN	M_L=4.8		1.0	0.20	
			SME			1.0	0.20	
			LE	M_S=4.3		7.0	1.20	
WHN	9.4	319	eP	01 53 06.2	−3.1			
			SMN			1.5	0.40	
			LN	M_S=4.4		10.0	1.20	
			LE			9.0	1.30	
TIA	13.2	344	eP	01 54 04.3	4.0			
			LN	M_S=4.3		11.0	0.90	
GYA	13.7	285	P	01 54 07.8	−0.1			
			SMN			2.0	0.40	
			SME			2.0	0.20	
			LN	M_S=4.7		8.0	0.40	
			LE			8.0	1.40	
			LZ	M_S=4.3		12.0	1.10	
XAN	15.2	316	eP	01 54 30.0	3.5			
			LN	M_S=4.5		8.0	0.80	
			LE			7.0	0.50	
TIY	16.1	333	eP	01 54 41.8	3.0			
			LN	M_S=4.5		12.0	0.90	
			LE			12.0	0.90	
			LZ	M_S=4.3		8.0	0.70	
BJI	17.0	346	eP	01 54 54.0	3.5			
			PMZ	m_b=4.4		1.2	0.024	
KMI	17.1	279	eP	01 54 53.0	1.0			
			LZ	M_S=4.4		10.0	1.00	
CD2	17.4	299	eP	01 54 55.2	0.5			
			LN	M_S=4.8		6.0	1.10	
			LZ	M_S=4.8		6.0	1.30	
HHC	19.2	337	P	01 55 18.8	2.0			
BTO	19.6	333	eP	01 55 21.0	−0.2			
			LN	M_S=4.6		12.0	0.50	
			LE			12.0	1.00	
LZH	19.7	313	−P	01 55 24.5	1.3			
			PMZ	m_b=4.7		1.6	0.053	
			pP	01 55 32.5	5.1			
GTA	24.2	316	eP	01 56 09.4	0.7			
			PMZ	m_b=4.5		1.6	0.030	
			pP	01 56 16.2	3.0			
WMQ	34.3	314	P	01 57 40.6	1.3			

JAN 21d 05h 12m 04.9±0.08s, SD3.79/7
35.72 N±0.47km, 80.95 E±1.00km, h10±1.29km
Kashmir–Tibet border region (304)
M_L4.3/5,

KSH	5.5	315	Pn	05 13 30.6	3.1			
			Sn	05 14 30.0	−2.8			
			SMN	M_L=4.6		0.5	0.44	
			SME			0.6	0.80	
WMQ	9.6	31	eP	05 14 31.0	4.3			
			eS	05 16 21.0	5.1			

JAN 21d 07h 36m 56.8±0.05s, SD1.26/69
8.46 N±0.70km, 127.65 E±0.94km, h33±0.21km
Philippine Islands region (248)
M_S4.4/1, m_b5.0/22,

QZN	20.2	303	−P	07 41 29.0	−2.9			
			LE	M_S=4.4		14.0	0.80	
SSE	23.3	346	P	07 42 06.0	3.0			
			PMZ	m_b=4.8		1.4	0.056	
			LZ	M_S=4.3		20.0	0.92	
NJ2	24.9	342	eP	07 42 19.0	1.0			
			LZ	M_S=3.8		20.0	0.30	
CD2	31.6	318	eP	07 43 17.0	−1.8			
TIY	32.2	337	P	07 43 25.0	0.4			
BJI	33.1	344	eP	07 43 32.0	0.0			
			PMZ	m_b=5.1		1.8	0.060	
SNY	33.4	354	eP	07 43 35.0	0.0			
			PMZ	m_b=5.0		1.2	0.030	
HHC	35.3	339	eP	07 43 51.6	0.5			
BTO	35.6	337	eP	07 43 54.0	−0.2			
MDJ	36.1	2	+iP	07 43 58.0	0.4			
GTA	39.6	325	−iP	07 44 28.0	0.4			
			PMZ	m_b=4.9		1.6	0.030	
			pP	07 44 33.6	−3.2			
WMQ	49.5	322	P	07 45 47.7	1.2			

JAN 21d 10h 51m 58.0±0.25s, SD1.44/7
23.45 N±2.05km, 121.98 E±1.56km, h21±0.40km
Taiwan region (243)
M_L3.7/7, m_b4.8/1,

QZH	3.4	296	ePn	10 52 51.8	1.0			
			Sn	10 53 26.3	−6.5			
			SMN	M_L=3.5		1.1	0.20	
			SME			1.0	0.10	
SSE	7.6	355	eP	10 53 51.0	−0.2			
			SME	M_L=3.8		1.0	0.030	

JAN 21d 16h 53m 22.5±0.04s, SD1.38/122
1.09 N±0.69km, 127.37 E±1.01km, h158±0.35km
Molucca Passage (266)
m_b5.3/26,

QZN	24.8	317	P	16 58 30.0	−1.2			
			PMZ	m_b=5.0		0.7	0.030	
WHN	31.8	338	eP	16 59 35.5	1.0			
GYA	32.1	323	P	16 59 37.4	−0.3			
			PcP	17 02 23.0	0.7			

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KMI	33.7	317	+P	16 59 52.0	0.7			
			PMZ	m_b=4.9		1.5	0.040	
TIA	36.2	346	eP	17 00 12.3	0.1			
XAN	37.1	334	–iP	17 00 19.0	–0.3			
CD2	37.2	325	P	17 00 19.6	–0.5			
TIY	39.0	341	eP	17 00 34.0	–1.2			
BJI	40.1	347	eP	17 00 44.0	–0.4			
			PMZ	m_b=4.9		0.8	0.022	
LZH	41.1	331	–iP	17 00 53.8	0.9			
			PMZ	m_b=4.9		1.5	0.042	
HHC	42.1	342	eP	17 01 03.6	2.6			
MDJ	43.4	2	eP	17 01 10.5	–0.8			
LSA	44.7	313	–iP	17 01 23.1	1.0			
GTA	45.7	330	–P	17 01 29.6	–0.2			
			PMZ	m_b=4.5		0.9	0.010	
			PcP	17 03 05.0	0.1			
WMQ	55.2	326	P	17 02 41.6	–0.4			

JAN 21d 18h 02m 38.7 ± 0.07s, SD1.86 / 110
23.63 N ± 0.87km, 121.40 E ± 1.02km, h10 ± 0.19km
Taiwan (244)
M_S4.9 / 40, M_L5.1 / 9, m_B5.2 / 3,

QZH	2.9	298	+Pn	18 03 24.4	–0.6			
			Sn	18 03 57.0	–4.6			
GZH	7.4	267	eP	18 04 28.0	–1.9			
			SMN	M_L=5.2		1.0	1.30	
			SME			1.0	0.60	
			LN	M_S=4.6		9.0	3.10	
			LE			13.0	4.13	
			LZ	M_S=4.4		14.0	4.00	
SSE	7.4	359	eP	18 04 28.0	–2.2			
			SMN	M_L=5.0		1.1	0.40	
			SME			1.0	0.75	
			LN	M_S=4.6		8.0	2.16	
			LE			10.0	3.45	
			LZ	M_S=4.5		12.0	3.61	
NJ2	8.7	346	–P	18 04 45.5	–2.1			
			sP	18 04 55.0	–0.2			
			SMN	M_L=5.5		1.2	1.20	
			SME			1.0	0.70	
			LN	M_S=4.7		8.0	1.40	
			LE			8.0	2.60	
			LZ	M_S=3.9		12.0	0.90	
WHN	9.3	319	eP	18 04 53.5	–2.8			
			PMZ	m_b=5.5		0.5	0.10	
			S	18 06 37.0	–5.1			
			SMN			1.2	0.70	
			LN	M_S=4.9		10.0	4.60	
			LE			11.0	4.50	
			LZ	M_S=4.3		12.0	2.00	
QZN	11.7	249	P	18 05 32.8	3.8			
			S	18 07 36.6	–3.8			
			LN	M_S=4.6		17.0	2.60	
			LE			16.0	1.60	
TIA	13.1	345	eP	18 05 47.9	0.4			
			LE	M_S=4.8		10.0	2.50	
GYA	13.7	285	P	18 05 54.6	–0.6			
			SMN			2.0	1.50	
			SME			2.0	0.80	
			LN	M_S=5.1		9.0	1.30	
			LE			9.0	4.80	
			LZ	M_S=4.8		10.0	3.40	
XAN	15.1	316	eP	18 06 12.0	–1.6			
			LN	M_S=5.0		8.0	1.90	
			LE			10.0	2.40	
DL2	15.2	1	eP	18 06 19.0	3.2			
			LE	M_S=4.8		8.0	1.80	
			LZ	M_S=4.2		14.0	0.90	
TIY	16.0	333	+P	18 06 28.2	2.2			
			sP	18 06 37.0	3.1			
			LE	M_S=4.8		12.0	2.70	
			LZ	M_S=4.5		10.0	1.40	
BJI	16.9	346	eP	18 06 40.0	2.2			
			PMZ	m_b=4.7		1.2	0.047	
			LN	M_S=4.4		10.0	0.80	
			LZ	M_S=4.5		8.0	1.07	
CD2	17.3	299	eP	18 06 43.4	1.5			
			S	18 09 54.5	2.3			
			LN	M_S=5.3		7.0	3.10	
			LE			7.5	3.00	
			LZ	M_S=5.1		8.0	3.50	
SNY	18.2	5	+iP	18 06 56.0	2.1			
			PMZ	m_b=4.9		1.8	0.10	
			PMZ	m_B=5.3		6.0	0.80	
			LE	M_S=4.7		15.0	2.10	
			LZ	M_S=4.4		14.0	1.20	
HHC	19.1	337	P	18 07 06.5	2.4			
			LN	M_S=5.1		9.0	0.60	
			LE			10.0	3.10	
			LZ	M_S=4.4		10.0	0.90	
BTO	19.4	333	eP	18 07 07.0	–1.5			
			LN	M_S=5.0		12.0	1.50	
			LE			12.0	2.80	
LZH	19.6	313	+P	18 07 11.7	1.3			
			PMZ	m_b=4.9		1.8	0.095	
			PMZ	m_B=5.0		5.0	0.36	
			PP	18 07 31.5	3.8			
			eS	18 10 50.0	3.8			
			LN	M_S=4.9		9.0	1.98	
			LZ	M_S=4.9		10.0	2.78	
CN2	20.4	8	eP	18 07 20.4	1.6			
			epP	18 07 28.0	4.1			
			LN	M_S=4.4		14.0	0.80	
			LE			14.0	0.30	
			LZ	M_S=4.6		14.0	1.50	
MDJ	22.0	16	eP	18 07 36.1	1.1			
GTA	24.1	316	eP	18 07 56.0	–0.1			
			PMZ	m_b=4.9		1.6	0.070	
			PMZ	m_B=5.2		4.0	0.33	
			pP	18 08 02.2	1.0			
			sP	18 08 07.6	3.4			
			sS	18 12 24.0	4.5			
			LN	M_S=4.8		10.0	0.80	
			LE			11.0	1.10	
			LZ	M_S=5.0		7.0	1.80	
LSA	27.7	289	P	18 08 30.6	1.1			
			S	18 13 12.5	3.8			
WMQ	34.2	314	P	18 09 27.0	0.2			
			LZ	M_S=4.7		12.0	0.80	

JAN 21d 18h 19m 26.1 ± 0.17s, SD2.02 / 6
23.75 N ± 1.56km, 121.21 E ± 1.07km, h3 ± 0.37km
Taiwan (244)
M_L3.5 / 6,

QZH	2.7	297	ePn	18 20 11.4	1.2			
			Sn	18 20 45.5	0.5			
			SMN	M_L=3.3		0.7	0.16	
			SME			0.8	0.12	
SSE	7.3	360	eP	18 21 16.5	–0.1			
			SMN	M_L=3.6		1.0	0.012	
			SME			0.8	0.031	
			LZ	M_S=3.6		12.0	0.45	

JAN 21d 21h 01m 13.9 ± 0.10s, SD1.55 / 25
46.27 N ± 1.44km, 152.69 E ± 1.14km, h34 ± 0.26km
Kurile Islands region (222)

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m_b5.1 / 5,

MDJ	16.3	273	eP	21 05 04.5	2.6		
XAN	35.2	265	P	21 08 07.0	−0.2		
CD2	40.5	265	P	21 08 52.5	0.4		
LSA	50.0	273	P	21 10 08.6	0.6		

JAN 21d 21h 11m 07.6 ± 0.04s, SD1.04 / 45
6.97 S ± 0.48km, 154.68 E ± 0.65km, h45 ± 0.30km
Solomon Islands (193)
m_b5.0 / 14,

WHN	53.7	316	eP	21 20 27.0	−0.7		
GYA	57.2	308	P	21 20 54.0	0.9		
TIY	59.4	322	eP	21 21 07.1	−1.2		
XAN	59.5	316	P	21 21 08.0	−1.0		
KMI	59.7	304	−P	21 21 12.5	1.4		
			PMZ	m_b = 4.9		2.0	0.034
			LZ	M_S = 5.0		15.0	0.90
CD2	61.6	311	+P	21 21 22.8	−0.4		
			PMZ	m_b = 5.5		0.6	0.036
LZH	64.1	316	eP	21 21 40.0	0.0		
			PMZ	m_b = 5.1		1.5	0.034
GTA	68.5	317	−iP	21 22 08.8	0.7		
			PMZ	m_b = 4.8		0.8	0.010
LSA	71.0	305	P	21 22 24.8	1.1		

JAN 21d 22h 13m 47.8 ± 0.19s, SD2.86 / 28
23.57 N ± 1.14km, 121.50 E ± 1.34km, h13 ± 0.51km
Taiwan (244)
M_L4.2 / 10, m_b4.2 / 3,

QZH	3.0	298	ePn	22 14 33.3	−2.0		
			SMN	M_L = 4.9		0.8	6.20
			SME			0.8	3.30
SSE	7.5	358	eP	22 15 38.0	−1.7		
			pP	22 15 40.5	−4.3		
			S	22 17 00.0	−5.2		
			SMN	M_L = 3.8		0.8	0.021
			SME			1.0	0.042
GZH	7.5	268	eP	22 15 40.0	0.0		
			eS	22 17 01.5	−4.3		
			SMN	M_L = 4.3		1.0	0.10
			SME			1.0	0.10
NJ2	8.8	345	+P	22 15 57.5	0.1		
			S	22 17 36.0	−0.8		
			SMN	M_L = 4.5		1.0	0.10
			SME			1.0	0.10
WHN	9.4	319	eP	22 16 02.0	−4.5		
			SMN			1.0	0.10
QZN	11.8	250	eP	22 16 43.4	4.7		
			eS	22 18 47.6	−3.4		
GYA	13.8	285	P	22 17 04.2	−1.2		
			SMN			2.0	0.20
			SME			2.0	0.10
TIY	16.1	333	eP	22 17 40.8	5.0		
HHC	19.1	336	eP	22 18 17.8	4.0		
GTA	24.2	316	−P	22 19 08.4	2.6		
			PMZ	m_b = 4.4		1.6	0.020

JAN 22d 04h 34m 45.5 ± 0.03s, SD1.28 / 8
38.70 N ± 0.26km, 115.94 E ± 0.31km, h10 ± 0.15km
North-Eastern China (658)
M_L3.1 / 8,

BJI	1.3	8	Pg	04 35 08.0	−1.3		
			Sg	04 35 25.5	−2.3		
			SMN	M_L = 2.7		0.5	0.12
			SME			0.5	0.10
TIY	2.9	251	ePn	04 35 32.6	−0.1		
			Pg	04 35 38.9	1.6		
			Sg	04 36 17.4	0.0		
			SMN	M_L = 3.0		0.7	0.080
			SME			0.8	0.070

