

BULETIN GEMPABUMI DAN TSUNAMI

TAHUN 2023



BMKG

BADAN METEOROLOGI KLIMATOLOGI DAN GEOFISIKA

STASIUN GEOFISIKA PASURUAN

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KATA PENGANTAR

Puji syukur kehadiran Tuhan Yang Maha Esa. Badan Meterologi Klimatologi dan Geofisika (BMKG). Stasiun Geofisika Pasuruan dapat menerbitkan buletin gempabumi tahunan sebagai salah satu produk informasi geofisika yang dipublikasikan oleh Stasiun Geofisika Pasuruan.

Buletin tahunan gempabumi Stasiun Geofisika Pasuruan tahun 2023 ini disusun berdasarkan hasil analisa terhadap kejadian gempabumi menggunakan software analisa SEISCOMP 3. Besar harapan kami agar buletin ini dapat memenuhi kebutuhan masyarakat dalam hal pelayanan informasi gempabumi beserta seluruh parameternya.

Sebagai akhir kata kami ucapkan terima kasih kepada seluruh rekan kerja di Stasiun Geofisika Pasuruan yang telah bekerjasama untuk penerbitan buletin ini. Semoga publikasi ini bermanfaat bagi stakeholder dan masyarakat pada umumnya.

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DAFTAR ISTILAH

No	Istilah	Penjelasan
1	Gempabumi signifikan	: Gempabumi yang terjadi di suatu tempat dan menimbulkan getaran/guncangan hingga dirasakan oleh masyarakat luas
2	Date	: tanggal terjadinya Gempabumi
3	Origin time	: waktu terjadinya Gempabumi dalam universal time (skala pembagian waktu berdasarkan rotasi Bumi. mengacu pada Greenwich Mean Time/GMT)
4	Epicenter	: lokasi pusat Gempabumi pada permukaan Bumi sebagai hasil proyeksi tegak lurus dari hiposenter
5	Hiposenter	: sumber Gempabumi pada kedalaman tertentu di dalam Bumi (km)
6	Latitude (lat.)	: koordinat lintang tempat terjadinya Gempabumi (°). lintang selatan (-). lintang utara (tanpa tanda -)
7	Longitude (lon.)	: koordinat bujur tempat terjadinya Gempabumi (°)
8	Depth	: kedalaman hiposenter Gempabumi dinyatakan dalam km (kilometer)
9	Magnitudo (mag.)	: kekuatan Gempabumi dalam Skala Richter (SR)
10	Skala Richter	: ukuran kekuatan Gempabumi yang dihitung dari besarnya energi yang dilepaskan dari sumber Gempabumi tersebut (SR)
11	TMAG	: satuan magnitudo
12	M_B	: magnitudo menggunakan gelombang badan
13	M_L	: magnitudo menggunakan gelombang lokal
14	M_W	: magnitudo menggunakan momen seismik
15	S_{maj}	: jarak stasiun terjauh dari epicenter. dalam derajat (°)
16	S_{min}	: jarak stasiun terdekat dari epicenter. dalam derajat (°)
17	Azimuth	: jarak terbesar antar stasiun pencatat. dalam derajat (°)
18	RMS	: kesalahan dalam waktu tersisa.
19	cPhase	: jumlah stasiun pencatat Gempabumi yang digunakan dalam menentukan hiposenter
20	Remarks	: lokasi Gempabumi dirasakan

Klasifikasi Gempabumi

1. Klasifikasi Gempabumi berdasarkan magnitudo

No.	Klasifikasi Gempabumi	Magnitudo (SR)
1	Gempabumi Hebat (<i>great</i>)	$M > 8,0$
2	Gempabumi Besar (<i>major</i>)	7,0 – 7,9
3	Gempabumi Kuat (<i>strong</i>)	6,0 – 6,9
4	Gempabumi Sedang (<i>moderate</i>)	5,0 – 5,9
5	Gempabumi Ringan (<i>light</i>)	4,0 – 4,9
6	Gempabumi Kecil (<i>minor</i>)	3,0 – 3,9

(Sumber: Michigan Technological University)

2. Klasifikasi Gempabumi berdasarkan kedalaman hiposenter

No.	Klasifikasi	Kedalaman
1	Gempabumi Dangkal	($h < 60$ km)
2	Gempabumi Menengah	($60 \leq h \leq 300$)
3	Gempabumi Dalam	($h > 300$ km)

BAB I PENDAHULUAN

1.1 Latar Belakang

Stasiun Geofisika Pasuruan mulai melaksanakan pengamatan gempabumi pada tahun 1975. Lokasinya terletak di Desa Ledug Kecamatan Prigen Kabupaten Pasuruan pada koordinat $07^{\circ} 42' 14''$ LS – $112^{\circ} 38' 06''$ BT dengan ketinggian 832 m di atas permukaan laut di lereng Gunung Welirang dengan udara yang sejuk serta kondisi alam yang berbukit-bukit. Pengamatan gempabumi dilakukan secara terus-menerus selama 24 jam dalam sehari dan 7 hari dalam seminggu. Peralatan pengamatan gempabumi pertama yang digunakan adalah seismograph analog periode pendek satu komponen atau biasa disebut *seismograph type SPS-1* buatan Kinometrics Amerika Serikat. Kemudian pada tahun 1993 dilengkapi dengan seismograph jinjing atau *Portable Seismograph type PS-2*, yang digunakan untuk melakukan survey seismik dan pengamatan gempabumi susulan yang terjadi setelah terjadinya gempabumi besar / merusak.

Pada tahun 1991 Stasiun Geofisika Pasuruan ditambah dengan peralatan gempabumi seismograph periode panjang 3 komponen dan tahun 1996 peralatan tersebut ditingkatkan kemampuannya (upgrade) menjadi seismograph digital serta dilengkapi dengan perangkat lunak TREMORS (*Tsunami Risk Evaluations through seismik Moment from a Real time Systems*) yaitu suatu perangkat lunak yang digunakan untuk menentukan parameter gempabumi serta menentukan apakah suatu gempabumi berpotensi tsunami atau tidak. Pada tahun 2004 kemampuan pengamatan dan pengolahan gempabumi ditingkatkan kembali dengan melakukan upgrade seismograph digital periode panjang dan TREMORS. Setahun kemudian pemerintah Perancis membantu pemerintah Indonesia dalam rangka memperkuat jaringan pengamatan gempabumi sehubungan dengan telah terjadinya gempabumi merusak yang disertai tsunami yang sangat besar di Aceh yang menimbulkan korban jiwa lebih dari 200 ribu jiwa. Salah satu bantuannya berupa seperangkat peralatan pengamatan gempabumi yaitu digital seismograph periode pendek tiga komponen, yang ditempatkan di Stasiun Geofisika Pasuruan. Kemudian pada tahun 2009, dilengkapi lagi dengan peralatan survey *Digital Portable Seismograph TDL-303S*. Pada Bulan Mei tahun 2012, Stasiun Geofisika Pasuruan telah dilengkapi dengan peralatan *TDS Stasioner 5.0*. Pada Bulan November 2013 diadakan uji coba penambahan software JISVIEW untuk pengamatan gempabumi multi stasiun dan pada Bulan Desember 2013 mulai dilakukan analisa gempabumi menggunakan software JISVIEW.

Pada Bulan Desember 2015 dilakukan instalasi software baru Seiscomp3 yang selanjutnya digunakan sebagai software analisa utama. SeiscomP merupakan sistem analisis gempa bumi handal yang telah dikembangkan oleh GEOFON/GFZ Jerman. Semula SeiscomP di-*design* sebagai alat akuisisi data secara otomatis dan pengolahan data *real-time*, yang meliputi kendali mutu, pendeteksian, penentuan lokasi dan alarm gempa bumi.

Sistem Seiscomp3 sendiri terdiri dari 4 bagian utama yaitu :

1. TRACE VIEW

Sebuah *system* yang berfungsi sebagai system akuisisi utama sinyal gempa bumi pada Seiscomp3. *Trace view* juga digunakan untuk menampilkan sinyal yang diterima.

2. EVENT VIEW

Sebuah sistem yang berfungsi menampilkan parameter gempa bumi serta (peta) lokasi sumber gempa bumi. *Event view* juga berfungsi sebagai penghasil *Event Log* dan mengaktifkan alarm berupa *Text to Speech* pada saat terdeteksi event baru.

3. RESUME VIEW

Sebuah system yang dapat melakukan proses pertukaran informasi info gempa bumi dan *Warning Tsunami* antara pusat – balai wilayah – regional di lingkup kerja Badan Meteorologi, Klimatologi dan Geofisika menggunakan jalur komunikasi *Virtual Private Networking* (VPN)

4. CLIENT PRO

Sebagai *system review* interaktif bagi operator yang hasilnya diperoleh dari proses otomatis *Server Master Pro*.

Client Pro juga berfungsi sebagai pengendali proses desiminasi informasi gempa bumi dan *warning tsunami* yang dikirim ke *Resume View* di setiap regional / balai wilayah dan di BMKG Pusat.

Buletin tahunan gempa bumi dan tsunami ini merupakan hasil analisa gempa bumi yang tercatat di jaringan *Broadband Seismograph* yang dianalisa dengan *software Seiscomp3*. Jaringan *Broadband Seismograph* yang masuk di Stasiun Geofisika Pasuruan ada 50 sensor dengan rata-rata tiap bulan data sinyal sensor yang masuk kurang lebih 30 sinyal.

1.2 Tujuan

Tujuan diterbitkannya publikasi ini adalah untuk menginformasikan lebih jauh tentang produk BMKG pada umumnya dan khususnya Stasiun Geofisika Pasuruan (BMKG Pasuruan), utamanya informasi tentang gempa bumi dan tsunami yang terjadi di Jawa Timur, DIY dan Jawa Tengah. Disamping itu juga dimaksudkan agar masyarakat melalui pemerintah daerah masing-masing dapat lebih memahami kondisi kegempabumian di wilayahnya agar dapat meningkatkan kesiapsiagaan dalam menghadapi bencana gempa bumi dan tsunami.

Penerbitan publikasi ini juga dimaksudkan sebagai bahan pertanggungjawaban evaluasi perencanaan yang akan datang. Mengenai sistem monitoring, processing, diseminasi serta produk dan layanan informasi geofisika agar dapat menjembatani kebutuhan pemerintah daerah terkait dengan gempa bumi dan tsunami untuk perencanaan pembangunan di wilayahnya dengan ketersediaan informasi dari BMKG Stasiun Geofisika Pasuruan.

BAB II

AKTIVITAS GEMPABUMI DAN TSUNAMI

2.1 Tinjauan Singkat (*Overview*)

Jawa Timur dan sekitarnya, secara tektonik merupakan kawasan dengan tingkat aktivitas kegempabumian yang cukup tinggi di Indonesia. Kondisi ini disebabkan karena daerahnya yang berdekatan dengan zona tumbukan lempeng di Samudera Indonesia. Di samping sangat rawan gempa bumi akibat aktivitas tumbukan lempeng tektonik, daerah Jawa Timur juga sangat rawan gempa bumi akibat aktivitas sesar-sesar lokal di daratan. Kondisi tektonik semacam ini menjadikan daerah Jawa Timur dan sekitarnya sebagai kawasan seismik aktif dan kompleks.

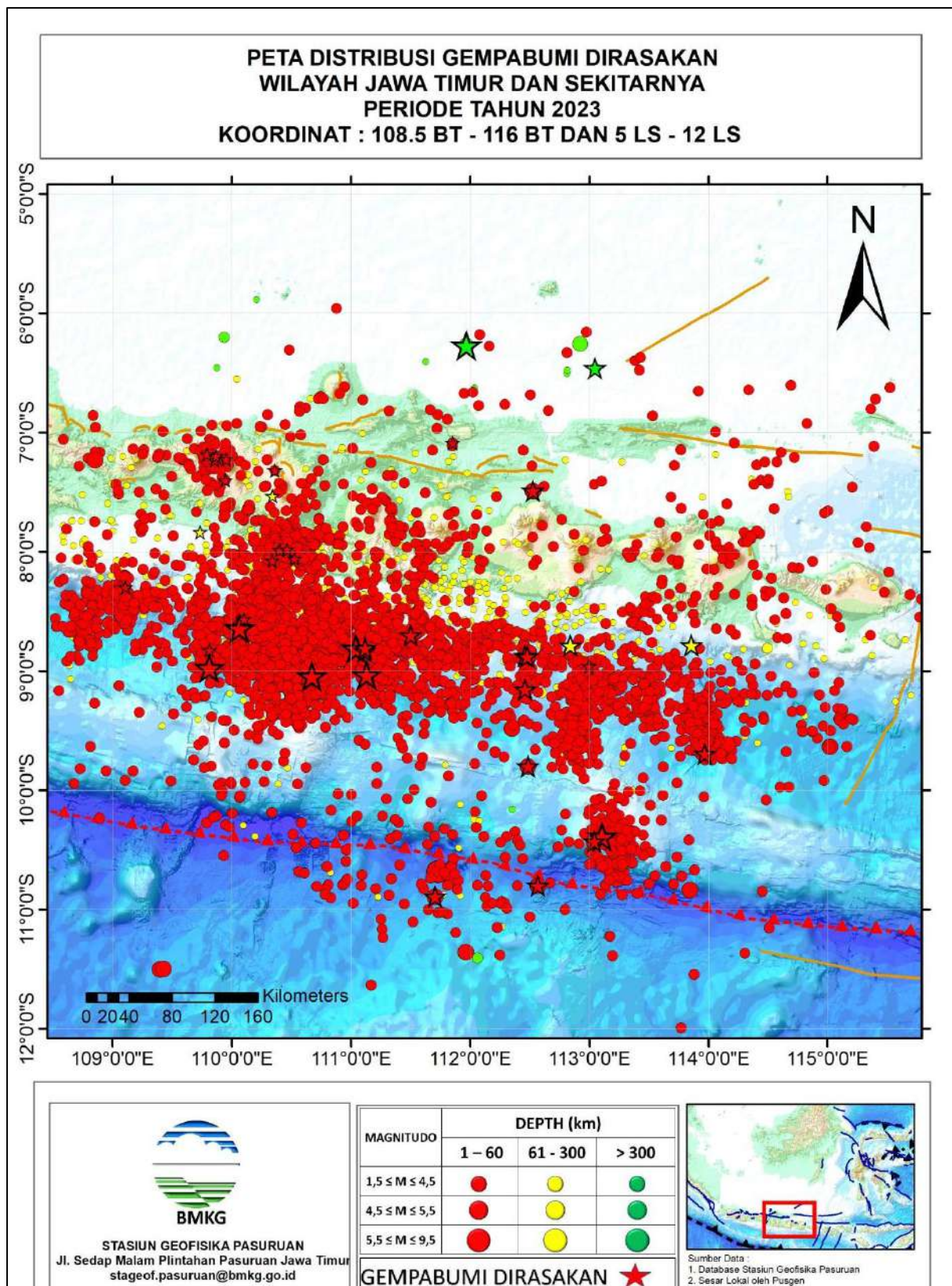
Sepanjang tahun 2023 Stasiun Geofisika Pasuruan telah melakukan pengamatan dan analisa gempa bumi yang tercatat di Stasiun Geofisika Pasuruan adalah 5290 kejadian gempa bumi. Aktivitas kegempaan di wilayah Jawa Timur selama tahun 2023 sebanyak 3362 kejadian gempa bumi dan aktivitas kegempaan di luar wilayah Jawa Timur yang teranalisa di Stasiun geofisika pasuruan sebanyak 1928 kejadian gempa bumi. Sedangkan untuk gempa bumi yang signifikan / dirasakan ada 39 gempa bumi dengan 1 kejadian gempa bumi yang mengakibatkan kerusakan di Kabupaten Ponorogo. Gempa bumi dengan magnitudo 6.4 kemudian di update menjadi Magnitudo 6.0, terjadi pada tanggal 30 Juni 2023 pada pukul 19:57:43 WIB. Pusat gempa bumi berada di laut 86 km barat daya Bantul, DIY pada kedalaman 25 km. Gempa bumi tersebut menimbulkan guncangan dengan intensitas II - V MMI. Skala III – IV MMI dirasakan di Kabupaten Magetan, Madiun, Jember, Kediri, Ponorogo, Malang, Tuban, sedangkan skala II – III MMI dirasakan di Bangkalan, Surabaya, Blitar, Lumajang, Banyuwangi, Lamongan, Nganjuk, Bojonegoro, Gresik dan Tulungagung.

Dari gempa bumi yang terjadi di tahun 2023 ini baik yang terasa maupun tidak terasa tidak ada gempa bumi yang menimbulkan tsunami baik di wilayah Jawa Timur dan sekitarnya.

2.2. Aktivitas Seismisitas

Secara geografis Pulau Jawa bagian selatan yang berbatasan langsung dengan Samudera Hindia, di mana terdapat pertemuan dua lempeng raksasa yaitu Lempeng Indoaustralia dan Lempeng Eurasia. Pertemuan kedua lempeng tersebut tepat berada di selatan Pulau Jawa sampai dengan barat Pulau Sumatera. Akibat pertemuan kedua lempeng tersebut terbentuklah daerah subduksi di mana Lempeng Indoaustralia menunjam di bawah Lempeng Eurasia. Dalam hal ini Lempeng Indo-Australia yang menunjam ke bawah Lempeng Eurasia dengan laju sekitar 70 mm/tahun. Pada batas maksimal dari pertemuan kedua lempeng tersebut energi tekanan akan dilepaskan dalam bentuk gelombang gempabumi. Sehingga pada daerah subduksi sering terjadi gempabumi dengan kekuatan sedang sampai kuat karena energi yang tersimpan di dalamnya sangat besar karena melibatkan massa yang sangat besar.

Hasil analisa aktivitas tektonik selama tahun 2023 dapat kami sajikan dalam angka – angka statistik sebagai berikut. Untuk klasifikasi gempabumi berdasarkan kedalaman, gempabumi dangkal (kedalaman $0 < 60$ km) 1988 kejadian dan untuk gempabumi menengah ($60 - 300$ km) sebanyak 283 kejadian dan untuk gempabumi dalam (> 300 km) sebanyak 12 kejadian. Berdasarkan klasifikasi besarnya kekuatan gempabumi (magnitudo) didominasi gempabumi kecil ($2 < M < 3$) dengan jumlah sebanyak 1119 kejadian, magnitudo ($3 < M < 4$) dengan jumlah sebanyak 955 kejadian, gempabumi ringan magnitudo ($4 < M < 5$) dengan jumlah sebanyak 188 kejadian, gempabumi sedang ($5 < M < 6$) dengan jumlah sebanyak 20 kejadian dan gempabumi kuat ($6 < M < 7$) dengan jumlah sebanyak 1 kejadian.



Gambar 2.1. Peta aktivitas gempabumi tahun 2023

2.3 Statistik Gempabumi

Berikut data statistik gempabumi di wilayah Jawa Timur dan sekitarnya yang tercatat dan dianalisa oleh Tim Stasiun Geofisika Pasuruan.

Tabel 2.1. Jumlah kejadian gempabumi per bulan

Bulan	Jumlah Kejadian Gempabumi
Januari	347
Februari	389
Maret	392
April	444
Mei	374
Juni	404
Juli	454
Agustus	454
September	424
Oktober	533
November	433
Desember	642
Jumlah	5290



Gambar 2.2. Histogram jumlah kejadian gempabumi per bulan

Tabel 2.2. Jumlah gempa bumi per bulan berdasarkan magnitudo

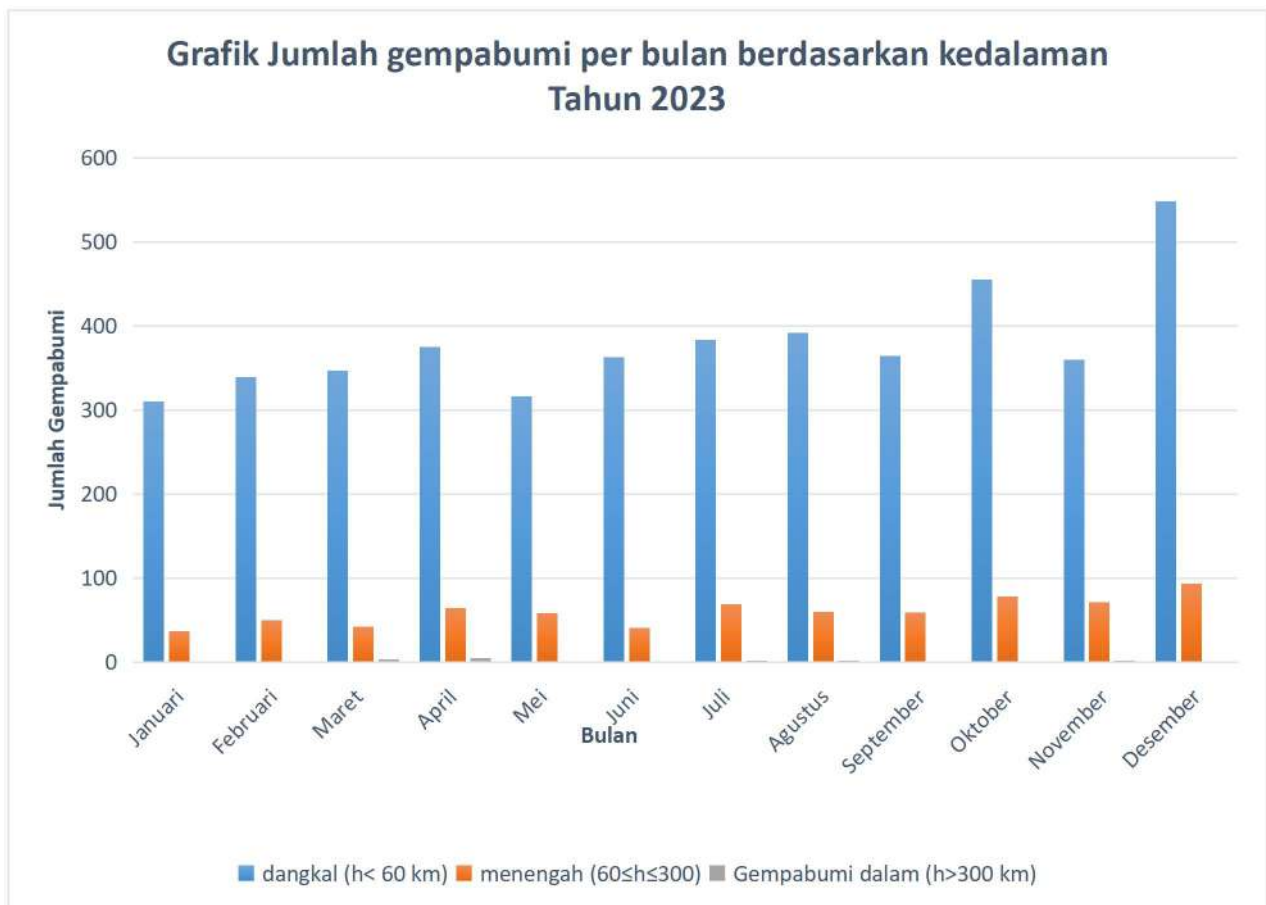
Bulan	Magnitudo							Jumlah
	<2.9	3.0 – 3.9	4.0 – 4.9	5.0 – 5.9	6.0 – 6.9	7.0 – 7.9	>8.0	
Januari	222	107	13	5				347
Februari	236	142	11					389
Maret	261	115	13	3				392
April	335	98	8	2	1			444
Mei	261	98	15					374
Juni	241	150	11		2			404
Juli	285	157	10	2				454
Agustus	274	156	22	2				454
September	317	93	14					424
Oktober	425	99	6	3				533
November	350	73	9	1				433
Desember	527	109	5	1				642
Jumlah	3734	1397	137	19	3			5290



Gambar 2.3. Histogram jumlah gempa bumi per bulan berdasarkan magnitudo

Tabel 2.3. Jumlah gempabumi per bulan berdasarkan kedalaman hiposenter

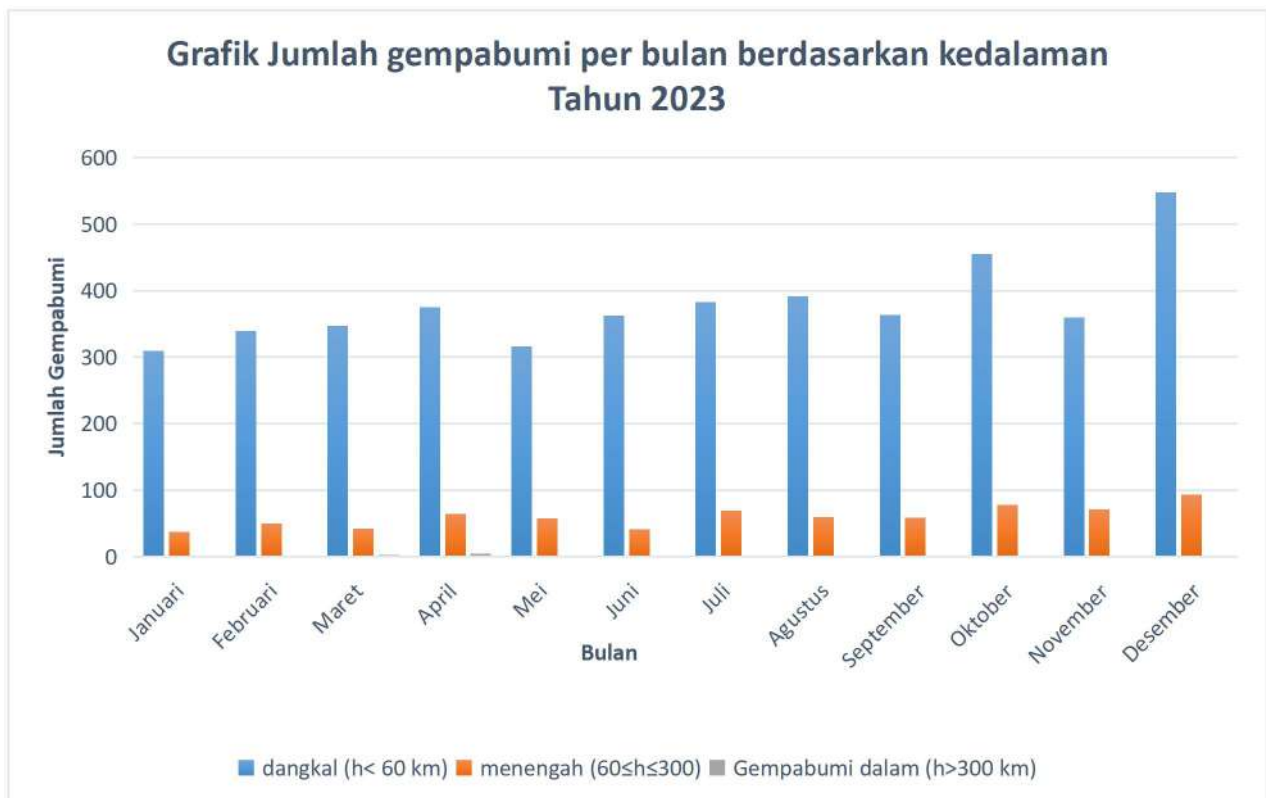
Bulan	Gempabumi dangkal ($h < 60$ km)	Gempabumi menengah ($60 \leq h \leq 300$)	Gempabumi dalam ($h > 300$ km)	Jumlah
Januari	310	37		347
Februari	339	50		389
Maret	347	42	3	392
April	375	64	5	444
Mei	316	58		374
Juni	363	41		404
Juli	383	69	2	454
Agustus	392	60	2	454
September	364	59	1	424
Oktober	455	78		533
November	360	71	2	433
Desember	548	93	1	642
Jumlah	4552	722	16	5290



Gambar 2.4. Histogram jumlah gempabumi per bulan berdasarkan kedalaman

Tabel 2.4. Jumlah gempabumi per bulan berdasarkan dirasakan dan tidak dirasakan

Bulan	Gempabumi Dirasakan	Gempabumi Tidak dirasakan	Jumlah
Januari	9	338	347
Februari	2	387	389
Maret	4	388	392
April	1	443	444
Mei	5	369	374
Juni	5	399	404
Juli	3	451	454
Agustus	5	449	454
September		424	424
Oktober	3	530	533
November	1	432	433
Desember	1	641	642
Jumlah	39	5251	5290



Gambar 2.5. Histogram jumlah gempabumi per bulan berdasarkan dirasakan dan tidak dirasakan

Tabel 2.5. Jumlah gempa bumi berdasarkan magnitudo

Magnitudo	Jumlah Gempabumi
2.0 – 2.9	3734
3.0 – 3.9	1397
4.0 – 4.9	137
5.0 – 5.9	19
6.0 – 6.9	3
7.0 – 7.9	-
>8.0	-



Gambar 2.6. Histogram jumlah gempa bumi berdasarkan magnitudo

Tabel 2.6. Jumlah gempabumi berdasarkan kedalaman hiposenter

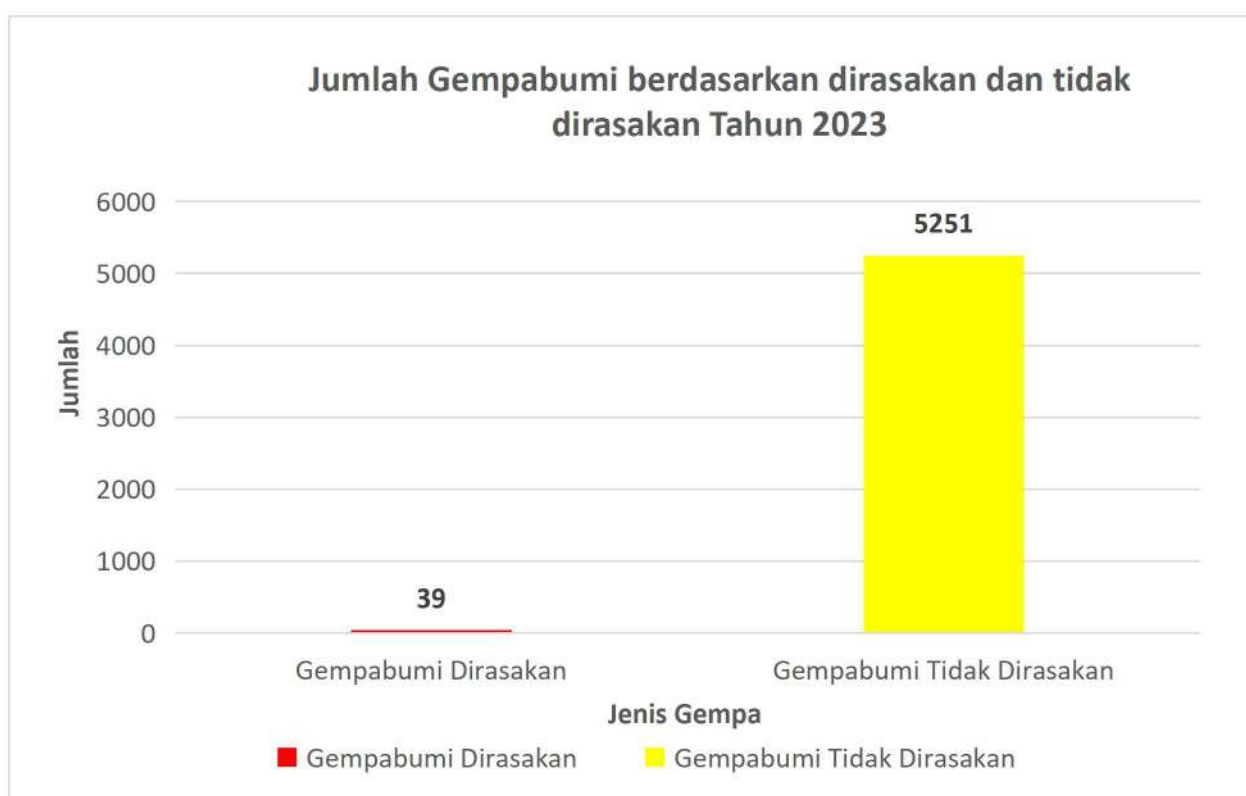
Kedalaman Gempabumi	Jumlah Gempabumi
Gempabumi dangkal ($h < 30$ km)	4552
Gempabumi menengah ($60 \leq h \leq 300$)	722
Gempabumi dalam ($h > 300$ km)	16



Gambar 2.7. Histogram jumlah gempabumi kedalaman hiposenter

Tabel 2.7. Jumlah gempabumi berdasarkan dirasakan dan tidak dirasakan

Jenis Gempabumi	Jumlah
Gempabumi Dirasakan	39
Gempabumi Tidak Dirasakan	5251



Gambar 2.8. Histogram jumlah gempabumi dirasakan dan tidak dirasakan

BAB III

BULETIN GEMPABUMI DAN TSUNAMI

Hasil analisa data gempabumi dengan *software* Seiscomp3 di Stasiun Geofisika Pasuruan selama Tahun 2023. Gempabumi yang tercatat sebanyak 5290 kejadian dengan distribusi data sebagai berikut :

No	Date	OT (UTC)	LAT	LON	DEPTH	MAG	REGION
1	2023-01-01	11:53:31	8.8650 S	110.7241 E	6 km	3.0	Java, Indonesia
2	2023-01-01	14:15:20	9.2013 S	109.6527 E	10 km	3.4	South of Java, Indonesia
3	2023-01-01	15:16:57	9.4133 S	113.7484 E	10 km	2.9	South of Java, Indonesia
4	2023-01-01	16:00:38	9.1356 S	110.6954 E	10 km	3.2	South of Java, Indonesia
5	2023-01-01	18:06:17	9.1745 S	112.9026 E	13 km	3.4	South of Java, Indonesia
6	2023-01-01	20:32:57	9.1550 S	110.0711 E	10 km	3.2	South of Java, Indonesia
7	2023-01-02	04:58:31	8.8058 S	111.4007 E	10 km	2.9	Java, Indonesia
8	2023-01-02	10:27:08	9.0854 S	111.2796 E	12 km	3.2	South of Java, Indonesia
9	2023-01-02	12:58:43	10.3331 S	113.3407 E	10 km	3.8	South of Java, Indonesia
10	2023-01-02	14:43:23	9.2570 S	111.8562 E	10 km	3.4	South of Java, Indonesia
11	2023-01-02	14:58:56	8.6482 S	110.4891 E	10 km	2.9	Java, Indonesia
12	2023-01-02	16:49:50	8.6346 S	112.5982 E	105 km	4.0	Java, Indonesia
13	2023-01-02	18:06:58	9.0908 S	110.0520 E	11 km	3.2	South of Java, Indonesia
14	2023-01-02	21:34:26	9.1306 S	114.6526 E	35 km	2.8	South of Bali, Indonesia
15	2023-01-02	23:55:21	8.2050 S	108.0485 E	20 km	5.0	Java, Indonesia
16	2023-01-03	00:41:39	8.9194 S	109.5025 E	10 km	3.2	Java, Indonesia
17	2023-01-03	07:48:06	9.2800 S	110.4638 E	10 km	3.1	South of Java, Indonesia
18	2023-01-03	11:39:58	8.4094 S	108.9152 E	55 km	2.9	Java, Indonesia
19	2023-01-03	14:04:42	8.6916 S	110.2470 E	14 km	2.8	Java, Indonesia
20	2023-01-03	15:48:05	9.3568 S	112.3286 E	29 km	3.2	South of Java, Indonesia
21	2023-01-03	19:34:19	8.7599 S	110.1080 E	10 km	3.1	Java, Indonesia
22	2023-01-03	23:09:34	8.2322 S	111.5756 E	10 km	2.3	Java, Indonesia
23	2023-01-04	04:21:08	10.4682 S	113.1379 E	10 km	4.5	South of Java, Indonesia
24	2023-01-04	05:22:00	10.3481 S	113.1912 E	10 km	3.6	South of Java, Indonesia

25	2023-01-04	05:24:24	10.3722 S	113.2139 E	10 km	4.0	South of Java, Indonesia
26	2023-01-04	08:38:35	8.8226 S	111.6081 E	73 km	2.9	Java, Indonesia
27	2023-01-04	09:51:31	10.3771 S	113.2362 E	10 km	4.0	South of Java, Indonesia
28	2023-01-04	12:16:36	8.4341 S	112.1589 E	110 km	2.7	Java, Indonesia
29	2023-01-04	12:40:51	8.4609 S	111.2131 E	21 km	3.0	Java, Indonesia
30	2023-01-04	18:40:19	7.6415 S	112.0674 E	180 km	2.7	Java, Indonesia
31	2023-01-04	21:45:19	10.5049 S	113.0297 E	10 km	4.1	South of Java, Indonesia
32	2023-01-04	23:15:41	6.8537 S	111.7284 E	28 km	2.9	Java, Indonesia
33	2023-01-05	17:02:05	8.6571 S	108.7097 E	10 km	3.5	Java, Indonesia
34	2023-01-05	17:52:25	8.8304 S	109.7743 E	13 km	3.2	Java, Indonesia
35	2023-01-06	01:03:26	8.3534 S	108.9225 E	10 km	3.2	Java, Indonesia
36	2023-01-06	01:59:52	8.7764 S	111.2344 E	45 km	2.8	Java, Indonesia
37	2023-01-06	07:12:29	8.7554 S	110.9707 E	82 km	2.8	Java, Indonesia
38	2023-01-06	12:13:49	8.8482 S	112.6271 E	9 km	2.9	Java, Indonesia
39	2023-01-06	13:05:29	10.0754 S	113.0931 E	10 km	3.6	South of Java, Indonesia
40	2023-01-06	22:27:53	10.8051 S	112.5693 E	10 km	4.8	South of Java, Indonesia
41	2023-01-06	23:31:13	10.5270 S	113.2028 E	10 km	3.6	South of Java, Indonesia
42	2023-01-07	03:42:07	9.1909 S	113.8423 E	7 km	2.9	South of Java, Indonesia
43	2023-01-07	10:54:20	9.0492 S	111.1867 E	9 km	2.7	South of Java, Indonesia
44	2023-01-07	11:21:03	9.2618 S	110.3450 E	10 km	3.0	South of Java, Indonesia
45	2023-01-07	15:33:25	10.0911 S	113.2909 E	10 km	3.2	South of Java, Indonesia
46	2023-01-07	16:14:11	10.2344 S	113.1835 E	10 km	3.6	South of Java, Indonesia
47	2023-01-07	21:31:16	8.3452 S	110.1873 E	8 km	2.4	Java, Indonesia
48	2023-01-07	22:20:30	9.3713 S	110.6387 E	10 km	2.7	South of Java, Indonesia
49	2023-01-08	00:40:30	8.3605 S	115.6930 E	28 km	3.6	Bali Region, Indonesia
50	2023-01-08	03:21:14	8.6311 S	109.3296 E	15 km	2.7	Java, Indonesia
51	2023-01-08	05:01:01	8.9266 S	109.8925 E	15 km	2.7	Java, Indonesia
52	2023-01-08	09:23:08	10.6993 S	111.6851 E	10 km	3.6	South of Java, Indonesia
53	2023-01-08	11:20:48	8.9133 S	110.7683 E	15 km	2.5	Java, Indonesia
54	2023-01-08	11:27:36	9.0514 S	110.7892 E	85 km	2.8	South of Java, Indonesia

55	2023-01-08	12:06:29	9.8011 S	109.8266 E	10 km	3.4	South of Java, Indonesia
56	2023-01-08	14:07:17	8.8190 S	110.2079 E	16 km	2.6	Java, Indonesia
57	2023-01-08	14:21:23	8.8418 S	110.8680 E	63 km	2.5	Java, Indonesia
58	2023-01-08	15:00:06	9.1841 S	111.5024 E	10 km	2.7	South of Java, Indonesia
59	2023-01-08	16:04:27	9.1331 S	110.2487 E	10 km	2.7	South of Java, Indonesia
60	2023-01-08	22:04:28	9.2718 S	113.0072 E	14 km	2.8	South of Java, Indonesia
61	2023-01-08	22:41:07	7.9871 S	110.4035 E	6 km	3.2	Java, Indonesia
62	2023-01-09	09:17:39	8.6674 S	110.9054 E	25 km	2.8	Java, Indonesia
63	2023-01-09	12:26:30	9.0371 S	111.1301 E	10 km	5.7	South of Java, Indonesia
64	2023-01-09	12:35:17	8.7784 S	109.7933 E	10 km	3.0	Java, Indonesia
65	2023-01-09	12:36:28	8.8685 S	111.0700 E	10 km	2.6	Java, Indonesia
66	2023-01-09	13:10:58	8.8862 S	111.0524 E	10 km	2.6	Java, Indonesia
67	2023-01-09	14:02:05	8.8019 S	111.2655 E	28 km	2.7	Java, Indonesia
68	2023-01-09	15:20:43	7.2823 S	112.5204 E	8 km	2.2	Java, Indonesia
69	2023-01-09	15:25:38	8.9616 S	111.2036 E	9 km	2.7	Java, Indonesia
70	2023-01-09	16:05:44	8.8536 S	111.0589 E	10 km	2.7	Java, Indonesia
71	2023-01-09	17:30:04	8.9050 S	111.0338 E	10 km	2.7	Java, Indonesia
72	2023-01-09	20:19:27	8.2555 S	108.7881 E	47 km	3.3	Java, Indonesia
73	2023-01-09	20:43:37	9.0870 S	111.1993 E	10 km	3.0	South of Java, Indonesia
74	2023-01-09	20:52:35	7.9911 S	110.5920 E	7 km	1.8	Java, Indonesia
75	2023-01-10	00:36:11	11.1961 S	111.8792 E	10 km	4.0	South of Java, Indonesia
76	2023-01-10	00:47:54	8.8781 S	111.1687 E	47 km	2.7	Java, Indonesia
77	2023-01-10	03:25:13	8.5936 S	113.3539 E	10 km	3.1	Java, Indonesia
78	2023-01-10	05:39:50	9.7766 S	112.9271 E	10 km	3.3	South of Java, Indonesia
79	2023-01-10	05:57:57	9.2099 S	115.6984 E	85 km	3.5	South of Bali, Indonesia
80	2023-01-10	06:58:39	9.0231 S	111.2748 E	10 km	2.9	South of Java, Indonesia
81	2023-01-10	09:31:02	8.8529 S	111.1470 E	20 km	2.6	Java, Indonesia
82	2023-01-10	11:55:49	10.4141 S	113.3445 E	10 km	3.4	South of Java, Indonesia
83	2023-01-10	16:12:19	8.8431 S	112.5167 E	39 km	2.7	Java, Indonesia
84	2023-01-10	20:20:44	8.5157 S	108.7328 E	79 km	3.0	Java, Indonesia

85	2023-01-11	03:26:31	8.7879 S	110.4712 E	4 km	2.6	Java, Indonesia
86	2023-01-11	04:41:32	9.0359 S	113.3213 E	30 km	2.7	South of Java, Indonesia
87	2023-01-11	07:16:22	7.9167 S	108.7494 E	98 km	2.9	Java, Indonesia
88	2023-01-11	15:35:45	8.6824 S	110.4883 E	18 km	2.5	Java, Indonesia
89	2023-01-11	15:41:22	8.7457 S	110.0817 E	10 km	2.7	Java, Indonesia
90	2023-01-11	17:01:00	7.1788 S	111.5394 E	253 km	2.9	Java, Indonesia
91	2023-01-11	17:25:42	8.0492 S	111.4481 E	110 km	2.3	Java, Indonesia
92	2023-01-11	17:48:13	8.2536 S	111.6120 E	104 km	2.2	Java, Indonesia
93	2023-01-11	19:03:38	9.3179 S	110.7907 E	14 km	3.3	South of Java, Indonesia
94	2023-01-12	00:36:04	9.2316 S	112.4653 E	10 km	2.8	South of Java, Indonesia
95	2023-01-12	01:27:48	8.3205 S	110.0297 E	106 km	2.9	Java, Indonesia
96	2023-01-12	03:56:31	8.7975 S	112.3747 E	102 km	2.8	Java, Indonesia
97	2023-01-12	09:24:35	9.0019 S	110.4527 E	10 km	2.8	South of Java, Indonesia
98	2023-01-12	10:19:29	8.8647 S	111.1051 E	16 km	2.5	Java, Indonesia
99	2023-01-12	12:55:40	8.9137 S	111.2746 E	13 km	2.5	Java, Indonesia
100	2023-01-12	13:47:22	8.8884 S	109.9561 E	10 km	2.7	Java, Indonesia
101	2023-01-12	14:02:25	8.9496 S	111.1851 E	12 km	2.6	Java, Indonesia
102	2023-01-12	14:26:36	9.4379 S	114.0134 E	10 km	2.9	South of Bali, Indonesia
103	2023-01-12	18:11:11	9.3938 S	113.4952 E	10 km	3.1	South of Java, Indonesia
104	2023-01-12	21:29:59	8.8278 S	110.9976 E	19 km	3.0	Java, Indonesia
105	2023-01-12	22:07:53	8.9545 S	112.6760 E	38 km	2.8	Java, Indonesia
106	2023-01-13	02:44:42	9.2660 S	113.9205 E	10 km	3.4	South of Java, Indonesia
107	2023-01-13	03:01:59	8.3719 S	114.3542 E	111 km	2.5	Bali Region, Indonesia
108	2023-01-13	05:38:09	8.7274 S	110.7945 E	18 km	2.5	Java, Indonesia
109	2023-01-13	07:22:04	9.0264 S	111.1811 E	11 km	2.8	South of Java, Indonesia
110	2023-01-13	07:25:32	8.2191 S	108.9001 E	73 km	2.7	Java, Indonesia
111	2023-01-13	09:13:40	8.8983 S	111.1331 E	36 km	2.8	Java, Indonesia
112	2023-01-13	10:04:10	9.2316 S	110.4872 E	10 km	2.8	South of Java, Indonesia
113	2023-01-13	10:21:07	8.8530 S	111.1402 E	20 km	2.5	Java, Indonesia
114	2023-01-13	11:42:59	9.4179 S	110.5142 E	10 km	3.5	South of Java, Indonesia

115	2023-01-13	11:46:43	7.2332 S	109.8575 E	8 km	3.4	Java, Indonesia
116	2023-01-13	12:35:09	9.3100 S	110.5911 E	10 km	2.8	South of Java, Indonesia
117	2023-01-13	13:01:59	8.7633 S	110.6455 E	15 km	2.6	Java, Indonesia
118	2023-01-13	14:49:47	9.3553 S	110.4344 E	15 km	2.9	South of Java, Indonesia
119	2023-01-13	17:49:04	7.9410 S	110.4677 E	25 km	1.8	Java, Indonesia
120	2023-01-13	18:53:48	9.2605 S	110.5947 E	10 km	2.9	South of Java, Indonesia
121	2023-01-13	22:22:49	8.8662 S	110.3324 E	64 km	2.7	Java, Indonesia
122	2023-01-14	12:13:03	8.3840 S	109.2207 E	39 km	2.8	Java, Indonesia
123	2023-01-14	12:37:44	8.5172 S	111.7292 E	103 km	2.9	Java, Indonesia
124	2023-01-14	13:10:20	8.1677 S	111.0603 E	94 km	2.0	Java, Indonesia
125	2023-01-14	16:26:31	9.2141 S	109.7635 E	5 km	3.4	South of Java, Indonesia
126	2023-01-14	18:01:49	9.0713 S	111.2101 E	12 km	2.9	South of Java, Indonesia
127	2023-01-14	18:18:26	9.0165 S	111.2141 E	15 km	3.0	South of Java, Indonesia
128	2023-01-14	20:31:12	9.2327 S	113.9936 E	10 km	2.7	South of Java, Indonesia
129	2023-01-15	00:08:44	8.4760 S	108.8418 E	42 km	3.2	Java, Indonesia
130	2023-01-15	02:43:22	7.8461 S	108.1304 E	86 km	3.6	Java, Indonesia
131	2023-01-15	04:20:38	9.0960 S	110.7885 E	13 km	3.0	South of Java, Indonesia
132	2023-01-15	13:48:37	8.5779 S	110.8092 E	16 km	2.6	Java, Indonesia
133	2023-01-15	14:04:56	9.1184 S	111.8334 E	10 km	3.2	South of Java, Indonesia
134	2023-01-15	17:48:49	9.1603 S	109.5795 E	10 km	3.2	South of Java, Indonesia
135	2023-01-15	18:08:41	8.8554 S	110.4272 E	11 km	2.8	Java, Indonesia
136	2023-01-15	20:15:11	8.4710 S	108.8725 E	22 km	3.3	Java, Indonesia
137	2023-01-15	23:58:18	8.6982 S	112.3430 E	35 km	2.8	Java, Indonesia
138	2023-01-16	01:54:40	11.0037 S	111.6508 E	10 km	4.0	South of Java, Indonesia
139	2023-01-16	02:28:57	9.5914 S	113.7660 E	10 km	2.7	South of Java, Indonesia
140	2023-01-16	12:06:06	9.0378 S	111.6775 E	10 km	3.0	South of Java, Indonesia
141	2023-01-16	15:29:41	7.1149 S	111.8505 E	8 km	2.7	Java, Indonesia
142	2023-01-16	15:52:19	9.0853 S	110.2729 E	10 km	2.9	South of Java, Indonesia
143	2023-01-16	15:59:47	8.3174 S	110.1219 E	6 km	2.7	Java, Indonesia
144	2023-01-16	16:44:34	10.5855 S	113.1875 E	10 km	4.4	South of Java, Indonesia

145	2023-01-16	18:07:10	10.7905 S	113.7073 E	10 km	3.9	South of Java, Indonesia
146	2023-01-16	18:12:51	7.4376 S	113.0399 E	11 km	2.5	Java, Indonesia
147	2023-01-16	20:23:28	8.3283 S	108.7800 E	35 km	2.9	Java, Indonesia
148	2023-01-16	20:46:37	9.9510 S	110.3899 E	78 km	3.4	South of Java, Indonesia
149	2023-01-16	22:48:08	7.9449 S	110.6428 E	150 km	1.7	Java, Indonesia
150	2023-01-17	00:41:21	8.4981 S	110.7681 E	2 km	2.5	Java, Indonesia
151	2023-01-17	01:54:03	8.2006 S	111.4920 E	9 km	2.5	Java, Indonesia
152	2023-01-17	04:36:12	9.1558 S	112.4600 E	10 km	5.2	South of Java, Indonesia
153	2023-01-17	04:59:44	7.9644 S	110.5714 E	5 km	1.6	Java, Indonesia
154	2023-01-17	06:58:47	7.3757 S	109.9192 E	14 km	2.4	Java, Indonesia
155	2023-01-17	10:15:52	9.2493 S	112.8449 E	21 km	3.1	South of Java, Indonesia
156	2023-01-17	11:35:58	8.0805 S	110.6326 E	10 km	1.7	Java, Indonesia
157	2023-01-17	13:22:05	7.8366 S	110.5050 E	16 km	1.7	Java, Indonesia
158	2023-01-17	19:18:42	8.7912 S	114.9049 E	71 km	3.2	Bali Region, Indonesia
159	2023-01-18	01:46:19	9.4498 S	114.0739 E	15 km	3.1	South of Bali, Indonesia
160	2023-01-18	02:39:19	9.3675 S	110.3357 E	10 km	3.0	South of Java, Indonesia
161	2023-01-18	09:24:51	8.9416 S	110.9718 E	9 km	2.8	Java, Indonesia
162	2023-01-18	10:17:45	8.5696 S	111.2386 E	11 km	2.8	Java, Indonesia
163	2023-01-18	10:25:58	8.6171 S	111.2733 E	10 km	2.7	Java, Indonesia
164	2023-01-18	12:38:24	8.6500 S	110.0854 E	23 km	2.8	Java, Indonesia
165	2023-01-18	16:10:48	10.8954 S	111.7081 E	10 km	5.3	South of Java, Indonesia
166	2023-01-18	16:27:54	10.6841 S	111.7299 E	10 km	5.6	South of Java, Indonesia
167	2023-01-18	16:43:48	9.3893 S	111.4338 E	3 km	3.1	South of Java, Indonesia
168	2023-01-18	17:07:04	9.3163 S	111.5588 E	10 km	3.1	South of Java, Indonesia
169	2023-01-18	17:21:27	8.6707 S	110.9072 E	31 km	2.8	Java, Indonesia
170	2023-01-18	19:22:44	9.4873 S	112.9306 E	10 km	2.9	South of Java, Indonesia
171	2023-01-18	20:13:48	9.4712 S	113.9785 E	10 km	3.7	South of Java, Indonesia
172	2023-01-18	21:54:44	10.6394 S	111.8346 E	10 km	3.6	South of Java, Indonesia
173	2023-01-19	02:33:22	8.6281 S	113.4491 E	1 km	2.6	Java, Indonesia
174	2023-01-19	04:40:10	9.6314 S	112.1102 E	10 km	3.1	South of Java, Indonesia

175	2023-01-19	05:00:26	9.1073 S	111.9695 E	10 km	3.2	South of Java, Indonesia
176	2023-01-19	05:22:46	8.0750 S	110.5918 E	3 km	1.5	Java, Indonesia
177	2023-01-19	05:35:05	8.0869 S	110.0056 E	69 km	2.4	Java, Indonesia
178	2023-01-19	05:38:51	7.8804 S	110.5053 E	5 km	1.4	Java, Indonesia
179	2023-01-19	06:28:55	8.7310 S	110.3994 E	10 km	2.6	Java, Indonesia
180	2023-01-19	06:44:17	7.9685 S	110.5729 E	5 km	1.6	Java, Indonesia
181	2023-01-19	11:39:45	10.7743 S	111.8268 E	10 km	3.8	South of Java, Indonesia
182	2023-01-19	12:57:12	8.9397 S	110.3047 E	6 km	3.0	Java, Indonesia
183	2023-01-19	13:30:01	7.4914 S	112.2104 E	173 km	2.9	Java, Indonesia
184	2023-01-19	18:10:00	8.5032 S	113.3514 E	10 km	2.1	Java, Indonesia
185	2023-01-19	18:33:28	7.8623 S	110.5408 E	22 km	1.4	Java, Indonesia
186	2023-01-19	18:56:38	8.5469 S	110.9730 E	16 km	2.8	Java, Indonesia
187	2023-01-20	04:20:34	8.3085 S	112.2849 E	112 km	2.8	Java, Indonesia
188	2023-01-20	10:59:24	9.8112 S	109.7702 E	10 km	3.6	South of Java, Indonesia
189	2023-01-20	12:49:10	7.1856 S	109.7932 E	5 km	2.0	Java, Indonesia
190	2023-01-20	15:05:52	10.6237 S	111.8493 E	10 km	3.8	South of Java, Indonesia
191	2023-01-20	16:51:27	8.7962 S	111.4329 E	14 km	2.7	Java, Indonesia
192	2023-01-20	19:24:27	8.8202 S	109.7366 E	5 km	2.9	Java, Indonesia
193	2023-01-20	20:47:54	8.7813 S	110.4008 E	10 km	2.7	Java, Indonesia
194	2023-01-21	02:02:51	9.0266 S	110.1119 E	10 km	2.8	South of Java, Indonesia
195	2023-01-21	02:43:50	8.3584 S	110.6886 E	89 km	2.2	Java, Indonesia
196	2023-01-21	03:54:40	8.2477 S	110.8136 E	15 km	2.1	Java, Indonesia
197	2023-01-21	09:56:49	8.8093 S	110.5664 E	10 km	2.6	Java, Indonesia
198	2023-01-21	10:46:04	10.4268 S	113.2894 E	10 km	3.8	South of Java, Indonesia
199	2023-01-21	14:13:49	8.7331 S	111.1320 E	28 km	2.6	Java, Indonesia
200	2023-01-21	14:23:11	8.9028 S	113.0634 E	35 km	2.9	Java, Indonesia
201	2023-01-21	15:12:56	8.9368 S	110.5209 E	10 km	2.8	Java, Indonesia
202	2023-01-21	15:48:07	8.8345 S	110.9154 E	16 km	2.5	Java, Indonesia
203	2023-01-21	18:29:49	11.5028 S	109.3981 E	10 km	5.1	South of Java, Indonesia
204	2023-01-21	19:01:25	10.4451 S	113.2541 E	10 km	3.4	South of Java, Indonesia

205	2023-01-21	20:50:03	9.3422 S	113.9294 E	10 km	3.1	South of Java, Indonesia
206	2023-01-21	23:50:29	9.5679 S	113.8769 E	5 km	3.1	South of Java, Indonesia
207	2023-01-22	03:31:19	9.4918 S	112.8379 E	9 km	3.5	South of Java, Indonesia
208	2023-01-22	06:58:41	8.8573 S	109.7176 E	15 km	2.8	Java, Indonesia
209	2023-01-22	07:07:27	8.7623 S	110.0746 E	20 km	2.6	Java, Indonesia
210	2023-01-22	09:37:51	8.3460 S	111.5633 E	94 km	2.5	Java, Indonesia
211	2023-01-22	09:40:57	7.9892 S	110.4840 E	10 km	1.6	Java, Indonesia
212	2023-01-22	11:45:42	8.1937 S	109.3367 E	47 km	2.7	Java, Indonesia
213	2023-01-22	13:16:15	8.9782 S	113.0341 E	15 km	3.1	Java, Indonesia
214	2023-01-22	18:29:54	7.9486 S	110.4372 E	8 km	1.4	Java, Indonesia
215	2023-01-22	21:47:14	8.8179 S	111.1169 E	11 km	2.6	Java, Indonesia
216	2023-01-23	01:44:09	10.8683 S	113.4004 E	10 km	4.1	South of Java, Indonesia
217	2023-01-23	08:37:52	8.6696 S	111.1540 E	40 km	2.3	Java, Indonesia
218	2023-01-23	09:14:45	8.7274 S	110.9581 E	10 km	2.4	Java, Indonesia
219	2023-01-23	11:18:18	7.9961 S	110.6019 E	4 km	1.3	Java, Indonesia
220	2023-01-23	18:16:42	10.4742 S	113.4702 E	10 km	3.0	South of Java, Indonesia
221	2023-01-23	18:18:37	8.2896 S	109.6318 E	153 km	2.5	Java, Indonesia
222	2023-01-23	19:32:16	9.0198 S	110.1753 E	10 km	2.7	South of Java, Indonesia
223	2023-01-23	22:03:03	7.9232 S	110.3831 E	5 km	1.1	Java, Indonesia
224	2023-01-24	00:10:50	7.7960 S	110.5075 E	5 km	1.3	Java, Indonesia
225	2023-01-24	02:24:12	10.5738 S	111.8641 E	10 km	3.8	South of Java, Indonesia
226	2023-01-24	06:04:51	10.4733 S	113.2896 E	10 km	3.6	South of Java, Indonesia
227	2023-01-24	06:30:12	9.2396 S	111.7213 E	18 km	2.8	South of Java, Indonesia
228	2023-01-24	08:42:57	8.9250 S	111.3066 E	67 km	2.6	Java, Indonesia
229	2023-01-24	13:19:58	8.3874 S	109.0419 E	10 km	2.6	Java, Indonesia
230	2023-01-24	17:20:25	8.9671 S	110.3840 E	10 km	2.6	Java, Indonesia
231	2023-01-24	18:17:31	9.1424 S	113.0810 E	22 km	2.4	South of Java, Indonesia
232	2023-01-24	23:22:28	7.9952 S	110.5126 E	9 km	1.5	Java, Indonesia
233	2023-01-25	01:46:07	8.8572 S	111.0679 E	10 km	2.6	Java, Indonesia
234	2023-01-25	06:09:36	8.5369 S	108.8176 E	10 km	3.2	Java, Indonesia