JAN 22d 18h 40m 55.2 ± 0.06s, SD1.93 / 14
23.54 N ± 0.40km, 121.42 E ± 0.65km, h7 ± 0.19km
Taiwan (244)
M_L3.7 / 7, m_b3.5 / 1,

QZH	2.9	299	ePn	18 41 42.7	0.2		
			Sn	18 42 16.5	−3.5		
			SMN	M_L = 3.8		0.8	0.11
			SME			1.2	0.62
SSE	7.5	358	eP	18 42 49.0	0.9		
			SME	M_L = 3.9		1.2	0.040

JAN 22d 21h 39m 32.1 ± 0.08s, SD1.38 / 46
23.84 S ± 0.65km, 179.60 E ± 0.14km, h504 ± 1.04km
South of Fiji (171)
m_b5.3 / 11,

TIY	87.9	313	+P	21 51 27.7	−1.6		
XAN	88.4	308	P	21 51 30.0	−1.8		

JAN 23d 01h 12m 28.7 ± 0.03s, SD1.08 / 502
52.02 N ± 0.97km, 178.78 E ± 0.57km, h108 ± 0.02km
Rat Islands (6)
m_B6.6 / 44, m_b5.9 / 142,

MDJ	33.0	277	−iP	01 18 54.5	−1.3		
			PMZ	m_b = 6.2		1.0	0.40
			pP	01 19 20.5	0.9		
			sP	01 19 32.0	−0.6		
			ScP	01 25 11.0	1.2		
			S	01 24 00.0	−4.6		
			ScS	01 29 10.5	1.7		
			LN			12.0	12.1
CN2	36.0	278	−iP	01 19 20.0	−1.1		
			PMZ	m_b = 5.6		1.0	0.10
			PMZ	m_B = 6.4		5.0	3.60
			pP	01 19 42.0	−3.3		
			sP	01 19 55.0	−3.2		
			PP	01 20 47.0	2.9		
			eS	01 24 54.0	2.8		
			ScP	01 25 19.0	−1.3		
			ScS	01 29 24.0	−0.6		
			LZ			18.0	45.0
SNY	38.2	277	−iP	01 19 40.0	0.2		
			PMZ	m_b = 6.8		1.8	2.90
			PMZ	m_B = 6.7		5.0	7.40
			pP	01 20 03.0	−1.1		
			sP	01 20 16.0	−1.0		
			S	01 25 20.0	−4.3		
			SMN			10.0	5.20
			SME			6.0	1.90
			LN			18.0	13.6
			LE			15.0	8.90
			LZ			40.0	31.1
DL2	41.1	275	−iP	01 20 04.0	0.0		
			PMZ	m_b = 6.8		1.4	2.14
			PMZ	m_B = 6.4		6.0	3.90
			pP	01 20 28.0	−0.4		
			sP	01 20 43.0	1.7		
			PP	01 21 42.0	−0.8		
			PPMZ			6.0	7.90
			S	01 26 07.5	−0.6		
			sS	01 26 50.0	−1.6		
			ScS	01 29 53.0	−1.3		
			LN			12.0	6.10
			LZ			40.0	26.8
BJI	43.8	280	−P	01 20 24.5	−1.1		
			PMZ	m_b = 6.2		1.2	0.46

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			PMZ		$m_B = 6.7$		5.0	6.48
			epP	01	20 51.0	0.7		
			esP	01	21 04.0	1.0		
			ePcP	01	22 11.0	0.5		
			eScP	01	25 51.0	0.4		
			S	01	26 50.0	3.2		
			esS	01	27 34.0	3.2		
			eScS	01	30 11.0	0.5		
			LZ				32.0	35.4
TIA	45.6	275	P	01	20 40.3	0.1		
			PMZ		$m_B = 6.5$		6.0	4.50
			LN				13.0	7.10
			LE				13.0	3.20
			LZ				45.0	33.3
HHC	46.1	284	−P	01	20 45.0	0.9		
			PMZ		$m_b = 6.4$		1.2	0.70
			PMZ		$m_B = 6.6$		6.0	5.70
			pP	01	21 11.5	2.8		
			PP	01	22 34.0	0.5		
			PPMZ				8.0	3.80
			ScP	01	25 59.0	−1.0		
			iS	01	27 24.0	3.0		
			SMN				7.0	4.20
			SME				8.0	2.00
			sS	01	28 08.0	3.9		
			ScS	01	30 29.0	3.9		
			LN				14.0	3.30
			LE				13.0	7.30
			LZ				18.0	12.7
SSE	46.5	267	−iP	01	20 48.0	0.6		
			PMZ		$m_b = 6.4$		1.1	0.63
			PMZ		$m_B = 6.7$		5.0	5.78
			pP	01	21 11.0	−1.3		
			sP	01	21 26.0	1.1		
			PP	01	22 36.0	−2.1		
			ScS	01	30 30.0	2.0		
			LN				12.0	3.20
			LE				11.0	1.70
			LZ				20.0	8.30
BTO	47.1	285	−iP	01	20 54.0	1.4		
			PMZ		$m_B = 6.9$		5.0	9.10
			iS	01	27 39.0	2.6		
			sS	01	28 18.0	−1.6		
			LN				14.0	10.7
			LE				13.0	9.60
NJ2	47.3	269	−P	01	20 53.8	0.2		
			PMZ		$m_b = 6.4$		1.2	0.60
			PMZ		$m_B = 6.6$		5.0	3.90
			pP	01	21 20.0	1.5		
			sP	01	21 32.0	0.9		
			ScS	01	30 35.0	1.9		
			LN				14.0	6.50
			LE				14.0	4.90
			LZ				24.0	5.00
TIY	47.5	280	−iP	01	20 55.2	−0.1		
			PMZ		$m_b = 6.4$		1.2	0.70
			PMZ		$m_B = 6.6$		6.0	5.70
			pP	01	21 19.0	−1.1		
			sP	01	21 35.0	2.3		
			PP	01	22 51.5	4.3		
			S	01	27 45.5	5.5		
			sS	01	28 27.0	2.4		
			ScS	01	30 36.0	1.6		
			LN				17.5	19.7
			LZ				42.0	22.9
WHN	51.1	271	−P	01	21 22.5	−0.5		
			PMZ		$m_b = 6.5$		1.2	0.80
			PMZ		$m_B = 6.8$		4.0	5.00
			pP	01	21 48.0	−0.2		
			sP	01	22 01.0	0.3		
			S	01	28 32.0	1.7		
			sS	01	29 18.0	2.6		
			SS	01	32 00.0	−4.5		
			LE				13.0	5.10
			LZ				16.0	3.60
XAN	52.1	279	−P	01	21 28.3	−1.9		
			PMZ		$m_b = 6.4$		1.5	0.80
			PMZ		$m_B = 6.4$		6.0	3.10
			pP	01	21 55.0	−0.4		
			sP	01	22 09.0	1.2		
			ScP	01	26 24.0	−1.4		
			S	01	28 38.0	−5.2		
			sS	01	29 25.0	−3.4		
			ScS	01	31 04.0	−1.2		
			LN				12.0	5.40
			LE				10.0	3.30
QZH	52.5	263	−iP	01	21 34.0	0.6		
			PMZ		$m_b = 5.8$		1.5	0.20
			PMZ		$m_B = 6.9$		4.0	6.10
			pP	01	21 58.0	−0.7		
			sP	01	22 11.0	−0.2		
			sS	01	29 38.0	3.5		
LZH	53.8	284	−P	01	21 42.0	−0.8		
			PMZ		$m_b = 6.7$		1.5	1.53
			PMZ		$m_B = 6.4$		6.0	3.13
			pP	01	22 08.0	0.0		
			sP	01	22 20.0	−0.5		
			PP	01	23 46.0	−0.2		
			ScP	01	26 35.5	2.8		
			S	01	29 00.0	−6.2		
			sS	01	29 47.0	−4.5		
			ScS	01	31 20.0	3.0		
			LN				12.0	6.55
			LE				11.0	4.72
			LZ				34.0	25.1
GTA	53.9	290	−iP	01	21 43.5	−0.5		
			PMZ		$m_b = 6.3$		1.0	0.41
			PMZ		$m_B = 6.5$		5.0	3.26
			pP	01	22 08.0	−1.2		
			sP	01	22 21.0	−0.7		
			PcP	01	22 44.5	−2.7		
			PP	01	23 50.0	2.3		
			ScP	01	26 33.2	−0.2		
			PcS	01	26 39.4	−5.3		
			S	01	29 12.0	3.5		
			sS	01	29 58.0	4.2		
			ScS	01	31 20.4	2.2		
			LE				14.0	12.1
			LZ				20.0	15.9
GZH	57.1	266	+P	01	22 07.0	0.3		
			PMZ		$m_B = 6.6$		5.0	3.70
			pP	01	22 32.0	−0.3		
			sP	01	22 45.0	0.2		
			S	01	29 46.0	−4.7		
			LN				13.0	2.00
			LE				13.0	4.80
			LZ				42.0	14.0
CD2	57.4	280	eP	01	22 07.4	−1.3		
			PMZ		$m_b = 6.5$		1.4	0.90
			PMZ		$m_B = 6.3$		12.0	4.80
			pP	01	22 32.0	−2.2		
			sP	01	22 46.0	−0.7		
			S	01	29 55.0	0.8		
			LE				14.0	8.30
			LZ				15.0	10.7
WMQ	57.7	301	P	01	22 10.5	−0.7		

			PMZ		$m_b = 6.3$		1.5	0.60
			PMZ		$m_B = 6.6$		6.0	4.60
			PP	01 24 22.5		1.2		
			iS	01 30 01.0		0.8		
			SMN				8.0	5.20
			sS	01 30 45.8		1.1		
			ScS	01 31 46.7		1.3		
			LN				16.0	58.5
			LZ				25.0	10.3
GYA	58.8	274	−iP	01 22 17.6		−0.8		
			PMZ		$m_b = 6.2$		1.4	0.40
			PMZ		$m_B = 6.6$		4.0	3.50
			sP	01 22 59.0		2.6		
			S	01 30 13.0		0.6		
			LN				16.0	3.20
			LE				16.0	4.80
			LZ				36.0	7.80
KMI	62.1	276	−P	01 22 40.0		−1.5		
			PMZ		$m_b = 6.3$		2.5	0.92
			PMZ		$m_B = 6.4$		6.0	2.90
			pP	01 23 08.5		1.3		
			S	01 30 58.0		2.7		
			LZ				46.0	28.8
QZN	62.3	266	P	01 22 41.5		−0.8		
			PMZ		$m_b = 6.3$		1.5	0.60
			PMZ		$m_B = 6.4$		5.0	2.80
			pP	01 23 08.0		−0.3		
			sP	01 23 21.0		0.4		
			S	01 31 02.0		4.6		
LSA	65.8	288	P	01 23 06.3		0.6		
			iS	01 31 41.0		−2.0		
			SMN				7.0	2.89
KSH	66.9	305	−iP	01 23 13.5		1.0		
			PMZ		$m_B = 6.7$		6.0	6.20
			pP	01 23 40.0		1.3		
			S	01 32 00.0		5.6		
			SME				8.0	17.1
			LE				14.0	27.4

JAN 23d 05h 49m 51.9 ± 0.07s, SD4.19 / 5
36.22 N ± 0.47km, 100.58 E ± 0.64km, h16 ± 0.32km
Qinghai Province (325)
M_L3.2 / 3,

GTA	3.2	349	Pn	05 50 43.0		0.2		
			Pg	05 50 47.0		−2.3		
			Sg	05 51 35.9		2.2		
			SMN		$M_L = 2.8$		0.8	0.030
			SME				0.8	0.030
WMQ	12.4	312	eP	05 52 51.5		−0.1		

JAN 23d 06h 07m 08.0 ± 0.04s, SD1.34 / 298
24.73 N ± 0.81km, 95.17 E ± 0.51km, h116 ± 0.21km
Burma–India border region (294)
m_B5.5 / 4, m_b5.3 / 105,

LSA	6.1	325	+iP	06 08 39.7		1.9		
			S	06 09 40.8		−5.4		
			LN				2.0	4.60
KMI	6.9	85	−P	06 08 51.5		3.2		
			PMZ		$m_b = 5.7$		1.5	0.37
			PMZ		$m_B = 5.6$		4.0	0.90
			S	06 10 09.0		3.8		
			LN				7.0	1.40
			LE				8.0	2.30
			LZ				8.0	2.90
CD2	9.8	49	−P	06 09 26.6		−0.4		
			PMZ		$m_b = 6.0$		0.6	0.20
GYA	10.5	78	−iP	06 09 37.0		0.1		
			PMZ		$m_b = 6.1$		1.2	0.40
			S	06 11 36.0		3.4		
			LN				8.0	1.20
			LE				8.0	0.60
LZH	13.6	31	P	06 10 15.3		−1.7		
			PMZ		$m_b = 5.9$		1.0	0.21
			LE				8.0	1.03
			LZ				16.0	1.21
QZN	14.8	110	eP	06 10 31.6		−0.5		
			PMZ		$m_b = 6.0$		1.0	0.30
			eS	06 13 17.5		4.5		
XAN	15.1	49	P	06 10 34.0		−3.1		
			PMZ		$m_b = 5.0$		0.8	0.050
			sP	06 11 11.0		1.5		
			LN				9.0	0.40
			LE				8.0	0.60
GTA	15.1	14	eP	06 10 35.6		−1.7		
			PMZ		$m_b = 5.3$		0.8	0.10
			PMZ		$m_B = 5.2$		4.0	0.42
			eS	06 13 23.0		0.5		
			sS	06 13 35.2		−3.8		
			SS	06 13 43.4		−0.9		
			LE				9.0	1.40
			LZ				18.0	0.90
GZH	16.7	92	+iP	06 10 58.0		1.5		
WHN	17.9	67	eP	06 11 11.5		−0.1		
			PMZ		$m_b = 5.7$		0.5	0.20
			ScP	06 19 04.5		−0.1		
			SMN				8.0	1.80
			SME				8.0	1.00
TIY	19.6	45	eP	06 11 28.0		−1.6		
			sP	06 12 05.0		−0.8		
			S	06 15 01.0		2.2		
			LE				8.0	0.30
WMQ	20.0	344	−iP	06 11 35.5		1.6		
			PMZ		$m_b = 5.2$		0.8	0.10
			PP	06 11 55.0		−3.6		
			S	06 15 08.5		1.9		
			LZ				8.0	1.00
BTO	20.1	35	P	06 11 34.0		−1.1		
			SS	06 15 45.0		−1.2		
			LN				11.0	0.70
			LE				11.0	0.70
HHC	21.1	36	eP	06 11 45.0		−0.2		
			PMZ		$m_b = 5.1$		1.0	0.10
			S	06 15 34.0		6.4		
			LN				7.0	0.30
			LE				7.0	0.40
			LZ				14.0	1.00
KSH	21.9	317	eP	06 11 56.0		2.8		
TIA	22.1	54	eP	06 11 54.6		0.1		
			S	06 15 47.0		2.4		
BJI	23.3	44	−P	06 12 07.5		0.9		
			esP	06 12 44.0		−1.0		
			eS	06 16 12.0		4.8		
SSE	23.8	69	−P	06 12 11.6		0.2		
			PMZ		$m_b = 5.9$		1.0	0.58
			S	06 16 16.0		0.9		
			SS	06 17 08.0		−6.7		
			LN				9.0	0.30
			LZ				18.0	0.40
DL2	26.4	51	P	06 12 35.8		−0.3		
			PMZ		$m_b = 5.6$		1.0	0.15
SNY	29.0	47	−P	06 12 58.2		−1.5		
CN2	31.2	45	P	06 13 17.4		−1.2		
			epP	06 13 40.0		−3.8		
			eS	06 18 12.0		−3.0		
MDJ	34.2	46	eP	06 13 43.5		−1.3		

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JAN 23d 16h 31m 23.9±0.04s, SD4.80/5
41.84 N±0.50km, 85.35 E±0.31km, h25±0.29km
Southern Xinjiang Province (321)
M_L3.5/4,

WMQ	2.6	40	Pn	16 32 07.6	2.2			
			Sg	16 32 41.8	−4.7			
			SMN	M_L=3.3		0.6	0.12	
			SME			0.6	0.19	

JAN 23d 16h 41m 30.8±0.23s, SD3.31/5
23.39 N±1.85km, 121.93 E±1.48km, h19±0.38km
Taiwan region (243)
M_L3.5/5,

QZH	3.4	298	ePn	16 42 25.0	1.4			
			Sn	16 42 59.8	−5.7			
			SMN	M_L=3.4		0.8	0.16	
			SME			0.8	0.090	

JAN 23d 22h 30m 10.4±0.11s, SD2.98/11
45.75 N±0.45km, 85.42 E±0.50km, h7±0.81km
Northern Xinjiang Province (332)
M_S4.0/1, M_L4.3/6,

WMQ	2.5	139	ePn	22 30 55.6	3.3			
			Sg	22 31 32.2	2.6			
			LN			8.0	4.13	
			LZ			7.0	3.78	
GTA	12.3	116	eP	22 33 07.4	−2.6			

JAN 23d 23h 20m 15.7±0.10s, SD3.59/6
23.02 N±0.79km, 103.91 E±0.38km, h2±0.37km
Yunnan Province (318)
M_L3.1/4,

KMI	2.4	334	ePg	23 20 58.0	0.3			
			Sg	23 21 27.5	−2.3			
			SMN	M_L=2.9		1.5	0.070	
			SME			1.5	0.090	
GYA	4.2	36	Pn	23 21 22.4	0.7			
			Pg	23 21 35.6	5.1			
			Sn	23 22 11.6	−2.2			
			Sg	23 22 29.6	1.1			
			SMN	M_L=3.2		0.8	0.040	
			SME			0.8	0.050	

JAN 24d 01h 17m 14.8±0.13s, SD2.32/27
23.59 N±0.75km, 121.46 E±0.93km, h4±0.40km
Taiwan (244)
M_L3.9/9, m_b4.3/3,

QZH	2.9	298	Pn	01 18 02.0	−0.6			
			Pg	01 18 10.5	3.8			
			Sn	01 18 35.0	−5.3			
			SMN	M_L=4.6		0.8	3.20	
			SME			0.8	1.80	
SSE	7.5	358	eP	01 19 04.5	−2.9			
			sP	01 19 14.0	0.0			
			eS	01 20 31.0	−2.5			
			SMN	M_L=3.5		1.0	0.012	
			SME			1.0	0.026	
GYA	13.7	285	P	01 20 33.0	0.1			
XAN	15.1	316	eP	01 20 56.0	4.8			
LZH	19.7	313	eP	01 21 49.5	1.5			
			PMZ	m_b=4.3		1.0	0.013	
			pP	01 21 54.0	2.1			
GTA	24.2	316	eP	01 22 36.6	2.9			
			PMZ	m_b=4.2		1.2	0.010	

JAN 24d 04h 01m 21.8±0.12s, SD2.45/33
23.55 N±0.86km, 121.46 E±1.15km, h7±0.18km
Taiwan (244)
M_L3.9/10, m_b3.9/6,

QZH	3.0	298	ePn	04 02 07.0	−2.4			
			SMN	M_L=3.6		0.8	0.28	
			SME			0.8	0.22	
SSE	7.5	358	eP	04 03 14.5	−0.1			
			eS	04 04 37.0	−3.8			
			SMN	M_L=3.9		1.2	0.027	
			SME			1.1	0.063	
NJ2	8.8	345	eP	04 03 33.0	0.9			
			S	04 05 10.0	−2.0			
			SMN	M_L=4.5		1.2	0.10	
			SME			1.1	0.10	
GYA	13.7	285	P	04 04 38.0	−1.5			
XAN	15.1	316	eP	04 05 02.3	4.1			
TIY	16.1	333	eP	04 05 15.3	4.8			
HHC	19.1	337	P	04 05 52.0	3.5			
LZH	19.7	313	eP	04 05 55.0	0.2			
			PMZ	m_b=4.2		1.6	0.018	
			sP	04 06 04.5	2.0			
GTA	24.2	316	−P	04 06 42.1	1.7			
			PMZ	m_b=4.1		1.4	0.010	

JAN 24d 12h 07m 57.6±0.03s, SD1.94/30
34.92 N±0.33km, 104.35 E±0.32km, h32±0.08km
Gansu Province (322)
M_L4.0/19, m_b4.0/3,

LZH	1.2	340	Pg	12 08 19.5	−0.8			
			Sg	12 08 35.0	−2.4			
			SME	M_L=4.1		0.8	2.94	
XAN	3.9	102	+iPn	12 08 57.0	1.6			
			Pg	12 09 09.3	3.2			
			Sg	12 10 01.0	1.8			
			SMN	M_L=4.2		0.8	0.60	
			SME			0.8	0.60	
CD2	4.0	187	Pn	12 09 00.0	2.4			
			Pg	12 09 11.5	2.6			
			Sn	12 09 48.0	2.8			
			Sg	12 10 05.2	1.1			
			SMN	M_L=3.7		1.0	0.10	
			SME			0.7	0.20	
GTA	5.8	322	Pn	12 09 23.8	2.2			
			Pg	12 09 43.2	3.7			
			Sn	12 10 28.8	0.6			
			Sg	12 10 53.6	−4.8			
			SMN	M_L=3.5		0.8	0.040	
			SME			0.8	0.030	
TIY	7.1	65	+Pg	12 10 04.5	1.4			
			Sg	12 11 33.3	−6.6			
			SMN	M_L=4.0		0.6	0.040	
			SME			0.6	0.10	
HHC	8.2	42	eP	12 09 57.3	−0.4			
			S	12 11 29.4	−0.6			
			SMN	M_L=4.4		0.6	0.10	
			SME			0.6	0.10	
GYA	8.7	166	P	12 10 02.6	−1.3			
			S	12 11 37.8	−3.4			
			SMN	M_L=4.8		1.8	0.20	
			SME			1.8	0.20	
WMQ	15.6	310	eP	12 11 37.6	0.3			

JAN 24d 20h 01m 17.9±0.04s, SD1.30/148
2.28 N±0.58km, 126.69 E±0.91km, h53±0.33km
Molucca Passage (266)
M_S4.7/5, m_b5.3/50,

QZN	23.4	316	P	20 06 23.0	−0.5			
			PMZ	m_b=4.8		1.0	0.040	
			sP	20 06 40.5	−1.0			
			PP	20 06 55.0	−0.5			

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			eS	20 10 30.0	0.7			
			SMN			11.0	0.80	
			SME			11.0	0.70	
QZH	23.9	342	eP	20 06 26.6	−0.9			
			LN	M_S=5.0		30.0	6.20	
			LZ	M_S=4.8		30.0	4.70	
GZH	24.4	329	+P	20 06 33.0	0.2			
SSE	29.1	350	−P	20 07 16.7	0.3			
			PMZ	m_b=5.4		1.4	0.11	
			S	20 12 04.0	1.8			
			LE	M_S=4.5		13.0	0.60	
			LZ	M_S=4.2		20.0	0.50	
WHN	30.4	339	−eP	20 07 29.0	0.9			
			PMZ	m_b=5.6		1.0	0.10	
NJ2	30.5	347	eP	20 07 29.0	0.2			
			S	20 12 30.0	5.8			
			LZ	M_S=4.1		24.0	0.50	
GYA	30.8	323	P	20 07 31.0	−0.3			
			PMZ	m_b=5.4		1.6	0.10	
			PcP	20 10 29.4	2.7			
			S	20 12 28.0	−0.3			
			ScS	20 18 03.4	4.8			
KMI	32.4	317	−P	20 07 45.0	−0.5			
			PMZ	m_b=5.6		1.5	0.15	
			pP	20 07 56.5	−1.4			
			iS	20 12 54.0	−1.0			
			LZ	M_S=4.5		30.0	1.50	
TIA	34.9	346	eP	20 08 06.5	−0.4			
			eS	20 13 32.5	−1.0			
			LZ	M_S=4.3		27.0	0.70	
XAN	35.7	334	+iP	20 08 12.5	−1.2			
CD2	35.8	325	P	20 08 13.5	−1.0			
			PMZ	m_b=5.6		1.0	0.10	
			eS	20 13 54.0	6.8			
DL2	36.7	353	P	20 08 23.5	1.0			
			PMZ	m_b=5.8		1.3	0.21	
			S	20 14 03.0	2.2			
			LZ	M_S=4.5		15.0	0.60	
TTY	37.6	341	+P	20 08 29.5	−0.4			
			PMZ	m_b=5.2		0.8	0.030	
			S	20 14 14.0	−0.1			
			LN	M_S=4.7		16.0	0.70	
			LZ	M_S=4.8		28.0	1.90	
BJI	38.8	347	eP	20 08 39.5	0.0			
			PMZ	m_b=5.8		1.5	0.21	
			eS	20 14 28.0	−4.7			
			LZ	M_S=4.3		28.0	0.69	
SNY	39.5	356	+iP	20 08 46.0	0.8			
			PMZ	m_b=5.5		1.2	0.10	
			S	20 14 44.0	1.8			
			LZ	M_S=4.6		30.0	1.20	
LZH	39.7	331	P	20 08 47.5	−0.1			
			PMZ	m_b=5.6		1.4	0.14	
			pP	20 08 57.5	−2.8			
			PP	20 10 24.5	1.5			
			PcP	20 10 49.0	−3.8			
			ScP	20 14 40.0	4.4			
			eS	20 14 42.0	−5.4			
			LE	M_S=4.6		7.0	0.25	
			LZ	M_S=4.8		30.0	2.00	
HHC	40.8	342	P	20 08 56.4	0.4			
			S	20 15 04.0	2.6			
			LZ	M_S=5.0		30.0	3.10	
BTO	41.0	341	eP	20 09 01.0	2.8			
CN2	41.4	359	eP	20 09 02.0	1.2			
			eS	20 15 10.0	−1.3			
			eSS	20 18 05.0	−6.8			
			LZ	M_S=4.6		20.0	0.90	
MDJ	42.2	3	+P	20 09 09.0	0.9			
			PMZ	m_b=5.8		1.5	0.20	
			PcP	20 11 02.7	1.7			
			eS	20 15 25.0	0.8			
			SS	20 18 30.0	2.1			
			LZ	M_S=4.6		30.0	1.20	
LSA	43.4	313	P	20 09 17.1	−0.7			
			S	20 15 41.0	1.2			
			SMN			3.0	0.29	
GTA	44.3	330	eP	20 09 24.4	−0.7			
			PcP	20 11 09.8	1.8			
			ScP	20 14 57.6	3.8			
			PcS	20 15 02.6	2.7			
			S	20 15 55.0	1.4			
			ScS	20 19 19.4	4.7			
			LE	M_S=4.8		8.0	0.30	
			LZ	M_S=4.9		30.0	2.30	
WMQ	53.9	326	+iP	20 10 38.0	−0.7			
			PMZ	m_b=5.3		0.8	0.030	
			pP	20 10 52.0	0.1			
			sP	20 10 56.5	−1.0			
			PcP	20 11 42.5	0.0			
			eS	20 18 15.0	6.7			
			ScS	20 20 22.5	4.0			
			LZ	M_S=4.6		26.0	0.70	

JAN 25d 09h 06m 45.8±0.05s, SD2.07/12
24.15 N±0.75km, 122.65 E±0.74km, h11±0.33km
Taiwan region (243)
M_L3.4/4, m_b4.0/2,

QZH	3.8	283	−Pn	09 07 41.8	−2.6			
			SMN	M_L=3.2		0.8	0.080	
			SME			0.8	0.040	

JAN 25d 17h 38m 36.4±0.04s, SD1.21/294
2.13 S±0.71km, 139.02 E±0.84km, h22±0.12km
West Irian (201)
M_S5.8/61, m_B6.2/32, m_b5.7/86

QZH	33.4	325	+P	17 45 15.0	−1.2			
			PMZ			3.0	2.20	
			S	17 50 32.0	−2.6			
			LN	M_S=5.4		12.0	2.80	
			LE			12.0	2.20	
			LZ	M_S=5.5		18.0	8.80	
GZH	35.4	316	eP	17 45 34.8	1.5			
			PMZ	m_B=5.9		9.0	2.10	
			S	17 51 05.0	−0.5			
			LN	M_S=5.7		15.0	4.90	
			LE			14.0	6.00	
			LZ	M_S=5.4		24.0	8.00	
QZN	35.6	308	+P	17 45 32.8	−1.8			
			PMZ	m_b=5.2		0.9	0.040	
			PP	17 46 59.0	4.6			
			eS	17 51 07.0	−1.7			
			LN	M_S=5.9		23.0	13.0	
			LE			22.0	9.70	
SSE	37.1	334	−P	17 45 47.0	−0.9			
			PMZ	m_b=5.7		1.6	0.22	
			PMZ	m_B=5.9		6.0	1.20	
			S	17 51 32.0	−0.1			
			sS	17 51 44.0	−1.3			
			PcS	17 51 50.0	−4.8			
			LN	M_S=5.9		19.0	10.6	
			LE			14.0	5.49	
			LZ	M_S=5.7		20.0	12.4	
NJ2	39.0	332	+P	17 46 03.6	0.1			
			PMZ	m_b=5.5		1.2	0.10	
			PMZ	m_B=6.0		5.5	1.60	