235	2023-01-25	08:17:56	10.4615 S	113.2592 E	10 km	4.2	South of Java, Indonesia
236	2023-01-25	10:46:37	9.4296 S	113.5472 E	10 km	3.4	South of Java, Indonesia
237	2023-01-25	11:53:46	9.7098 S	113.0315 E	26 km	3.4	South of Java, Indonesia
238	2023-01-25	12:21:58	8.0205 S	109.9794 E	10 km	2.4	Java, Indonesia
239	2023-01-25	13:44:26	8.0814 S	111.0439 E	131 km	2.3	Java, Indonesia
240	2023-01-25	14:47:14	6.8105 S	111.6653 E	4 km	2.5	Java, Indonesia
241	2023-01-25	17:21:17	9.2738 S	113.2380 E	10 km	3.0	South of Java, Indonesia
242	2023-01-25	17:47:50	9.0353 S	110.3673 E	56 km	2.9	South of Java, Indonesia
243	2023-01-25	18:19:46	8.9690 S	110.4468 E	10 km	3.2	Java, Indonesia
244	2023-01-25	19:11:00	10.6239 S	111.7456 E	10 km	4.4	South of Java, Indonesia
245	2023-01-26	03:33:28	7.2459 S	110.1993 E	245 km	3.5	Java, Indonesia
246	2023-01-26	04:02:32	8.0783 S	110.5023 E	6 km	1.5	Java, Indonesia
247	2023-01-26	09:55:28	9.5434 S	113.9824 E	20 km	3.4	South of Java, Indonesia
248	2023-01-26	12:04:07	8.7104 S	109.7572 E	10 km	3.0	Java, Indonesia
249	2023-01-26	12:45:51	8.7174 S	110.4456 E	41 km	2.7	Java, Indonesia
250	2023-01-26	12:56:32	7.9828 S	110.4644 E	14 km	2.8	Java, Indonesia
251	2023-01-26	13:03:48	7.9266 S	110.4228 E	7 km	1.5	Java, Indonesia
252	2023-01-26	13:34:56	7.9457 S	110.4403 E	8 km	1.6	Java, Indonesia
253	2023-01-26	13:41:12	7.8946 S	110.4355 E	11 km	1.5	Java, Indonesia
254	2023-01-26	14:07:02	7.9188 S	110.4024 E	6 km	1.4	Java, Indonesia
255	2023-01-26	14:22:13	8.2868 S	110.3096 E	22 km	2.5	Java, Indonesia
256	2023-01-26	15:28:54	8.0823 S	110.5464 E	5 km	1.6	Java, Indonesia
257	2023-01-26	15:59:11	8.0354 S	110.4981 E	12 km	1.5	Java, Indonesia
258	2023-01-26	16:09:55	7.8932 S	110.3663 E	3 km	1.5	Java, Indonesia
259	2023-01-26	16:45:12	9.0831 S	110.8827 E	13 km	3.0	South of Java, Indonesia
260	2023-01-26	19:18:27	8.8693 S	111.1444 E	10 km	2.8	Java, Indonesia
261	2023-01-26	20:20:51	8.9353 S	113.0688 E	38 km	2.7	Java, Indonesia
262	2023-01-26	20:40:22	9.2093 S	113.0901 E	5 km	2.6	South of Java, Indonesia
263	2023-01-26	22:10:33	10.3491 S	113.2301 E	11 km	3.4	South of Java, Indonesia
264	2023-01-26	22:20:59	9.1139 S	113.0009 E	16 km	2.5	South of Java, Indonesia

265	2023-01-26	23:19:13	8.3194 S	110.6961 E	1 km	2.3	Java, Indonesia
266	2023-01-26	23:20:23	9.2703 S	113.4924 E	10 km	3.0	South of Java, Indonesia
267	2023-01-27	00:31:54	7.9523 S	110.4482 E	16 km	1.6	Java, Indonesia
268	2023-01-27	03:47:37	9.5228 S	112.1382 E	10 km	3.5	South of Java, Indonesia
269	2023-01-27	04:40:56	9.2698 S	111.2574 E	10 km	3.5	South of Java, Indonesia
270	2023-01-27	07:41:44	9.4579 S	112.8271 E	10 km	3.0	South of Java, Indonesia
271	2023-01-27	08:30:56	8.0532 S	110.5672 E	5 km	1.3	Java, Indonesia
272	2023-01-27	08:47:09	8.9956 S	110.2705 E	12 km	2.7	Java, Indonesia
273	2023-01-27	12:22:57	9.0987 S	111.7873 E	10 km	2.9	South of Java, Indonesia
274	2023-01-27	14:02:26	9.1201 S	108.1388 E	17 km	3.4	South of Java, Indonesia
275	2023-01-27	15:36:43	8.8797 S	112.9491 E	62 km	2.7	Java, Indonesia
276	2023-01-27	15:49:56	8.9137 S	108.7211 E	13 km	3.1	Java, Indonesia
277	2023-01-27	15:54:36	8.6668 S	109.9349 E	43 km	2.6	Java, Indonesia
278	2023-01-27	16:19:58	8.8441 S	110.3078 E	30 km	2.8	Java, Indonesia
279	2023-01-27	16:48:25	6.9543 S	110.2512 E	29 km	2.5	Java, Indonesia
280	2023-01-27	17:04:48	7.9387 S	110.4373 E	16 km	1.3	Java, Indonesia
281	2023-01-27	17:33:04	9.0016 S	111.9421 E	13 km	3.1	South of Java, Indonesia
282	2023-01-27	18:04:51	8.5518 S	110.2689 E	23 km	2.6	Java, Indonesia
283	2023-01-27	18:58:31	8.8804 S	108.6985 E	27 km	4.0	Java, Indonesia
284	2023-01-27	19:09:58	8.6579 S	111.6655 E	13 km	2.5	Java, Indonesia
285	2023-01-27	21:38:45	7.8735 S	110.3544 E	10 km	1.3	Java, Indonesia
286	2023-01-27	21:51:16	8.7931 S	108.8028 E	10 km	2.9	Java, Indonesia
287	2023-01-28	00:01:46	8.5091 S	110.6457 E	12 km	2.2	Java, Indonesia
288	2023-01-28	00:44:32	10.3996 S	113.2739 E	10 km	3.6	South of Java, Indonesia
289	2023-01-28	03:29:58	8.9720 S	110.4839 E	10 km	2.6	Java, Indonesia
290	2023-01-28	12:21:13	7.9630 S	110.4531 E	9 km	1.8	Java, Indonesia
291	2023-01-28	15:15:28	8.2553 S	109.0610 E	33 km	2.2	Java, Indonesia
292	2023-01-28	15:18:01	9.0640 S	113.5011 E	52 km	2.3	South of Java, Indonesia
293	2023-01-28	16:03:52	9.5074 S	110.2248 E	13 km	2.9	South of Java, Indonesia
294	2023-01-28	17:31:14	8.7204 S	112.5298 E	40 km	2.6	Java, Indonesia

295	2023-01-28	18:31:49	8.8517 S	110.6510 E	10 km	2.4	Java, Indonesia
296	2023-01-28	18:58:07	8.9201 S	108.6163 E	10 km	3.1	Java, Indonesia
297	2023-01-28	19:14:49	8.7969 S	112.6328 E	10 km	2.6	Java, Indonesia
298	2023-01-28	20:23:30	8.5105 S	108.8681 E	42 km	2.9	Java, Indonesia
299	2023-01-28	20:31:31	8.8014 S	112.9950 E	48 km	2.3	Java, Indonesia
300	2023-01-28	20:52:54	8.4893 S	111.2744 E	20 km	2.3	Java, Indonesia
301	2023-01-29	00:19:30	9.1312 S	110.5235 E	23 km	2.7	South of Java, Indonesia
302	2023-01-29	00:35:38	7.2417 S	110.0665 E	21 km	1.9	Java, Indonesia
303	2023-01-29	01:11:10	10.1890 S	113.1853 E	10 km	3.4	South of Java, Indonesia
304	2023-01-29	03:02:14	10.3308 S	113.2101 E	10 km	3.6	South of Java, Indonesia
305	2023-01-29	03:31:22	8.4829 S	110.7304 E	2 km	2.3	Java, Indonesia
306	2023-01-29	05:07:36	9.1777 S	110.1461 E	9 km	3.2	South of Java, Indonesia
307	2023-01-29	05:42:17	7.9007 S	110.3707 E	3 km	1.3	Java, Indonesia
308	2023-01-29	08:02:46	7.9657 S	110.4614 E	13 km	2.1	Java, Indonesia
309	2023-01-29	08:14:30	8.5800 S	110.8926 E	10 km	2.4	Java, Indonesia
310	2023-01-29	12:38:24	7.9607 S	110.4555 E	9 km	1.5	Java, Indonesia
311	2023-01-29	13:14:15	9.0218 S	111.2133 E	10 km	2.6	South of Java, Indonesia
312	2023-01-29	13:19:43	9.2481 S	112.8575 E	11 km	2.6	South of Java, Indonesia
313	2023-01-29	14:28:04	7.1988 S	109.8866 E	2 km	2.3	Java, Indonesia
314	2023-01-29	14:45:57	8.8888 S	111.4362 E	75 km	2.6	Java, Indonesia
315	2023-01-29	21:10:00	7.2908 S	109.9626 E	4 km	2.7	Java, Indonesia
316	2023-01-29	22:19:09	9.7174 S	113.7657 E	5 km	3.3	South of Java, Indonesia
317	2023-01-30	01:16:28	10.6862 S	111.7106 E	10 km	3.6	South of Java, Indonesia
318	2023-01-30	02:27:55	8.4231 S	108.9230 E	43 km	2.6	Java, Indonesia
319	2023-01-30	07:53:15	8.3895 S	108.9819 E	18 km	3.7	Java, Indonesia
320	2023-01-30	11:30:58	7.9860 S	110.3226 E	10 km	1.6	Java, Indonesia
321	2023-01-30	11:58:08	8.2291 S	111.0923 E	72 km	2.4	Java, Indonesia
322	2023-01-30	12:19:48	7.8617 S	110.5465 E	12 km	1.8	Java, Indonesia
323	2023-01-30	12:56:17	7.8604 S	110.5480 E	11 km	1.7	Java, Indonesia
324	2023-01-30	13:30:54	7.8614 S	110.3279 E	10 km	1.8	Java, Indonesia

325	2023-01-30	13:54:07	7.8818 S	110.5673 E	4 km	1.4	Java, Indonesia
326	2023-01-30	15:43:21	8.3393 S	109.0358 E	25 km	3.0	Java, Indonesia
327	2023-01-30	16:51:58	9.2708 S	113.9356 E	32 km	3.0	South of Java, Indonesia
328	2023-01-30	17:07:14	7.2780 S	107.9964 E	271 km	3.3	Java, Indonesia
329	2023-01-30	17:33:26	7.9766 S	110.4710 E	8 km	1.5	Java, Indonesia
330	2023-01-30	18:04:12	10.6746 S	111.8331 E	10 km	3.6	South of Java, Indonesia
331	2023-01-30	19:47:26	9.3400 S	113.4724 E	10 km	2.5	South of Java, Indonesia
332	2023-01-30	21:30:00	8.9815 S	113.0197 E	33 km	3.0	Java, Indonesia
333	2023-01-30	22:47:16	10.2439 S	113.2092 E	10 km	3.6	South of Java, Indonesia
334	2023-01-31	00:06:19	7.9863 S	110.4625 E	15 km	2.2	Java, Indonesia
335	2023-01-31	00:34:44	8.0827 S	111.1700 E	94 km	2.3	Java, Indonesia
336	2023-01-31	01:11:50	8.9061 S	110.9149 E	16 km	3.4	Java, Indonesia
337	2023-01-31	03:12:05	8.0519 S	110.5968 E	10 km	1.7	Java, Indonesia
338	2023-01-31	04:42:52	7.9230 S	110.4139 E	7 km	1.6	Java, Indonesia
339	2023-01-31	06:05:35	9.0556 S	112.5444 E	10 km	3.0	South of Java, Indonesia
340	2023-01-31	07:12:31	8.8346 S	109.7907 E	10 km	3.1	Java, Indonesia
341	2023-01-31	08:02:56	6.9688 S	111.7241 E	7 km	2.9	Java, Indonesia
342	2023-01-31	10:27:45	8.6875 S	108.7319 E	10 km	2.7	Java, Indonesia
343	2023-01-31	12:06:06	9.2853 S	113.9348 E	6 km	2.9	South of Java, Indonesia
344	2023-01-31	12:28:04	8.8680 S	110.8811 E	11 km	2.9	Java, Indonesia
345	2023-01-31	14:45:45	9.1030 S	113.1551 E	10 km	2.6	South of Java, Indonesia
346	2023-01-31	15:18:48	8.2449 S	109.4783 E	78 km	2.7	Java, Indonesia
347	2023-01-31	22:07:40	9.0431 S	111.2743 E	10 km	2.9	South of Java, Indonesia
348	2023-01-31	23:06:19	7.2256 S	109.9518 E	23 km	1.7	Java, Indonesia
349	2023-01-31	23:20:55	7.9146 S	110.4002 E	6 km	1.4	Java, Indonesia
350	2023-02-01	00:03:36	8.0597 S	110.5269 E	5 km	1.5	Java, Indonesia
351	2023-02-01	01:38:20	8.8826 S	112.5984 E	9 km	2.8	Java, Indonesia
352	2023-02-01	03:26:35	8.7419 S	109.8655 E	10 km	2.9	Java, Indonesia
353	2023-02-01	05:05:58	8.2672 S	110.6742 E	91 km	2.4	Java, Indonesia
354	2023-02-01	06:24:25	8.8729 S	111.6168 E	22 km	3.1	Java, Indonesia

355	2023-02-01	08:22:18	8.5904 S	109.0593 E	10 km	3.2	Java, Indonesia
356	2023-02-01	10:42:52	8.8936 S	112.6670 E	10 km	3.0	Java, Indonesia
357	2023-02-01	11:22:48	8.8000 S	109.9457 E	90 km	3.0	Java, Indonesia
358	2023-02-01	12:29:19	7.9904 S	110.5250 E	10 km	1.7	Java, Indonesia
359	2023-02-01	12:56:48	8.5529 S	108.7826 E	27 km	3.0	Java, Indonesia
360	2023-02-01	14:12:30	8.0236 S	110.5083 E	10 km	1.6	Java, Indonesia
361	2023-02-01	14:14:07	7.8324 S	110.3165 E	8 km	1.5	Java, Indonesia
362	2023-02-01	17:40:55	9.3509 S	110.5100 E	12 km	3.2	South of Java, Indonesia
363	2023-02-01	18:34:31	7.9534 S	110.4372 E	25 km	2.0	Java, Indonesia
364	2023-02-01	20:26:59	9.1465 S	110.5828 E	10 km	3.6	South of Java, Indonesia
365	2023-02-01	20:59:52	8.7403 S	110.2003 E	10 km	2.7	Java, Indonesia
366	2023-02-01	21:55:37	8.9253 S	110.5639 E	10 km	2.8	Java, Indonesia
367	2023-02-01	22:07:03	7.1462 S	109.2622 E	26 km	2.6	Java, Indonesia
368	2023-02-01	22:56:17	8.7114 S	110.5183 E	10 km	2.7	Java, Indonesia
369	2023-02-01	23:52:56	9.3475 S	110.4739 E	11 km	2.9	South of Java, Indonesia
370	2023-02-02	00:27:14	9.4266 S	110.3196 E	47 km	3.2	South of Java, Indonesia
371	2023-02-02	01:07:49	9.2796 S	110.6279 E	10 km	2.9	South of Java, Indonesia
372	2023-02-02	03:00:29	7.9623 S	110.4582 E	9 km	1.3	Java, Indonesia
373	2023-02-02	03:38:34	8.6181 S	109.6458 E	10 km	2.9	Java, Indonesia
374	2023-02-02	06:15:08	9.2605 S	113.2783 E	10 km	3.3	South of Java, Indonesia
375	2023-02-02	07:43:41	7.9046 S	109.1764 E	237 km	2.7	Java, Indonesia
376	2023-02-02	08:12:43	9.0463 S	114.5274 E	48 km	3.5	South of Bali, Indonesia
377	2023-02-02	11:55:11	8.4549 S	111.6569 E	103 km	2.8	Java, Indonesia
378	2023-02-02	12:35:10	10.8302 S	111.6105 E	10 km	3.7	South of Java, Indonesia
379	2023-02-02	15:54:01	9.2089 S	110.3160 E	10 km	3.0	South of Java, Indonesia
380	2023-02-02	18:07:14	8.8934 S	110.1982 E	53 km	2.7	Java, Indonesia
381	2023-02-02	19:52:09	8.4393 S	112.4996 E	89 km	2.7	Java, Indonesia
382	2023-02-02	20:29:32	8.0172 S	110.4363 E	10 km	1.4	Java, Indonesia
383	2023-02-02	21:13:38	8.8928 S	111.1677 E	10 km	3.3	Java, Indonesia
384	2023-02-03	05:20:29	8.9817 S	110.5342 E	19 km	2.9	Java, Indonesia

385	2023-02-03	05:29:08	8.8513 S	111.1608 E	19 km	3.0	Java, Indonesia
386	2023-02-03	07:23:05	8.8508 S	111.2788 E	14 km	2.8	Java, Indonesia
387	2023-02-03	07:25:22	9.0828 S	110.2839 E	29 km	3.0	South of Java, Indonesia
388	2023-02-03	09:58:46	9.2149 S	113.3394 E	15 km	3.5	South of Java, Indonesia
389	2023-02-03	10:18:14	9.1483 S	113.2597 E	37 km	3.0	South of Java, Indonesia
390	2023-02-03	10:38:25	8.6369 S	111.2849 E	17 km	2.7	Java, Indonesia
391	2023-02-03	10:49:13	8.2956 S	110.1427 E	94 km	3.0	Java, Indonesia
392	2023-02-03	12:18:03	8.8879 S	110.4538 E	15 km	3.1	Java, Indonesia
393	2023-02-03	13:19:54	10.4950 S	113.3288 E	16 km	3.9	South of Java, Indonesia
394	2023-02-03	17:31:23	8.0727 S	112.0822 E	60 km	2.6	Java, Indonesia
395	2023-02-03	21:14:03	10.6392 S	113.2838 E	10 km	3.9	South of Java, Indonesia
396	2023-02-03	21:31:39	9.5241 S	112.9215 E	10 km	3.3	South of Java, Indonesia
397	2023-02-03	22:20:06	8.3896 S	113.7035 E	99 km	2.4	Java, Indonesia
398	2023-02-04	00:34:18	9.0961 S	110.5685 E	10 km	3.0	South of Java, Indonesia
399	2023-02-04	00:40:13	8.8521 S	111.7287 E	19 km	3.2	Java, Indonesia
400	2023-02-04	05:25:35	8.0351 S	110.5096 E	5 km	1.3	Java, Indonesia
401	2023-02-04	07:30:53	8.9061 S	112.3559 E	10 km	3.3	Java, Indonesia
402	2023-02-04	12:22:11	7.4030 S	109.9458 E	10 km	2.7	Java, Indonesia
403	2023-02-04	17:18:07	8.9440 S	110.4539 E	9 km	3.0	Java, Indonesia
404	2023-02-04	18:04:45	7.1989 S	110.0037 E	21 km	2.1	Java, Indonesia
405	2023-02-04	21:36:39	7.8224 S	110.1612 E	69 km	2.3	Java, Indonesia
406	2023-02-05	00:35:46	8.0610 S	110.5369 E	5 km	1.7	Java, Indonesia
407	2023-02-05	04:20:10	9.4809 S	112.9303 E	10 km	3.3	South of Java, Indonesia
408	2023-02-05	06:34:43	8.5423 S	113.3941 E	5 km	2.9	Java, Indonesia
409	2023-02-05	07:52:56	9.3902 S	113.3513 E	20 km	3.0	South of Java, Indonesia
410	2023-02-05	08:41:59	8.3668 S	108.8682 E	10 km	2.8	Java, Indonesia
411	2023-02-05	12:41:09	8.2425 S	110.6412 E	11 km	2.5	Java, Indonesia
412	2023-02-05	14:20:09	9.1641 S	110.6563 E	10 km	3.0	South of Java, Indonesia
413	2023-02-05	15:31:04	8.8527 S	113.4388 E	10 km	2.9	Java, Indonesia
414	2023-02-05	17:50:09	8.8859 S	110.0555 E	10 km	3.1	Java, Indonesia

415	2023-02-05	20:15:07	8.3803 S	110.8048 E	18 km	2.4	Java, Indonesia
416	2023-02-05	20:43:07	8.8689 S	110.5767 E	10 km	2.8	Java, Indonesia
417	2023-02-05	21:51:37	8.8632 S	109.8086 E	10 km	3.0	Java, Indonesia
418	2023-02-05	22:02:52	9.0925 S	113.1396 E	31 km	2.9	South of Java, Indonesia
419	2023-02-05	22:48:55	7.1430 S	110.2198 E	76 km	2.6	Java, Indonesia
420	2023-02-06	00:29:45	8.0205 S	108.8873 E	68 km	2.7	Java, Indonesia
421	2023-02-06	04:00:47	8.6550 S	110.8291 E	10 km	2.8	Java, Indonesia
422	2023-02-06	08:22:48	9.1671 S	113.2306 E	10 km	2.9	South of Java, Indonesia
423	2023-02-06	08:35:00	9.5790 S	113.7970 E	10 km	2.9	South of Java, Indonesia
424	2023-02-06	14:15:37	8.8894 S	110.2030 E	25 km	3.2	Java, Indonesia
425	2023-02-06	15:56:24	7.9637 S	110.4585 E	11 km	1.6	Java, Indonesia
426	2023-02-06	16:00:53	8.6032 S	108.7543 E	10 km	2.7	Java, Indonesia
427	2023-02-06	16:36:35	8.8745 S	111.1235 E	13 km	2.9	Java, Indonesia
428	2023-02-06	16:40:17	8.4922 S	108.2791 E	1 km	3.1	Java, Indonesia
429	2023-02-06	20:24:24	7.8068 S	111.4012 E	10 km	3.6	Java, Indonesia
430	2023-02-06	20:48:08	8.9270 S	110.3128 E	10 km	2.9	Java, Indonesia
431	2023-02-06	21:35:56	10.7596 S	111.9018 E	36 km	3.7	South of Java, Indonesia
432	2023-02-07	00:54:04	8.9693 S	110.4928 E	19 km	2.8	Java, Indonesia
433	2023-02-07	06:07:05	8.3537 S	109.0395 E	39 km	2.8	Java, Indonesia
434	2023-02-07	07:11:54	8.2524 S	111.1872 E	10 km	2.4	Java, Indonesia
435	2023-02-07	09:12:36	8.8597 S	111.4516 E	11 km	2.9	Java, Indonesia
436	2023-02-07	09:14:00	8.4515 S	109.6622 E	10 km	3.2	Java, Indonesia
437	2023-02-07	09:24:55	8.3737 S	109.7648 E	24 km	2.5	Java, Indonesia
438	2023-02-07	13:10:57	9.5713 S	112.9648 E	10 km	3.0	South of Java, Indonesia
439	2023-02-07	14:26:21	8.6701 S	111.3385 E	84 km	2.8	Java, Indonesia
440	2023-02-07	14:32:51	10.5425 S	113.2570 E	10 km	4.0	South of Java, Indonesia
441	2023-02-07	14:45:33	8.7732 S	111.4996 E	11 km	2.7	Java, Indonesia
442	2023-02-07	16:37:28	8.8930 S	110.6600 E	49 km	2.7	Java, Indonesia
443	2023-02-07	16:39:47	7.9158 S	110.4728 E	17 km	1.5	Java, Indonesia
444	2023-02-07	19:16:20	9.6538 S	113.0019 E	10 km	3.3	South of Java, Indonesia

445	2023-02-07	22:25:43	7.1702 S	114.6101 E	12 km	4.3	Bali Sea
446	2023-02-07	22:56:36	10.3555 S	113.1855 E	10 km	3.3	South of Java, Indonesia
447	2023-02-07	23:21:18	8.9845 S	110.4467 E	10 km	2.6	Java, Indonesia
448	2023-02-08	00:07:14	8.8539 S	111.6103 E	26 km	2.9	Java, Indonesia
449	2023-02-08	01:28:44	8.1724 S	111.0874 E	10 km	2.3	Java, Indonesia
450	2023-02-08	02:58:37	9.7581 S	112.8650 E	8 km	3.5	South of Java, Indonesia
451	2023-02-08	03:26:59	9.7790 S	112.0396 E	10 km	3.2	South of Java, Indonesia
452	2023-02-08	06:09:46	8.3852 S	109.7847 E	27 km	3.0	Java, Indonesia
453	2023-02-08	14:56:08	8.8411 S	110.4515 E	15 km	3.1	Java, Indonesia
454	2023-02-08	15:49:39	8.1936 S	110.1951 E	24 km	2.5	Java, Indonesia
455	2023-02-08	22:16:38	8.7359 S	110.8820 E	31 km	2.8	Java, Indonesia
456	2023-02-09	09:37:48	8.4080 S	109.7538 E	40 km	3.0	Java, Indonesia
457	2023-02-09	09:41:03	8.1700 S	110.5736 E	2 km	2.3	Java, Indonesia
458	2023-02-09	14:33:27	8.1735 S	110.7516 E	10 km	2.4	Java, Indonesia
459	2023-02-09	16:17:09	8.7044 S	112.0729 E	29 km	2.7	Java, Indonesia
460	2023-02-09	19:09:41	9.2852 S	111.5484 E	149 km	3.3	South of Java, Indonesia
461	2023-02-09	19:23:58	8.4522 S	110.7213 E	14 km	2.7	Java, Indonesia
462	2023-02-10	00:50:51	8.1166 S	109.5325 E	10 km	3.0	Java, Indonesia
463	2023-02-10	04:30:34	7.8606 S	110.5347 E	11 km	1.7	Java, Indonesia
464	2023-02-10	06:09:08	8.8635 S	112.4688 E	45 km	2.9	Java, Indonesia
465	2023-02-10	08:53:28	8.7405 S	109.6081 E	9 km	3.0	Java, Indonesia
466	2023-02-10	10:08:33	10.3993 S	113.2802 E	10 km	3.5	South of Java, Indonesia
467	2023-02-10	11:25:40	8.0651 S	110.6488 E	10 km	1.7	Java, Indonesia
468	2023-02-10	12:44:31	8.8538 S	109.8720 E	10 km	3.0	Java, Indonesia
469	2023-02-10	16:52:50	9.0483 S	110.7793 E	10 km	2.9	South of Java, Indonesia
470	2023-02-10	17:06:45	8.4372 S	110.8670 E	113 km	2.4	Java, Indonesia
471	2023-02-10	20:15:14	8.3055 S	110.0616 E	6 km	2.5	Java, Indonesia
472	2023-02-11	01:58:02	8.1792 S	110.3308 E	26 km	2.4	Java, Indonesia
473	2023-02-11	05:14:12	8.2789 S	110.3672 E	43 km	2.6	Java, Indonesia
474	2023-02-11	06:00:53	7.9921 S	110.7318 E	158 km	1.9	Java, Indonesia

475	2023-02-11	08:24:26	8.3517 S	109.0283 E	30 km	2.7	Java, Indonesia
476	2023-02-11	11:32:14	8.9805 S	110.4291 E	10 km	2.8	Java, Indonesia
477	2023-02-11	11:44:48	7.9951 S	110.4892 E	15 km	1.7	Java, Indonesia
478	2023-02-11	11:45:52	8.6538 S	111.1243 E	10 km	2.5	Java, Indonesia
479	2023-02-11	12:56:18	9.2872 S	111.2989 E	10 km	2.8	South of Java, Indonesia
480	2023-02-11	13:55:34	8.1987 S	109.1051 E	10 km	2.7	Java, Indonesia
481	2023-02-11	15:25:39	10.5458 S	113.2032 E	10 km	3.5	South of Java, Indonesia
482	2023-02-11	21:33:23	8.3313 S	109.1019 E	30 km	2.7	Java, Indonesia
483	2023-02-11	23:42:14	9.6476 S	113.2961 E	165 km	3.4	South of Java, Indonesia
484	2023-02-12	04:24:55	7.9556 S	110.4450 E	11 km	1.3	Java, Indonesia
485	2023-02-12	05:16:24	7.4312 S	114.4968 E	10 km	2.6	Bali Sea
486	2023-02-12	11:41:02	9.0989 S	112.2134 E	10 km	3.5	South of Java, Indonesia
487	2023-02-12	14:17:21	8.0005 S	110.5055 E	118 km	1.7	Java, Indonesia
488	2023-02-12	15:08:02	9.0316 S	111.3077 E	21 km	3.6	South of Java, Indonesia
489	2023-02-12	16:32:06	7.9263 S	110.4705 E	18 km	1.5	Java, Indonesia
490	2023-02-12	16:53:13	9.1485 S	113.5156 E	15 km	3.0	South of Java, Indonesia
491	2023-02-12	17:16:00	9.0407 S	111.3204 E	22 km	3.1	South of Java, Indonesia
492	2023-02-12	17:22:27	7.8711 S	110.3263 E	10 km	1.8	Java, Indonesia
493	2023-02-12	17:59:23	9.6500 S	113.6891 E	221 km	3.5	South of Java, Indonesia
494	2023-02-12	19:00:29	8.3769 S	109.0117 E	23 km	3.0	Java, Indonesia
495	2023-02-12	20:34:58	8.7105 S	111.3733 E	15 km	3.1	Java, Indonesia
496	2023-02-12	22:01:11	9.5795 S	113.5549 E	10 km	3.5	South of Java, Indonesia
497	2023-02-12	22:50:43	7.2666 S	109.9734 E	10 km	2.4	Java, Indonesia
498	2023-02-13	01:26:58	6.8882 S	108.2985 E	245 km	3.4	Java, Indonesia
499	2023-02-13	02:18:18	7.4460 S	109.1171 E	192 km	2.8	Java, Indonesia
500	2023-02-13	03:34:21	8.6251 S	110.7533 E	10 km	2.6	Java, Indonesia
501	2023-02-13	04:10:19	8.0317 S	111.0406 E	114 km	2.2	Java, Indonesia
502	2023-02-13	04:37:53	9.0515 S	111.6853 E	10 km	3.1	South of Java, Indonesia
503	2023-02-13	06:45:58	11.2279 S	113.1749 E	10 km	4.0	South of Java, Indonesia
504	2023-02-13	07:51:37	8.6342 S	112.1474 E	10 km	2.8	Java, Indonesia