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			PP	17	47	36.0	−0.8					PMZ		$m_b = 6.0$		1.4	0.30
			S	17	52	00.0	−0.4					PMZ				15.0	3.10
			LN			$M_S = 5.9$		15.0	7.40			S	17	53	58.5	1.8	
			LE					11.0	3.80			LN		$M_S = 5.8$		14.0	5.00
			LZ			$M_S = 5.3$		20.0	5.10			LZ		$M_S = 5.9$		18.0	11.8
WHN	40.1	326	+P	17	46	14.0	1.3			MDJ	47.3	351	eP	17	47	09.0	−1.8
			PMZ			$m_b = 5.5$		1.2	0.10				pP	17	47	18.0	−0.2
			PMZ			$m_B = 6.2$		6.0	2.30				S	17	54	00.0	−1.3
			PP	17	47	53.0	4.2						ScS	17	57	00.0	−0.1
			S	17	52	18.0	1.0						SS	17	57	24.0	1.8
			LE			$M_S = 5.6$		12.0	3.50				LN			$M_S = 5.8$		17.0	1.00
			LZ			$M_S = 5.3$		20.0	4.40				LE					17.0	6.20
GYA	42.2	314	+iP	17	46	31.2	0.8						LZ			$M_S = 5.8$		20.0	11.0
			PMZ			$m_b = 5.7$		1.6	0.20	CN2	47.3	347	+P	17	47	09.6	−1.4		
			PMZ			$m_B = 6.4$		4.0	2.40				PMZ			$m_b = 5.7$		1.0	0.10
			PP	17	48	12.0	1.0						PMZ			$m_B = 6.2$		6.0	1.90
			PcP	17	48	27.0	3.0						pP	17	47	19.0	0.6		
			S	17	52	51.0	2.5						ScS	17	57	00.0	−0.2		
			LN			$M_S = 5.9$		17.0	7.20				LN			$M_S = 6.0$		17.0	10.0
			LE					17.0	6.10				LE					17.0	2.80
			LZ			$M_S = 5.4$		20.0	5.10				LZ			$M_S = 6.3$		17.0	32.0
TIA	43.3	334	P	17	46	36.1	−2.6			HHC	49.6	333	+P	17	47	28.0	−0.5		
			PMZ					15.0	3.00				PMZ			$m_b = 5.6$		1.2	0.10
			LN			$M_S = 5.9$		17.0	8.00				pP	17	47	38.0	2.2		
			LE					12.0	1.90				PP	17	49	23.0	0.4		
			LZ			$M_S = 5.8$		18.0	10.4				S	17	54	34.0	0.8		
DL2	43.9	340	+P	17	46	42.0	−1.5						SMN					6.0	1.50
			PMZ			$m_b = 5.8$		1.2	0.17				SME					6.0	3.90
			PMZ			$m_B = 6.1$		6.0	1.80				LN			$M_S = 5.9$		17.0	5.10
			pP	17	46	52.0	1.1						LE					15.0	4.10
			S	17	53	12.0	−0.2						LZ			$M_S = 5.9$		20.0	12.2
			LN			$M_S = 5.8$		16.0	5.80	BTO	50.1	331	+iP	17	47	32.0	−0.6		
			LE					15.0	4.30				PMZ			$m_B = 5.9$		6.0	1.10
			LZ			$M_S = 5.4$		18.0	4.30				pP	17	47	41.5	1.7		
KMI	44.4	310	+iP	17	46	46.4	−1.6						ePP	17	49	27.0	−0.7		
			PMZ			$m_b = 5.9$		2.0	0.40				iS	17	54	43.0	1.2		
			PMZ			$m_B = 6.1$		6.0	1.90				LN			$M_S = 6.1$		18.0	9.00
			LN			$M_S = 5.6$		10.0	1.20				LE					17.0	8.60
			LE					12.0	2.90	LZH	50.2	323	+iP	17	47	33.5	0.0		
			LZ			$M_S = 5.7$		20.0	9.30				PMZ			$m_b = 6.1$		2.0	0.50
XAN	45.8	324	+iP	17	46	58.4	−0.5						PMZ			$m_B = 6.2$		6.0	1.92
			PMZ			$m_b = 5.5$		1.5	0.10				PcP	17	48	48.0	−3.8		
			PMZ			$m_B = 6.1$		8.0	2.10				PP	17	49	24.0	−4.8		
			PP	17	48	48.0	2.1						S	17	54	42.0	−0.2		
			S	17	53	41.0	1.2						LN			$M_S = 5.8$		17.0	5.72
			LN			$M_S = 5.8$		16.0	4.90				LZ			$M_S = 5.6$		20.0	6.37
			LE					14.0	2.50	GTA	54.8	323	+iP	17	48	07.4	−0.4		
SNY	45.9	344	+iP	17	46	59.2	−0.9						PMZ			$m_b = 5.7$		1.8	0.19
			PMZ			$m_B = 6.3$		6.0	2.50				PMZ			$m_B = 6.1$		11.0	2.59
			SMN					12.0	3.40				pP	17	48	19.1	4.0		
			SME					9.0	4.50				PcP	17	49	10.0	1.0		
			SS	17	57	00.0	0.8						S	17	55	46.0	1.3		
			LN			$M_S = 6.0$		16.0	5.00				ScS	17	57	53.0	1.8		
			LE					15.0	7.40				SS	17	59	30.0	2.6		
			LZ			$M_S = 5.9$		18.0	12.7				LN			$M_S = 5.7$		16.0	3.40
TIY	46.7	331	+P	17	47	04.9	−1.0						LZ			$M_S = 5.5$		18.0	4.20
			PMZ					14.0	2.00	LSA	55.6	309	+iP	17	48	13.8	−0.1		
			pP	17	47	15.5	2.3						pP	17	48	23.0	2.1		
			S	17	53	52.0	−0.4						S	17	55	59.8	4.3		
			LN			$M_S = 6.0$		18.0	10.0				LE			$M_S = 5.4$		18.0	1.80
			LZ			$M_S = 5.9$		18.0	12.9				LZ			$M_S = 5.8$		16.0	6.90
BJI	46.9	336	+P	17	47	06.5	−1.1			WMQ	64.7	321	+iP	17	49	15.8	−0.4		
			PMZ			$m_b = 6.1$		1.8	0.51				PMZ			$m_b = 5.5$		1.7	0.10
			PMZ			$m_B = 6.2$		4.0	1.41				PMZ			$m_B = 6.2$		10.0	3.30
			eS	17	53	54.0	−2.6						SMN					10.0	2.80
			LN			$M_S = 5.9$		18.0	9.16				LN			$M_S = 5.8$		15.0	3.30
			LZ			$M_S = 6.0$		20.0	17.3				LZ			$M_S = 5.6$		17.0	3.50
CD2	47.0	317	+iP	17	47	08.4	0.2			KSH	71.0	313	eP	17	49	53.0	−2.1		

			LN	$M_S = 6.0$		12.0	3.60	

JAN 25d 17h 40m 16.5 ± 0.02s, SD0.57 / 53
2.13 S ± 0.48km, 139.07 E ± 0.59km, h27 ± 0.12km
West Irian (201)
M_S5.5 / 1, m_b5.7 / 4,

DL2	43.9	340	eP	17 48 22.7	−0.2			
LZH	50.2	323	eP	17 49 13.0	0.0			
			PMZ	$m_b = 5.9$		1.6	0.27	

JAN 25d 17h 42m 38.6 ± 0.04s, SD1.10 / 72
2.13 S ± 0.78km, 139.14 E ± 0.88km, h33 ± 0.20km
West Irian (201)
M_S5.5 / 1, m_B5.9 / 1, m_b5.4 / 15

SSE	37.2	334	+P	17 49 47.5	−1.4			
			PMZ	$m_b = 5.4$		1.0	0.070	
			LZ	$M_S = 5.4$		20.0	5.51	
MDJ	47.3	351	eP	17 51 08.0	−3.4			
			PMZ	$m_b = 5.6$		1.2	0.11	

JAN 25d 18h 38m 26.2 ± 0.02s, SD0.73 / 33
2.11 S ± 0.30km, 139.07 E ± 0.54km, h32 ± 0.04km
West Irian (201)
m_b5.0 / 7,

XAN	45.8	324	eP	18 46 46.6	−0.7			
CD2	47.0	317	eP	18 46 56.5	−0.1			
GTA	54.8	323	eP	18 47 55.0	−1.0			
			pP	18 48 02.0	−3.3			
WMQ	64.8	321	P	18 49 04.0	−0.4			

JAN 25d 21h 44m 03.7 ± 0.05s, SD0.98 / 22
2.10 S ± 0.37km, 139.02 E ± 1.40km, h32 ± 0.11km
West Irian (201)
m_b4.9 / 5,

XAN	45.8	324	eP	21 52 24.0	−0.5			
BJI	46.9	336	eP	21 52 32.0	−1.1			
CD2	46.9	317	eP	21 52 34.2	0.4			
LSA	55.6	309	P	21 53 39.2	−0.2			
WMQ	64.7	321	P	21 54 41.5	−0.1			

JAN 26d 00h 19m 12.6 ± 0.03s, SD1.24 / 218
3.52 S ± 0.66km, 102.61 E ± 0.91km, h112 ± 0.30km
Southern Sumatera (274)
m_b5.5 / 61,

KMI	28.5	0	−P	00 25 00.5	0.5			
			PMZ	$m_b = 5.1$		1.5	0.060	
			S	00 29 40.0	2.8			
			LE			9.0	1.20	
			LZ			12.0	1.90	
GYA	30.1	7	−iP	00 25 14.2	0.4			
			PcP	00 28 13.0	0.6			
			S	00 30 06.0	4.1			
			LN			14.0	1.40	
			LE			14.0	1.10	
			LZ			16.0	1.00	
CD2	34.2	2	P	00 25 49.5	−0.7			
			PcP	00 28 24.0	0.2			
WHN	35.7	18	−P	00 26 03.0	0.8			
			PcP	00 28 28.5	0.5			
			eS	00 31 34.0	3.9			
			LE			11.0	0.50	
XAN	37.8	9	P	00 26 20.0	−0.3			
			LN			11.0	0.90	
NJ2	38.6	22	+P	00 26 27.9	1.3			
			PcP	00 28 37.0	0.1			
SSE	38.7	26	+iP	00 26 29.0	1.4			
			PMZ	$m_b = 5.5$		1.5	0.12	
			PcP	00 28 37.0	−0.3			
			S	00 32 18.0	2.8			
			LE			8.0	0.20	
			LZ			20.0	0.60	
LZH	39.4	2	eP	00 26 34.2	0.6			
			PMZ	$m_b = 5.1$		1.2	0.043	
			PP	00 28 06.0	−3.0			
			SME			5.0	0.51	
			LN			12.0	0.73	
			LZ			16.0	0.73	
TIA	41.8	18	eP	00 26 52.9	−0.1			
			PcP	00 28 46.9	−0.3			
			ScS	00 36 42.7	1.4			
			LE			13.0	0.83	
TIY	42.0	12	P	00 26 55.0	0.0			
			LE			13.5	0.80	
			LZ			20.0	0.50	
GTA	42.8	357	eP	00 27 01.5	0.1			
			PMZ	$m_b = 5.2$		1.0	0.040	
			PcP	00 28 50.2	−0.3			
			PcS	00 32 42.3	1.0			
			LE			13.0	0.50	
			LZ			16.0	0.90	
BTO	44.4	8	eP	00 27 14.0	−0.5			
			ePP	00 28 56.0	−4.0			
			LN			13.0	1.10	
			LE			12.0	0.50	
HHC	44.9	10	P	00 27 18.8	0.5			
			PMZ	$m_b = 5.5$		1.2	0.10	
			S	00 33 52.0	5.7			
			SMN			9.0	0.50	
			LZ			13.0	0.50	
BJI	45.1	15	eP	00 27 20.0	0.3			
			PMZ	$m_b = 5.6$		1.5	0.14	
			PcP	00 28 58.0	−0.4			
			ePP	00 29 10.0	2.7			
DL2	45.7	21	eP	00 27 23.0	−1.6			
			LZ			16.0	1.00	
WMO	49.0	346	−P	00 27 50.0	−0.3			
			PMZ	$m_b = 5.5$		1.0	0.060	
			ScS	00 37 29.0	1.8			
			LZ			40.0	0.80	
SNY	49.0	21	eP	00 27 47.4	−2.8			
			PMZ	$m_b = 5.1$		1.4	0.040	
CN2	51.4	21	+iP	00 28 07.0	−1.5			
			PMZ	$m_b = 5.5$		1.0	0.060	
			PMZ			3.0	0.30	
			PcP	00 29 20.0	−1.1			
MDJ	53.7	24	−iP	00 28 24.5	−0.8			

JAN 26d 01h 07m 15.5 ± 0.03s, SD0.96 / 88
2.07 S ± 0.48km, 139.09 E ± 0.79km, h32 ± 0.10km
West Irian (201)
m_b4.9 / 22,

SSE	37.1	334	P	01 14 25.0	−0.2			
			PMZ	$m_b = 4.7$		1.0	0.012	
			eS	01 20 14.0	4.8			
			LZ	$M_S = 4.3$		20.0	0.50	
NJ2	39.0	332	−P	01 14 41.0	0.2			
			LZ	$M_S = 4.2$		18.0	0.30	
WHN	40.1	326	eP	01 14 51.7	1.6			
TIA	43.2	334	eP	01 15 16.0	0.0			
KMI	44.4	310	eP	01 15 26.5	0.9			
XAN	45.8	324	P	01 15 36.4	0.0			
BJI	46.9	336	eP	01 15 44.0	−0.8			
			PMZ	$m_b = 4.9$		1.0	0.018	
			LZ	$M_S = 4.3$		20.0	0.36	
CD2	47.0	317	P	01 15 45.7	0.0			
			S	01 22 32.0	−1.2			

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MDJ	47.2	351	eP	01 15 47.5	−0.4			
CN2	47.3	347	P	01 15 48.0	−0.1			
HHC	49.5	333	P	01 16 05.8	0.0			
BTO	50.1	331	eP	01 16 11.0	1.1			
GTA	54.8	323	eP	01 16 44.6	−0.6			
			PMZ	m_b=4.6		1.2	0.010	
			pP	01 16 52.0	−2.4			
WMQ	64.7	321	P	01 17 53.0	−0.5			

JAN 26d 04h 27m 25.1±0.03s, SD2.30/6
25.62 N±0.26km, 102.24 E±0.25km, h12±0.10km
Yunnan Province (318)
M_L3.1/4,

KMI	0.7	136	Pg	04 27 36.0	−1.1			
			Sg	04 27 45.5	−0.4			
			SMN	M_L=2.9		0.8	0.48	
			SME			0.8	0.38	

JAN 26d 08h 14m 06.5±0.05s, SD1.68/124
37.18 N±1.23km, 71.08 E±0.62km, h54±0.09km
Hindu Kush region (718)
M_S4.8/22, M_L5.2/1, m_b4.9/33

KSH	4.5	57	P	08 15 15.0	1.3			
			S	08 16 07.4	4.1			
			LN	M_S=5.4		6.0	33.2	
WMQ	14.3	57	P	08 17 22.9	−4.5			
			PP	08 17 35.0	−3.9			
			eS	08 20 08.0	3.8			
			SS	08 20 25.0	4.0			
			LN	M_S=4.8		10.0	1.50	
			LE			9.0	1.80	
			LZ	M_S=4.1		18.0	1.10	
LSA	18.3	108	P	08 18 17.8	−1.2			
			pP	08 18 25.7	−3.1			
			S	08 21 42.0	5.5			
			sS	08 21 48.0	−6.0			
			LZ			0.0	1.40	
			LN	M_S=4.6		8.0	0.80	
			LE			8.0	0.50	
GTA	22.6	76	eP	08 19 04.0	−0.2			
			PMZ	m_b=4.2		0.8	0.010	
			pP	08 19 11.2	−5.1			
			sS	08 23 21.5	−2.6			
			LE	M_S=4.8		11.0	1.30	
			LZ	M_S=4.6		14.0	1.50	
LZH	26.2	82	eP	08 19 39.0	0.0			
			PMZ	m_b=4.7		2.0	0.039	
			pP	08 19 47.0	−4.3			
			LN	M_S=4.8		15.0	1.42	
			LZ	M_S=4.4		18.0	0.87	
KMI	29.5	105	eP	08 20 08.0	−0.4			
			LE	M_S=4.5		12.0	0.50	
			LZ	M_S=4.6		14.0	1.00	
BTO	30.3	71	eP	08 20 18.0	2.3			
			eS	08 25 17.5	6.9			
			LN	M_S=4.8		14.0	0.90	
			LE			12.0	0.60	
XAN	30.8	84	P	08 20 21.6	1.9			
			LN	M_S=4.7		10.0	0.70	
HHC	31.5	71	eP	08 20 25.0	−0.8			
			eS	08 25 33.0	4.5			
			LN	M_S=4.6		15.0	0.60	
			LE			11.0	0.40	
			LZ	M_S=4.6		18.0	1.20	
GYA	31.9	99	P	08 20 30.4	0.8			
			LN	M_S=4.8		12.0	0.80	
			LE			12.0	0.40	
TIY	32.6	76	eP	08 20 35.4	−0.6			
			LN	M_S=4.8		13.0	0.90	
			LZ	M_S=4.6		15.0	1.09	
BJI	35.1	71	eP	08 20 56.5	−0.2			
			LN	M_S=4.7		12.0	0.64	
			LZ	M_S=4.6		18.0	0.88	
WHN	36.3	88	eP	08 21 09.5	2.4			
TIA	36.6	77	eP	08 21 12.6	2.4			
			LN	M_S=5.0		14.0	1.20	
NJ2	39.3	83	−P	08 21 31.0	−1.4			
			LZ	M_S=4.2		16.0	0.30	
SNY	40.3	67	+P	08 21 44.6	4.5			
			eS	08 27 40.0	−3.1			
			LN	M_S=5.0		16.0	1.40	
			LZ	M_S=4.8		15.0	1.10	
CN2	41.2	63	eP	08 21 50.8	2.5			
			pP	08 21 56.5	−4.9			
			eS	08 28 00.0	2.2			
			LZ	M_S=4.9		20.0	1.50	
SSE	41.5	83	eP	08 21 52.0	1.4			
			sP	08 22 06.3	−3.3			
			LN	M_S=5.0		17.0	1.40	
			LZ	M_S=4.5		18.0	0.60	

JAN 26d 08h 56m 02.0±0.04s, SD1.23/40
14.89 S±1.51km, 173.17 W±1.21km, h32±0.11km
Tonga (173)
m_b4.7/11,

CN2	80.8	320	P	09 08 14.6	−0.4			
			pP	09 08 23.0	−1.4			
			eS	09 18 22.0	1.8			
			LZ	M_S=5.0		26.0	1.00	
BJI	85.3	313	eP	09 08 38.0	0.4			
			eS	09 19 00.0	−5.0			
			LZ	M_S=4.6		24.0	0.32	
TIY	87.1	310	eP	09 08 46.6	0.0			

JAN 26d 17h 20m 46.0±0.05s, SD1.73/122
24.74 N±0.75km, 96.97 E±0.50km, h11±0.12km
Burma (296)
M_S4.8/29, M_L4.5/4, m_B5.7/3,

KMI	5.3	84	Pg	17 22 20.0	0.7			
			Sg	17 23 29.5	−1.4			
			LN	M_S=4.9		8.0	7.70	
			LE			8.0	7.40	
LSA	7.2	315	Pn	17 22 36.0	4.4			
			LZ	M_S=4.1		10.0	1.46	
CD2	8.6	43	P	17 22 55.0	1.3			
			LE	M_S=4.8		5.0	2.80	
			LZ	M_S=5.0		12.0	10.5	
GYA	8.9	77	−iP	17 22 57.0	−1.2			
			PMZ	m_b=4.4		1.2	0.020	
			LN	M_S=5.2		8.0	9.10	
			LE			8.0	2.70	
			LZ	M_S=4.7		12.0	4.90	
LZH	12.8	26	eP	17 23 48.5	−2.3			
			PMZ	m_b=4.7		1.5	0.028	
			PP	17 23 57.5	−3.0			
			eS	17 26 10.0	−4.2			
			LN	M_S=4.7		12.0	1.36	
			LE			12.0	2.41	
			LZ	M_S=4.1		18.0	1.36	
XAN	13.9	46	eP	17 24 04.6	−1.6			
			S	17 26 40.0	−1.4			
			LN	M_S=4.7		12.0	1.60	
			LE			10.0	1.30	
GTA	14.8	9	eP	17 24 16.4	−1.6			
			PMZ	m_b=4.6		1.2	0.015	
			PMZ	m_B=5.7		4.0	0.59	

			pP	17 24 24.4	2.1			
			LN	M_S=5.1		10.0	3.20	
			LE			10.0	3.60	
			LZ	M_S=4.9		12.0	4.10	
WHN	16.4	66	eP	17 24 41.0	2.3			
			LN	M_S=4.9		6.0	1.40	
TIY	18.5	42	eP	17 25 03.7	−0.4			
			S	17 28 27.5	1.0			
			LE	M_S=4.5		16.5	1.40	
			LZ	M_S=4.3		18.0	1.20	
BTO	19.2	31	eP	17 25 14.0	0.8			
			LN	M_S=4.8		12.0	1.70	
			LE			11.0	0.70	
HHC	20.2	34	P	17 25 25.6	1.8			
			LN	M_S=4.4		13.0	0.50	
			LE			9.0	0.50	
WMQ	20.5	341	P	17 25 27.4	0.3			
			LN	M_S=4.5		11.0	0.80	
			LZ	M_S=4.2		14.0	0.60	
NJ2	20.6	64	eP	17 25 27.0	−0.8			
			LN	M_S=4.9		12.0	1.90	
			LE			12.0	0.80	
			LZ	M_S=4.3		11.0	0.70	
TIA	20.8	52	eP	17 25 28.8	−1.0			
			LN	M_S=4.9		13.0	1.23	
			LE			13.0	1.90	
BJI	22.2	42	eP	17 25 47.0	2.7			
			PMZ	m_b=5.0		1.7	0.10	
			LZ	M_S=4.2		18.0	0.76	
SSE	22.3	68	eP	17 25 42.7	−2.6			
			LN	M_S=4.6		9.0	0.70	
			LZ	M_S=4.3		18.0	0.90	
DL2	25.2	50	eP	17 26 14.0	0.7			
			PMZ	m_b=4.9		1.0	0.030	
			PMZ	m_B=5.7		4.0	0.70	
			LZ	M_S=4.4		16.0	0.90	
SNY	27.9	46	eP	17 26 37.4	−0.8			
			eS	17 31 16.0	−3.9			
			LN	M_S=4.6		16.0	1.00	
			LZ	M_S=4.4		17.0	0.80	
CN2	30.0	44	eP	17 27 01.0	3.3			
			pP	17 27 04.0	0.7			
			LZ	M_S=4.8		16.0	1.70	

JAN 26d 21h 23m 16.2 ± 0.07s, SD1.72 / 62
30.51 S ± 0.98km, 177.42 W ± 0.80km, h48 ± 0.64km
Kermadec Islands region (177)
m_b5.2 / 5,

BJI	93.4	315	eP	21 36 33.0	4.8			
			eS	21 47 24.0	−5.5			
TIY	94.3	312	+P	21 36 35.3	2.6			

JAN 27d 06h 26m 27.8 ± 0.04s, SD1.10 / 170
10.72 S ± 0.71km, 164.30 E ± 0.67km, h34 ± 0.14km
Solomon Islands (193)
m_B5.5 / 2, m_b5.2 / 54,

SSE	58.6	317	−P	06 36 23.5	−1.1			
			PMZ	m_b=5.5		1.0	0.062	
			pP	06 36 32.0	−2.2			
			LZ	M_S=4.6		20.0	0.50	
GZH	60.1	304	+P	06 36 35.6	0.7			
NJ2	60.8	316	+P	06 36 40.0	0.5			
			PMZ	m_b=5.7		1.0	0.10	
QZN	61.3	299	P	06 36 42.4	−0.3			
WHN	63.1	312	+P	06 36 54.7	−0.3			
MDJ	63.4	333	+P	06 36 56.5	−0.4			
SNY	64.3	327	eP	06 37 01.6	−1.0			
TIA	64.4	319	−P	06 37 01.8	−1.8			
			LZ	M_S=4.4		26.0	0.30	
CN2	64.7	330	−P	06 37 05.0	−0.6			
			pP	06 37 14.0	−1.4			
			eS	06 45 47.0	4.4			
			LZ	M_S=5.0		15.0	0.70	
GYA	67.1	305	−iP	06 37 20.6	0.0			
BJI	67.3	322	eP	06 37 22.0	−0.2			
			PMZ	m_b=5.1		1.4	0.033	
			eS	06 46 16.0	1.8			
			LZ	M_S=4.5		20.0	0.30	
TIY	68.4	318	eP	06 37 28.2	−0.5			
			LZ	M_S=4.9		18.0	0.60	
XAN	68.9	313	−P	06 37 31.5	−0.2			
KMI	69.7	302	−P	06 37 38.0	0.6			
			PMZ	m_b=5.5		1.4	0.080	
HHC	70.7	320	P	06 37 43.2	0.3			
CD2	71.3	308	P	06 37 46.4	−0.1			
			PMZ	m_b=5.6		0.9	0.070	
BTO	71.5	319	eP	06 37 49.0	1.0			
LZH	73.5	313	−P	06 38 00.0	0.2			
			PMZ	m_b=5.4		1.5	0.068	
			PMZ	m_B=5.5		5.0	0.29	
			LZ	M_S=4.6		20.0	0.34	
GTA	77.8	314	−P	06 38 25.0	0.6			
			PMZ	m_b=5.3		1.2	0.050	
			PMZ	m_B=5.6		5.0	0.39	
			pP	06 38 31.0	−2.9			
			sP	06 38 35.0	−2.9			
			LZ	M_S=4.8		18.0	0.40	
LSA	81.0	303	P	06 38 40.2	−1.7			
WMQ	87.9	315	P	06 39 15.6	−0.4			

JAN 27d 07h 26m 51.8 ± 0.02s, SD0.78 / 82
24.09 S ± 0.34km, 179.30 E ± 0.44km, h546 ± 0.17km
South of Fiji (171)
m_b5.0 / 30,

MDJ	82.1	327	eP	07 38 16.5	−0.4			
WHN	82.6	308	+P	07 38 20.2	0.6			
SNY	83.4	322	−P	07 38 23.0	−0.5			
			PMZ	m_b=4.3		1.0	0.012	
CN2	83.7	324	−P	07 38 24.6	−0.3			
			PMZ	m_b=4.7		1.0	0.030	
TIA	83.9	314	−P	07 38 26.5	0.5			
TIY	87.8	313	−iP	07 38 45.5	0.5			
XAN	88.4	309	P	07 38 48.0	0.6			
CD2	90.7	304	P	07 38 59.2	1.2			
			PMZ	m_b=5.0		1.0	0.020	
LZH	93.0	308	−P	07 39 09.5	0.6			
			PMZ	m_b=5.2		1.0	0.025	

JAN 27d 09h 07m 13.3 ± 0.56s, SD3.50 / 6
22.93 N ± 4.83km, 121.85 E ± 3.02km, h25 ± 0.92km
Taiwan region (243)
M_L3.7 / 5,

QZH	3.6	305	+Pn	09 08 08.0	0.1			
			SMN	M_L=3.5		0.7	0.14	
			SME			0.8	0.12	
SSE	8.2	356	eP	09 09 12.5	−0.6			
			SME	M_L=3.5		1.0	0.013	

JAN 27d 19h 05m 13.6 ± 0.06s, SD1.48 / 28
1.10 N ± 0.71km, 124.27 E ± 1.38km, h30 ± 0.17km
Minahassa Peninsula (Celebes) (265)
m_b5.1 / 1,

GYA	30.4	328	P	19 11 26.8	1.2
CD2	35.5	329	P	19 12 09.5	−0.2
XAN	35.8	338	P	19 12 11.2	−1.3
TIY	38.0	345	P	19 12 31.9	0.5

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LZH	39.6	334	eP	19 12 44.0	−0.9			
			PMZ	m_b = 5.1		1.5	0.048	
			pP	19 12 53.0	−0.5			
			LZ	M_S = 4.1		18.0	0.24	
LSA	42.4	315	P	19 13 09.3	1.0			

JAN 27d 23h 56m 21.1 ± 0.12s, SD2.46 / 28
25.20 N ± 1.32km, 123.72 E ± 0.95km, h205 ± 0.76km
South-western Ryukyu Islands (246)
m_b4.3 / 4,

QZH	4.7	268	eP	23 57 31.5	−0.6			
TIA	12.4	334	eP	23 59 12.2	0.8			
			LZ			12.0	1.60	
BJI	16.1	339	eP	23 59 57.0	−0.8			
			LN			10.0	1.07	
			LZ			14.0	1.17	
SNY	16.6	360	eP	24 00 03.2	−0.4			
			PMZ	m_b = 4.2		1.1	0.010	
			LN			11.0	1.30	
			LE			9.0	0.70	
			LZ			14.0	2.10	
CN2	18.6	4	eP	24 00 23.0	−2.6			
			epP	24 00 26.0	−2.5			
			LZ			12.0	2.00	

JAN 28d 09h 06m 37.0 ± 0.05s, SD1.32 / 176
10.54 N ± 0.61km, 125.71 E ± 0.70km, h59 ± 0.34km
Leyte (256)
M_S4.7 / 24, m_B5.4 / 10, m_b5.4 / 69

QZH	15.8	336	eP	09 10 15.0	−2.8			
			PMZ	m_b = 5.4		0.8	0.15	
			LZ	M_S = 4.4		18.0	2.10	
GZH	17.2	318	+P	09 10 35.0	0.3			
			LZ	M_S = 4.7		25.0	4.70	
QZN	17.5	301	+P	09 10 39.0	0.4			
			PMZ	m_b = 5.3		0.7	0.10	
			LN	M_S = 4.9		15.0	1.70	
			LE			20.0	3.60	
SSE	20.9	349	−iP	09 11 17.5	0.8			
			PMZ	m_b = 5.4		1.0	0.19	
			PMZ	m_B = 5.3		6.0	1.00	
			pP	09 11 27.5	−2.1			
			sP	09 11 32.0	−4.3			
			S	09 15 00.0	0.0			
			SS	09 15 30.0	−4.3			
			LN	M_S = 4.4		16.0	1.00	
			LZ	M_S = 4.5		20.0	1.70	
NJ2	22.3	345	+P	09 11 32.0	0.9			
			PMZ	m_b = 5.7		1.1	0.40	
			PMZ	m_B = 5.4		5.0	0.90	
			sP	09 11 50.0	−0.9			
			S	09 15 33.0	6.3			
			sS	09 15 52.0	2.1			
WHN	22.5	334	+P	09 11 34.5	1.4			
			PMZ	m_b = 4.9		1.0	0.060	
			PMZ	m_B = 5.2		5.0	0.60	
			pP	09 11 44.5	−1.9			
			LE	M_S = 4.6		19.0	1.50	
			LZ	M_S = 4.4		22.0	1.30	
GYA	24.0	314	+iP	09 11 48.4	1.2			
			PMZ	m_b = 4.9		1.0	0.050	
			PMZ	m_B = 5.5		4.0	0.80	
			ScP	09 19 01.6	1.3			
			LN	M_S = 4.8		14.0	1.40	
			LE			14.0	0.80	
			LZ	M_S = 4.6		26.0	2.40	
KMI	26.2	307	+P	09 12 08.0	−0.4			
			PMZ	m_b = 4.9		1.5	0.050	
			LN	M_S = 4.8		9.0	0.70	
			LE			9.0	0.60	
			LZ	M_S = 4.8		30.0	4.30	
TIA	26.7	344	+P	09 12 12.3	−0.8			
			PMZ	m_b = 5.2		0.7	0.040	
			eS	09 16 39.0	−3.1			
			LE	M_S = 4.5		15.0	0.70	
XAN	28.0	329	+iP	09 12 22.6	−2.2			
			pP	09 12 37.0	−1.3			
			S	09 16 59.4	−2.5			
DL2	28.5	353	P	09 12 29.0	0.0			
CD2	28.7	318	+iP	09 12 30.2	−1.3			
			PMZ	m_b = 5.6		0.8	0.10	
			sP	09 12 50.0	−1.5			
			LZ	M_S = 5.0		24.0	4.60	
TIY	29.6	338	+iP	09 12 38.4	−0.5			
			S	09 17 28.0	0.9			
			LN	M_S = 4.8		15.0	1.20	
			LZ	M_S = 4.5		28.0	1.50	
BJI	30.6	346	eP	09 12 47.0	−0.7			
			PMZ	m_b = 5.4		1.4	0.098	
			eS	09 17 44.0	0.4			
			eScP	09 19 22.0	1.8			
			eScS	09 23 17.0	1.9			
			LZ	M_S = 4.5		20.0	0.96	
SNY	31.2	357	+iP	09 12 53.0	−0.4			
			PMZ	m_b = 5.7		0.8	0.10	
			pP	09 13 02.2	−4.9			
LZH	32.2	326	+P	09 13 02.5	−0.1			
			PMZ	m_b = 5.4		1.5	0.090	
			PMZ	m_B = 5.6		4.0	0.45	
			pP	09 13 11.0	−5.2			
			PP	09 14 07.5	−2.5			
			eS	09 18 09.0	−1.3			
			PcS	09 19 33.0	0.6			
			ScS	09 23 26.0	2.5			
			LN	M_S = 4.8		13.0	0.65	
			LE			13.0	0.88	
			LZ	M_S = 4.9		25.0	3.27	
HHC	32.7	340	P	09 13 06.1	−0.1			
			S	09 18 21.0	5.3			
			LZ	M_S = 4.6		30.0	1.60	
BTO	33.0	338	P	09 13 09.0	−0.1			
			ePP	09 14 21.5	1.8			
			S	09 18 24.0	3.2			
			sS	09 18 48.0	2.0			
			LN	M_S = 4.7		13.0	0.50	
			LE			13.0	0.50	
CN2	33.1	360	eP	09 13 09.5	−0.6			
			epP	09 13 19.0	−5.0			
			ScP	09 19 29.0	0.1			
			ScS	09 23 28.0	0.0			
			LN	M_S = 4.4		14.0	0.30	
			LE			14.0	0.30	
			LZ	M_S = 4.7		20.0	1.50	
MDJ	34.1	5	−P	09 13 20.0	1.5			
			PMZ	m_b = 5.5		1.0	0.070	
			PcS	09 19 40.0	1.0			
GTA	36.8	326	+iP	09 13 41.9	0.0			
			PMZ	m_b = 5.7		0.8	0.10	
			PMZ	m_B = 5.2		8.0	0.36	
			sP	09 14 01.2	−1.0			
			PcP	09 16 02.5	0.5			
			ScP	09 19 43.4	1.2			
			PcS	09 19 48.0	−0.8			
			S	09 19 20.0	−0.2			
			ScS	09 23 47.5	−0.5			
			LE	M_S = 4.9		15.0	1.10	