505	2023-02-13	22:03:35	8.8390 S	111.3976 E	27 km	2.9	Java, Indonesia
506	2023-02-14	01:33:15	7.1981 S	110.0006 E	39 km	1.9	Java, Indonesia
507	2023-02-14	05:40:42	8.8523 S	110.1581 E	12 km	3.0	Java, Indonesia
508	2023-02-14	06:52:54	8.9124 S	110.6091 E	10 km	2.9	Java, Indonesia
509	2023-02-14	07:34:34	10.4687 S	113.2587 E	10 km	3.8	South of Java, Indonesia
510	2023-02-14	12:27:21	8.7215 S	109.2845 E	10 km	3.4	Java, Indonesia
511	2023-02-14	15:48:58	8.3396 S	109.7528 E	43 km	3.0	Java, Indonesia
512	2023-02-14	20:43:20	10.1974 S	110.0045 E	30 km	3.9	South of Java, Indonesia
513	2023-02-14	22:07:14	8.7512 S	111.4267 E	23 km	2.9	Java, Indonesia
514	2023-02-15	01:16:17	8.6590 S	111.3148 E	10 km	2.6	Java, Indonesia
515	2023-02-15	01:24:14	8.0120 S	110.5420 E	10 km	1.6	Java, Indonesia
516	2023-02-15	02:33:22	7.9792 S	110.5061 E	14 km	1.8	Java, Indonesia
517	2023-02-15	02:44:13	8.1903 S	110.6964 E	10 km	2.3	Java, Indonesia
518	2023-02-15	02:50:55	8.0354 S	110.5677 E	6 km	1.8	Java, Indonesia
519	2023-02-15	03:17:07	9.2012 S	112.7412 E	21 km	2.8	South of Java, Indonesia
520	2023-02-15	04:38:12	8.7801 S	111.5316 E	22 km	2.9	Java, Indonesia
521	2023-02-15	06:38:50	7.9089 S	110.4745 E	13 km	1.6	Java, Indonesia
522	2023-02-15	10:56:58	9.5240 S	112.9707 E	10 km	3.6	South of Java, Indonesia
523	2023-02-15	11:57:49	8.5421 S	110.3188 E	89 km	2.8	Java, Indonesia
524	2023-02-15	16:38:06	8.4571 S	110.1291 E	60 km	2.8	Java, Indonesia
525	2023-02-15	17:52:27	9.4493 S	113.9641 E	7 km	2.8	South of Java, Indonesia
526	2023-02-15	19:52:42	8.4880 S	110.7239 E	17 km	2.6	Java, Indonesia
527	2023-02-16	04:18:33	8.7440 S	111.2304 E	70 km	2.9	Java, Indonesia
528	2023-02-16	07:34:01	7.8167 S	111.4081 E	18 km	2.9	Java, Indonesia
529	2023-02-16	15:03:24	7.8910 S	110.4583 E	15 km	1.9	Java, Indonesia
530	2023-02-16	17:01:58	8.2689 S	110.2847 E	15 km	2.5	Java, Indonesia
531	2023-02-16	17:12:40	10.7451 S	111.3386 E	10 km	3.8	South of Java, Indonesia
532	2023-02-16	20:08:20	11.0289 S	111.7310 E	10 km	3.7	South of Java, Indonesia
533	2023-02-16	21:59:40	8.6097 S	109.7244 E	77 km	3.0	Java, Indonesia
534	2023-02-16	22:13:38	8.0321 S	110.5881 E	9 km	1.3	Java, Indonesia

535	2023-02-17	01:03:15	9.7841 S	113.0716 E	10 km	3.1	South of Java, Indonesia
536	2023-02-17	01:25:40	9.1550 S	113.0804 E	24 km	2.8	South of Java, Indonesia
537	2023-02-17	03:25:40	9.3492 S	110.1454 E	10 km	3.0	South of Java, Indonesia
538	2023-02-17	03:33:21	8.7843 S	111.1133 E	79 km	2.7	Java, Indonesia
539	2023-02-17	05:18:16	9.0285 S	110.8058 E	10 km	2.9	South of Java, Indonesia
540	2023-02-17	09:31:12	8.2435 S	109.4393 E	15 km	2.7	Java, Indonesia
541	2023-02-17	14:14:54	10.9331 S	112.2660 E	10 km	4.0	South of Java, Indonesia
542	2023-02-17	17:00:35	7.9610 S	110.4060 E	13 km	1.6	Java, Indonesia
543	2023-02-17	18:10:51	9.3903 S	113.3241 E	25 km	4.2	South of Java, Indonesia
544	2023-02-17	19:40:54	8.8223 S	111.4020 E	17 km	2.7	Java, Indonesia
545	2023-02-17	20:36:03	8.5305 S	112.7468 E	132 km	3.4	Java, Indonesia
546	2023-02-17	20:44:54	8.6350 S	111.0687 E	109 km	2.4	Java, Indonesia
547	2023-02-17	21:48:34	8.9048 S	111.0804 E	44 km	2.7	Java, Indonesia
548	2023-02-17	22:14:31	9.0231 S	113.4173 E	10 km	2.8	South of Java, Indonesia
549	2023-02-17	23:24:27	9.1178 S	110.3969 E	10 km	2.8	South of Java, Indonesia
550	2023-02-17	23:26:14	8.1083 S	110.0057 E	10 km	2.3	Java, Indonesia
551	2023-02-18	01:37:37	8.8220 S	110.8888 E	40 km	2.6	Java, Indonesia
552	2023-02-18	02:41:54	8.8880 S	110.5702 E	20 km	2.7	Java, Indonesia
553	2023-02-18	05:22:53	8.5928 S	111.3819 E	8 km	2.9	Java, Indonesia
554	2023-02-18	05:46:53	8.3166 S	109.0614 E	25 km	3.4	Java, Indonesia
555	2023-02-18	06:47:18	9.0570 S	110.6064 E	12 km	2.7	South of Java, Indonesia
556	2023-02-18	07:33:17	8.0675 S	109.7452 E	17 km	2.7	Java, Indonesia
557	2023-02-18	09:57:41	8.9455 S	109.9987 E	1 km	2.9	Java, Indonesia
558	2023-02-18	12:09:37	8.6922 S	110.8459 E	63 km	2.7	Java, Indonesia
559	2023-02-18	13:33:23	8.6527 S	110.4152 E	83 km	3.0	Java, Indonesia
560	2023-02-18	13:36:44	7.6594 S	112.1612 E	163 km	3.0	Java, Indonesia
561	2023-02-18	14:21:24	8.7589 S	110.2304 E	10 km	2.8	Java, Indonesia
562	2023-02-18	14:55:26	8.5479 S	111.3506 E	14 km	2.6	Java, Indonesia
563	2023-02-18	17:11:59	8.0562 S	110.6472 E	4 km	1.8	Java, Indonesia
564	2023-02-18	17:48:56	8.3679 S	109.2576 E	10 km	2.7	Java, Indonesia

565	2023-02-18	19:57:46	8.3377 S	109.0584 E	28 km	2.7	Java, Indonesia
566	2023-02-18	19:58:53	10.6508 S	113.1358 E	10 km	4.4	South of Java, Indonesia
567	2023-02-18	22:33:07	8.6913 S	111.0734 E	34 km	2.5	Java, Indonesia
568	2023-02-18	22:59:39	7.9254 S	110.7114 E	3 km	1.5	Java, Indonesia
569	2023-02-18	23:42:43	8.8311 S	110.4848 E	30 km	3.0	Java, Indonesia
570	2023-02-19	05:16:10	8.2191 S	110.3572 E	23 km	2.1	Java, Indonesia
571	2023-02-19	05:20:50	8.4441 S	110.3359 E	5 km	2.4	Java, Indonesia
572	2023-02-19	12:15:06	9.2629 S	111.7403 E	10 km	3.0	South of Java, Indonesia
573	2023-02-19	15:25:15	8.5276 S	110.6554 E	10 km	2.6	Java, Indonesia
574	2023-02-19	15:54:32	7.8396 S	110.8104 E	209 km	2.1	Java, Indonesia
575	2023-02-19	16:16:16	8.4192 S	109.0256 E	14 km	3.1	Java, Indonesia
576	2023-02-19	16:51:44	10.9574 S	111.4484 E	10 km	3.9	South of Java, Indonesia
577	2023-02-19	17:12:44	9.1403 S	110.3138 E	10 km	2.8	South of Java, Indonesia
578	2023-02-19	19:44:41	8.8255 S	111.5107 E	13 km	2.8	Java, Indonesia
579	2023-02-19	21:24:13	9.1433 S	111.2270 E	20 km	2.8	South of Java, Indonesia
580	2023-02-19	23:02:19	9.3708 S	113.0992 E	10 km	3.0	South of Java, Indonesia
581	2023-02-19	23:49:23	8.9344 S	111.5257 E	74 km	3.5	Java, Indonesia
582	2023-02-20	00:10:07	9.1823 S	110.4758 E	10 km	2.9	South of Java, Indonesia
583	2023-02-20	02:44:59	8.3091 S	110.3119 E	6 km	2.2	Java, Indonesia
584	2023-02-20	04:44:08	8.9961 S	110.4815 E	3 km	2.8	Java, Indonesia
585	2023-02-20	04:59:20	8.9176 S	110.3637 E	10 km	2.8	Java, Indonesia
586	2023-02-20	05:30:17	10.0066 S	113.4275 E	10 km	4.2	South of Java, Indonesia
587	2023-02-20	10:35:06	8.3207 S	109.1100 E	34 km	2.7	Java, Indonesia
588	2023-02-20	13:17:50	8.9867 S	110.2610 E	10 km	2.9	Java, Indonesia
589	2023-02-20	18:22:50	9.0374 S	111.1965 E	10 km	2.7	South of Java, Indonesia
590	2023-02-20	22:47:55	8.8864 S	110.4699 E	8 km	2.8	Java, Indonesia
591	2023-02-20	23:17:45	8.8710 S	112.6222 E	22 km	2.7	Java, Indonesia
592	2023-02-21	04:21:37	8.8388 S	110.2607 E	9 km	2.7	Java, Indonesia
593	2023-02-21	05:56:46	8.9036 S	110.2922 E	10 km	2.9	Java, Indonesia
594	2023-02-21	08:56:06	9.4113 S	113.0764 E	10 km	4.0	South of Java, Indonesia

595	2023-02-21	09:02:18	8.3779 S	111.3072 E	122 km	3.3	Java, Indonesia
596	2023-02-21	10:09:11	8.3973 S	110.5616 E	8 km	2.4	Java, Indonesia
597	2023-02-21	12:51:42	8.9287 S	111.0960 E	12 km	2.8	Java, Indonesia
598	2023-02-21	15:05:33	9.1394 S	112.7281 E	257 km	3.3	South of Java, Indonesia
599	2023-02-21	15:16:00	8.0732 S	112.5559 E	13 km	3.0	Java, Indonesia
600	2023-02-21	17:56:08	8.8173 S	111.1459 E	18 km	2.9	Java, Indonesia
601	2023-02-21	18:19:47	8.6371 S	112.8018 E	112 km	3.7	Java, Indonesia
602	2023-02-22	00:53:23	8.7926 S	108.7171 E	12 km	2.9	Java, Indonesia
603	2023-02-22	01:55:13	8.0667 S	108.7095 E	51 km	2.9	Java, Indonesia
604	2023-02-22	10:17:33	9.2708 S	110.8066 E	24 km	3.2	South of Java, Indonesia
605	2023-02-22	11:07:18	8.5953 S	112.5604 E	113 km	3.2	Java, Indonesia
606	2023-02-22	11:51:40	8.5594 S	110.6757 E	10 km	2.6	Java, Indonesia
607	2023-02-22	18:10:38	9.9046 S	112.9565 E	10 km	3.4	South of Java, Indonesia
608	2023-02-22	18:59:18	7.9339 S	110.6404 E	12 km	1.8	Java, Indonesia
609	2023-02-22	19:29:37	8.6945 S	110.8761 E	26 km	2.6	Java, Indonesia
610	2023-02-22	20:38:39	9.2338 S	112.3973 E	10 km	2.9	South of Java, Indonesia
611	2023-02-23	00:00:25	9.5041 S	112.9103 E	10 km	3.0	South of Java, Indonesia
612	2023-02-23	01:18:57	9.2125 S	111.5185 E	10 km	3.3	South of Java, Indonesia
613	2023-02-23	02:15:19	9.3460 S	112.8979 E	11 km	3.1	South of Java, Indonesia
614	2023-02-23	03:50:42	7.9808 S	111.7600 E	9 km	2.3	Java, Indonesia
615	2023-02-23	08:49:11	8.6526 S	110.7403 E	39 km	2.6	Java, Indonesia
616	2023-02-23	11:36:19	8.4083 S	108.8628 E	29 km	2.8	Java, Indonesia
617	2023-02-23	15:01:18	8.9389 S	109.8373 E	9 km	3.4	Java, Indonesia
618	2023-02-23	15:35:41	8.8797 S	109.8255 E	10 km	3.0	Java, Indonesia
619	2023-02-23	22:27:28	8.8634 S	110.7884 E	8 km	2.6	Java, Indonesia
620	2023-02-23	23:00:18	8.6751 S	110.4158 E	23 km	2.6	Java, Indonesia
621	2023-02-23	23:24:28	8.2718 S	108.1250 E	19 km	2.7	Java, Indonesia
622	2023-02-24	01:38:49	10.0466 S	113.6176 E	10 km	4.2	South of Java, Indonesia
623	2023-02-24	06:46:23	8.5465 S	112.8130 E	110 km	3.0	Java, Indonesia
624	2023-02-24	07:13:09	9.0136 S	110.7998 E	10 km	3.0	South of Java, Indonesia

625	2023-02-24	09:51:21	9.2682 S	113.5255 E	30 km	3.1	South of Java, Indonesia
626	2023-02-24	12:58:42	8.6864 S	109.8746 E	10 km	2.7	Java, Indonesia
627	2023-02-24	17:32:44	8.4049 S	111.1191 E	30 km	2.4	Java, Indonesia
628	2023-02-24	22:04:49	9.3835 S	113.5490 E	5 km	3.3	South of Java, Indonesia
629	2023-02-24	22:39:38	7.8131 S	110.3905 E	10 km	1.5	Java, Indonesia
630	2023-02-25	00:01:00	8.8229 S	111.1120 E	22 km	2.8	Java, Indonesia
631	2023-02-25	06:02:42	7.9338 S	110.4984 E	15 km	1.7	Java, Indonesia
632	2023-02-25	06:37:18	9.3468 S	113.5361 E	12 km	3.3	South of Java, Indonesia
633	2023-02-25	08:46:18	7.8299 S	110.5140 E	3 km	1.9	Java, Indonesia
634	2023-02-25	08:57:11	8.7815 S	111.6119 E	23 km	2.9	Java, Indonesia
635	2023-02-25	09:02:29	8.8419 S	110.7996 E	8 km	2.8	Java, Indonesia
636	2023-02-25	12:29:46	9.3571 S	113.4914 E	4 km	3.2	South of Java, Indonesia
637	2023-02-25	17:20:59	7.2728 S	114.4053 E	5 km	3.0	Bali Sea
638	2023-02-25	23:02:27	9.1500 S	111.5107 E	10 km	3.4	South of Java, Indonesia
639	2023-02-26	02:40:11	8.8766 S	110.1482 E	8 km	3.1	Java, Indonesia
640	2023-02-26	04:08:05	8.9576 S	111.2039 E	14 km	3.0	Java, Indonesia
641	2023-02-26	05:08:08	8.7923 S	111.1503 E	53 km	3.1	Java, Indonesia
642	2023-02-26	06:46:55	8.7438 S	111.7045 E	34 km	2.7	Java, Indonesia
643	2023-02-26	07:19:17	9.1391 S	110.4145 E	10 km	3.1	South of Java, Indonesia
644	2023-02-26	09:08:21	8.8307 S	111.1288 E	25 km	2.9	Java, Indonesia
645	2023-02-26	12:00:15	8.3813 S	110.7891 E	10 km	2.5	Java, Indonesia
646	2023-02-26	12:27:34	6.7949 S	110.6190 E	9 km	3.0	Java, Indonesia
647	2023-02-26	13:00:20	9.4095 S	113.9099 E	10 km	3.5	South of Java, Indonesia
648	2023-02-26	13:29:27	8.9609 S	112.7184 E	10 km	3.1	Java, Indonesia
649	2023-02-26	14:10:01	8.9434 S	110.4135 E	10 km	3.0	Java, Indonesia
650	2023-02-26	16:09:36	9.0483 S	111.2007 E	12 km	2.9	South of Java, Indonesia
651	2023-02-26	21:24:53	10.5200 S	113.0050 E	10 km	3.7	South of Java, Indonesia
652	2023-02-26	23:00:36	8.6878 S	111.7320 E	10 km	2.6	Java, Indonesia
653	2023-02-26	23:40:49	7.9362 S	111.6307 E	10 km	1.7	Java, Indonesia
654	2023-02-27	00:04:02	9.0798 S	112.6038 E	10 km	2.9	South of Java, Indonesia

655	2023-02-27	00:08:29	8.6855 S	110.6475 E	24 km	2.8	Java, Indonesia
656	2023-02-27	01:56:09	10.0686 S	113.2484 E	5 km	3.7	South of Java, Indonesia
657	2023-02-27	11:10:39	8.7131 S	111.7170 E	28 km	2.9	Java, Indonesia
658	2023-02-27	15:58:47	8.6453 S	111.3724 E	7 km	2.9	Java, Indonesia
659	2023-02-27	16:35:21	7.9199 S	111.8248 E	44 km	3.0	Java, Indonesia
660	2023-02-27	21:36:58	9.0358 S	113.2435 E	11 km	3.4	South of Java, Indonesia
661	2023-02-27	22:22:14	8.6400 S	109.3700 E	20 km	3.2	Java, Indonesia
662	2023-02-27	22:30:46	8.9003 S	110.2951 E	20 km	3.0	Java, Indonesia
663	2023-02-28	03:22:35	9.3980 S	113.4988 E	10 km	4.1	South of Java, Indonesia
664	2023-02-28	05:26:18	7.9488 S	110.4940 E	15 km	1.8	Java, Indonesia
665	2023-02-28	06:13:03	7.9469 S	110.5459 E	113 km	2.4	Java, Indonesia
666	2023-02-28	06:27:48	9.2507 S	111.2890 E	9 km	3.4	South of Java, Indonesia
667	2023-02-28	09:34:40	9.0222 S	111.1721 E	9 km	3.0	South of Java, Indonesia
668	2023-02-28	12:17:46	8.9609 S	110.4374 E	55 km	3.1	Java, Indonesia
669	2023-02-28	12:36:46	8.8776 S	113.2647 E	76 km	3.0	Java, Indonesia
670	2023-03-01	00:59:06	8.8004 S	111.4030 E	22 km	2.9	Java, Indonesia
671	2023-03-01	11:50:39	9.7083 S	112.8263 E	8 km	3.2	South of Java, Indonesia
672	2023-03-01	13:36:37	7.9731 S	110.4897 E	10 km	2.4	Java, Indonesia
673	2023-03-01	15:36:24	9.1209 S	113.5553 E	27 km	3.0	South of Java, Indonesia
674	2023-03-01	16:06:05	8.7479 S	111.0356 E	28 km	2.7	Java, Indonesia
675	2023-03-01	16:29:38	7.9530 S	110.4868 E	10 km	1.8	Java, Indonesia
676	2023-03-01	16:47:59	8.3343 S	110.1152 E	58 km	2.7	Java, Indonesia
677	2023-03-01	17:51:23	7.4036 S	114.4386 E	5 km	2.9	Bali Sea
678	2023-03-01	18:18:40	8.7485 S	111.8918 E	10 km	2.6	Java, Indonesia
679	2023-03-01	18:53:32	8.8870 S	111.1076 E	10 km	2.6	Java, Indonesia
680	2023-03-01	21:25:41	9.0887 S	114.1874 E	44 km	3.6	South of Bali, Indonesia
681	2023-03-01	22:06:35	7.9424 S	110.4836 E	15 km	1.8	Java, Indonesia
682	2023-03-02	02:32:05	9.0988 S	111.2146 E	10 km	2.7	South of Java, Indonesia
683	2023-03-02	03:10:42	8.7292 S	110.2333 E	39 km	3.0	Java, Indonesia
684	2023-03-02	03:17:17	8.8840 S	112.7795 E	10 km	3.5	Java, Indonesia

685	2023-03-02	08:10:07	7.8890 S	110.4547 E	19 km	2.1	Java, Indonesia
686	2023-03-02	13:04:24	8.9695 S	109.3712 E	10 km	3.1	Java, Indonesia
687	2023-03-02	14:58:33	8.7832 S	110.3614 E	10 km	2.8	Java, Indonesia
688	2023-03-02	15:28:17	8.8864 S	109.8141 E	10 km	2.9	Java, Indonesia
689	2023-03-02	16:07:35	7.9973 S	110.4519 E	11 km	1.6	Java, Indonesia
690	2023-03-02	16:28:43	10.3627 S	113.3139 E	170 km	3.7	South of Java, Indonesia
691	2023-03-02	17:07:57	8.9887 S	110.1792 E	10 km	2.8	Java, Indonesia
692	2023-03-03	07:02:05	8.8374 S	111.1059 E	15 km	2.5	Java, Indonesia
693	2023-03-03	11:07:51	10.7110 S	113.1700 E	23 km	4.4	South of Java, Indonesia
694	2023-03-03	11:59:06	10.5803 S	113.0395 E	10 km	3.4	South of Java, Indonesia
695	2023-03-03	12:11:24	10.6151 S	113.1283 E	10 km	3.6	South of Java, Indonesia
696	2023-03-03	14:00:17	10.5219 S	113.5153 E	15 km	3.7	South of Java, Indonesia
697	2023-03-03	14:18:58	11.9963 S	113.7705 E	13 km	4.5	South of Java, Indonesia
698	2023-03-03	14:49:59	10.6630 S	113.1773 E	17 km	4.6	South of Java, Indonesia
699	2023-03-03	16:19:05	9.0504 S	110.8199 E	12 km	2.8	South of Java, Indonesia
700	2023-03-03	16:41:04	8.4821 S	111.4988 E	97 km	2.7	Java, Indonesia
701	2023-03-03	19:42:51	8.2506 S	108.7832 E	23 km	2.9	Java, Indonesia
702	2023-03-03	22:26:31	8.5958 S	108.7864 E	10 km	2.7	Java, Indonesia
703	2023-03-03	22:53:59	8.8250 S	111.3217 E	29 km	2.7	Java, Indonesia
704	2023-03-04	00:37:26	10.6195 S	113.1104 E	12 km	3.9	South of Java, Indonesia
705	2023-03-04	03:02:22	10.6429 S	113.0970 E	10 km	3.7	South of Java, Indonesia
706	2023-03-04	08:10:38	6.7265 S	111.0990 E	15 km	2.6	Java, Indonesia
707	2023-03-04	17:22:22	10.3424 S	113.3644 E	10 km	3.8	South of Java, Indonesia
708	2023-03-04	20:22:36	9.2062 S	111.1937 E	10 km	2.8	South of Java, Indonesia
709	2023-03-04	22:30:34	9.0217 S	111.2395 E	10 km	2.5	South of Java, Indonesia
710	2023-03-04	22:49:11	10.5087 S	113.2326 E	10 km	3.7	South of Java, Indonesia
711	2023-03-04	23:02:21	8.7368 S	111.0739 E	47 km	2.8	Java, Indonesia
712	2023-03-04	23:24:52	9.3168 S	110.3311 E	10 km	3.0	South of Java, Indonesia
713	2023-03-04	23:31:47	9.1381 S	110.3599 E	10 km	3.1	South of Java, Indonesia
714	2023-03-04	23:43:40	8.3024 S	110.7726 E	83 km	2.5	Java, Indonesia

715	2023-03-05	00:19:06	10.4393 S	113.1700 E	10 km	3.5	South of Java, Indonesia
716	2023-03-05	02:05:14	6.7754 S	112.0698 E	9 km	2.7	Java, Indonesia
717	2023-03-05	04:20:11	9.0574 S	110.4335 E	5 km	3.0	South of Java, Indonesia
718	2023-03-05	04:55:46	6.3304 S	112.8125 E	11 km	2.9	Java, Indonesia
719	2023-03-05	12:05:23	7.9321 S	110.4521 E	11 km	2.3	Java, Indonesia
720	2023-03-05	12:16:53	7.9572 S	110.4332 E	19 km	1.7	Java, Indonesia
721	2023-03-05	15:01:18	9.4592 S	114.7827 E	10 km	3.1	South of Bali, Indonesia
722	2023-03-05	15:51:17	9.4264 S	112.4408 E	10 km	2.9	South of Java, Indonesia
723	2023-03-05	16:05:42	9.0712 S	110.3099 E	10 km	3.1	South of Java, Indonesia
724	2023-03-05	16:16:39	8.9799 S	110.3198 E	26 km	3.0	Java, Indonesia
725	2023-03-06	01:50:08	9.4829 S	112.3513 E	10 km	4.7	South of Java, Indonesia
726	2023-03-06	02:09:16	9.3059 S	112.5627 E	10 km	3.0	South of Java, Indonesia
727	2023-03-06	05:44:09	7.7445 S	110.1990 E	14 km	2.2	Java, Indonesia
728	2023-03-06	05:46:45	8.9641 S	111.9306 E	8 km	2.6	Java, Indonesia
729	2023-03-06	07:05:37	8.7068 S	112.1948 E	66 km	2.2	Java, Indonesia
730	2023-03-06	11:50:24	9.1116 S	113.8410 E	10 km	3.5	South of Java, Indonesia
731	2023-03-06	14:58:19	8.7989 S	110.7644 E	20 km	2.6	Java, Indonesia
732	2023-03-06	21:06:52	8.8292 S	110.3237 E	18 km	3.1	Java, Indonesia
733	2023-03-06	22:27:35	8.6787 S	108.6496 E	10 km	2.4	Java, Indonesia
734	2023-03-07	13:06:24	9.0017 S	111.1819 E	14 km	2.3	South of Java, Indonesia
735	2023-03-07	16:42:26	9.1569 S	112.9059 E	18 km	3.2	South of Java, Indonesia
736	2023-03-07	18:33:01	8.6759 S	112.5092 E	97 km	2.2	Java, Indonesia
737	2023-03-07	20:21:02	8.9021 S	110.4592 E	29 km	2.3	Java, Indonesia
738	2023-03-07	20:38:52	7.8957 S	110.4433 E	14 km	1.5	Java, Indonesia
739	2023-03-08	02:39:46	8.4615 S	109.7689 E	33 km	2.5	Java, Indonesia
740	2023-03-08	08:15:28	7.9330 S	111.7127 E	10 km	1.9	Java, Indonesia
741	2023-03-08	11:58:32	8.9414 S	110.6425 E	10 km	2.5	Java, Indonesia
742	2023-03-08	13:35:49	9.1134 S	110.2756 E	10 km	2.6	South of Java, Indonesia
743	2023-03-08	14:59:12	8.9909 S	109.8023 E	10 km	2.7	Java, Indonesia
744	2023-03-08	15:08:38	9.3251 S	113.1707 E	10 km	2.8	South of Java, Indonesia

745	2023-03-08	15:22:55	11.3599 S	111.9654 E	10 km	4.7	South of Java, Indonesia
746	2023-03-08	15:40:12	8.7853 S	108.7303 E	10 km	2.8	Java, Indonesia
747	2023-03-08	21:14:17	10.7396 S	111.6701 E	10 km	3.4	South of Java, Indonesia
748	2023-03-08	21:24:37	8.8416 S	110.4750 E	10 km	2.3	Java, Indonesia
749	2023-03-08	23:04:56	8.8979 S	111.2509 E	17 km	4.2	Java, Indonesia
750	2023-03-08	23:11:49	8.9041 S	111.2679 E	12 km	2.4	Java, Indonesia
751	2023-03-09	11:43:50	9.7974 S	110.2935 E	10 km	3.1	South of Java, Indonesia
752	2023-03-09	16:33:43	8.6530 S	110.4837 E	18 km	2.4	Java, Indonesia
753	2023-03-09	18:51:04	8.9230 S	110.7767 E	90 km	2.7	Java, Indonesia
754	2023-03-09	21:18:08	8.8479 S	111.1507 E	10 km	2.7	Java, Indonesia
755	2023-03-09	22:04:40	9.0560 S	111.2073 E	10 km	2.3	South of Java, Indonesia
756	2023-03-10	02:40:18	8.8516 S	111.7109 E	14 km	2.7	Java, Indonesia
757	2023-03-10	09:53:29	9.1437 S	110.4573 E	2 km	2.8	South of Java, Indonesia
758	2023-03-10	15:14:48	10.0489 S	112.0975 E	14 km	3.1	South of Java, Indonesia
759	2023-03-10	22:39:18	8.7659 S	111.4114 E	29 km	2.7	Java, Indonesia
760	2023-03-10	23:31:05	9.0921 S	112.5526 E	25 km	2.9	South of Java, Indonesia
761	2023-03-11	01:28:05	7.1391 S	109.1714 E	29 km	1.9	Java, Indonesia
762	2023-03-11	04:50:21	7.5906 S	109.9901 E	13 km	2.2	Java, Indonesia
763	2023-03-11	06:33:34	9.7581 S	108.3537 E	10 km	4.3	South of Java, Indonesia
764	2023-03-11	07:38:13	6.1795 S	112.0822 E	5 km	3.7	Java, Indonesia
765	2023-03-11	10:41:26	7.1679 S	108.8949 E	2 km	2.4	Java, Indonesia
766	2023-03-11	11:37:02	8.6319 S	109.8891 E	12 km	2.4	Java, Indonesia
767	2023-03-11	15:27:05	9.2472 S	113.3595 E	10 km	2.9	South of Java, Indonesia
768	2023-03-11	16:25:08	8.9950 S	113.3383 E	47 km	2.9	Java, Indonesia
769	2023-03-11	17:44:44	9.0073 S	110.1684 E	49 km	2.5	South of Java, Indonesia
770	2023-03-11	19:48:08	9.1097 S	110.6891 E	14 km	2.4	South of Java, Indonesia
771	2023-03-11	22:13:39	10.3750 S	113.1898 E	10 km	3.4	South of Java, Indonesia
772	2023-03-11	23:21:26	10.3508 S	113.2955 E	10 km	3.5	South of Java, Indonesia
773	2023-03-11	23:57:14	10.3496 S	112.3774 E	10 km	3.3	South of Java, Indonesia
774	2023-03-12	01:15:34	9.0388 S	110.4163 E	10 km	2.4	South of Java, Indonesia