			LZ		$M_S = 5.0$		25.0	2.90
LSA	37.4	306	P	09	13 46.8	−0.3		
			eS	09	19 30.0	−0.8		
WMQ	46.7	322	P	09	15 01.5	−0.6		
			PMZ		$m_b = 5.7$		0.7	0.070
			PP	09	16 49.5	−1.6		
			ScP	09	20 20.5	−0.5		
			S	09	21 46.3	1.5		
			sS	09	22 12.4	1.7		
			ScS	09	24 46.5	−0.8		
			SS	09	25 04.5	−0.1		
			LZ		$M_S = 4.8$		22.0	1.20

JAN 28d 12h 58m 48.2 ± 0.04s, SD1.21 / 165
41.97 S ± 0.80km, 171.68 E ± 0.50km, h27 ± 0.13km
South Island, New Zealand (162)
M_S5.5 / 7, m_B6.1 / 8, m_b5.9 / 39

SSE	86.3	318	+P	13	11 28.0	−1.7		
			PMZ		$m_b = 5.7$		2.0	0.15
			PMZ		$m_B = 6.1$		5.0	0.90
			PP	13	14 52.0	0.5		
			S	13	21 54.0	−6.6		
			sS	13	22 13.0	−3.5		
			LN		$M_S = 5.5$		16.0	1.00
			LZ		$M_S = 5.3$		20.0	1.10
NJ2	88.2	317	+P	13	11 39.0	−0.1		
			PMZ		$m_b = 6.0$		1.8	0.20
			PMZ		$m_B = 6.1$		5.5	0.80
			LZ		$M_S = 4.9$		20.0	0.50
WHN	89.4	313	+P	13	11 44.7	0.0		
			PMZ		$m_b = 6.1$		1.5	0.20
			PMZ		$m_B = 6.3$		5.0	1.00
			sP	13	12 00.5	3.7		
			SKS	13	22 09.0	−0.7		
GYA	90.7	306	+iP	13	11 51.6	0.5		
			PMZ		$m_b = 6.1$		1.6	0.20
			PMZ				3.0	1.00
			sP	13	12 06.0	3.0		
			SKS	13	22 19.0	1.3		
			S	13	22 48.0	6.2		
			LZ		$M_S = 4.9$		36.0	0.90
KMI	92.2	302	+P	13	11 58.0	0.0		
			PMZ		$m_b = 6.0$		2.5	0.23
			pP	13	12 10.6	4.3		
			LZ		$M_S = 5.4$		20.0	1.40
TIA	92.4	319	+P	13	11 57.5	−1.2		
			PMZ		$m_b = 6.3$		2.0	0.30
			LN		$M_S = 5.4$		18.0	0.80
SNY	94.0	326	+P	13	12 04.0	−2.1		
			SKS	13	22 32.0	−4.3		
			S	13	23 14.0	3.3		
			LZ		$M_S = 5.2$		20.0	0.80
MDJ	94.1	331	eP	13	12 06.5	0.2		
			LZ		$M_S = 5.2$		20.0	0.93
CN2	94.9	328	+P	13	12 08.5	−1.7		
			PMZ		$m_B = 5.8$		5.0	0.20
			epP	13	12 19.0	0.3		
			LZ		$M_S = 5.6$		20.0	1.90
XAN	95.0	312	P	13	12 10.1	−0.6		
CD2	95.7	307	P	13	12 15.0	1.2		
			PP	13	16 06.0	−0.7		
			eSKS	13	22 42.0	−3.5		
			S	13	23 31.0	6.0		
			LZ		$M_S = 5.5$		19.0	1.70
BJI	95.9	320	eP	13	12 14.0	−0.5		
			ePP	13	16 06.0	−2.1		
			eSKS	13	22 48.0	1.6		
			eS	13	23 32.0	3.8		
			eSS	13	30 06.0	5.1		
			LZ		$M_S = 5.4$		18.0	1.17
TIY	95.9	317	eP	13	12 14.8	0.0		
			SKS	13	22 48.0	1.3		
			LN		$M_S = 5.5$		16.0	0.80
			LZ		$M_S = 5.3$		18.0	1.00
LZH	99.4	311	eP	13	12 29.0	−1.5		
			PMZ		$m_b = 5.9$		2.0	0.043
			PMZ		$m_B = 6.3$		6.0	0.36
			sP	13	12 45.0	2.6		
			PP	13	16 35.0	0.2		
			eSKS	13	23 03.7	−0.7		
			eS	13	24 00.0	2.1		
			LN		$M_S = 5.4$		16.0	0.63
			LZ		$M_S = 5.2$		28.0	1.12
WMQ	113.8	308	ePKP	13	17 23.8	−1.6		
			PP	13	18 20.0	−2.3		
			LZ		$M_S = 5.0$		24.0	0.50

JAN 28d 18h 00m 53.1 ± 0.05s, SD1.20 / 182
41.99 S ± 0.86km, 171.68 E ± 0.53km, h18 ± 0.16km
South Island, New Zealand (162)
M_S5.8 / 16, m_B6.3 / 14, m_b5.7 / 39

QZN	83.3	303	eP	18	13 21.0	0.1		
			PP	18	16 29.0	−4.3		
			eS	18	23 46.0	6.2		
			LN		$M_S = 5.9$		20.0	2.40
			LE				18.0	1.80
GZH	84.2	308	+P	18	13 26.4	0.7		
			ePP	18	16 36.0	−4.9		
			LZ		$M_S = 5.4$		20.0	1.80
SSE	86.3	318	+P	18	13 35.5	−0.5		
			PMZ				2.8	0.36
			PMZ		$m_B = 6.2$		6.0	1.30
			pP	18	13 46.7	3.8		
			PP	18	16 58.0	0.3		
			sS	18	24 18.0	−3.0		
			LN		$M_S = 5.7$		16.0	1.10
			LE				15.0	0.90
			LZ		$M_S = 5.6$		20.0	2.60
NJ2	88.2	317	+P	18	13 45.8	0.4		
			PMZ		$m_b = 5.8$		1.2	0.10
			PMZ		$m_B = 6.3$		5.0	1.10
			iPP	18	17 12.0	−2.1		
			S	18	24 20.0	−6.2		
WHN	89.4	313	+eP	18	13 51.0	0.0		
			PMZ		$m_b = 5.6$		1.0	0.040
			PMZ		$m_B = 6.5$		4.0	1.40
			SKS	18	24 20.0	3.1		
			LE		$M_S = 5.4$		13.0	0.60
			LZ		$M_S = 5.4$		20.0	1.30
GYA	90.7	306	+iP	18	13 58.2	0.8		
			PMZ		$m_b = 5.9$		1.4	0.10
			PMZ		$m_B = 6.4$		5.0	1.30
			PP	18	17 36.0	2.9		
			SKS	18	24 27.0	2.1		
			LN		$M_S = 5.9$		20.0	1.40
			LE				20.0	2.40
			LZ		$M_S = 5.2$		36.0	1.70
KMI	92.2	302	+P	18	14 04.5	0.2		
			PMZ		$m_B = 6.2$		8.0	1.10
			LZ		$M_S = 5.7$		18.0	2.70
TIA	92.4	319	+P	18	14 04.4	−0.6		
			PMZ		$m_b = 6.3$		2.0	0.30
			PMZ		$m_B = 6.6$		4.0	1.20
			LN		$M_S = 5.8$		19.0	1.60
			LE				24.0	1.40
DL2	92.5	323	P	18	14 04.0	−1.2		

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			PP	18 17 47.0	−1.1			
			SKS	18 24 34.0	−0.8			
			S	18 25 04.0	−0.4			
			LZ	$M_S = 5.2$		22.0	1.00	
SNY	94.1	326	+P	18 14 08.0	−4.4			
			PMZ			13.0	0.80	
MDJ	94.1	331	eP	18 14 10.3	−2.3			
			eS	18 25 22.0	1.9			
			LZ	$M_S = 5.5$		20.0	1.80	
CN2	94.9	328	+P	18 14 15.0	−1.5			
			PMZ	$m_B = 6.1$		6.0	0.40	
			pP	18 14 20.0	−3.4			
			eS	18 25 24.0	−3.3			
			eSS	18 31 51.0	−3.6			
			LN	$M_S = 5.8$		20.0	1.90	
			LE			20.0	1.00	
			LZ	$M_S = 6.1$		20.0	6.20	
XAN	95.0	312	−P	18 14 16.9	−0.1			
			SKS	18 24 50.0	1.0			
			S	18 25 28.0	1.6			
			LN	$M_S = 5.8$		16.0	1.20	
			LE			16.0	1.00	
CD2	95.7	307	P	18 14 22.0	1.9			
			LZ	$M_S = 5.9$		19.0	3.70	
BJI	95.9	320	eP	18 14 19.5	−1.4			
			ePP	18 18 10.0	−4.3			
			eSKS	18 24 52.0	−1.7			
			eS	18 25 30.0	−5.4			
			SS	18 32 12.0	4.0			
			LN	$M_S = 5.8$		18.0	1.67	
			LZ	$M_S = 5.8$		18.0	2.64	
TIY	95.9	317	+iP	18 14 20.0	−1.2			
			PMZ	$m_B = 6.7$		4.0	0.70	
			sP	18 14 36.0	5.0			
			SKS	18 24 54.0	0.1			
			LN	$M_S = 5.9$		19.0	2.30	
			LZ	$M_S = 5.6$		22.0	2.00	
HHC	98.8	318	P	18 14 34.0	0.0			
			LZ	$M_S = 5.7$		20.0	2.50	
LZH	99.4	311	eP	18 14 36.5	−0.3			
			PMZ	$m_b = 5.8$		2.0	0.036	
			PMZ	$m_B = 6.2$		12.0	0.53	
			SKS	18 25 09.0	−2.6			
			LN	$M_S = 5.8$		16.0	1.05	
			LE			16.0	0.96	
			LZ	$M_S = 5.5$		22.0	1.51	
WMQ	113.8	308	ePKP	18 19 30.5	−1.2			
			PP	18 20 23.0	−5.5			
			PPMZ			16.0	0.40	
			LZ	$M_S = 5.3$		24.0	0.90	

JAN 28d 20h 40m 54.5 ± 0.06s, SD2.89 / 9
26.01 N ± 0.60km, 100.86 E ± 0.47km, h12 ± 0.11km
Yunnan Province (318)
M_L3.2 / 5,

KMI	1.9	116	−Pg	20 41 30.0	1.5			
			Sg	20 41 56.0	1.6			
			SMN	$M_L = 3.6$		1.0	0.53	
			SME			1.0	0.60	

JAN 28d 22h 24m 50.9 ± 0.05s, SD2.73 / 25
25.76 N ± 0.71km, 94.90 E ± 0.44km, h32 ± 0.03km
Burma–India border region (294)
M_S4.3 / 1, M_L3.8 / 1, m_b5.2 / 1

LSA	5.1	321	+iPn	22 26 11.0	4.4			
KMI	7.1	93	ePn	22 26 37.5	3.9			
CD2	9.3	55	P	22 27 05.2	−1.3			
GYA	10.6	84	P	22 27 23.4	−0.5			
LZH	12.8	35	eP	22 27 51.6	−1.6			
			PMZ	$m_b = 5.2$		1.0	0.040	
GTA	14.2	16	eP	22 28 11.0	−1.5			

JAN 28d 22h 28m 04.9 ± 0.04s, SD1.44 / 168
38.47 N ± 0.48km, 112.72 E ± 0.51km, h33 ± 0.13km
North–Eastern China (658)
M_S4.9 / 30, M_L5.4 / 14, m_b4.9 / 48

TIY	0.8	197	+iPg	22 28 20.0	0.1			
			Sg	22 28 29.5	−1.7			
HHC	2.5	340	−Pn	22 28 46.4	2.0			
			Pg	22 28 50.8	0.7			
			Sg	22 29 23.0	−2.0			
			SMN	$M_L = 5.4$		1.0	22.8	
			SME			1.0	22.9	
			LZ			10.0	17.8	
BTO	3.0	316	−iPn	22 28 53.0	2.5			
			Pg	22 28 58.0	0.2			
			Sg	22 29 36.0	−2.8			
			LN			3.0	12.9	
			LE			3.0	16.0	
BJI	3.1	59	Pn	22 28 53.5	1.5			
			Pg	22 29 02.0	2.0			
			Sn	22 29 28.0	−1.5			
			Sg	22 29 40.0	−2.7			
TIA	4.2	121	+Pn	22 29 08.3	1.7			
			Pg	22 29 19.3	0.6			
XAN	5.4	216	Pn	22 29 25.0	1.7			
			Pg	22 29 43.0	3.0			
			Sn	22 30 27.0	1.3			
			Sg	22 30 53.2	−0.4			
			SMN			3.0	14.7	
			SME			3.0	9.90	
			LN	$M_S = 4.9$		8.0	9.20	
			LE			8.0	6.70	
LZH	7.5	254	ePn	22 29 53.0	0.9			
			Pg	22 30 20.0	3.3			
			eSn	22 31 18.0	0.6			
			SMN	$M_L = 5.7$		1.5	2.74	
			SME			1.5	2.14	
			LE	$M_S = 4.7$		8.0	3.72	
			LZ	$M_S = 4.6$		14.0	5.30	
WHN	8.0	170	P	22 30 02.0	0.1			
			PMZ	$m_b = 5.5$		0.5	0.10	
			pP	22 30 08.0	−0.7			
			S	22 31 30.0	−2.2			
			SMN	$M_L = 5.7$		1.0	1.60	
			SME			1.5	2.60	
			LN	$M_S = 4.7$		10.0	4.40	
			LZ	$M_S = 4.4$		12.0	3.00	
NJ2	8.1	140	+P	22 30 02.6	−0.9			
			sP	22 30 11.0	−4.4			
			S	22 31 32.0	−3.0			
			SMN	$M_L = 5.3$		0.9	0.60	
			SME			1.0	1.10	
			LN	$M_S = 4.8$		11.0	4.30	
			LE			10.0	3.10	
			LZ	$M_S = 4.6$		12.0	4.70	
SNY	9.0	65	+P	22 30 13.7	−1.5			
			PMZ	$m_b = 5.4$		0.8	0.10	
			LE	$M_S = 4.6$		5.5	1.60	
			LZ	$M_S = 4.2$		15.0	2.00	
GTA	10.1	279	−iP	22 30 28.5	−2.5			
			PMZ	$m_b = 5.2$		0.8	0.050	
			S	22 32 20.6	−3.3			
			LN	$M_S = 5.1$		5.0	3.60	
			LZ	$M_S = 4.9$		7.0	3.80	
SSE	10.1	134	eP	22 30 30.5	−0.6			