775	2023-03-12	01:35:12	9.4121 S	112.4531 E	10 km	2.9	South of Java, Indonesia
776	2023-03-12	02:57:44	8.6804 S	108.7895 E	10 km	2.4	Java, Indonesia
777	2023-03-12	17:30:40	8.8423 S	110.4797 E	21 km	2.4	Java, Indonesia
778	2023-03-13	03:07:58	8.3382 S	109.3279 E	29 km	2.5	Java, Indonesia
779	2023-03-13	03:23:56	6.5084 S	112.8142 E	606 km	3.5	Java, Indonesia
780	2023-03-13	03:36:22	6.4802 S	112.8171 E	588 km	3.4	Java, Indonesia
781	2023-03-13	03:51:19	10.1649 S	112.3517 E	576 km	3.7	South of Java, Indonesia
782	2023-03-13	06:13:01	8.7935 S	110.9203 E	11 km	2.4	Java, Indonesia
783	2023-03-13	06:49:28	9.0527 S	112.8916 E	10 km	3.1	South of Java, Indonesia
784	2023-03-13	09:06:46	10.4745 S	113.2532 E	10 km	3.5	South of Java, Indonesia
785	2023-03-13	15:09:14	10.2736 S	111.3985 E	60 km	3.3	South of Java, Indonesia
786	2023-03-13	20:54:15	8.9727 S	113.0067 E	35 km	2.5	Java, Indonesia
787	2023-03-13	22:55:33	8.9538 S	111.7348 E	10 km	2.6	Java, Indonesia
788	2023-03-13	23:57:34	8.9315 S	110.9181 E	38 km	3.0	Java, Indonesia
789	2023-03-14	02:17:17	8.7743 S	109.3943 E	8 km	3.1	Java, Indonesia
790	2023-03-14	09:42:58	8.8306 S	111.3851 E	224 km	2.7	Java, Indonesia
791	2023-03-14	15:16:01	8.8544 S	111.1773 E	15 km	3.0	Java, Indonesia
792	2023-03-14	18:00:19	9.4491 S	111.6197 E	10 km	3.0	South of Java, Indonesia
793	2023-03-14	23:00:35	11.6381 S	111.1697 E	10 km	4.4	South of Java, Indonesia
794	2023-03-15	09:15:45	8.7776 S	110.3184 E	10 km	2.7	Java, Indonesia
795	2023-03-15	11:04:58	7.9873 S	110.4642 E	12 km	1.6	Java, Indonesia
796	2023-03-15	11:52:31	10.1721 S	110.8347 E	10 km	3.3	South of Java, Indonesia
797	2023-03-15	13:06:25	7.9828 S	110.4560 E	10 km	1.3	Java, Indonesia
798	2023-03-15	13:57:32	7.9359 S	110.4887 E	5 km	1.4	Java, Indonesia
799	2023-03-15	17:02:27	8.8973 S	111.1430 E	20 km	3.0	Java, Indonesia
800	2023-03-15	17:38:14	8.4976 S	110.7917 E	2 km	2.4	Java, Indonesia
801	2023-03-15	21:33:34	7.8552 S	110.5208 E	13 km	2.1	Java, Indonesia
802	2023-03-15	23:38:55	9.3614 S	113.9843 E	10 km	3.7	South of Java, Indonesia
803	2023-03-15	23:40:09	9.3749 S	114.0051 E	18 km	3.6	South of Bali, Indonesia
804	2023-03-16	02:35:55	8.1405 S	114.7599 E	4 km	3.3	Bali Region, Indonesia

805	2023-03-16	04:46:11	9.2033 S	111.3316 E	10 km	2.7	South of Java, Indonesia
806	2023-03-16	05:22:47	10.3932 S	113.1071 E	10 km	5.7	South of Java, Indonesia
807	2023-03-16	05:29:41	10.3117 S	113.1577 E	10 km	3.7	South of Java, Indonesia
808	2023-03-16	06:07:16	8.8596 S	109.7485 E	25 km	3.1	Java, Indonesia
809	2023-03-16	06:30:59	10.3480 S	113.3857 E	10 km	3.7	South of Java, Indonesia
810	2023-03-16	07:36:10	10.2805 S	113.1330 E	10 km	3.4	South of Java, Indonesia
811	2023-03-16	08:06:02	9.5385 S	113.0044 E	10 km	3.3	South of Java, Indonesia
812	2023-03-16	08:39:51	10.5715 S	113.3111 E	33 km	3.8	South of Java, Indonesia
813	2023-03-16	08:53:34	10.3928 S	113.1971 E	10 km	3.4	South of Java, Indonesia
814	2023-03-16	11:05:31	10.5888 S	113.2743 E	10 km	3.5	South of Java, Indonesia
815	2023-03-16	12:07:16	8.6834 S	112.1512 E	1 km	2.8	Java, Indonesia
816	2023-03-16	12:41:23	7.6589 S	110.4575 E	34 km	2.0	Java, Indonesia
817	2023-03-16	15:03:47	7.9913 S	110.4411 E	19 km	2.3	Java, Indonesia
818	2023-03-16	18:37:37	9.2597 S	115.5684 E	148 km	3.8	South of Bali, Indonesia
819	2023-03-16	22:26:10	8.1726 S	115.5126 E	5 km	2.5	Bali Region, Indonesia
820	2023-03-16	22:49:31	10.3743 S	111.8536 E	10 km	3.2	South of Java, Indonesia
821	2023-03-17	09:15:07	8.6709 S	112.4999 E	103 km	2.9	Java, Indonesia
822	2023-03-17	12:05:28	8.9784 S	109.8100 E	10 km	5.8	Java, Indonesia
823	2023-03-17	12:52:13	8.5518 S	109.4270 E	10 km	2.7	Java, Indonesia
824	2023-03-17	13:56:02	8.8813 S	111.4486 E	6 km	2.5	Java, Indonesia
825	2023-03-17	15:53:01	8.9721 S	111.2633 E	14 km	2.5	Java, Indonesia
826	2023-03-17	16:25:37	8.4178 S	109.0034 E	17 km	3.0	Java, Indonesia
827	2023-03-17	16:35:42	8.3884 S	110.1605 E	5 km	2.5	Java, Indonesia
828	2023-03-17	17:25:14	9.3254 S	113.4007 E	11 km	2.6	South of Java, Indonesia
829	2023-03-17	18:14:59	9.0205 S	109.7266 E	14 km	2.7	South of Java, Indonesia
830	2023-03-17	19:25:36	8.8744 S	111.1228 E	46 km	2.3	Java, Indonesia
831	2023-03-17	20:52:15	9.1945 S	109.6765 E	12 km	3.2	South of Java, Indonesia
832	2023-03-17	21:43:17	8.3379 S	108.8947 E	77 km	4.1	Java, Indonesia
833	2023-03-17	23:41:05	8.9326 S	109.8699 E	10 km	2.6	Java, Indonesia
834	2023-03-18	00:54:10	8.9829 S	110.4067 E	21 km	2.6	Java, Indonesia

835	2023-03-18	03:20:18	10.2828 S	113.1908 E	5 km	3.7	South of Java, Indonesia
836	2023-03-18	05:24:14	8.9299 S	109.7523 E	14 km	3.2	Java, Indonesia
837	2023-03-18	07:20:16	8.5488 S	109.1654 E	60 km	2.6	Java, Indonesia
838	2023-03-18	09:33:32	8.8826 S	110.1572 E	181 km	2.9	Java, Indonesia
839	2023-03-18	09:45:50	8.9308 S	109.7435 E	21 km	2.9	Java, Indonesia
840	2023-03-18	12:21:32	8.9671 S	111.9672 E	10 km	2.5	Java, Indonesia
841	2023-03-18	12:37:10	9.2327 S	110.1936 E	10 km	2.8	South of Java, Indonesia
842	2023-03-18	13:36:59	8.6138 S	109.9510 E	5 km	2.4	Java, Indonesia
843	2023-03-18	16:24:49	8.3587 S	108.8845 E	63 km	2.2	Java, Indonesia
844	2023-03-18	18:25:16	10.4544 S	113.1968 E	10 km	3.2	South of Java, Indonesia
845	2023-03-19	00:38:20	8.2233 S	111.7830 E	112 km	1.9	Java, Indonesia
846	2023-03-19	01:20:15	10.9020 S	112.1300 E	10 km	3.8	South of Java, Indonesia
847	2023-03-19	05:47:03	9.2953 S	111.8240 E	10 km	2.7	South of Java, Indonesia
848	2023-03-19	10:29:55	8.0622 S	110.7225 E	6 km	1.6	Java, Indonesia
849	2023-03-19	13:17:55	7.7802 S	110.4972 E	10 km	1.2	Java, Indonesia
850	2023-03-19	17:01:51	8.2846 S	110.2729 E	10 km	2.2	Java, Indonesia
851	2023-03-19	17:20:00	8.1486 S	112.0820 E	7 km	2.7	Java, Indonesia
852	2023-03-19	18:38:20	7.9517 S	110.4730 E	14 km	1.7	Java, Indonesia
853	2023-03-19	18:44:59	8.7794 S	111.1231 E	16 km	2.4	Java, Indonesia
854	2023-03-19	19:59:30	8.7219 S	111.1777 E	33 km	2.4	Java, Indonesia
855	2023-03-19	20:06:16	8.5867 S	109.8668 E	16 km	2.5	Java, Indonesia
856	2023-03-19	20:33:29	8.0218 S	108.1371 E	64 km	2.8	Java, Indonesia
857	2023-03-19	21:02:52	10.4894 S	113.1808 E	10 km	3.4	South of Java, Indonesia
858	2023-03-20	00:02:07	8.9305 S	111.0130 E	10 km	2.6	Java, Indonesia
859	2023-03-20	00:36:52	10.4346 S	112.8282 E	10 km	3.5	South of Java, Indonesia
860	2023-03-20	01:30:24	8.6114 S	110.9071 E	30 km	2.5	Java, Indonesia
861	2023-03-20	03:12:37	8.2596 S	111.6991 E	112 km	2.9	Java, Indonesia
862	2023-03-20	09:12:41	8.6427 S	108.6316 E	10 km	2.5	Java, Indonesia
863	2023-03-20	10:07:38	8.6737 S	108.6247 E	10 km	2.8	Java, Indonesia
864	2023-03-20	10:47:22	9.0164 S	110.3839 E	11 km	2.7	South of Java, Indonesia

865	2023-03-20	10:52:24	8.0285 S	110.0670 E	10 km	2.0	Java, Indonesia
866	2023-03-20	11:57:11	8.7372 S	110.3132 E	12 km	2.8	Java, Indonesia
867	2023-03-20	14:19:56	8.5386 S	109.7198 E	30 km	2.7	Java, Indonesia
868	2023-03-20	15:08:40	7.8102 S	111.5722 E	6 km	1.8	Java, Indonesia
869	2023-03-20	15:42:07	8.0416 S	113.3527 E	17 km	1.8	Java, Indonesia
870	2023-03-20	17:13:56	8.4830 S	111.3705 E	70 km	2.3	Java, Indonesia
871	2023-03-20	18:23:02	8.0133 S	110.5652 E	5 km	1.3	Java, Indonesia
872	2023-03-20	20:54:35	9.0972 S	110.4076 E	10 km	3.0	South of Java, Indonesia
873	2023-03-20	21:10:49	10.2579 S	113.4622 E	10 km	3.4	South of Java, Indonesia
874	2023-03-20	21:19:30	9.0206 S	110.2589 E	40 km	2.7	South of Java, Indonesia
875	2023-03-20	21:31:12	8.9762 S	110.4807 E	11 km	2.5	Java, Indonesia
876	2023-03-20	22:14:10	8.8745 S	110.5661 E	10 km	2.5	Java, Indonesia
877	2023-03-21	00:02:05	8.5746 S	110.4666 E	10 km	2.4	Java, Indonesia
878	2023-03-21	05:26:15	8.4836 S	110.3872 E	10 km	2.4	Java, Indonesia
879	2023-03-21	06:43:33	8.5417 S	111.0394 E	20 km	2.2	Java, Indonesia
880	2023-03-21	09:59:30	8.8828 S	110.3367 E	28 km	2.9	Java, Indonesia
881	2023-03-21	13:08:14	8.5525 S	110.8588 E	65 km	2.4	Java, Indonesia
882	2023-03-21	14:07:37	8.9520 S	110.6828 E	51 km	2.8	Java, Indonesia
883	2023-03-21	15:01:25	8.8676 S	111.5743 E	10 km	3.0	Java, Indonesia
884	2023-03-21	18:34:56	8.5504 S	111.4077 E	15 km	2.4	Java, Indonesia
885	2023-03-21	20:51:35	8.9788 S	111.6045 E	15 km	2.6	Java, Indonesia
886	2023-03-22	03:25:42	8.8138 S	109.8380 E	8 km	2.8	Java, Indonesia
887	2023-03-22	11:03:17	8.6232 S	109.8943 E	10 km	3.3	Java, Indonesia
888	2023-03-22	17:05:47	8.9465 S	110.2894 E	12 km	2.6	Java, Indonesia
889	2023-03-22	18:39:32	7.8432 S	110.7580 E	9 km	1.6	Java, Indonesia
890	2023-03-22	19:54:55	8.0292 S	113.3285 E	11 km	2.0	Java, Indonesia
891	2023-03-22	20:05:09	8.9445 S	111.2249 E	22 km	2.7	Java, Indonesia
892	2023-03-22	20:16:06	8.4569 S	110.5555 E	103 km	2.3	Java, Indonesia
893	2023-03-22	22:53:52	8.6853 S	110.7718 E	10 km	2.4	Java, Indonesia
894	2023-03-22	23:08:45	8.9595 S	111.1542 E	14 km	2.7	Java, Indonesia

895	2023-03-22	23:38:36	9.0266 S	111.2393 E	16 km	2.8	South of Java, Indonesia
896	2023-03-23	00:32:58	8.7653 S	113.5540 E	75 km	2.9	Java, Indonesia
897	2023-03-23	01:40:51	8.9819 S	110.1942 E	14 km	2.8	Java, Indonesia
898	2023-03-23	02:12:09	8.9542 S	113.5661 E	10 km	2.9	Java, Indonesia
899	2023-03-23	02:59:41	8.5836 S	111.8364 E	109 km	2.7	Java, Indonesia
900	2023-03-23	05:32:34	8.9180 S	110.3158 E	9 km	3.2	Java, Indonesia
901	2023-03-23	07:27:08	8.6121 S	109.7525 E	11 km	2.8	Java, Indonesia
902	2023-03-23	15:23:37	8.9144 S	113.0128 E	41 km	2.4	Java, Indonesia
903	2023-03-23	17:31:04	8.8516 S	111.4583 E	24 km	2.8	Java, Indonesia
904	2023-03-23	17:42:59	8.1019 S	110.4666 E	10 km	1.3	Java, Indonesia
905	2023-03-23	17:51:27	7.9371 S	110.4912 E	14 km	1.4	Java, Indonesia
906	2023-03-23	17:54:24	8.9354 S	112.8823 E	82 km	2.3	Java, Indonesia
907	2023-03-23	18:58:10	8.5052 S	108.8867 E	38 km	2.5	Java, Indonesia
908	2023-03-23	19:44:45	8.7534 S	113.4146 E	92 km	2.5	Java, Indonesia
909	2023-03-23	20:26:45	5.9603 S	110.8787 E	8 km	2.8	Java Sea
910	2023-03-23	21:08:10	9.1695 S	114.0010 E	9 km	3.0	South of Bali, Indonesia
911	2023-03-23	21:34:13	8.2760 S	111.9487 E	102 km	2.4	Java, Indonesia
912	2023-03-23	21:50:29	8.5678 S	110.5431 E	61 km	2.3	Java, Indonesia
913	2023-03-24	02:26:52	8.8197 S	113.3125 E	11 km	2.7	Java, Indonesia
914	2023-03-24	08:19:23	9.3124 S	111.6879 E	7 km	2.8	South of Java, Indonesia
915	2023-03-24	12:16:14	10.6959 S	113.2236 E	10 km	4.6	South of Java, Indonesia
916	2023-03-24	12:46:37	10.6350 S	113.2448 E	13 km	3.7	South of Java, Indonesia
917	2023-03-24	13:36:05	7.2006 S	109.8693 E	29 km	2.6	Java, Indonesia
918	2023-03-24	14:11:36	10.7541 S	113.2867 E	10 km	4.2	South of Java, Indonesia
919	2023-03-24	18:38:58	8.9391 S	111.1903 E	18 km	2.3	Java, Indonesia
920	2023-03-24	18:54:17	7.8685 S	110.4077 E	30 km	1.0	Java, Indonesia
921	2023-03-24	19:10:21	10.0739 S	113.2136 E	81 km	3.3	South of Java, Indonesia
922	2023-03-24	19:51:00	10.5114 S	113.3008 E	10 km	3.5	South of Java, Indonesia
923	2023-03-25	01:44:57	8.9285 S	111.2673 E	10 km	3.4	Java, Indonesia
924	2023-03-25	11:32:19	8.1013 S	110.6085 E	3 km	1.3	Java, Indonesia

925	2023-03-25	11:49:34	9.4027 S	112.8037 E	21 km	3.1	South of Java, Indonesia
926	2023-03-25	12:45:11	8.9205 S	111.2555 E	13 km	2.7	Java, Indonesia
927	2023-03-25	13:06:10	8.0192 S	110.5765 E	5 km	1.2	Java, Indonesia
928	2023-03-25	13:32:43	8.3427 S	115.4770 E	13 km	2.2	Bali Region, Indonesia
929	2023-03-25	13:48:25	10.4397 S	113.1691 E	10 km	3.6	South of Java, Indonesia
930	2023-03-25	14:06:24	8.6746 S	111.2867 E	66 km	2.4	Java, Indonesia
931	2023-03-25	14:42:28	8.3693 S	108.8615 E	18 km	3.3	Java, Indonesia
932	2023-03-25	14:52:33	8.1149 S	110.7025 E	5 km	1.5	Java, Indonesia
933	2023-03-25	15:37:13	7.9534 S	110.4949 E	17 km	1.1	Java, Indonesia
934	2023-03-25	16:32:19	8.9417 S	109.7878 E	10 km	4.1	Java, Indonesia
935	2023-03-25	16:40:29	8.8860 S	114.1785 E	68 km	3.0	Bali Region, Indonesia
936	2023-03-25	16:50:28	11.1541 S	112.2289 E	10 km	3.7	South of Java, Indonesia
937	2023-03-25	18:43:49	7.9085 S	110.4594 E	14 km	1.2	Java, Indonesia
938	2023-03-25	19:59:42	7.8880 S	110.4223 E	4 km	1.1	Java, Indonesia
939	2023-03-25	20:58:03	7.9256 S	110.4881 E	12 km	1.0	Java, Indonesia
940	2023-03-25	21:36:10	9.0490 S	113.4671 E	30 km	2.5	South of Java, Indonesia
941	2023-03-25	23:25:16	10.9774 S	112.1420 E	10 km	3.8	South of Java, Indonesia
942	2023-03-25	23:48:12	9.0032 S	110.3845 E	10 km	2.6	South of Java, Indonesia
943	2023-03-26	00:15:08	7.7793 S	109.2219 E	10 km	2.5	Java, Indonesia
944	2023-03-26	01:10:28	10.5626 S	113.0745 E	10 km	3.8	South of Java, Indonesia
945	2023-03-26	01:45:20	8.8199 S	112.6539 E	23 km	3.6	Java, Indonesia
946	2023-03-26	04:32:16	8.3768 S	109.0791 E	23 km	2.4	Java, Indonesia
947	2023-03-26	06:11:48	8.7655 S	112.9959 E	113 km	2.6	Java, Indonesia
948	2023-03-26	06:21:42	8.9956 S	110.3684 E	10 km	2.6	Java, Indonesia
949	2023-03-26	07:03:25	9.6192 S	109.7209 E	10 km	3.1	South of Java, Indonesia
950	2023-03-26	11:32:50	10.4170 S	113.2134 E	10 km	3.5	South of Java, Indonesia
951	2023-03-26	12:21:05	11.3681 S	114.3047 E	10 km	3.9	South of Bali, Indonesia
952	2023-03-26	12:36:07	7.9659 S	110.4981 E	10 km	1.7	Java, Indonesia
953	2023-03-26	12:45:34	7.9403 S	111.5633 E	60 km	2.0	Java, Indonesia
954	2023-03-26	14:56:51	9.0359 S	113.3274 E	28 km	2.6	South of Java, Indonesia

955	2023-03-26	15:11:20	8.0763 S	110.3374 E	8 km	1.4	Java, Indonesia
956	2023-03-26	16:21:08	7.9438 S	110.4758 E	13 km	1.1	Java, Indonesia
957	2023-03-26	16:23:29	7.9468 S	110.5029 E	18 km	1.1	Java, Indonesia
958	2023-03-26	17:43:00	7.9113 S	110.4589 E	12 km	1.1	Java, Indonesia
959	2023-03-26	18:05:43	8.5381 S	109.2584 E	89 km	2.8	Java, Indonesia
960	2023-03-26	18:44:07	8.0701 S	111.6424 E	5 km	2.2	Java, Indonesia
961	2023-03-26	18:49:12	8.0452 S	110.5697 E	3 km	1.0	Java, Indonesia
962	2023-03-26	19:10:42	10.3505 S	113.1358 E	10 km	3.5	South of Java, Indonesia
963	2023-03-26	19:56:02	8.7916 S	110.9790 E	23 km	3.5	Java, Indonesia
964	2023-03-26	20:08:25	10.4217 S	113.1968 E	10 km	3.3	South of Java, Indonesia
965	2023-03-26	20:13:20	10.5619 S	113.2637 E	10 km	3.0	South of Java, Indonesia
966	2023-03-26	20:24:07	8.7240 S	111.0253 E	34 km	2.2	Java, Indonesia
967	2023-03-26	20:30:54	8.5973 S	110.7070 E	10 km	2.4	Java, Indonesia
968	2023-03-26	21:26:10	8.3177 S	110.6982 E	83 km	1.9	Java, Indonesia
969	2023-03-26	21:46:57	10.5938 S	113.1373 E	10 km	4.1	South of Java, Indonesia
970	2023-03-27	00:40:51	8.0325 S	111.6139 E	5 km	1.5	Java, Indonesia
971	2023-03-27	01:31:32	8.9013 S	110.2882 E	13 km	2.5	Java, Indonesia
972	2023-03-27	02:47:16	7.9930 S	111.1120 E	102 km	2.1	Java, Indonesia
973	2023-03-27	07:12:45	8.8617 S	111.1090 E	30 km	2.6	Java, Indonesia
974	2023-03-27	07:17:33	7.9036 S	110.4460 E	11 km	1.5	Java, Indonesia
975	2023-03-27	09:22:43	9.1485 S	110.3261 E	10 km	2.9	South of Java, Indonesia
976	2023-03-27	09:37:27	10.3623 S	113.2223 E	10 km	3.6	South of Java, Indonesia
977	2023-03-27	11:26:52	9.0421 S	110.6139 E	57 km	3.6	South of Java, Indonesia
978	2023-03-27	13:27:05	10.5033 S	113.1810 E	20 km	3.4	South of Java, Indonesia
979	2023-03-27	15:14:19	8.0439 S	110.5693 E	4 km	1.2	Java, Indonesia
980	2023-03-27	19:50:55	10.3110 S	113.1460 E	10 km	3.4	South of Java, Indonesia
981	2023-03-27	20:29:27	8.9081 S	111.1227 E	10 km	2.5	Java, Indonesia
982	2023-03-27	23:14:13	8.6966 S	110.3863 E	5 km	2.4	Java, Indonesia
983	2023-03-27	23:22:39	9.0455 S	112.4199 E	50 km	2.3	South of Java, Indonesia
984	2023-03-28	00:15:50	10.5922 S	113.3529 E	10 km	3.6	South of Java, Indonesia

985	2023-03-28	00:32:31	8.0628 S	109.4338 E	35 km	2.3	Java, Indonesia
986	2023-03-28	01:51:44	7.4093 S	114.4867 E	8 km	2.5	Bali Sea
987	2023-03-28	03:15:59	9.3824 S	111.9320 E	10 km	2.8	South of Java, Indonesia
988	2023-03-28	03:23:10	10.3383 S	112.7682 E	10 km	3.5	South of Java, Indonesia
989	2023-03-28	04:32:29	9.0958 S	110.6968 E	10 km	2.7	South of Java, Indonesia
990	2023-03-28	05:55:26	8.2557 S	110.3574 E	10 km	2.1	Java, Indonesia
991	2023-03-28	10:23:27	8.9095 S	109.7762 E	16 km	2.8	Java, Indonesia
992	2023-03-28	11:05:22	8.2570 S	110.1186 E	10 km	2.1	Java, Indonesia
993	2023-03-28	14:39:16	7.9290 S	110.4622 E	18 km	1.6	Java, Indonesia
994	2023-03-28	14:55:02	7.8636 S	110.5359 E	11 km	1.0	Java, Indonesia
995	2023-03-28	16:34:27	7.3265 S	110.2208 E	10 km	2.6	Java, Indonesia
996	2023-03-28	18:47:40	9.5025 S	115.0238 E	12 km	2.9	South of Bali, Indonesia
997	2023-03-28	18:55:08	8.9005 S	111.1750 E	45 km	2.4	Java, Indonesia
998	2023-03-28	19:05:37	10.1835 S	113.2080 E	10 km	3.4	South of Java, Indonesia
999	2023-03-28	20:19:47	8.5938 S	110.5794 E	28 km	2.3	Java, Indonesia
1000	2023-03-28	22:46:23	7.1178 S	115.3907 E	10 km	3.2	Bali Sea
1001	2023-03-29	03:22:38	8.0176 S	110.5530 E	5 km	1.1	Java, Indonesia
1002	2023-03-29	05:59:40	8.8188 S	110.7808 E	15 km	2.8	Java, Indonesia
1003	2023-03-29	07:05:37	8.0094 S	110.5507 E	4 km	1.1	Java, Indonesia
1004	2023-03-29	07:09:48	10.2563 S	113.1506 E	10 km	3.6	South of Java, Indonesia
1005	2023-03-29	09:16:55	10.6235 S	113.0062 E	12 km	3.7	South of Java, Indonesia
1006	2023-03-29	12:16:26	8.8109 S	112.1637 E	53 km	3.3	Java, Indonesia
1007	2023-03-29	13:01:23	7.9574 S	112.6970 E	6 km	2.5	Java, Indonesia
1008	2023-03-29	13:15:57	7.5208 S	110.6701 E	8 km	1.9	Java, Indonesia
1009	2023-03-29	14:14:48	8.6722 S	110.3945 E	10 km	2.3	Java, Indonesia
1010	2023-03-29	14:52:36	8.3278 S	111.9964 E	10 km	2.4	Java, Indonesia
1011	2023-03-29	15:12:51	7.8363 S	110.3602 E	12 km	1.9	Java, Indonesia
1012	2023-03-29	15:35:37	7.8025 S	110.3702 E	22 km	1.5	Java, Indonesia
1013	2023-03-29	16:13:08	8.0930 S	110.5688 E	10 km	1.1	Java, Indonesia
1014	2023-03-29	16:40:22	8.7860 S	112.2665 E	29 km	2.3	Java, Indonesia

1015	2023-03-29	16:56:04	8.8237 S	110.8591 E	13 km	2.3	Java, Indonesia
1016	2023-03-29	18:23:01	8.0390 S	110.6188 E	10 km	1.2	Java, Indonesia
1017	2023-03-29	18:32:33	9.3337 S	114.7786 E	47 km	3.4	South of Bali, Indonesia
1018	2023-03-29	18:35:39	8.2832 S	111.8378 E	104 km	2.1	Java, Indonesia
1019	2023-03-29	19:40:32	8.6004 S	111.7166 E	60 km	2.0	Java, Indonesia
1020	2023-03-29	19:48:33	8.4158 S	110.8151 E	10 km	2.1	Java, Indonesia
1021	2023-03-29	20:04:27	8.0589 S	110.5070 E	5 km	0.9	Java, Indonesia
1022	2023-03-29	20:58:14	9.1887 S	113.5023 E	10 km	3.0	South of Java, Indonesia
1023	2023-03-29	21:52:03	6.7175 S	110.6625 E	97 km	2.5	Java, Indonesia
1024	2023-03-30	02:22:03	7.9723 S	110.5371 E	15 km	1.1	Java, Indonesia
1025	2023-03-30	02:45:01	8.6666 S	112.1389 E	51 km	2.3	Java, Indonesia
1026	2023-03-30	05:42:33	8.3820 S	110.4122 E	117 km	2.2	Java, Indonesia
1027	2023-03-30	08:09:58	8.4564 S	110.6219 E	10 km	2.2	Java, Indonesia
1028	2023-03-30	08:19:20	9.7607 S	112.7624 E	16 km	2.7	South of Java, Indonesia
1029	2023-03-30	08:39:10	7.5975 S	108.9582 E	215 km	2.1	Java, Indonesia
1030	2023-03-30	09:47:50	8.7245 S	111.1898 E	82 km	2.5	Java, Indonesia
1031	2023-03-30	11:55:25	8.8070 S	110.7363 E	15 km	2.4	Java, Indonesia
1032	2023-03-30	13:23:34	8.4449 S	109.7214 E	38 km	2.6	Java, Indonesia
1033	2023-03-30	13:26:23	8.3831 S	109.5314 E	10 km	2.8	Java, Indonesia
1034	2023-03-30	18:44:04	8.8448 S	110.1145 E	13 km	2.8	Java, Indonesia
1035	2023-03-30	19:14:58	9.2055 S	110.7204 E	0 km	3.0	South of Java, Indonesia
1036	2023-03-30	19:16:29	8.2851 S	110.3719 E	16 km	2.5	Java, Indonesia
1037	2023-03-30	20:04:07	7.9671 S	110.5037 E	7 km	1.5	Java, Indonesia
1038	2023-03-30	20:36:00	8.8954 S	111.0775 E	57 km	2.7	Java, Indonesia
1039	2023-03-30	22:13:58	8.9399 S	111.2017 E	5 km	2.7	Java, Indonesia
1040	2023-03-30	22:31:17	9.2105 S	110.6833 E	10 km	3.0	South of Java, Indonesia
1041	2023-03-30	22:57:10	7.5440 S	113.9497 E	250 km	3.1	Java, Indonesia
1042	2023-03-31	03:07:07	7.9501 S	110.4821 E	13 km	1.7	Java, Indonesia
1043	2023-03-31	04:12:50	8.7103 S	111.4100 E	10 km	2.6	Java, Indonesia
1044	2023-03-31	04:20:25	9.1169 S	110.6478 E	10 km	3.1	South of Java, Indonesia