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			SMN			1.0	0.15
			SME			1.0	0.19
			LN		$M_S = 4.6$	12.0	2.30
			LE			13.0	2.60
			LZ		$M_S = 4.7$	16.0	6.20
CD2	10.5	227	P	22 30 35.5	−1.4		
			LE			3.0	5.60
			LZ		$M_S = 5.1$	6.0	5.10
CN2	11.0	57	−P	22 30 41.4	−1.5		
			epP	22 30 47.0	−2.8		
			eS	22 32 44.0	−1.6		
			LN		$M_S = 4.7$	7.0	1.30
			LE			7.0	1.80
			LZ		$M_S = 4.9$	10.0	5.00
GYA	13.0	205	−iP	22 31 09.0	−1.4		
			PMZ		$m_b = 5.4$	1.6	0.10
			PP	22 31 19.0	−1.8		
			S	22 33 34.6	0.1		
			SMN			2.0	0.80
			SME			2.0	1.10
			LN		$M_S = 5.0$	8.0	1.90
			LE			8.0	3.00
			LZ		$M_S = 4.6$	14.0	2.80
MDJ	14.0	59	eP	22 31 23.6	−0.2		
			LN		$M_S = 4.4$	10.0	1.09
			LZ		$M_S = 4.4$	12.0	1.40
KMI	15.7	215	eP	22 31 47.0	0.9		
			PMZ		$m_b = 4.8$	1.2	0.050
			LN		$M_S = 5.0$	7.0	1.00
			LE			7.0	2.00
			LZ		$M_S = 4.9$	10.0	3.20
QZN	19.5	188	eP	22 32 33.8	1.3		
			eS	22 36 08.0	2.0		
			LN		$M_S = 5.0$	12.5	2.70
			LE			13.0	1.80
WMQ	19.6	294	+iP	22 32 33.5	0.6		
			sP	22 32 41.0	−4.4		
			LN		$M_S = 4.9$	9.0	2.00
			LZ		$M_S = 4.9$	14.0	3.40
LSA	19.9	250	P	22 32 34.5	−2.1		
			eS	22 36 18.5	4.6		
			LN		$M_S = 4.6$	9.0	0.90

JAN 29d 03h 13m 12.6 ± 0.03s, SD1.12 / 74
44.12 S ± 1.21km, 94.20 E ± 0.85km, h9 ± 0.22km
South−East Indian Ridge (435)
M_S5.5 / 7, m_B5.6 / 1, m_b5.2 / 14

KMI	69.4	8	−P	03 24 25.0	1.4		
			PMZ		$m_b = 5.3$	2.0	0.080
			LZ		$M_S = 5.2$	20.0	1.60
GYA	71.2	12	P	03 24 36.0	1.6		
			LZ		$M_S = 5.1$	18.0	0.90
LSA	73.5	357	P	03 24 47.6	−1.2		
			S	03 34 19.5	3.7		
			LZ		$M_S = 5.4$	16.0	1.80
CD2	75.2	8	P	03 24 58.4	0.4		
			eS	03 34 33.2	−2.9		
			sS	03 34 43.7	−1.2		
			LZ		$M_S = 5.4$	18.0	1.70
XAN	78.9	12	P	03 25 19.8	0.8		
			S	03 35 20.0	4.9		
LZH	80.3	8	−P	03 25 26.8	0.3		
			PMZ		$m_b = 5.2$	2.0	0.050
			PMZ		$m_B = 5.6$	6.0	0.43
			sP	03 25 37.0	2.7		
			ePP	03 28 34.0	4.4		
			eS	03 35 33.0	1.4		
			LE		$M_S = 5.1$	15.0	0.40
			LZ		$M_S = 5.0$	24.0	0.77
TIY	83.1	14	eP	03 25 40.3	−0.8		
			LN		$M_S = 5.6$	14.0	1.00
			LZ		$M_S = 5.3$	20.0	1.20
GTA	83.3	4	eP	03 25 43.3	1.2		
			PMZ		$m_b = 4.8$	1.2	0.010
			pP	03 25 47.5	0.2		
			eS	03 36 04.0	1.8		
			eSS	03 41 33.0	4.6		
			LE		$M_S = 5.5$	20.0	1.20
			LZ		$M_S = 5.1$	24.0	1.00
BTO	85.5	12	eP	03 25 53.0	−0.3		
			eS	03 36 23.0	−1.2		
			LN		$M_S = 5.5$	15.0	0.80
			LE			15.0	0.50
HHC	86.0	13	eP	03 25 55.8	0.1		
			LN		$M_S = 5.5$	18.0	0.80
			LE			14.0	0.40
			LZ		$M_S = 5.2$	28.0	1.50
BJI	86.1	17	eP	03 25 56.0	0.1		
			PMZ		$m_b = 5.2$	1.2	0.024
			LZ		$M_S = 5.2$	24.0	1.27
WMQ	87.7	355	−iP	03 26 04.2	0.2		
			iS	03 36 48.0	2.7		
			LN		$M_S = 5.5$	15.0	0.80
			LZ		$M_S = 4.9$	24.0	0.60
CN2	91.9	22	eP	03 26 24.2	0.8		
			epP	03 26 28.0	−0.7		
			eS	03 37 23.0	0.3		
			LZ		$M_S = 5.3$	20.0	1.20

JAN 29d 07h 11m 36.6 ± 0.03s, SD1.20 / 63
5.48 S ± 0.60km, 151.78 E ± 0.85km, h57 ± 0.15km
New Britain region (192)
m_b5.0 / 10,

XAN	56.4	317	P	07 21 14.6	−0.7		
TIY	56.4	323	eP	07 21 14.4	−1.1		
			LZ		$M_S = 4.8$	16.0	0.60
CD2	58.4	311	P	07 21 29.4	0.0		
LZH	61.0	317	eP	07 21 45.0	−2.4		
			PMZ		$m_b = 5.0$	2.0	0.036
			LZ		$M_S = 4.4$	20.0	0.29
GTA	65.5	318	P	07 22 17.0	0.3		
			PMZ		$m_b = 4.7$	1.0	0.010
LSA	67.8	305	P	07 22 31.0	−0.7		
WMQ	75.5	318	−iP	07 23 18.0	0.3		

JAN 29d 14h 11m 02.3 ± 0.04s, SD1.35 / 92
4.17 S ± 0.76km, 128.07 E ± 1.12km, h23 ± 0.03km
Banda Sea (280)
m_b5.3 / 17,

GYA	36.8	327	+iP	14 18 12.4	1.2		
WHN	36.9	340	eP	14 18 13.5	1.6		
			pP	14 18 21.5	2.1		
NJ2	37.1	347	eP	14 18 13.5	0.4		
KMI	38.1	321	+P	14 18 23.5	1.2		
			PMZ		$m_b = 5.3$	1.5	0.080
			sP	14 18 38.0	5.1		
CD2	41.9	328	P	14 18 53.7	0.4		
XAN	42.1	336	P	14 18 54.6	−0.2		
TIY	44.1	342	eP	14 19 10.1	−1.4		
LZH	46.0	332	−P	14 19 26.5	−0.2		
			PMZ		$m_b = 5.3$	1.8	0.076
			sP	14 19 40.0	2.6		
			LZ		$M_S = 4.4$	20.0	0.44
CN2	47.8	357	eP	14 19 41.6	1.0		
LSA	48.8	316	P	14 19 47.6	−1.5		
GTA	50.6	332	+P	14 20 01.7	−0.4		

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			PMZ	$m_b = 4.7$		1.0	0.010
			pP	14 20 07.7	−1.8		
			sP	14 20 13.8	1.0		
			LZ	$M_S = 4.5$		20.0	0.50
WMQ	60.0	327	−iP	14 21 09.5	−0.7		

JAN 29d 16h 03m 59.8 ± 0.06s, SD1.51 / 132
14.91 S ± 1.04km, 75.69 W ± 1.22km, h23 ± 0.43km
Off coast of Peru (114)
m_b5.0 / 21,

CN2	146.0	332	ePKP	16 23 37.0	−1.1		
WMQ	147.9	23	PKP	16 23 42.5	1.2		
SNY	148.4	332	ePKP	16 23 43.0	1.0		
BJI	152.9	340	ePKP	16 23 50.0	1.2		
HHC	153.4	348	PKP	16 23 51.4	1.7		
GTA	155.3	8	ePKP	16 23 53.6	1.4		
			LZ	$M_S = 5.3$		20.0	0.40
TIY	156.2	344	ePKP	16 23 55.1	1.8		
			LZ	$M_S = 5.4$		20.0	0.50
LZH	158.9	1	ePKP	16 23 56.0	−1.0		
			PP	16 28 13.0	−2.7		
			PPMZ			2.0	0.040
			LZ	$M_S = 5.2$		24.0	0.41
XAN	160.5	348	PKP	16 24 00.5	1.9		
CD2	164.1	2	ePKP	16 24 04.6	2.4		

JAN 29d 22h 46m 39.9 ± 0.06s, SD1.29 / 213
12.91 N ± 0.62km, 90.84 W ± 0.67km, h46 ± 0.70km
Off coast of Central America (76)
m_b5.0 / 55,

HHC	122.6	340	PKP	23 05 33.2	1.5		
WMQ	123.5	1	PKP	23 05 34.6	1.2		
			LZ	$M_S = 5.0$		40.0	0.70
TIY	125.1	337	ePKP	23 05 37.5	1.1		
SSE	126.5	326	ePKP	23 05 38.5	−0.5		
GTA	127.0	350	ePKP	23 05 41.2	1.0		
			LZ	$M_S = 5.2$		28.0	0.70
LZH	129.3	345	−PKP	23 05 46.0	1.4		
			sPKP	23 05 58.0	−5.0		
			LZ	$M_S = 4.8$		35.0	0.32
XAN	129.7	339	PKP	23 05 46.0	0.9		
WHN	130.5	331	ePKP	23 05 48.5	1.9		
GYA	137.3	337	PKP	23 06 01.4	1.8		
LSA	137.6	357	ePKP	23 06 01.0	0.6		

JAN 30d 07h 43m 41.8 ± 0.04s, SD1.04 / 114
64.42 N ± 0.61km, 20.86 W ± 0.63km, h10 ± 0.11km
Iceland region (637)
m_B5.5 / 1, m_b5.1 / 43,

WMQ	58.6	54	eP	07 53 41.4	−0.4		
			LZ	$M_S = 4.7$		15.0	0.40
BJI	70.5	34	eP	07 54 59.0	−0.6		
			LZ	$M_S = 4.8$		16.0	0.41
LZH	70.9	45	eP	07 55 02.0	0.3		
			PMZ	$m_b = 5.0$		2.0	0.036
			PMZ	$m_B = 5.5$		5.0	0.29
			pP	07 55 11.0	3.9		
TIY	71.8	37	eP	07 55 07.9	0.6		
			LZ	$M_S = 4.8$		20.0	0.50
XAN	74.3	42	P	07 55 21.8	0.0		

JAN 30d 11h 17m 02.8 ± 0.05s, SD1.24 / 71
7.30 S ± 0.87km, 106.72 E ± 1.02km, h33 ± 0.06km
Java (277)
m_b5.0 / 17,

GYA	33.6	360	P	11 23 43.2	0.8		
CD2	38.1	356	P	11 24 20.4	−0.4		
LSA	39.7	339	eP	11 24 34.2	−0.5		
NJ2	40.8	16	+P	11 24 46.3	3.0		
XAN	41.2	3	P	11 24 46.2	−0.1		
LZH	43.2	357	−P	11 25 04.0	0.6		
			PMZ	$m_b = 4.9$		1.5	0.028
TIY	45.1	6	eP	11 25 18.8	0.5		
GTA	46.9	353	+P	11 25 33.2	0.5		
			PMZ	$m_b = 5.0$		1.0	0.020
BJI	47.9	10	eP	11 25 42.0	1.6		
			PMZ	$m_b = 5.0$		0.6	0.013
SNY	51.3	16	eP	11 26 05.2	−0.9		
			PMZ	$m_b = 4.7$		1.0	0.010
CN2	53.6	17	+iP	11 26 22.7	−1.0		
			PMZ	$m_b = 5.5$		0.8	0.050
			PcP	11 27 29.0	−0.2		
WMQ	53.7	343	P	11 26 24.0	−0.5		

JAN 30d 12h 29m 15.8 ± 0.07s, SD1.26 / 27
6.10 S ± 0.39km, 130.50 E ± 0.19km, h145 ± 0.89km
Banda Sea (280)
m_b4.9 / 6,

XAN	44.8	334	P	12 37 17.1	−0.5		
GTA	53.4	331	P	12 38 23.4	−0.2		
			PMZ	$m_b = 4.8$		0.6	0.010
WMQ	62.9	326	P	12 39 30.0	0.5		
			PMZ	$m_b = 4.9$		0.5	0.010

JAN 31d 00h 08m 45.7 ± 0.07s, SD2.31 / 38
34.86 N ± 0.77km, 124.18 E ± 1.08km, h23 ± 0.35km
Yellow Sea (665)
M_S4.2 / 5, M_L4.4 / 17, m_b4.6 / 8

SSE	4.5	215	Pn	00 09 54.5	1.2		
			Pg	00 10 10.0	4.4		
			Sn	00 10 43.5	−3.6		
			Sg	00 11 05.0	−2.4		
			SMN	$M_L = 4.5$		1.2	0.70
			SME			1.0	0.79
			LE	$M_S = 4.4$		4.0	1.90
			LZ	$M_S = 3.4$		12.0	0.50
DL2	4.5	334	Pn	00 09 54.0	0.5		
			Pg	00 10 12.5	6.7		
			Sg	00 11 05.5	−2.3		
			SMN	$M_L = 4.5$		0.8	0.70
			SME			0.8	0.90
NJ2	5.3	239	−Pn	00 10 04.0	0.5		
			−Pg	00 10 23.0	4.4		
			Sg	00 11 30.0	−0.6		
			SMN	$M_L = 4.5$		1.0	0.50
			SME			1.0	0.60
TIA	5.9	285	ePn	00 10 13.7	1.2		
			ePg	00 10 34.0	3.8		
			Sg	00 11 50.0	−1.0		
			SMN	$M_L = 4.5$		1.2	0.40
			SME			1.0	0.30
			SMZ	$M_L = 4.7$		1.2	0.40
SNY	7.0	356	ePn	00 10 28.5	1.4		
			Sg	00 12 25.0	0.7		
			LN	$M_S = 3.3$		10.0	0.20
			LE			14.8	0.20
BJI	8.2	311	P	00 10 50.5	4.0		
			S	00 12 25.0	5.8		
			SMN	$M_L = 4.1$		1.0	0.049
			SME			0.8	0.047
CN2	9.0	6	eP	00 11 00.4	3.0		
			LN	$M_S = 3.9$		8.0	0.40
			LE			8.0	0.20
			LZ	$M_S = 4.1$		8.0	0.90
MDJ	10.6	21	eP	00 11 20.0	0.4		
			LN	$M_S = 4.6$		6.0	1.30