1045	2023-03-31	06:24:51	9.4047 S	112.2127 E	10 km	3.3	South of Java, Indonesia
1046	2023-03-31	08:28:35	9.6362 S	115.0220 E	2 km	5.1	South of Bali, Indonesia
1047	2023-03-31	09:35:07	9.1253 S	110.2175 E	10 km	3.1	South of Java, Indonesia
1048	2023-03-31	11:43:38	9.0725 S	111.2690 E	10 km	3.1	South of Java, Indonesia
1049	2023-03-31	11:53:12	7.9182 S	110.5950 E	11 km	1.6	Java, Indonesia
1050	2023-03-31	11:54:35	9.1227 S	112.8949 E	10 km	3.2	South of Java, Indonesia
1051	2023-03-31	12:23:09	8.7448 S	109.3534 E	10 km	3.8	Java, Indonesia
1052	2023-03-31	13:06:40	7.8903 S	110.5853 E	5 km	1.4	Java, Indonesia
1053	2023-03-31	14:55:39	8.7696 S	110.9024 E	30 km	2.7	Java, Indonesia
1054	2023-03-31	15:26:21	7.9395 S	110.3446 E	4 km	2.0	Java, Indonesia
1055	2023-03-31	16:03:43	7.9369 S	110.4766 E	12 km	1.3	Java, Indonesia
1056	2023-03-31	16:05:30	7.9877 S	110.5201 E	10 km	1.1	Java, Indonesia
1057	2023-03-31	17:57:20	7.9559 S	110.9050 E	88 km	2.1	Java, Indonesia
1058	2023-03-31	18:18:06	8.2568 S	108.5503 E	14 km	3.6	Java, Indonesia
1059	2023-03-31	21:26:16	8.8188 S	112.1852 E	70 km	2.6	Java, Indonesia
1060	2023-03-31	22:09:40	8.3630 S	110.3581 E	6 km	2.3	Java, Indonesia
1061	2023-03-31	23:08:26	8.9032 S	111.7730 E	28 km	3.1	Java, Indonesia
1062	2023-03-31	23:25:46	8.9014 S	110.0337 E	10 km	3.3	Java, Indonesia
1063	2023-03-31	23:43:06	10.4605 S	113.1686 E	10 km	4.0	South of Java, Indonesia
1064	2023-04-01	00:06:49	10.5083 S	113.3250 E	10 km	3.7	South of Java, Indonesia
1065	2023-04-01	00:55:51	8.7969 S	112.3398 E	32 km	2.6	Java, Indonesia
1066	2023-04-01	02:19:56	8.2786 S	112.1414 E	109 km	2.3	Java, Indonesia
1067	2023-04-01	06:36:34	10.5035 S	113.1904 E	10 km	3.8	South of Java, Indonesia
1068	2023-04-01	08:39:15	7.8761 S	110.3303 E	10 km	1.9	Java, Indonesia
1069	2023-04-01	08:46:12	8.1020 S	110.3081 E	29 km	2.4	Java, Indonesia
1070	2023-04-01	12:36:22	10.3809 S	110.9373 E	10 km	3.5	South of Java, Indonesia
1071	2023-04-01	13:39:19	8.8239 S	110.8840 E	10 km	2.5	Java, Indonesia
1072	2023-04-01	14:01:30	7.9829 S	110.6436 E	92 km	1.6	Java, Indonesia
1073	2023-04-01	16:46:22	8.8063 S	110.5132 E	23 km	2.7	Java, Indonesia
1074	2023-04-01	17:42:50	9.0397 S	110.3957 E	24 km	2.6	South of Java, Indonesia

1075	2023-04-01	19:37:52	9.0987 S	110.5438 E	10 km	2.5	South of Java, Indonesia
1076	2023-04-01	20:40:40	8.7513 S	110.4140 E	13 km	2.4	Java, Indonesia
1077	2023-04-01	21:13:30	8.8749 S	111.0711 E	54 km	2.4	Java, Indonesia
1078	2023-04-01	21:26:18	9.1207 S	111.3330 E	10 km	2.9	South of Java, Indonesia
1079	2023-04-01	21:32:55	9.0349 S	111.4229 E	83 km	2.7	South of Java, Indonesia
1080	2023-04-01	22:14:08	8.5873 S	110.9753 E	10 km	2.4	Java, Indonesia
1081	2023-04-01	22:22:35	8.8187 S	110.9484 E	27 km	2.5	Java, Indonesia
1082	2023-04-01	23:09:56	8.8510 S	112.4857 E	33 km	3.0	Java, Indonesia
1083	2023-04-02	00:00:56	8.9151 S	110.5873 E	13 km	2.4	Java, Indonesia
1084	2023-04-02	00:55:09	9.2386 S	110.6737 E	2 km	2.6	South of Java, Indonesia
1085	2023-04-02	01:58:40	8.9235 S	111.1942 E	17 km	2.4	Java, Indonesia
1086	2023-04-02	07:32:16	8.9221 S	111.6309 E	7 km	2.4	Java, Indonesia
1087	2023-04-02	08:24:05	7.9644 S	109.9524 E	111 km	3.5	Java, Indonesia
1088	2023-04-02	09:38:20	10.4353 S	113.1632 E	10 km	3.5	South of Java, Indonesia
1089	2023-04-02	12:06:15	10.8349 S	111.8938 E	30 km	3.7	South of Java, Indonesia
1090	2023-04-02	12:57:27	8.6493 S	110.5685 E	19 km	2.5	Java, Indonesia
1091	2023-04-02	13:36:13	7.9694 S	110.5195 E	20 km	1.1	Java, Indonesia
1092	2023-04-02	14:34:36	10.4206 S	112.3987 E	10 km	3.4	South of Java, Indonesia
1093	2023-04-02	14:57:09	7.7709 S	110.2988 E	18 km	1.6	Java, Indonesia
1094	2023-04-02	17:28:18	8.2348 S	111.3472 E	11 km	2.4	Java, Indonesia
1095	2023-04-02	19:20:59	9.0187 S	110.5453 E	2 km	2.8	South of Java, Indonesia
1096	2023-04-02	19:24:17	8.0682 S	110.5845 E	3 km	1.2	Java, Indonesia
1097	2023-04-02	21:16:26	8.8510 S	110.3308 E	10 km	2.6	Java, Indonesia
1098	2023-04-02	22:27:21	8.9245 S	114.2415 E	59 km	3.1	Bali Region, Indonesia
1099	2023-04-03	02:06:43	9.0473 S	110.5107 E	15 km	2.8	South of Java, Indonesia
1100	2023-04-03	06:08:27	9.0033 S	110.4676 E	6 km	2.9	South of Java, Indonesia
1101	2023-04-03	07:47:09	8.8706 S	111.0849 E	63 km	2.4	Java, Indonesia
1102	2023-04-03	08:55:56	8.4242 S	110.7116 E	10 km	2.4	Java, Indonesia
1103	2023-04-03	11:22:03	8.4160 S	110.8435 E	9 km	2.2	Java, Indonesia
1104	2023-04-03	12:28:54	8.9494 S	111.3004 E	58 km	2.7	Java, Indonesia

1105	2023-04-03	13:55:36	8.7820 S	111.2967 E	23 km	2.5	Java, Indonesia
1106	2023-04-03	17:23:28	9.6376 S	112.8333 E	10 km	2.8	South of Java, Indonesia
1107	2023-04-03	19:15:34	8.0101 S	110.5695 E	164 km	2.3	Java, Indonesia
1108	2023-04-03	19:53:00	8.5098 S	110.6995 E	10 km	2.2	Java, Indonesia
1109	2023-04-03	22:04:05	8.5717 S	110.0994 E	16 km	2.4	Java, Indonesia
1110	2023-04-03	22:35:10	8.4862 S	110.7258 E	11 km	2.5	Java, Indonesia
1111	2023-04-03	23:38:10	8.0233 S	110.6573 E	4 km	1.3	Java, Indonesia
1112	2023-04-04	00:06:37	8.0409 S	110.5973 E	92 km	1.8	Java, Indonesia
1113	2023-04-04	05:32:13	8.1344 S	110.6321 E	3 km	1.5	Java, Indonesia
1114	2023-04-04	06:31:17	8.8547 S	111.1048 E	64 km	2.5	Java, Indonesia
1115	2023-04-04	09:41:38	8.9972 S	111.2207 E	15 km	2.5	Java, Indonesia
1116	2023-04-04	12:45:03	8.6645 S	110.9522 E	2 km	2.3	Java, Indonesia
1117	2023-04-04	12:59:38	7.5939 S	108.4919 E	98 km	3.9	Java, Indonesia
1118	2023-04-04	15:46:53	8.6240 S	110.9644 E	6 km	2.3	Java, Indonesia
1119	2023-04-04	16:02:10	8.1343 S	111.2061 E	12 km	1.8	Java, Indonesia
1120	2023-04-04	17:20:37	8.8457 S	111.1493 E	23 km	2.4	Java, Indonesia
1121	2023-04-04	18:18:06	8.6901 S	110.2044 E	51 km	2.6	Java, Indonesia
1122	2023-04-04	19:56:17	10.4174 S	113.1384 E	10 km	4.0	South of Java, Indonesia
1123	2023-04-04	20:21:21	8.6948 S	111.2834 E	24 km	2.8	Java, Indonesia
1124	2023-04-05	00:53:07	8.0006 S	110.5232 E	7 km	1.2	Java, Indonesia
1125	2023-04-05	01:21:43	8.4537 S	110.8177 E	10 km	2.3	Java, Indonesia
1126	2023-04-05	01:24:43	8.8677 S	110.5864 E	10 km	2.4	Java, Indonesia
1127	2023-04-05	02:34:44	8.9315 S	110.5281 E	12 km	2.5	Java, Indonesia
1128	2023-04-05	04:03:33	8.9545 S	111.0545 E	21 km	2.5	Java, Indonesia
1129	2023-04-05	04:37:26	8.7552 S	111.3919 E	10 km	2.4	Java, Indonesia
1130	2023-04-05	05:46:50	8.3955 S	111.3816 E	6 km	2.1	Java, Indonesia
1131	2023-04-05	06:35:44	9.3466 S	112.8142 E	10 km	2.6	South of Java, Indonesia
1132	2023-04-05	08:03:49	7.7425 S	110.2228 E	10 km	2.1	Java, Indonesia
1133	2023-04-05	08:28:43	7.5273 S	109.4318 E	60 km	2.3	Java, Indonesia
1134	2023-04-05	11:05:57	9.0750 S	110.3716 E	10 km	2.5	South of Java, Indonesia

1135	2023-04-05	12:30:51	8.3460 S	109.0793 E	30 km	3.1	Java, Indonesia
1136	2023-04-05	13:27:42	7.1888 S	114.0584 E	64 km	3.0	Bali Sea
1137	2023-04-05	15:52:52	8.7958 S	110.8502 E	11 km	2.5	Java, Indonesia
1138	2023-04-05	19:56:35	8.6951 S	110.9144 E	18 km	2.5	Java, Indonesia
1139	2023-04-06	01:04:57	7.9713 S	110.4313 E	11 km	1.1	Java, Indonesia
1140	2023-04-06	01:54:15	10.6935 S	110.8276 E	170 km	3.6	South of Java, Indonesia
1141	2023-04-06	03:06:03	9.1913 S	110.5155 E	10 km	2.5	South of Java, Indonesia
1142	2023-04-06	03:19:32	8.5913 S	110.9667 E	10 km	2.2	Java, Indonesia
1143	2023-04-06	03:32:28	8.5121 S	111.0496 E	23 km	2.2	Java, Indonesia
1144	2023-04-06	04:27:43	8.8173 S	110.5453 E	17 km	2.3	Java, Indonesia
1145	2023-04-06	05:07:39	8.0881 S	109.1645 E	10 km	2.9	Java, Indonesia
1146	2023-04-06	06:43:31	10.6383 S	113.1467 E	10 km	4.8	South of Java, Indonesia
1147	2023-04-06	08:24:42	8.8499 S	113.5183 E	281 km	2.9	Java, Indonesia
1148	2023-04-06	11:31:20	8.0080 S	110.5323 E	10 km	1.1	Java, Indonesia
1149	2023-04-06	11:37:54	8.4040 S	112.2971 E	88 km	2.9	Java, Indonesia
1150	2023-04-06	12:30:05	8.5938 S	111.3435 E	23 km	2.2	Java, Indonesia
1151	2023-04-06	12:59:26	8.7842 S	111.4153 E	95 km	2.9	Java, Indonesia
1152	2023-04-06	14:20:44	8.7409 S	110.5546 E	12 km	2.4	Java, Indonesia
1153	2023-04-06	16:21:59	9.1325 S	110.6211 E	10 km	2.5	South of Java, Indonesia
1154	2023-04-06	16:49:32	8.2063 S	109.1035 E	38 km	2.5	Java, Indonesia
1155	2023-04-06	16:53:56	9.5624 S	111.3934 E	10 km	2.7	South of Java, Indonesia
1156	2023-04-06	17:28:20	8.8559 S	110.4784 E	22 km	2.3	Java, Indonesia
1157	2023-04-06	20:52:14	8.7694 S	112.1584 E	56 km	2.6	Java, Indonesia
1158	2023-04-07	01:11:46	9.5536 S	114.0861 E	10 km	3.0	South of Bali, Indonesia
1159	2023-04-07	01:13:54	8.7840 S	111.4844 E	9 km	2.3	Java, Indonesia
1160	2023-04-07	08:14:13	8.1775 S	110.4748 E	82 km	2.0	Java, Indonesia
1161	2023-04-07	09:12:00	8.6733 S	110.8108 E	10 km	2.4	Java, Indonesia
1162	2023-04-07	09:15:32	8.9179 S	110.7142 E	10 km	2.5	Java, Indonesia
1163	2023-04-07	10:15:45	8.2728 S	111.3880 E	9 km	2.0	Java, Indonesia
1164	2023-04-07	14:47:33	8.2224 S	109.1329 E	33 km	2.4	Java, Indonesia

1165	2023-04-07	16:29:16	8.0371 S	110.1300 E	15 km	1.7	Java, Indonesia
1166	2023-04-07	16:50:21	7.9981 S	110.5065 E	10 km	1.3	Java, Indonesia
1167	2023-04-07	16:57:41	9.0094 S	113.3361 E	32 km	2.4	South of Java, Indonesia
1168	2023-04-07	17:09:12	8.0174 S	110.5229 E	8 km	1.1	Java, Indonesia
1169	2023-04-07	18:26:01	7.9566 S	110.3476 E	8 km	1.2	Java, Indonesia
1170	2023-04-07	19:12:47	8.0543 S	110.5491 E	10 km	0.8	Java, Indonesia
1171	2023-04-07	19:26:45	8.8187 S	109.6937 E	10 km	2.4	Java, Indonesia
1172	2023-04-07	20:05:11	10.6076 S	113.0932 E	10 km	3.0	South of Java, Indonesia
1173	2023-04-07	21:04:11	7.9501 S	110.5220 E	12 km	2.5	Java, Indonesia
1174	2023-04-07	21:37:54	8.8330 S	113.3942 E	10 km	2.8	Java, Indonesia
1175	2023-04-07	22:21:00	7.4075 S	108.3285 E	138 km	2.6	Java, Indonesia
1176	2023-04-07	22:31:10	8.8583 S	111.7007 E	14 km	2.2	Java, Indonesia
1177	2023-04-07	23:50:59	8.0562 S	111.9323 E	124 km	2.1	Java, Indonesia
1178	2023-04-08	03:40:14	8.8351 S	111.1696 E	29 km	3.1	Java, Indonesia
1179	2023-04-08	05:11:13	8.4084 S	111.1564 E	10 km	2.3	Java, Indonesia
1180	2023-04-08	05:56:48	7.7573 S	113.5906 E	24 km	2.3	Java, Indonesia
1181	2023-04-08	07:13:22	8.5773 S	112.2651 E	91 km	3.3	Java, Indonesia
1182	2023-04-08	07:52:13	8.4493 S	110.9450 E	10 km	2.0	Java, Indonesia
1183	2023-04-08	09:16:33	7.9254 S	110.4964 E	20 km	1.9	Java, Indonesia
1184	2023-04-08	09:27:45	7.2032 S	109.0864 E	224 km	3.3	Java, Indonesia
1185	2023-04-08	11:44:05	8.7458 S	108.8460 E	10 km	2.5	Java, Indonesia
1186	2023-04-08	12:07:18	8.8258 S	111.1636 E	21 km	2.5	Java, Indonesia
1187	2023-04-08	15:43:19	8.0211 S	110.4394 E	113 km	1.8	Java, Indonesia
1188	2023-04-08	17:25:00	9.0156 S	112.9526 E	15 km	2.6	South of Java, Indonesia
1189	2023-04-08	18:12:09	10.9502 S	112.1870 E	10 km	3.5	South of Java, Indonesia
1190	2023-04-08	20:41:54	9.9477 S	108.6770 E	10 km	3.3	South of Java, Indonesia
1191	2023-04-08	20:44:19	8.7053 S	111.4304 E	26 km	2.4	Java, Indonesia
1192	2023-04-08	21:59:31	8.0869 S	110.7617 E	106 km	2.0	Java, Indonesia
1193	2023-04-08	22:30:55	8.5032 S	111.5482 E	12 km	2.5	Java, Indonesia
1194	2023-04-08	23:21:09	8.6960 S	111.2487 E	74 km	2.5	Java, Indonesia

1195	2023-04-09	01:51:37	8.6355 S	110.9509 E	10 km	2.5	Java, Indonesia
1196	2023-04-09	01:52:42	8.4958 S	110.9980 E	8 km	2.1	Java, Indonesia
1197	2023-04-09	05:16:46	8.1254 S	111.5880 E	4 km	1.4	Java, Indonesia
1198	2023-04-09	06:33:24	8.6939 S	112.2856 E	52 km	2.5	Java, Indonesia
1199	2023-04-09	08:14:47	8.6013 S	110.9608 E	10 km	2.3	Java, Indonesia
1200	2023-04-09	11:20:34	8.2785 S	111.5260 E	120 km	2.2	Java, Indonesia
1201	2023-04-09	11:58:03	8.0344 S	110.5642 E	3 km	1.2	Java, Indonesia
1202	2023-04-09	12:31:09	9.1032 S	109.8696 E	111 km	3.0	South of Java, Indonesia
1203	2023-04-09	14:40:50	8.9296 S	110.9019 E	62 km	2.5	Java, Indonesia
1204	2023-04-09	15:32:58	8.6286 S	110.9630 E	6 km	2.4	Java, Indonesia
1205	2023-04-09	16:08:40	8.5922 S	111.0293 E	62 km	2.2	Java, Indonesia
1206	2023-04-09	16:41:33	8.6701 S	110.4150 E	36 km	2.5	Java, Indonesia
1207	2023-04-09	18:28:31	7.9978 S	110.4563 E	14 km	1.3	Java, Indonesia
1208	2023-04-09	20:29:56	8.3207 S	109.1127 E	25 km	2.8	Java, Indonesia
1209	2023-04-09	20:57:45	8.4095 S	110.5538 E	66 km	2.3	Java, Indonesia
1210	2023-04-10	04:10:40	8.6447 S	111.2700 E	20 km	2.5	Java, Indonesia
1211	2023-04-10	05:08:52	8.4311 S	111.2181 E	101 km	2.8	Java, Indonesia
1212	2023-04-10	06:59:03	9.3998 S	113.4667 E	30 km	3.3	South of Java, Indonesia
1213	2023-04-10	09:04:18	8.7863 S	110.4092 E	10 km	2.7	Java, Indonesia
1214	2023-04-10	09:31:45	9.0374 S	113.6003 E	37 km	2.7	South of Java, Indonesia
1215	2023-04-10	11:18:07	8.8696 S	110.7835 E	31 km	2.8	Java, Indonesia
1216	2023-04-10	11:49:30	8.6614 S	110.9097 E	36 km	2.6	Java, Indonesia
1217	2023-04-10	12:43:00	9.2034 S	114.9317 E	48 km	2.9	South of Bali, Indonesia
1218	2023-04-10	14:48:08	8.4807 S	115.0268 E	11 km	2.9	Bali Region, Indonesia
1219	2023-04-10	18:28:37	8.7915 S	111.9955 E	31 km	2.8	Java, Indonesia
1220	2023-04-10	19:27:35	8.5169 S	110.8621 E	65 km	2.4	Java, Indonesia
1221	2023-04-10	19:40:44	9.6149 S	115.0153 E	25 km	3.2	South of Bali, Indonesia
1222	2023-04-10	20:01:14	7.5509 S	108.3287 E	208 km	3.5	Java, Indonesia
1223	2023-04-10	21:03:51	7.2440 S	111.8188 E	205 km	2.9	Java, Indonesia
1224	2023-04-10	21:37:29	10.5641 S	113.7377 E	10 km	3.8	South of Java, Indonesia

1225	2023-04-11	00:59:33	8.7247 S	112.0059 E	10 km	2.6	Java, Indonesia
1226	2023-04-11	05:04:30	8.9223 S	111.7363 E	14 km	2.8	Java, Indonesia
1227	2023-04-11	09:55:52	8.5009 S	110.8562 E	67 km	2.3	Java, Indonesia
1228	2023-04-11	10:10:11	8.7553 S	110.8599 E	20 km	2.6	Java, Indonesia
1229	2023-04-11	12:21:31	8.6436 S	112.6433 E	112 km	3.1	Java, Indonesia
1230	2023-04-11	12:53:02	8.6974 S	110.3049 E	10 km	2.6	Java, Indonesia
1231	2023-04-11	13:06:51	8.4106 S	111.7943 E	121 km	2.8	Java, Indonesia
1232	2023-04-11	13:41:14	9.5859 S	113.9796 E	10 km	2.9	South of Java, Indonesia
1233	2023-04-11	13:49:23	7.8924 S	110.5704 E	10 km	1.3	Java, Indonesia
1234	2023-04-11	14:56:19	8.9472 S	110.3980 E	13 km	2.8	Java, Indonesia
1235	2023-04-11	18:28:05	8.1192 S	108.1443 E	24 km	3.3	Java, Indonesia
1236	2023-04-11	19:19:50	8.4656 S	109.7235 E	37 km	2.8	Java, Indonesia
1237	2023-04-11	20:24:44	8.4616 S	110.8396 E	55 km	3.1	Java, Indonesia
1238	2023-04-11	20:41:35	8.0018 S	110.5286 E	6 km	1.2	Java, Indonesia
1239	2023-04-11	21:08:54	9.0487 S	113.0282 E	29 km	2.6	South of Java, Indonesia
1240	2023-04-11	21:13:04	9.3588 S	113.9119 E	23 km	2.9	South of Java, Indonesia
1241	2023-04-11	22:00:50	8.0835 S	114.8745 E	8 km	2.8	Bali Region, Indonesia
1242	2023-04-12	00:03:59	8.0967 S	110.7889 E	103 km	2.1	Java, Indonesia
1243	2023-04-12	05:53:50	9.1146 S	111.2753 E	9 km	2.9	South of Java, Indonesia
1244	2023-04-12	08:12:14	10.7153 S	111.7944 E	0 km	3.8	South of Java, Indonesia
1245	2023-04-12	08:32:12	10.4350 S	113.2742 E	19 km	4.5	South of Java, Indonesia
1246	2023-04-12	08:44:03	10.1206 S	113.1890 E	10 km	3.7	South of Java, Indonesia
1247	2023-04-12	09:49:39	10.2384 S	113.2454 E	10 km	3.7	South of Java, Indonesia
1248	2023-04-12	10:10:25	10.2878 S	113.2982 E	10 km	3.7	South of Java, Indonesia
1249	2023-04-12	10:34:37	10.3880 S	113.1247 E	10 km	3.8	South of Java, Indonesia
1250	2023-04-12	11:59:31	10.4083 S	113.1996 E	10 km	3.7	South of Java, Indonesia
1251	2023-04-12	12:40:41	8.4357 S	111.9127 E	81 km	2.9	Java, Indonesia
1252	2023-04-12	13:46:46	10.9470 S	112.2901 E	10 km	4.1	South of Java, Indonesia
1253	2023-04-12	17:13:33	8.3509 S	112.1409 E	241 km	2.9	Java, Indonesia
1254	2023-04-12	17:57:19	10.3567 S	113.2819 E	10 km	3.3	South of Java, Indonesia

1255	2023-04-12	18:09:09	8.6391 S	112.3395 E	72 km	2.7	Java, Indonesia
1256	2023-04-12	18:50:54	9.4651 S	113.5536 E	26 km	2.7	South of Java, Indonesia
1257	2023-04-12	20:16:55	9.8824 S	111.8200 E	10 km	3.3	South of Java, Indonesia
1258	2023-04-13	00:00:04	10.3900 S	112.3083 E	10 km	3.5	South of Java, Indonesia
1259	2023-04-13	00:11:03	8.0113 S	110.5246 E	10 km	1.5	Java, Indonesia
1260	2023-04-13	01:04:27	8.4711 S	112.7653 E	10 km	2.8	Java, Indonesia
1261	2023-04-13	01:18:10	8.7793 S	111.4778 E	15 km	2.8	Java, Indonesia
1262	2023-04-13	02:08:14	8.0437 S	111.6207 E	5 km	2.1	Java, Indonesia
1263	2023-04-13	03:39:41	9.1812 S	113.0887 E	15 km	3.4	South of Java, Indonesia
1264	2023-04-13	05:58:58	8.7590 S	111.2008 E	36 km	2.9	Java, Indonesia
1265	2023-04-13	10:13:52	7.1508 S	111.6829 E	10 km	2.1	Java, Indonesia
1266	2023-04-13	12:58:12	8.7527 S	110.5744 E	6 km	2.8	Java, Indonesia
1267	2023-04-13	14:25:49	8.5033 S	108.8247 E	9 km	2.6	Java, Indonesia
1268	2023-04-13	16:01:43	9.0170 S	110.9654 E	27 km	3.0	South of Java, Indonesia
1269	2023-04-13	16:50:06	10.7703 S	113.2215 E	10 km	3.8	South of Java, Indonesia
1270	2023-04-13	21:00:34	10.4209 S	113.8355 E	10 km	2.8	South of Java, Indonesia
1271	2023-04-13	22:17:26	10.4105 S	111.3328 E	10 km	3.8	South of Java, Indonesia
1272	2023-04-14	03:11:04	7.9276 S	110.4647 E	15 km	1.8	Java, Indonesia
1273	2023-04-14	05:30:15	8.1380 S	109.8036 E	89 km	2.8	Java, Indonesia
1274	2023-04-14	09:55:45	6.2737 S	111.9694 E	625 km	6.7	Java, Indonesia
1275	2023-04-14	10:37:54	6.2576 S	112.9244 E	612 km	5.7	Java, Indonesia
1276	2023-04-14	11:52:23	6.6284 S	112.0365 E	589 km	3.5	Java, Indonesia
1277	2023-04-14	14:19:11	8.9480 S	109.9307 E	5 km	3.4	Java, Indonesia
1278	2023-04-14	14:22:59	8.9440 S	109.9559 E	5 km	3.1	Java, Indonesia
1279	2023-04-14	14:24:06	8.8724 S	109.9530 E	10 km	3.0	Java, Indonesia
1280	2023-04-14	14:26:10	8.9191 S	109.8629 E	9 km	3.3	Java, Indonesia
1281	2023-04-14	15:17:15	8.9380 S	109.9335 E	9 km	3.0	Java, Indonesia
1282	2023-04-14	15:48:46	8.8355 S	109.8816 E	29 km	2.9	Java, Indonesia
1283	2023-04-14	17:12:15	9.2705 S	112.8680 E	8 km	2.7	South of Java, Indonesia
1284	2023-04-14	18:22:05	8.8911 S	111.7622 E	32 km	2.9	Java, Indonesia

1285	2023-04-14	22:28:22	9.2434 S	113.9649 E	10 km	2.9	South of Java, Indonesia
1286	2023-04-14	22:58:02	9.0411 S	113.0358 E	6 km	2.9	South of Java, Indonesia
1287	2023-04-14	23:15:09	8.4601 S	109.1015 E	30 km	3.1	Java, Indonesia
1288	2023-04-14	23:17:13	7.9540 S	110.4911 E	12 km	1.7	Java, Indonesia
1289	2023-04-15	00:24:32	8.7243 S	111.4981 E	14 km	2.9	Java, Indonesia
1290	2023-04-15	00:38:57	8.5980 S	110.9713 E	6 km	2.6	Java, Indonesia
1291	2023-04-15	01:19:12	8.4044 S	109.2092 E	34 km	3.3	Java, Indonesia
1292	2023-04-15	02:35:33	8.4252 S	110.6751 E	13 km	2.5	Java, Indonesia
1293	2023-04-15	04:39:25	8.7655 S	108.8654 E	2 km	3.4	Java, Indonesia
1294	2023-04-15	05:09:35	9.0586 S	112.2559 E	65 km	2.8	South of Java, Indonesia
1295	2023-04-15	10:33:27	8.9864 S	111.2344 E	10 km	3.2	Java, Indonesia
1296	2023-04-15	10:55:36	9.0282 S	111.2060 E	7 km	3.1	South of Java, Indonesia
1297	2023-04-15	11:13:09	9.0728 S	111.2948 E	10 km	3.3	South of Java, Indonesia
1298	2023-04-15	12:11:59	8.4369 S	110.7003 E	10 km	2.5	Java, Indonesia
1299	2023-04-15	13:38:02	9.0742 S	111.1372 E	13 km	3.0	South of Java, Indonesia
1300	2023-04-15	13:46:41	7.9370 S	110.4373 E	15 km	1.4	Java, Indonesia
1301	2023-04-15	15:39:32	8.7753 S	110.0230 E	20 km	2.8	Java, Indonesia
1302	2023-04-15	16:31:28	8.3551 S	110.8261 E	59 km	2.4	Java, Indonesia
1303	2023-04-15	17:38:02	9.1920 S	109.9793 E	63 km	3.2	South of Java, Indonesia
1304	2023-04-15	17:54:52	8.8513 S	111.2119 E	10 km	2.9	Java, Indonesia
1305	2023-04-16	00:16:03	9.5653 S	114.0065 E	21 km	3.5	South of Bali, Indonesia
1306	2023-04-16	00:20:01	8.9081 S	111.2834 E	11 km	3.1	Java, Indonesia
1307	2023-04-16	07:51:34	8.7261 S	110.4164 E	10 km	3.0	Java, Indonesia
1308	2023-04-16	09:38:21	8.9688 S	113.6852 E	10 km	2.7	Java, Indonesia
1309	2023-04-16	13:34:22	9.5951 S	112.9638 E	10 km	4.0	South of Java, Indonesia
1310	2023-04-16	13:58:15	8.9748 S	111.2642 E	12 km	3.1	Java, Indonesia
1311	2023-04-16	18:55:02	7.8254 S	111.4100 E	16 km	2.5	Java, Indonesia
1312	2023-04-16	20:55:32	6.5553 S	110.0407 E	108 km	2.5	Java, Indonesia
1313	2023-04-16	21:00:54	8.0920 S	110.2975 E	29 km	2.4	Java, Indonesia
1314	2023-04-17	02:20:06	8.0124 S	108.4351 E	21 km	3.4	Java, Indonesia