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XAN	12.6	271	eP	00 11 44.4	−2.8			
LZH	16.6	280	eP	00 12 42.5	3.2			
			PMZ	m_b=4.4		1.3	0.024	
			sP	00 12 50.0	0.7			
			LZ	M_S=3.7		14.0	0.25	
GYA	17.2	246	P	00 12 51.2	4.3			
CD2	17.6	263	P	00 12 50.6	−0.9			
GTA	19.9	290	eP	00 13 19.6	0.2			
			PMZ	m_b=4.7		0.6	0.020	

JAN 31d 02h 13m 31.6±0.04s, SD1.29/209
0.55 N±0.64km, 126.08 E±0.99km, h36±0.01km
Molucca Passage (266)
M_S5.2/35, m_B5.5/6, m_b5.6/59

QZN	24.3	320	eP	02 18 45.5	−1.7			
			sP	02 19 02.0	1.2			
			eS	02 22 56.0	−5.3			
			LN	M_S=5.2		17.0	4.00	
			LE			15.0	1.70	
QZH	25.3	344	eP	02 18 56.5	−0.3			
			S	02 23 18.0	0.7			
			LN	M_S=5.3		24.0	6.10	
			LE			24.0	6.10	
			LZ	M_S=5.2		24.0	8.80	
SSE	30.7	352	+P	02 19 47.0	1.1			
			PMZ	m_b=5.3		1.5	0.073	
			PMZ	m_B=5.7		4.0	0.50	
			S	02 24 40.0	−4.5			
			LN	M_S=5.1		20.0	1.90	
			LE			20.0	2.90	
			LZ	M_S=5.1		20.0	3.70	
GYA	31.8	326	P	02 19 55.8	0.0			
			PMZ	m_b=5.4		1.4	0.10	
			PP	02 21 03.0	2.0			
			PcP	02 22 47.0	1.5			
			S	02 25 05.0	3.2			
			SS	02 26 56.0	2.0			
			ScP	02 26 28.2	3.5			
			ScS	02 30 26.4	4.8			
			LN	M_S=5.1		15.0	1.30	
			LE			15.0	1.60	
			LZ	M_S=4.9		22.0	2.80	
WHN	31.8	341	+P	02 19 57.0	1.3			
			sP	02 20 10.5	1.0			
			LN	M_S=5.4		23.0	6.30	
			LZ	M_S=4.9		26.0	2.90	
KMI	33.3	319	−P	02 20 08.5	0.1			
			PMZ	m_b=6.0		1.5	0.34	
			sP	02 20 22.5	0.6			
			eS	02 25 24.0	−1.5			
			LZ	M_S=5.3		22.0	6.50	
CD2	36.9	327	P	02 20 38.0	−1.0			
			PMZ	m_b=5.6		1.0	0.10	
			PP	02 22 02.8	−2.0			
			S	02 26 17.0	−3.0			
			sS	02 26 31.3	−5.8			
			LE	M_S=5.2		13.0	1.90	
			LZ	M_S=5.4		12.0	4.00	
XAN	37.0	336	−iP	02 20 38.5	−1.5			
			pP	02 20 52.5	2.9			
			LN	M_S=5.2		12.0	1.00	
			LE			12.0	1.60	
DL2	38.4	354	P	02 20 52.0	0.4			
			PMZ	m_b=5.7		1.4	0.19	
			sP	02 21 05.0	−0.5			
			S	02 26 43.0	0.0			
			LN	M_S=5.1		12.0	0.70	
			LE			13.0	1.20	
			LZ	M_S=4.8		26.0	2.00	
TIY	39.1	343	eP	02 20 56.3	−1.0			
			PMZ	m_b=5.5		0.7	0.060	
			S	02 26 56.0	2.8			
			LZ	M_S=5.1		27.0	3.60	
BJI	40.3	348	eP	02 21 07.0	−0.7			
			PMZ	m_b=5.5		1.2	0.085	
			eScP	02 26 59.0	3.3			
			eS	02 27 08.0	−5.1			
			LN	M_S=4.8		11.0	0.57	
			LZ	M_S=5.2		28.0	4.47	
LZH	40.9	332	−P	02 21 13.5	0.4			
			PMZ	m_b=5.8		1.8	0.25	
			PMZ	m_B=5.5		6.0	0.50	
			pP	02 21 23.5	0.9			
			sP	02 21 27.0	0.2			
			PP	02 22 48.0	−2.6			
			PcP	02 23 14.5	1.8			
			ScP	02 27 01.5	3.3			
			PcS	02 27 04.5	2.1			
			eS	02 27 20.0	−2.7			
			ScS	02 31 16.5	4.6			
			LN	M_S=5.5		16.0	3.37	
			LE			15.0	2.42	
			LZ	M_S=5.5		22.0	6.75	
SNY	41.1	357	+iP	02 21 14.4	−0.1			
			PMZ	m_b=6.3		1.4	0.70	
			pP	02 21 24.0	−0.3			
			sP	02 21 28.0	−0.5			
			LN	M_S=5.3		17.0	1.90	
			LE			19.0	1.70	
			LZ	M_S=5.2		24.0	3.60	
HHC	42.2	344	+P	02 21 24.3	0.9			
			sP	02 21 38.0	0.7			
			LN	M_S=5.2		12.0	0.80	
			LE			12.0	1.10	
			LZ	M_S=5.3		25.0	5.50	
BTO	42.4	342	eP	02 21 26.0	0.7			
			LN	M_S=5.3		17.0	2.20	
			LE			17.0	1.30	
CN2	43.1	359	eP	02 21 30.0	−0.2			
			PMZ	m_b=5.4		1.0	0.060	
			PMZ	m_B=5.5		5.0	0.40	
			pP	02 21 42.0	1.9			
			PcP	02 23 20.0	0.3			
			ScP	02 27 06.0	−0.6			
			eS	02 27 52.0	−1.5			
			eSS	02 30 58.0	−1.8			
			LN	M_S=4.8		15.0	0.60	
			LE			15.0	0.40	
			LZ	M_S=5.3		20.0	4.20	
MDJ	44.0	4	+P	02 21 37.4	−0.3			
LSA	44.1	314	iP	02 21 38.2	−1.0			
			S	02 28 07.5	−0.3			
			SME			5.0	0.40	
			LZ	M_S=5.3		40.0	8.10	
GTA	45.5	331	eP	02 21 49.0	−1.1			
			PMZ	m_b=5.4		1.0	0.060	
			PMZ	m_B=5.5		4.0	0.29	
			pP	02 21 55.6	−4.2			
			sP	02 21 59.6	−4.3			
			PcP	02 23 29.0	0.9			
			ScP	02 27 20.4	3.8			
			PcS	02 27 24.0	3.2			
			eS	02 28 26.0	−3.3			
			ScS	02 31 42.0	1.9			
			LN	M_S=5.6		15.0	1.50	
			LE			16.0	3.20	

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		LZ		M_S=5.5		24.0	6.10
WMQ	55.0	327	P	02 23 01.4	−0.7		
			PMZ	m_b=5.7		1.0	0.10
			PcP	02 24 03.5	0.8		
			ScP	02 28 00.0	3.2		
			S	02 30 38.0	−0.9		
			SMN			6.0	0.40
			ScS	02 32 45.0	1.0		
			LN	M_S=5.7		18.0	3.10
			LE			18.0	2.20
			LZ	M_S=5.3		23.0	3.20

JAN 31d 07h 48m 58.3±0.03s, SD0.95/118
7.39 S±0.48km, 127.97 E±0.89km, h146±0.07km
Banda Sea (280)
m_b5.2/25,

QZH	33.4	344	eP	07 55 25.5	0.1		
SSE	38.8	351	+P	07 56 11.3	0.4		
			PMZ	m_b=5.1		1.5	0.061
GYA	39.5	329	+iP	07 56 17.8	1.2		
WHN	39.9	342	+P	07 56 22.0	2.0		
			PMZ	m_b=5.4		1.4	0.10
			sP	07 57 04.0	−4.7		
NJ2	40.2	348	+P	07 56 23.0	0.9		
			PMZ	m_b=5.4		0.7	0.060
KMI	40.6	324	eP	07 56 28.0	2.1		
CD2	44.6	330	P	07 56 58.2	0.2		
XAN	45.0	337	+P	07 57 00.5	−0.7		
BJI	48.4	348	eP	07 57 27.5	−0.6		
			PMZ	m_b=5.2		1.2	0.047
LZH	48.8	334	+iP	07 57 32.0	0.6		
			PMZ	m_b=5.2		2.0	0.078
			pP	07 58 04.5	0.5		
SNY	49.1	356	+P	07 57 32.5	−1.1		
CN2	51.0	358	P	07 57 46.7	−1.1		
LSA	51.1	318	P	07 57 49.0	0.0		
MDJ	51.8	1	eP	07 57 51.0	−2.6		
GTA	53.4	333	+iP	07 58 05.5	0.0		
			PMZ	m_b=5.3		0.6	0.030
			PcP	07 59 11.2	1.1		
WMQ	62.6	328	P	07 59 10.0	−0.1		
			pP	07 59 46.8	2.5		

JAN 31d 23h 03m 33.0±0.03s, SD1.23/579
36.04 N±1.04km, 70.40 E±0.56km, h141±0.24km
Hindu Kush region (718)
m_B6.5/27, m_b6.3/116,

KSH	5.6	50	+iP	23 04 57.5	2.1		
			eS	23 05 59.0	0.1		
			LN			6.0	163
WMQ	15.4	54	+iP	23 07 02.5	−1.2		
			PMZ	m_B=6.3		8.0	11.1
			sP	23 07 40.0	−1.8		
			LN			6.0	118
LSA	18.5	104	iP	23 07 42.4	0.6		
			SMN			7.0	71.8
			LE			8.0	24.8
GTA	23.5	73	+iP	23 08 33.3	2.2		
			PMZ	m_b=6.3		1.7	1.95
			PMZ	m_B=6.9		5.0	24.5
			PP	23 09 12.0	2.7		
			SS	23 13 31.0	1.6		
			LE			5.5	52.1
			LZ			20.0	64.9
LZH	27.0	80	+iP	23 09 05.0	1.1		
			PMZ	m_b=6.6		1.5	2.26
			PMZ			14.0	17.5
			pP	23 09 37.0	4.2		
			sP	23 09 52.0	2.5		
			iS	23 13 33.0	3.6		
			LN			15.0	30.5
			LZ			20.0	58.3
CD2	28.2	91	+iP	23 09 15.6	0.6		
			S	23 13 53.0	4.7		
			LZ			20.0	93.6
KMI	29.8	102	+P	23 09 28.5	−0.5		
			PMZ	m_b=6.4		2.5	2.07
			S	23 14 08.0	−4.8		
BTO	31.2	69	−iP	23 09 43.2	1.3		
			PMZ	m_b=6.5		1.2	1.20
XAN	31.5	82	+iP	23 09 43.4	−0.5		
			PMZ	m_b=6.0		1.0	0.30
			PMZ	m_B=6.5		4.0	4.10
			pP	23 10 18.0	4.5		
			PP	23 10 56.0	3.7		
			PcP	23 12 30.0	−3.1		
			S	23 14 41.0	1.4		
			sS	23 15 33.0	0.1		
			LN			12.0	36.3
			LE			12.0	26.3
GYA	32.3	97	+iP	23 09 51.0	0.0		
			PMZ	m_b=6.5		1.4	1.30
			PMZ			3.0	2.50
			S	23 14 56.0	3.6		
			LN			16.0	38.2
			LE			16.0	26.7
			LZ			20.0	23.4
HHC	32.4	69	+iP	23 09 52.5	0.6		
			PMZ	m_B=6.6		6.0	6.20
			PP	23 11 05.0	1.2		
			S	23 15 00.0	6.1		
			LN			8.0	26.8
			LE			10.0	31.4
			LZ			16.0	47.5
TIY	33.5	74	+iP	23 10 01.0	−0.2		
			PMZ	m_b=6.9		1.6	3.40
			PMZ			3.0	8.40
			sP	23 10 47.5	0.0		
			iS	23 15 14.0	2.2		
			sS	23 16 04.5	0.4		
			LN			8.0	22.3
			LE			9.0	20.7
			LZ			15.0	24.0
BJI	36.0	69	+P	23 10 23.0	0.7		
			PMZ	m_b=6.4		1.5	1.27
			PMZ	m_B=6.5		5.0	5.18
			eS	23 15 55.0	4.9		
			LN			15.0	37.1
WHN	36.9	86	+iP	23 10 31.5	1.3		
			PMZ	m_b=6.6		1.5	1.90
			PMZ	m_B=6.2		7.0	3.20
			ipP	23 11 04.0	3.2		
			isP	23 11 20.0	2.9		
			iPcP	23 12 50.0	1.4		
			iS	23 16 06.0	1.7		
			sS	23 17 00.0	2.3		
			LN			12.0	17.9
			LE			13.0	25.1
			LZ			32.0	38.3
TIA	37.5	76	+P	23 10 35.7	0.9		
			LN			12.0	26.8
			LZ			35.0	36.6
QZN	38.6	105	+P	23 10 42.9	−1.1		
			pP	23 11 14.0	−0.7		
			S	23 16 22.5	−6.0		
			LN			9.0	16.0

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			LE				9.0	10.5
GZH	39.2	97	+iP	23 10 50.4		1.0		
			PMZ		$m_b = 6.6$		1.0	1.10
			PMZ		$m_B = 6.8$		6.5	11.4
			iS	23 16 42.0		2.7		
			LE				15.0	15.1
			LZ				32.0	40.0
NJ2	40.0	81	+iP	23 10 57.0		0.9		
			PMZ		$m_b = 6.6$		1.2	1.30
			PMZ		$m_B = 6.6$		6.0	6.70
			pP	23 11 31.0		4.1		
			PP	23 12 32.0		−1.7		
			S	23 16 50.0		−0.3		
			sS	23 17 43.0		−2.1		
			LN				15.0	25.5
			LE				15.0	23.8
			LZ				21.0	16.9
DL2	40.3	70	+iP	23 10 59.5		0.9		
			PMZ		$m_B = 6.8$		6.0	10.8
			S	23 16 58.0		3.1		
			LN				12.0	19.7
			LE				12.0	10.1
			LZ				27.0	18.7
SNY	41.2	65	+iP	23 11 05.6		−0.3		
			PMZ		$m_b = 6.2$		1.4	0.70
			iS	23 17 04.0		−5.0		
			LE				12.0	23.8
			LZ				26.0	49.8
SSE	42.2	82	+P	23 11 14.0		−0.1		
			PMZ		$m_b = 6.8$		1.5	2.93
			PMZ		$m_B = 6.8$		6.0	10.2
			pP	23 11 48.0		2.9		
			sP	23 12 02.0		0.7		
			PP	23 12 52.0		−4.3		
			PcP	23 13 00.0		−5.6		
			S	23 17 26.0		3.3		
			sS	23 18 20.0		2.2		
			ScS	23 21 02.0		3.8		
			LN				14.0	22.4
			LE				12.0	18.6
			LZ				20.0	38.6
CN2	42.2	62	+iP	23 11 14.0		−0.4		
			PMZ		$m_b = 6.0$		1.0	0.30
			PMZ		$m_B = 6.5$		6.0	5.40
			S	23 17 23.0		−0.2		
QZH	42.6	91	+iP	23 11 17.0		−0.1		
			PMZ		$m_B = 6.5$		6.0	5.70
			pP	23 11 50.0		1.9		
			iS	23 17 28.0		−1.1		
			isS	23 18 24.0		0.6		
			LZ				36.0	59.4
MDJ	45.1	60	+P	23 11 36.0		−0.9		
			PMZ		$m_b = 6.8$		2.0	3.25
			sS	23 19 00.0		0.6		
			LZ				20.0	39.7