1315	2023-04-17	07:58:14	6.4066 S	111.6255 E	673 km	4.5	Java, Indonesia
1316	2023-04-17	10:11:17	9.0381 S	110.3554 E	19 km	3.1	South of Java, Indonesia
1317	2023-04-17	11:39:22	9.2976 S	113.8158 E	10 km	3.3	South of Java, Indonesia
1318	2023-04-17	12:22:39	9.0533 S	110.4138 E	10 km	2.9	South of Java, Indonesia
1319	2023-04-17	14:19:15	9.3171 S	113.9713 E	10 km	2.9	South of Java, Indonesia
1320	2023-04-17	16:38:50	8.1479 S	110.4198 E	86 km	2.3	Java, Indonesia
1321	2023-04-17	17:28:51	8.8728 S	111.2643 E	23 km	2.9	Java, Indonesia
1322	2023-04-17	17:45:56	10.1595 S	113.0349 E	10 km	3.7	South of Java, Indonesia
1323	2023-04-17	17:48:36	8.2027 S	111.3880 E	9 km	2.4	Java, Indonesia
1324	2023-04-17	18:59:01	7.8430 S	110.4671 E	6 km	1.3	Java, Indonesia
1325	2023-04-17	19:21:01	8.1931 S	110.3900 E	17 km	2.3	Java, Indonesia
1326	2023-04-17	19:36:45	10.2458 S	111.3705 E	10 km	3.4	South of Java, Indonesia
1327	2023-04-17	20:42:30	8.9764 S	111.6766 E	90 km	2.6	Java, Indonesia
1328	2023-04-17	22:24:47	8.9783 S	110.5223 E	20 km	2.9	Java, Indonesia
1329	2023-04-17	23:35:22	8.4845 S	112.0313 E	77 km	2.5	Java, Indonesia
1330	2023-04-18	00:42:28	9.0867 S	111.7405 E	10 km	3.0	South of Java, Indonesia
1331	2023-04-18	00:54:03	8.0405 S	110.8979 E	107 km	2.2	Java, Indonesia
1332	2023-04-18	03:40:11	7.8270 S	110.8467 E	133 km	2.0	Java, Indonesia
1333	2023-04-18	05:43:15	9.0972 S	111.7052 E	1 km	3.0	South of Java, Indonesia
1334	2023-04-18	08:42:11	7.8372 S	110.9468 E	112 km	2.2	Java, Indonesia
1335	2023-04-18	09:11:10	7.8922 S	110.8476 E	40 km	2.1	Java, Indonesia
1336	2023-04-18	15:30:44	8.6828 S	110.4389 E	27 km	3.1	Java, Indonesia
1337	2023-04-18	19:30:30	8.8186 S	111.0437 E	10 km	2.7	Java, Indonesia
1338	2023-04-18	20:32:24	8.1114 S	111.5962 E	3 km	2.1	Java, Indonesia
1339	2023-04-18	21:22:57	9.5215 S	112.9101 E	10 km	3.1	South of Java, Indonesia
1340	2023-04-18	21:43:57	8.8123 S	112.2873 E	51 km	2.5	Java, Indonesia
1341	2023-04-19	03:32:48	8.6690 S	110.8008 E	49 km	2.5	Java, Indonesia
1342	2023-04-19	03:33:53	7.9360 S	110.4140 E	14 km	1.3	Java, Indonesia
1343	2023-04-19	07:01:04	8.3961 S	108.2432 E	5 km	3.2	Java, Indonesia
1344	2023-04-19	07:21:35	8.5908 S	108.8672 E	10 km	2.9	Java, Indonesia

1345	2023-04-19	10:08:23	7.9603 S	110.5346 E	7 km	1.2	Java, Indonesia
1346	2023-04-19	10:27:40	7.2966 S	109.1573 E	188 km	2.6	Java, Indonesia
1347	2023-04-19	10:44:18	8.6282 S	110.0571 E	12 km	2.5	Java, Indonesia
1348	2023-04-19	11:23:29	9.1925 S	113.0189 E	10 km	3.5	South of Java, Indonesia
1349	2023-04-19	11:50:22	9.0760 S	111.7425 E	20 km	2.9	South of Java, Indonesia
1350	2023-04-19	12:20:06	8.9514 S	111.7065 E	10 km	2.6	Java, Indonesia
1351	2023-04-19	13:53:08	8.0306 S	110.6669 E	10 km	2.0	Java, Indonesia
1352	2023-04-19	15:15:20	8.8023 S	112.2651 E	10 km	2.9	Java, Indonesia
1353	2023-04-19	16:01:00	8.5422 S	109.0531 E	25 km	2.6	Java, Indonesia
1354	2023-04-19	17:24:27	7.9774 S	110.4302 E	4 km	1.5	Java, Indonesia
1355	2023-04-19	17:53:15	8.4100 S	109.3675 E	40 km	2.5	Java, Indonesia
1356	2023-04-19	18:34:45	9.2511 S	110.6036 E	10 km	2.9	South of Java, Indonesia
1357	2023-04-19	18:53:25	8.7060 S	112.2487 E	111 km	2.5	Java, Indonesia
1358	2023-04-19	19:11:52	8.4910 S	112.9429 E	127 km	3.0	Java, Indonesia
1359	2023-04-20	03:24:12	8.8931 S	111.6255 E	8 km	2.9	Java, Indonesia
1360	2023-04-20	07:45:31	8.4547 S	110.8244 E	80 km	2.3	Java, Indonesia
1361	2023-04-20	11:39:47	8.8465 S	111.2021 E	9 km	3.0	Java, Indonesia
1362	2023-04-20	11:49:59	8.9602 S	111.5942 E	11 km	3.0	Java, Indonesia
1363	2023-04-20	13:05:22	9.1240 S	110.3898 E	10 km	3.4	South of Java, Indonesia
1364	2023-04-20	15:40:06	11.1576 S	114.5108 E	10 km	4.0	South of Bali, Indonesia
1365	2023-04-20	15:50:54	7.7621 S	109.7900 E	143 km	2.7	Java, Indonesia
1366	2023-04-20	18:47:59	8.8993 S	109.8471 E	4 km	3.2	Java, Indonesia
1367	2023-04-20	21:05:54	8.4148 S	110.0857 E	2 km	2.9	Java, Indonesia
1368	2023-04-21	05:51:46	7.7975 S	111.4420 E	21 km	2.3	Java, Indonesia
1369	2023-04-21	07:47:32	8.8141 S	111.9392 E	10 km	2.6	Java, Indonesia
1370	2023-04-21	12:46:27	8.7683 S	109.4139 E	10 km	3.1	Java, Indonesia
1371	2023-04-21	17:07:58	10.4364 S	113.2884 E	12 km	3.8	South of Java, Indonesia
1372	2023-04-21	17:17:13	7.7879 S	111.3680 E	21 km	2.7	Java, Indonesia
1373	2023-04-21	18:12:12	7.8886 S	111.3666 E	41 km	2.3	Java, Indonesia
1374	2023-04-21	20:56:34	8.1075 S	110.5902 E	3 km	1.5	Java, Indonesia

1375	2023-04-21	21:21:45	8.0160 S	110.4499 E	10 km	1.1	Java, Indonesia
1376	2023-04-21	21:42:00	8.4308 S	109.2167 E	14 km	2.7	Java, Indonesia
1377	2023-04-21	22:03:55	9.1191 S	113.0496 E	103 km	3.0	South of Java, Indonesia
1378	2023-04-21	22:09:17	9.3593 S	110.2220 E	10 km	3.0	South of Java, Indonesia
1379	2023-04-21	23:33:21	9.2007 S	110.3681 E	10 km	3.4	South of Java, Indonesia
1380	2023-04-22	02:08:38	7.8562 S	111.3552 E	29 km	2.3	Java, Indonesia
1381	2023-04-22	03:13:34	7.8559 S	111.3203 E	10 km	2.2	Java, Indonesia
1382	2023-04-22	04:49:25	8.8709 S	110.5013 E	17 km	2.8	Java, Indonesia
1383	2023-04-22	06:35:09	8.5320 S	108.7300 E	15 km	3.7	Java, Indonesia
1384	2023-04-22	08:03:09	8.7957 S	110.7858 E	10 km	2.6	Java, Indonesia
1385	2023-04-22	10:18:20	9.1754 S	110.6773 E	10 km	2.8	South of Java, Indonesia
1386	2023-04-22	11:30:18	7.9967 S	110.5097 E	20 km	1.5	Java, Indonesia
1387	2023-04-22	11:52:59	8.3067 S	109.0248 E	32 km	2.6	Java, Indonesia
1388	2023-04-22	12:13:00	8.8924 S	111.1164 E	10 km	2.5	Java, Indonesia
1389	2023-04-22	14:37:34	7.9095 S	110.4643 E	16 km	1.2	Java, Indonesia
1390	2023-04-22	15:10:51	8.6705 S	111.8309 E	36 km	2.7	Java, Indonesia
1391	2023-04-22	16:48:18	8.8819 S	111.1653 E	17 km	3.1	Java, Indonesia
1392	2023-04-22	20:22:43	8.9310 S	113.9022 E	7 km	2.5	Java, Indonesia
1393	2023-04-22	20:51:54	7.8829 S	111.3822 E	33 km	2.0	Java, Indonesia
1394	2023-04-22	21:16:44	8.4363 S	111.5778 E	114 km	2.6	Java, Indonesia
1395	2023-04-22	23:15:56	8.4449 S	112.2938 E	104 km	2.7	Java, Indonesia
1396	2023-04-22	23:26:32	7.7971 S	110.5387 E	10 km	1.5	Java, Indonesia
1397	2023-04-23	04:15:28	7.8612 S	111.4212 E	18 km	2.5	Java, Indonesia
1398	2023-04-23	15:12:20	7.9124 S	110.4559 E	33 km	1.5	Java, Indonesia
1399	2023-04-23	16:06:21	8.6832 S	110.5450 E	27 km	2.6	Java, Indonesia
1400	2023-04-23	16:36:43	8.9533 S	111.7273 E	12 km	3.0	Java, Indonesia
1401	2023-04-23	18:00:24	9.2478 S	110.4813 E	10 km	3.3	South of Java, Indonesia
1402	2023-04-23	18:56:46	8.2525 S	110.3070 E	25 km	2.5	Java, Indonesia
1403	2023-04-23	19:51:47	8.6621 S	110.9689 E	8 km	2.9	Java, Indonesia
1404	2023-04-23	21:04:23	7.8229 S	111.3529 E	27 km	2.0	Java, Indonesia

1405	2023-04-23	21:05:44	8.8207 S	110.9505 E	13 km	2.7	Java, Indonesia
1406	2023-04-23	21:26:25	11.1476 S	112.2669 E	79 km	4.0	South of Java, Indonesia
1407	2023-04-24	01:08:39	7.8211 S	111.3447 E	35 km	2.3	Java, Indonesia
1408	2023-04-24	01:45:40	7.9162 S	111.3744 E	26 km	2.4	Java, Indonesia
1409	2023-04-24	01:51:49	8.7404 S	110.2600 E	15 km	2.9	Java, Indonesia
1410	2023-04-24	03:30:50	7.8216 S	111.3447 E	27 km	2.4	Java, Indonesia
1411	2023-04-24	05:05:21	8.3020 S	109.0837 E	20 km	2.7	Java, Indonesia
1412	2023-04-24	07:03:42	7.9030 S	110.4630 E	13 km	1.5	Java, Indonesia
1413	2023-04-24	07:19:13	8.4208 S	111.1737 E	19 km	2.3	Java, Indonesia
1414	2023-04-24	08:32:33	9.1118 S	110.4178 E	24 km	2.8	South of Java, Indonesia
1415	2023-04-24	08:53:44	8.7509 S	111.1977 E	29 km	2.6	Java, Indonesia
1416	2023-04-24	10:28:03	8.4627 S	108.0713 E	3 km	2.9	Java, Indonesia
1417	2023-04-24	11:49:37	9.4064 S	113.9357 E	10 km	3.2	South of Java, Indonesia
1418	2023-04-24	12:31:33	9.1650 S	112.0718 E	10 km	3.1	South of Java, Indonesia
1419	2023-04-24	12:57:30	8.0160 S	110.5679 E	7 km	1.8	Java, Indonesia
1420	2023-04-24	13:47:44	9.1715 S	113.1317 E	13 km	2.6	South of Java, Indonesia
1421	2023-04-24	14:03:55	8.7698 S	111.4007 E	22 km	2.6	Java, Indonesia
1422	2023-04-24	17:01:57	8.8573 S	113.7174 E	30 km	2.9	Java, Indonesia
1423	2023-04-24	17:51:02	8.9152 S	110.1424 E	25 km	2.8	Java, Indonesia
1424	2023-04-24	18:34:35	7.9916 S	110.5486 E	8 km	1.3	Java, Indonesia
1425	2023-04-24	18:47:50	8.3335 S	109.1069 E	10 km	2.6	Java, Indonesia
1426	2023-04-24	21:47:30	10.2545 S	113.3369 E	10 km	3.5	South of Java, Indonesia
1427	2023-04-24	22:41:11	9.5265 S	111.6133 E	10 km	3.8	South of Java, Indonesia
1428	2023-04-24	23:54:20	8.8287 S	110.4596 E	10 km	2.6	Java, Indonesia
1429	2023-04-25	00:42:40	8.8794 S	110.5285 E	65 km	2.7	Java, Indonesia
1430	2023-04-25	01:10:41	7.9527 S	110.4361 E	12 km	1.2	Java, Indonesia
1431	2023-04-25	01:27:57	10.2746 S	109.7890 E	19 km	3.9	South of Java, Indonesia
1432	2023-04-25	02:08:44	8.7744 S	111.2678 E	8 km	2.4	Java, Indonesia
1433	2023-04-25	03:36:37	7.9658 S	111.4709 E	18 km	1.5	Java, Indonesia
1434	2023-04-25	03:39:26	7.8359 S	111.3604 E	19 km	2.1	Java, Indonesia

1435	2023-04-25	04:06:45	10.6845 S	113.2931 E	30 km	3.7	South of Java, Indonesia
1436	2023-04-25	04:42:16	8.5572 S	110.9773 E	10 km	2.4	Java, Indonesia
1437	2023-04-25	05:32:56	8.5908 S	110.9747 E	8 km	2.5	Java, Indonesia
1438	2023-04-25	05:42:06	8.1149 S	110.3310 E	10 km	1.9	Java, Indonesia
1439	2023-04-25	06:12:41	8.5610 S	111.0086 E	13 km	2.3	Java, Indonesia
1440	2023-04-25	06:16:33	8.5950 S	110.9738 E	6 km	2.4	Java, Indonesia
1441	2023-04-25	10:03:56	8.6882 S	110.9738 E	6 km	2.4	Java, Indonesia
1442	2023-04-25	12:48:17	8.0038 S	108.1233 E	89 km	3.1	Java, Indonesia
1443	2023-04-25	15:02:25	8.8896 S	111.7271 E	19 km	2.7	Java, Indonesia
1444	2023-04-25	16:48:44	7.5221 S	112.2312 E	225 km	3.4	Java, Indonesia
1445	2023-04-25	17:18:37	10.4743 S	113.1991 E	10 km	3.8	South of Java, Indonesia
1446	2023-04-25	23:57:23	10.5549 S	113.2621 E	10 km	3.6	South of Java, Indonesia
1447	2023-04-26	00:50:30	9.1564 S	110.3295 E	29 km	2.6	South of Java, Indonesia
1448	2023-04-26	01:34:03	8.7173 S	110.9192 E	25 km	2.5	Java, Indonesia
1449	2023-04-26	02:28:22	9.1117 S	113.0020 E	10 km	2.6	South of Java, Indonesia
1450	2023-04-26	05:35:30	8.8522 S	110.7938 E	26 km	2.5	Java, Indonesia
1451	2023-04-26	09:19:38	7.5621 S	112.0277 E	105 km	2.3	Java, Indonesia
1452	2023-04-26	09:28:14	9.1937 S	112.1874 E	26 km	3.3	South of Java, Indonesia
1453	2023-04-26	10:45:06	8.0173 S	110.4310 E	22 km	1.4	Java, Indonesia
1454	2023-04-26	14:27:16	8.0553 S	110.5571 E	5 km	1.3	Java, Indonesia
1455	2023-04-26	15:10:32	9.1795 S	110.5364 E	12 km	2.9	South of Java, Indonesia
1456	2023-04-26	16:38:54	8.8479 S	111.7140 E	94 km	2.1	Java, Indonesia
1457	2023-04-26	17:25:22	8.9109 S	111.3067 E	10 km	2.6	Java, Indonesia
1458	2023-04-26	18:23:47	8.8680 S	113.0672 E	90 km	2.4	Java, Indonesia
1459	2023-04-26	18:25:44	7.7340 S	111.3322 E	23 km	2.2	Java, Indonesia
1460	2023-04-26	18:27:33	8.0470 S	110.2014 E	17 km	2.0	Java, Indonesia
1461	2023-04-26	18:57:03	8.3591 S	114.2209 E	55 km	2.3	Bali Region, Indonesia
1462	2023-04-26	18:59:57	8.1757 S	110.5703 E	40 km	1.9	Java, Indonesia
1463	2023-04-26	19:09:30	7.8503 S	114.4302 E	10 km	2.6	Bali Sea
1464	2023-04-26	19:20:09	7.7389 S	110.0996 E	10 km	2.1	Java, Indonesia

1465	2023-04-26	23:07:13	8.4200 S	109.7515 E	34 km	2.5	Java, Indonesia
1466	2023-04-27	00:48:49	8.7881 S	109.8280 E	24 km	2.9	Java, Indonesia
1467	2023-04-27	01:25:48	8.3286 S	110.7048 E	78 km	2.4	Java, Indonesia
1468	2023-04-27	07:31:27	8.9299 S	110.7665 E	10 km	2.9	Java, Indonesia
1469	2023-04-27	12:50:28	8.2943 S	110.3359 E	6 km	2.4	Java, Indonesia
1470	2023-04-27	13:55:07	8.8806 S	110.1201 E	57 km	2.8	Java, Indonesia
1471	2023-04-27	16:05:55	8.3580 S	109.1129 E	24 km	3.2	Java, Indonesia
1472	2023-04-27	16:55:03	10.4220 S	113.2611 E	12 km	3.7	South of Java, Indonesia
1473	2023-04-27	17:58:35	9.3064 S	113.8792 E	10 km	2.6	South of Java, Indonesia
1474	2023-04-27	23:36:44	8.6430 S	110.9674 E	5 km	2.6	Java, Indonesia
1475	2023-04-27	23:44:31	8.6700 S	110.0259 E	29 km	2.8	Java, Indonesia
1476	2023-04-28	00:37:23	8.6127 S	110.9746 E	7 km	2.6	Java, Indonesia
1477	2023-04-28	02:27:40	9.0020 S	110.0907 E	8 km	3.0	South of Java, Indonesia
1478	2023-04-28	07:40:04	8.7550 S	111.0570 E	8 km	2.9	Java, Indonesia
1479	2023-04-28	08:03:28	9.4032 S	112.9128 E	10 km	2.9	South of Java, Indonesia
1480	2023-04-28	08:10:18	8.3580 S	108.3751 E	10 km	3.2	Java, Indonesia
1481	2023-04-28	09:00:03	10.2830 S	113.2200 E	10 km	3.5	South of Java, Indonesia
1482	2023-04-28	09:55:02	8.1964 S	110.6633 E	97 km	2.4	Java, Indonesia
1483	2023-04-28	11:43:31	8.9392 S	111.2961 E	13 km	3.4	Java, Indonesia
1484	2023-04-28	13:02:55	8.8916 S	110.9108 E	8 km	2.7	Java, Indonesia
1485	2023-04-28	13:30:28	9.0980 S	110.4370 E	9 km	2.8	South of Java, Indonesia
1486	2023-04-28	13:39:46	8.4715 S	111.0635 E	10 km	2.4	Java, Indonesia
1487	2023-04-28	13:43:44	8.6251 S	109.8499 E	33 km	3.0	Java, Indonesia
1488	2023-04-28	17:10:01	9.1499 S	111.1149 E	10 km	2.9	South of Java, Indonesia
1489	2023-04-28	20:50:56	8.1963 S	111.3619 E	107 km	2.4	Java, Indonesia
1490	2023-04-28	23:01:16	6.7842 S	110.5733 E	10 km	2.4	Java, Indonesia
1491	2023-04-28	23:16:32	8.5713 S	111.3892 E	13 km	2.7	Java, Indonesia
1492	2023-04-29	09:20:16	9.0178 S	109.9696 E	7 km	2.9	South of Java, Indonesia
1493	2023-04-29	11:50:18	8.7369 S	111.2765 E	27 km	2.4	Java, Indonesia
1494	2023-04-29	12:50:57	9.0232 S	110.5338 E	10 km	2.6	South of Java, Indonesia

1495	2023-04-29	14:29:22	8.6152 S	112.5923 E	127 km	3.2	Java, Indonesia
1496	2023-04-29	16:56:25	4.6446 S	110.1755 E	431 km	3.8	Java Sea
1497	2023-04-29	17:29:55	8.6404 S	110.9641 E	6 km	2.3	Java, Indonesia
1498	2023-04-29	19:52:58	8.5843 S	109.8922 E	12 km	2.6	Java, Indonesia
1499	2023-04-29	21:02:29	8.9115 S	109.8451 E	18 km	2.8	Java, Indonesia
1500	2023-04-29	21:30:54	8.9635 S	112.9597 E	10 km	2.4	Java, Indonesia
1501	2023-04-30	00:56:22	7.4998 S	109.8909 E	7 km	2.3	Java, Indonesia
1502	2023-04-30	03:35:55	7.4581 S	109.9038 E	11 km	2.3	Java, Indonesia
1503	2023-04-30	04:07:45	10.5928 S	113.2911 E	10 km	5.0	South of Java, Indonesia
1504	2023-04-30	06:26:07	8.7682 S	112.4533 E	10 km	2.6	Java, Indonesia
1505	2023-04-30	12:09:58	7.9623 S	110.5035 E	14 km	1.5	Java, Indonesia
1506	2023-04-30	13:34:25	9.1580 S	112.9777 E	10 km	3.2	South of Java, Indonesia
1507	2023-04-30	14:46:01	9.1784 S	113.1846 E	10 km	3.3	South of Java, Indonesia
1508	2023-04-30	15:55:40	8.3087 S	110.8748 E	9 km	2.1	Java, Indonesia
1509	2023-04-30	17:51:27	9.4059 S	112.8861 E	12 km	2.7	South of Java, Indonesia
1510	2023-04-30	17:55:42	8.0918 S	108.1888 E	27 km	3.6	Java, Indonesia
1511	2023-04-30	18:24:45	8.5580 S	110.7801 E	29 km	2.3	Java, Indonesia
1512	2023-04-30	21:23:31	8.6309 S	110.9745 E	10 km	2.4	Java, Indonesia
1513	2023-04-30	21:31:03	8.6204 S	110.9619 E	10 km	2.4	Java, Indonesia
1514	2023-04-30	21:38:28	8.7151 S	110.8841 E	10 km	2.5	Java, Indonesia
1515	2023-04-30	21:57:20	8.8738 S	110.3448 E	24 km	2.6	Java, Indonesia
1516	2023-04-30	22:09:18	8.8073 S	111.2566 E	19 km	2.6	Java, Indonesia
1517	2023-04-30	22:39:14	9.1502 S	111.4055 E	10 km	2.8	South of Java, Indonesia
1518	2023-04-30	23:18:25	8.9485 S	110.7470 E	10 km	2.7	Java, Indonesia
1519	2023-05-01	00:23:13	8.3214 S	110.1262 E	11 km	2.4	Java, Indonesia
1520	2023-05-01	01:00:39	8.3574 S	108.9751 E	30 km	2.7	Java, Indonesia
1521	2023-05-01	01:59:23	8.0016 S	110.5978 E	10 km	1.1	Java, Indonesia
1522	2023-05-01	02:11:34	9.1394 S	110.3697 E	10 km	3.2	South of Java, Indonesia
1523	2023-05-01	05:44:16	8.7529 S	113.0444 E	51 km	2.7	Java, Indonesia
1524	2023-05-01	06:17:12	10.0166 S	113.3274 E	10 km	3.4	South of Java, Indonesia

1525	2023-05-01	08:00:38	8.8496 S	111.1440 E	56 km	2.7	Java, Indonesia
1526	2023-05-01	12:12:34	8.8415 S	112.5030 E	10 km	2.7	Java, Indonesia
1527	2023-05-01	15:38:28	9.0295 S	113.3054 E	18 km	2.9	South of Java, Indonesia
1528	2023-05-01	17:13:05	7.9339 S	110.4873 E	10 km	1.5	Java, Indonesia
1529	2023-05-01	18:34:36	9.3542 S	113.8319 E	11 km	2.8	South of Java, Indonesia
1530	2023-05-01	21:29:54	8.3102 S	109.2755 E	30 km	2.6	Java, Indonesia
1531	2023-05-01	21:38:17	8.5096 S	113.3981 E	75 km	2.5	Java, Indonesia
1532	2023-05-01	21:57:53	9.0379 S	112.8946 E	28 km	3.2	South of Java, Indonesia
1533	2023-05-02	00:11:36	8.8994 S	111.9414 E	41 km	2.6	Java, Indonesia
1534	2023-05-02	01:07:16	7.8860 S	110.4117 E	7 km	1.3	Java, Indonesia
1535	2023-05-02	03:27:41	8.5847 S	111.6248 E	3 km	2.5	Java, Indonesia
1536	2023-05-02	04:45:07	8.3845 S	111.2296 E	42 km	2.1	Java, Indonesia
1537	2023-05-02	05:12:56	7.3580 S	110.1368 E	89 km	2.5	Java, Indonesia
1538	2023-05-02	05:34:00	9.5870 S	112.6479 E	10 km	3.0	South of Java, Indonesia
1539	2023-05-02	06:17:56	9.0010 S	110.9707 E	10 km	2.5	South of Java, Indonesia
1540	2023-05-02	08:08:37	8.5989 S	111.1130 E	10 km	2.6	Java, Indonesia
1541	2023-05-02	08:49:17	9.2846 S	113.1292 E	10 km	3.4	South of Java, Indonesia
1542	2023-05-02	09:10:24	8.4778 S	110.2810 E	10 km	2.4	Java, Indonesia
1543	2023-05-02	10:03:36	8.7196 S	110.5743 E	10 km	2.7	Java, Indonesia
1544	2023-05-02	10:10:23	8.9331 S	109.9492 E	10 km	2.9	Java, Indonesia
1545	2023-05-02	10:44:46	8.5642 S	110.4628 E	10 km	2.6	Java, Indonesia
1546	2023-05-02	11:53:16	8.5061 S	109.6644 E	47 km	2.6	Java, Indonesia
1547	2023-05-02	11:57:54	9.0159 S	113.5219 E	26 km	2.7	South of Java, Indonesia
1548	2023-05-02	12:37:34	9.2863 S	113.9130 E	10 km	2.8	South of Java, Indonesia
1549	2023-05-02	14:53:46	7.8989 S	110.3965 E	82 km	1.8	Java, Indonesia
1550	2023-05-02	15:21:55	7.8575 S	110.4968 E	10 km	1.3	Java, Indonesia
1551	2023-05-02	15:50:39	8.0145 S	110.4881 E	7 km	1.3	Java, Indonesia
1552	2023-05-02	15:58:32	8.6252 S	111.9421 E	89 km	2.8	Java, Indonesia
1553	2023-05-02	17:11:29	9.1038 S	111.3348 E	7 km	2.7	South of Java, Indonesia
1554	2023-05-02	17:56:45	9.2463 S	114.1299 E	11 km	4.7	South of Bali, Indonesia

1555	2023-05-02	21:25:14	9.0727 S	111.2437 E	10 km	2.8	South of Java, Indonesia
1556	2023-05-02	22:58:23	8.9947 S	114.1058 E	33 km	2.8	Bali Region, Indonesia
1557	2023-05-02	23:41:51	8.2246 S	114.5283 E	38 km	2.8	Bali Region, Indonesia
1558	2023-05-02	23:53:08	8.3733 S	110.8081 E	10 km	2.2	Java, Indonesia
1559	2023-05-03	02:47:58	9.2410 S	113.8957 E	10 km	3.2	South of Java, Indonesia
1560	2023-05-03	04:40:55	8.4490 S	110.7617 E	11 km	2.4	Java, Indonesia
1561	2023-05-03	05:50:18	8.7179 S	110.2284 E	31 km	3.6	Java, Indonesia
1562	2023-05-03	09:44:33	8.3862 S	110.7600 E	10 km	2.5	Java, Indonesia
1563	2023-05-03	10:21:25	8.3715 S	109.1139 E	10 km	2.8	Java, Indonesia
1564	2023-05-03	11:56:44	8.6619 S	110.9413 E	6 km	2.5	Java, Indonesia
1565	2023-05-03	12:35:19	8.2863 S	109.1125 E	32 km	2.7	Java, Indonesia
1566	2023-05-03	15:56:58	10.7956 S	110.9307 E	10 km	3.6	South of Java, Indonesia
1567	2023-05-03	16:20:22	8.3069 S	110.7828 E	126 km	2.7	Java, Indonesia
1568	2023-05-03	22:01:09	9.8401 S	108.9452 E	10 km	3.8	South of Java, Indonesia
1569	2023-05-04	02:09:54	8.8763 S	111.7607 E	69 km	2.4	Java, Indonesia
1570	2023-05-04	03:08:36	10.5445 S	113.2040 E	10 km	4.1	South of Java, Indonesia
1571	2023-05-04	05:42:23	8.2100 S	108.4062 E	34 km	2.6	Java, Indonesia
1572	2023-05-04	06:10:18	8.8360 S	111.8760 E	8 km	2.4	Java, Indonesia
1573	2023-05-04	08:25:54	8.9144 S	111.2408 E	10 km	2.6	Java, Indonesia
1574	2023-05-04	08:47:42	8.7471 S	112.0907 E	54 km	2.4	Java, Indonesia
1575	2023-05-04	09:43:32	9.9213 S	114.9722 E	0 km	3.5	South of Bali, Indonesia
1576	2023-05-04	13:23:25	7.1839 S	109.2532 E	17 km	2.5	Java, Indonesia
1577	2023-05-04	14:28:14	9.0047 S	112.6494 E	25 km	3.2	South of Java, Indonesia
1578	2023-05-04	16:14:05	8.5283 S	109.7414 E	36 km	2.7	Java, Indonesia
1579	2023-05-04	18:15:07	8.7186 S	111.3889 E	90 km	2.9	Java, Indonesia
1580	2023-05-04	19:38:47	8.9281 S	110.2837 E	11 km	2.6	Java, Indonesia
1581	2023-05-04	19:53:16	8.6107 S	111.5431 E	30 km	2.5	Java, Indonesia
1582	2023-05-04	21:23:10	8.3656 S	110.4215 E	5 km	2.2	Java, Indonesia
1583	2023-05-04	21:44:08	8.0066 S	110.5657 E	4 km	1.1	Java, Indonesia
1584	2023-05-05	01:48:35	6.6852 S	112.5055 E	13 km	2.5	Java, Indonesia

1585	2023-05-05	08:25:43	8.9463 S	112.6964 E	21 km	2.8	Java, Indonesia
1586	2023-05-05	09:06:08	8.6760 S	109.5889 E	46 km	2.6	Java, Indonesia
1587	2023-05-05	11:04:40	8.0052 S	111.2043 E	10 km	2.2	Java, Indonesia
1588	2023-05-05	11:07:12	8.8643 S	110.9020 E	40 km	2.6	Java, Indonesia
1589	2023-05-05	13:18:00	9.0210 S	110.5001 E	10 km	2.7	South of Java, Indonesia
1590	2023-05-05	18:00:39	8.9857 S	111.3570 E	34 km	2.6	Java, Indonesia
1591	2023-05-05	18:15:33	7.8674 S	110.9046 E	18 km	2.1	Java, Indonesia
1592	2023-05-05	18:17:53	8.6023 S	110.9827 E	10 km	2.7	Java, Indonesia
1593	2023-05-05	18:53:45	9.9365 S	110.1118 E	10 km	3.1	South of Java, Indonesia
1594	2023-05-05	19:02:49	9.1341 S	112.7803 E	10 km	3.4	South of Java, Indonesia
1595	2023-05-05	19:42:22	8.5936 S	110.9876 E	13 km	2.4	Java, Indonesia
1596	2023-05-05	20:32:56	8.7139 S	111.0754 E	48 km	2.4	Java, Indonesia
1597	2023-05-05	21:00:21	7.7174 S	111.5014 E	126 km	2.3	Java, Indonesia
1598	2023-05-05	21:04:42	8.7234 S	111.8970 E	39 km	2.2	Java, Indonesia
1599	2023-05-05	21:29:45	8.4383 S	111.7439 E	104 km	2.2	Java, Indonesia
1600	2023-05-05	21:39:13	7.9817 S	110.9035 E	109 km	1.9	Java, Indonesia
1601	2023-05-05	21:50:58	10.7971 S	110.8074 E	58 km	4.0	South of Java, Indonesia
1602	2023-05-05	22:41:49	8.3349 S	109.0763 E	30 km	2.6	Java, Indonesia
1603	2023-05-05	23:14:31	10.8285 S	111.2067 E	10 km	3.7	South of Java, Indonesia
1604	2023-05-05	23:43:14	9.3589 S	112.7878 E	30 km	2.7	South of Java, Indonesia
1605	2023-05-06	08:10:50	9.1554 S	111.8345 E	6 km	2.8	South of Java, Indonesia
1606	2023-05-06	08:29:05	8.9260 S	110.6499 E	13 km	2.6	Java, Indonesia
1607	2023-05-06	11:43:51	9.0438 S	110.2234 E	6 km	2.7	South of Java, Indonesia
1608	2023-05-06	14:15:36	7.7838 S	108.5864 E	125 km	2.3	Java, Indonesia
1609	2023-05-06	15:05:25	8.5879 S	110.9853 E	10 km	2.4	Java, Indonesia
1610	2023-05-06	18:57:05	8.0158 S	108.2698 E	20 km	4.4	Java, Indonesia
1611	2023-05-06	22:04:05	9.3128 S	113.4918 E	26 km	2.7	South of Java, Indonesia
1612	2023-05-06	22:45:22	8.4224 S	113.5069 E	8 km	2.2	Java, Indonesia
1613	2023-05-07	01:13:22	8.7828 S	111.1370 E	51 km	4.1	Java, Indonesia
1614	2023-05-07	01:35:32	8.6996 S	112.0561 E	10 km	2.6	Java, Indonesia

1615	2023-05-07	03:57:47	9.1928 S	111.6425 E	10 km	2.7	South of Java, Indonesia
1616	2023-05-07	05:46:50	8.4677 S	110.6983 E	10 km	2.3	Java, Indonesia
1617	2023-05-07	10:32:35	8.6979 S	111.5531 E	29 km	3.0	Java, Indonesia
1618	2023-05-07	11:01:09	7.5910 S	111.1488 E	11 km	2.7	Java, Indonesia
1619	2023-05-07	11:50:29	9.0288 S	110.1707 E	12 km	2.8	South of Java, Indonesia
1620	2023-05-07	11:56:38	8.8918 S	110.4897 E	10 km	2.6	Java, Indonesia
1621	2023-05-07	15:59:00	8.1325 S	110.2121 E	93 km	2.2	Java, Indonesia
1622	2023-05-07	16:06:27	8.8622 S	111.1664 E	51 km	2.5	Java, Indonesia
1623	2023-05-07	16:06:27	8.8622 S	111.1664 E	51 km	2.5	Java, Indonesia
1624	2023-05-07	16:06:27	8.8622 S	111.1664 E	51 km	2.5	Java, Indonesia
1625	2023-05-07	16:47:52	7.8464 S	111.4026 E	29 km	2.1	Java, Indonesia
1626	2023-05-07	16:55:38	9.7492 S	114.0323 E	10 km	3.5	South of Bali, Indonesia
1627	2023-05-07	17:06:14	7.9078 S	110.6223 E	19 km	1.2	Java, Indonesia
1628	2023-05-07	20:16:31	8.0504 S	110.5618 E	10 km	1.2	Java, Indonesia
1629	2023-05-07	22:46:05	9.3663 S	110.1659 E	12 km	2.9	South of Java, Indonesia
1630	2023-05-07	23:44:56	7.9241 S	110.6272 E	10 km	1.3	Java, Indonesia
1631	2023-05-08	00:44:12	8.8449 S	111.9199 E	5 km	2.6	Java, Indonesia
1632	2023-05-08	04:06:09	9.0437 S	111.4072 E	10 km	2.9	South of Java, Indonesia
1633	2023-05-08	04:16:26	8.6393 S	110.9815 E	6 km	2.6	Java, Indonesia
1634	2023-05-08	06:54:05	10.7872 S	113.4987 E	10 km	4.0	South of Java, Indonesia
1635	2023-05-08	08:32:49	8.6282 S	109.7517 E	15 km	3.4	Java, Indonesia
1636	2023-05-08	10:59:53	8.7262 S	111.2837 E	64 km	2.8	Java, Indonesia
1637	2023-05-08	17:19:33	7.8377 S	109.7331 E	116 km	4.0	Java, Indonesia
1638	2023-05-08	18:55:00	8.9388 S	111.0983 E	17 km	2.7	Java, Indonesia
1639	2023-05-08	22:35:09	9.1029 S	112.0947 E	136 km	2.9	South of Java, Indonesia
1640	2023-05-09	00:26:26	9.3824 S	113.1020 E	33 km	2.9	South of Java, Indonesia
1641	2023-05-09	00:51:04	8.9213 S	110.2015 E	8 km	2.7	Java, Indonesia
1642	2023-05-09	01:16:09	9.3578 S	113.8052 E	10 km	3.8	South of Java, Indonesia
1643	2023-05-09	04:10:07	8.8727 S	111.1524 E	16 km	2.6	Java, Indonesia
1644	2023-05-09	06:39:38	9.0736 S	111.2302 E	14 km	2.9	South of Java, Indonesia

1645	2023-05-09	10:03:08	10.7865 S	110.9449 E	10 km	3.8	South of Java, Indonesia
1646	2023-05-09	11:10:47	8.8694 S	112.0634 E	9 km	2.9	Java, Indonesia
1647	2023-05-09	12:06:04	10.8359 S	110.7846 E	11 km	4.2	South of Java, Indonesia
1648	2023-05-09	13:10:03	10.9045 S	110.8305 E	9 km	3.9	South of Java, Indonesia
1649	2023-05-09	13:22:18	9.4769 S	112.9527 E	10 km	2.8	South of Java, Indonesia
1650	2023-05-09	17:18:25	9.0695 S	113.0498 E	87 km	2.7	South of Java, Indonesia
1651	2023-05-09	17:50:37	8.7343 S	111.6727 E	32 km	2.7	Java, Indonesia
1652	2023-05-09	17:52:16	9.0356 S	110.6367 E	65 km	2.8	South of Java, Indonesia
1653	2023-05-09	19:50:04	8.4671 S	110.2784 E	63 km	3.3	Java, Indonesia
1654	2023-05-09	20:40:13	9.4797 S	113.4597 E	10 km	2.6	South of Java, Indonesia
1655	2023-05-09	21:32:26	8.9627 S	111.8794 E	11 km	2.8	Java, Indonesia
1656	2023-05-09	23:14:28	8.8410 S	111.1817 E	16 km	2.6	Java, Indonesia
1657	2023-05-10	01:12:33	8.8037 S	110.2728 E	10 km	2.8	Java, Indonesia
1658	2023-05-10	04:04:23	8.5667 S	112.2343 E	93 km	2.7	Java, Indonesia
1659	2023-05-10	07:35:23	8.8324 S	111.3118 E	56 km	2.6	Java, Indonesia
1660	2023-05-10	08:12:53	8.6005 S	109.1253 E	10 km	3.2	Java, Indonesia
1661	2023-05-10	13:07:51	7.9776 S	110.4962 E	17 km	1.3	Java, Indonesia
1662	2023-05-10	13:13:10	8.0988 S	110.5774 E	32 km	1.5	Java, Indonesia
1663	2023-05-10	15:06:22	7.9589 S	110.4659 E	19 km	1.3	Java, Indonesia
1664	2023-05-10	15:14:55	9.2723 S	108.8503 E	10 km	3.5	South of Java, Indonesia
1665	2023-05-10	17:58:12	9.3573 S	113.8586 E	10 km	2.8	South of Java, Indonesia
1666	2023-05-10	23:26:33	9.2756 S	111.1975 E	10 km	2.9	South of Java, Indonesia
1667	2023-05-11	02:28:17	8.8592 S	110.0335 E	10 km	2.8	Java, Indonesia
1668	2023-05-11	04:19:59	8.3503 S	110.0895 E	10 km	2.7	Java, Indonesia
1669	2023-05-11	05:08:01	9.0665 S	110.2471 E	10 km	3.3	South of Java, Indonesia
1670	2023-05-11	10:15:55	9.1867 S	114.7021 E	55 km	3.4	South of Bali, Indonesia
1671	2023-05-11	11:19:08	9.2539 S	113.3951 E	10 km	3.0	South of Java, Indonesia
1672	2023-05-11	13:55:05	7.9600 S	110.0924 E	15 km	2.2	Java, Indonesia
1673	2023-05-11	15:06:47	8.3911 S	110.2232 E	10 km	2.4	Java, Indonesia
1674	2023-05-11	16:10:43	8.9846 S	110.5035 E	10 km	2.7	Java, Indonesia

1675	2023-05-11	19:15:19	8.2935 S	110.6277 E	123 km	2.3	Java, Indonesia
1676	2023-05-11	21:03:33	9.4928 S	113.7767 E	10 km	3.3	South of Java, Indonesia
1677	2023-05-11	21:44:07	8.9456 S	109.9711 E	7 km	3.0	Java, Indonesia
1678	2023-05-11	21:56:41	8.2994 S	109.1085 E	26 km	4.4	Java, Indonesia
1679	2023-05-12	00:06:32	7.8816 S	110.5431 E	18 km	2.0	Java, Indonesia
1680	2023-05-12	00:26:41	7.8699 S	110.5256 E	21 km	1.7	Java, Indonesia
1681	2023-05-12	03:54:47	10.4512 S	112.9161 E	10 km	3.6	South of Java, Indonesia
1682	2023-05-12	05:08:28	10.6487 S	111.8384 E	10 km	3.7	South of Java, Indonesia
1683	2023-05-12	06:42:38	8.0578 S	110.1343 E	10 km	2.2	Java, Indonesia
1684	2023-05-12	08:42:06	8.9773 S	113.7061 E	10 km	3.3	Java, Indonesia
1685	2023-05-12	10:03:42	7.9581 S	110.4437 E	11 km	1.8	Java, Indonesia
1686	2023-05-12	10:54:19	9.5382 S	114.0747 E	10 km	3.1	South of Bali, Indonesia
1687	2023-05-12	12:09:57	10.4751 S	113.3713 E	10 km	3.7	South of Java, Indonesia
1688	2023-05-12	19:22:24	9.1043 S	112.1591 E	10 km	3.1	South of Java, Indonesia
1689	2023-05-12	19:42:48	10.3590 S	113.1952 E	10 km	3.8	South of Java, Indonesia
1690	2023-05-12	21:36:15	8.8927 S	110.6748 E	50 km	2.7	Java, Indonesia
1691	2023-05-13	00:41:31	8.4378 S	108.6010 E	10 km	3.0	Java, Indonesia
1692	2023-05-13	01:57:27	9.1874 S	110.3203 E	10 km	2.9	South of Java, Indonesia
1693	2023-05-13	03:13:56	7.9884 S	110.4078 E	14 km	1.8	Java, Indonesia
1694	2023-05-13	16:45:12	8.9297 S	110.1924 E	79 km	2.8	Java, Indonesia
1695	2023-05-13	16:49:55	8.2308 S	110.6255 E	109 km	2.4	Java, Indonesia
1696	2023-05-13	17:18:36	10.4645 S	113.2506 E	10 km	3.8	South of Java, Indonesia
1697	2023-05-13	18:20:24	8.4592 S	110.8178 E	13 km	2.5	Java, Indonesia
1698	2023-05-13	19:07:41	7.1464 S	113.7677 E	36 km	2.5	Java, Indonesia
1699	2023-05-13	19:22:12	7.2777 S	113.7132 E	9 km	2.9	Java, Indonesia
1700	2023-05-13	21:24:15	9.8403 S	109.1705 E	10 km	3.5	South of Java, Indonesia
1701	2023-05-13	21:53:25	10.4869 S	113.2366 E	10 km	3.6	South of Java, Indonesia
1702	2023-05-13	23:18:23	9.4518 S	112.9216 E	27 km	2.9	South of Java, Indonesia
1703	2023-05-13	23:57:04	8.1247 S	111.5970 E	5 km	1.9	Java, Indonesia
1704	2023-05-14	05:17:50	9.0445 S	111.4803 E	9 km	4.9	South of Java, Indonesia

1705	2023-05-14	11:53:26	8.6215 S	112.0221 E	85 km	2.8	Java, Indonesia
1706	2023-05-14	15:39:46	7.9345 S	110.4877 E	10 km	1.3	Java, Indonesia
1707	2023-05-14	16:06:02	9.0434 S	110.9351 E	27 km	2.8	South of Java, Indonesia
1708	2023-05-14	16:32:23	8.8649 S	110.3316 E	10 km	2.7	Java, Indonesia
1709	2023-05-14	16:49:03	9.1325 S	114.1878 E	62 km	2.7	South of Bali, Indonesia
1710	2023-05-14	18:21:42	8.9234 S	113.7742 E	55 km	2.5	Java, Indonesia
1711	2023-05-14	18:39:55	8.9482 S	111.4260 E	8 km	2.9	Java, Indonesia
1712	2023-05-14	18:56:53	8.9794 S	110.7123 E	10 km	2.8	Java, Indonesia
1713	2023-05-14	18:58:45	9.0539 S	110.7547 E	10 km	2.8	South of Java, Indonesia
1714	2023-05-14	21:51:31	8.6075 S	109.8269 E	80 km	2.8	Java, Indonesia
1715	2023-05-15	00:11:06	8.4015 S	108.0827 E	10 km	3.3	Java, Indonesia
1716	2023-05-15	02:08:31	7.9338 S	110.4055 E	101 km	1.7	Java, Indonesia
1717	2023-05-15	11:29:49	8.9876 S	112.9249 E	15 km	2.7	Java, Indonesia
1718	2023-05-15	11:48:15	7.9052 S	112.9718 E	162 km	3.0	Java, Indonesia
1719	2023-05-15	13:17:41	8.8995 S	111.1703 E	10 km	2.7	Java, Indonesia
1720	2023-05-15	13:46:20	8.6265 S	110.9685 E	13 km	2.5	Java, Indonesia
1721	2023-05-15	15:16:54	7.5540 S	111.0876 E	5 km	2.6	Java, Indonesia
1722	2023-05-15	20:29:27	9.3596 S	112.6772 E	10 km	3.1	South of Java, Indonesia
1723	2023-05-15	20:51:00	7.7489 S	110.2634 E	10 km	2.0	Java, Indonesia
1724	2023-05-16	01:30:22	7.5728 S	111.4050 E	83 km	2.5	Java, Indonesia
1725	2023-05-16	02:38:19	9.2213 S	112.1690 E	10 km	3.0	South of Java, Indonesia
1726	2023-05-16	05:03:58	8.7097 S	109.6949 E	76 km	2.9	Java, Indonesia
1727	2023-05-16	16:53:32	7.8574 S	110.5408 E	12 km	1.3	Java, Indonesia
1728	2023-05-16	18:49:53	8.8175 S	111.8531 E	63 km	2.7	Java, Indonesia
1729	2023-05-16	20:28:17	7.8471 S	110.4712 E	18 km	1.3	Java, Indonesia
1730	2023-05-16	22:17:10	8.9189 S	110.8338 E	27 km	2.6	Java, Indonesia
1731	2023-05-17	00:01:48	9.2617 S	113.0325 E	10 km	3.2	South of Java, Indonesia
1732	2023-05-17	00:25:34	9.0660 S	111.6145 E	10 km	3.1	South of Java, Indonesia
1733	2023-05-17	01:35:33	8.3662 S	108.6102 E	13 km	3.3	Java, Indonesia
1734	2023-05-17	01:49:06	8.9427 S	111.4478 E	19 km	3.1	Java, Indonesia

1735	2023-05-17	02:44:06	8.4227 S	109.7385 E	22 km	2.6	Java, Indonesia
1736	2023-05-17	05:03:19	10.2022 S	112.7986 E	10 km	3.4	South of Java, Indonesia
1737	2023-05-17	08:33:33	8.9684 S	112.4768 E	10 km	2.9	Java, Indonesia
1738	2023-05-17	10:36:31	10.0801 S	113.0765 E	10 km	3.5	South of Java, Indonesia
1739	2023-05-17	11:13:21	10.2070 S	112.9941 E	10 km	3.9	South of Java, Indonesia
1740	2023-05-17	17:27:34	9.3618 S	113.9223 E	10 km	4.0	South of Java, Indonesia
1741	2023-05-17	19:21:19	9.3874 S	113.9244 E	10 km	3.5	South of Java, Indonesia
1742	2023-05-17	19:57:59	9.3867 S	113.9150 E	12 km	2.6	South of Java, Indonesia
1743	2023-05-17	20:12:45	9.0435 S	110.5257 E	22 km	3.1	South of Java, Indonesia
1744	2023-05-18	02:41:06	9.2737 S	111.8660 E	10 km	2.9	South of Java, Indonesia
1745	2023-05-18	08:59:44	8.6247 S	111.0978 E	26 km	2.5	Java, Indonesia
1746	2023-05-18	09:35:08	8.4611 S	110.7416 E	10 km	2.7	Java, Indonesia
1747	2023-05-18	10:27:36	8.5202 S	110.9666 E	5 km	2.2	Java, Indonesia
1748	2023-05-18	13:33:27	7.8128 S	111.5618 E	12 km	1.8	Java, Indonesia
1749	2023-05-18	13:42:34	7.6888 S	112.0555 E	10 km	1.9	Java, Indonesia
1750	2023-05-18	15:09:57	9.1951 S	111.7582 E	10 km	2.8	South of Java, Indonesia
1751	2023-05-18	15:11:53	8.1351 S	111.6093 E	4 km	1.6	Java, Indonesia
1752	2023-05-19	01:03:01	8.6413 S	111.4525 E	74 km	2.6	Java, Indonesia
1753	2023-05-19	01:21:39	8.3222 S	108.8761 E	50 km	2.4	Java, Indonesia
1754	2023-05-19	01:36:27	8.6043 S	110.9648 E	10 km	2.4	Java, Indonesia
1755	2023-05-19	03:00:06	8.4741 S	111.5710 E	97 km	2.7	Java, Indonesia
1756	2023-05-19	05:31:27	10.4779 S	112.7396 E	10 km	4.0	South of Java, Indonesia
1757	2023-05-19	09:04:30	9.2641 S	113.8944 E	19 km	2.8	South of Java, Indonesia
1758	2023-05-19	10:52:40	8.7716 S	112.1054 E	10 km	2.6	Java, Indonesia
1759	2023-05-19	11:57:24	10.3133 S	112.0525 E	10 km	3.3	South of Java, Indonesia
1760	2023-05-19	17:14:41	8.9079 S	109.7315 E	10 km	2.8	Java, Indonesia
1761	2023-05-19	17:48:11	7.4456 S	110.4218 E	19 km	2.3	Java, Indonesia
1762	2023-05-19	19:54:44	7.4324 S	110.6310 E	10 km	2.4	Java, Indonesia
1763	2023-05-19	20:29:26	9.3995 S	113.9324 E	0 km	2.2	South of Java, Indonesia
1764	2023-05-20	03:48:31	8.9735 S	110.2527 E	10 km	2.8	Java, Indonesia

1765	2023-05-20	17:27:07	9.1909 S	113.0710 E	8 km	2.6	South of Java, Indonesia
1766	2023-05-20	17:39:34	8.3626 S	110.1679 E	7 km	2.4	Java, Indonesia
1767	2023-05-20	21:18:47	8.8941 S	112.4502 E	46 km	2.9	Java, Indonesia
1768	2023-05-21	04:39:22	8.5451 S	110.5018 E	10 km	3.0	Java, Indonesia
1769	2023-05-21	04:41:38	8.7103 S	110.6421 E	15 km	2.7	Java, Indonesia
1770	2023-05-21	07:21:38	8.9307 S	113.6619 E	12 km	3.0	Java, Indonesia
1771	2023-05-21	10:23:37	8.9096 S	110.7736 E	8 km	2.8	Java, Indonesia
1772	2023-05-21	19:32:03	8.6905 S	112.4343 E	59 km	2.6	Java, Indonesia
1773	2023-05-21	20:24:02	10.0662 S	110.0675 E	17 km	3.6	South of Java, Indonesia
1774	2023-05-21	20:30:56	10.8017 S	111.8103 E	19 km	3.8	South of Java, Indonesia
1775	2023-05-21	21:06:06	8.8295 S	111.4809 E	10 km	2.8	Java, Indonesia
1776	2023-05-21	22:33:19	7.7456 S	108.6582 E	92 km	2.5	Java, Indonesia
1777	2023-05-21	23:17:40	8.9981 S	111.2920 E	10 km	2.7	Java, Indonesia
1778	2023-05-22	10:29:04	9.1222 S	110.4261 E	10 km	2.7	South of Java, Indonesia
1779	2023-05-22	10:41:26	9.0203 S	109.7589 E	10 km	2.9	South of Java, Indonesia
1780	2023-05-22	12:14:15	8.7833 S	108.2416 E	10 km	3.0	Java, Indonesia
1781	2023-05-22	15:13:34	9.4480 S	113.6264 E	10 km	3.3	South of Java, Indonesia
1782	2023-05-22	15:22:37	9.2521 S	113.5106 E	23 km	2.7	South of Java, Indonesia
1783	2023-05-22	17:35:28	8.4903 S	110.4530 E	16 km	2.6	Java, Indonesia
1784	2023-05-22	17:45:52	8.7332 S	111.3935 E	91 km	2.7	Java, Indonesia
1785	2023-05-22	17:53:20	9.3506 S	112.8077 E	9 km	2.6	South of Java, Indonesia
1786	2023-05-22	18:19:31	6.6526 S	113.9147 E	5 km	2.5	Java, Indonesia
1787	2023-05-22	19:06:10	9.0121 S	110.7114 E	10 km	2.8	South of Java, Indonesia
1788	2023-05-22	19:29:24	8.8703 S	112.0559 E	10 km	2.9	Java, Indonesia
1789	2023-05-22	20:07:09	10.7040 S	113.1745 E	10 km	3.6	South of Java, Indonesia
1790	2023-05-22	22:53:08	9.0032 S	110.5294 E	12 km	2.9	South of Java, Indonesia
1791	2023-05-23	05:16:06	8.9315 S	111.0266 E	34 km	2.8	Java, Indonesia
1792	2023-05-23	07:14:11	8.6890 S	111.2595 E	66 km	2.5	Java, Indonesia
1793	2023-05-23	11:11:57	8.1567 S	110.1060 E	28 km	2.5	Java, Indonesia
1794	2023-05-23	11:53:25	10.2632 S	111.0070 E	24 km	4.4	South of Java, Indonesia

1795	2023-05-23	12:05:57	8.6926 S	111.0445 E	79 km	2.8	Java, Indonesia
1796	2023-05-23	13:14:56	7.9050 S	110.4797 E	11 km	1.5	Java, Indonesia
1797	2023-05-23	13:42:39	9.0227 S	113.9181 E	15 km	2.9	South of Java, Indonesia
1798	2023-05-23	15:44:05	8.1313 S	111.7879 E	122 km	2.3	Java, Indonesia
1799	2023-05-23	16:09:59	8.5457 S	112.7511 E	118 km	3.0	Java, Indonesia
1800	2023-05-23	17:12:10	9.5762 S	112.7931 E	85 km	2.9	South of Java, Indonesia
1801	2023-05-23	17:48:07	10.4449 S	110.7027 E	10 km	3.4	South of Java, Indonesia
1802	2023-05-23	18:17:24	8.4599 S	110.8691 E	62 km	2.2	Java, Indonesia
1803	2023-05-23	19:31:05	8.7391 S	111.9542 E	12 km	2.5	Java, Indonesia
1804	2023-05-23	19:38:28	8.3886 S	111.9155 E	118 km	2.4	Java, Indonesia
1805	2023-05-23	20:47:43	8.9189 S	110.4681 E	15 km	3.1	Java, Indonesia
1806	2023-05-24	02:21:09	9.2875 S	112.5387 E	10 km	4.2	South of Java, Indonesia
1807	2023-05-24	03:34:37	9.6373 S	115.1611 E	16 km	3.8	South of Bali, Indonesia
1808	2023-05-24	11:37:09	8.8223 S	109.2483 E	20 km	2.7	Java, Indonesia
1809	2023-05-24	11:43:59	10.5517 S	109.9336 E	10 km	3.5	South of Java, Indonesia
1810	2023-05-24	12:18:33	7.9939 S	110.4702 E	6 km	1.9	Java, Indonesia
1811	2023-05-24	15:08:03	8.5934 S	112.9301 E	122 km	2.2	Java, Indonesia
1812	2023-05-24	16:46:10	8.4709 S	110.5398 E	10 km	2.2	Java, Indonesia
1813	2023-05-24	17:16:13	7.8762 S	110.2907 E	10 km	1.4	Java, Indonesia
1814	2023-05-24	18:18:36	9.1364 S	113.0272 E	27 km	2.5	South of Java, Indonesia
1815	2023-05-24	23:31:26	9.2808 S	111.8062 E	16 km	2.8	South of Java, Indonesia
1816	2023-05-25	00:04:04	8.6993 S	110.2199 E	8 km	2.7	Java, Indonesia
1817	2023-05-25	02:51:03	9.6937 S	114.0929 E	4 km	3.6	South of Bali, Indonesia
1818	2023-05-25	04:33:35	8.9757 S	113.7179 E	21 km	3.7	Java, Indonesia
1819	2023-05-25	07:18:24	8.3288 S	110.1045 E	94 km	2.9	Java, Indonesia
1820	2023-05-25	10:21:38	9.5920 S	114.2312 E	10 km	3.1	South of Bali, Indonesia
1821	2023-05-25	12:36:17	10.8806 S	113.2780 E	10 km	3.8	South of Java, Indonesia
1822	2023-05-25	15:56:01	9.2843 S	113.4543 E	71 km	2.7	South of Java, Indonesia
1823	2023-05-25	16:55:18	8.3080 S	113.7682 E	5 km	1.8	Java, Indonesia
1824	2023-05-25	18:28:24	9.7019 S	114.1450 E	10 km	3.3	South of Bali, Indonesia

1825	2023-05-25	19:51:49	7.9643 S	110.5254 E	9 km	1.6	Java, Indonesia
1826	2023-05-25	19:54:35	7.9226 S	108.5888 E	122 km	2.6	Java, Indonesia
1827	2023-05-25	20:31:02	8.5121 S	113.5114 E	10 km	2.2	Java, Indonesia
1828	2023-05-25	21:36:51	8.4898 S	110.7282 E	8 km	2.6	Java, Indonesia
1829	2023-05-25	23:14:15	9.6679 S	114.1981 E	10 km	3.6	South of Bali, Indonesia
1830	2023-05-26	00:52:32	9.6563 S	114.0059 E	10 km	3.2	South of Bali, Indonesia
1831	2023-05-26	03:50:16	8.3596 S	110.5090 E	69 km	2.5	Java, Indonesia
1832	2023-05-26	04:23:44	8.9674 S	111.9958 E	10 km	2.8	Java, Indonesia
1833	2023-05-26	11:36:42	9.3644 S	113.9581 E	37 km	3.1	South of Java, Indonesia
1834	2023-05-26	14:05:06	8.2199 S	107.9793 E	23 km	3.8	Java, Indonesia
1835	2023-05-26	15:03:51	8.6234 S	113.4057 E	2 km	2.7	Java, Indonesia
1836	2023-05-26	15:16:11	8.5671 S	111.5873 E	10 km	2.7	Java, Indonesia
1837	2023-05-26	15:33:34	8.7514 S	112.5936 E	74 km	2.4	Java, Indonesia
1838	2023-05-26	15:52:34	8.9982 S	114.2827 E	10 km	3.0	Bali Region, Indonesia
1839	2023-05-26	16:39:43	8.9246 S	113.7447 E	110 km	2.6	Java, Indonesia
1840	2023-05-26	17:37:30	8.4929 S	110.6533 E	11 km	2.4	Java, Indonesia
1841	2023-05-26	21:47:03	7.4499 S	110.2865 E	23 km	2.4	Java, Indonesia
1842	2023-05-26	23:07:35	7.6156 S	109.2621 E	92 km	2.3	Java, Indonesia
1843	2023-05-26	23:57:52	8.1950 S	108.0680 E	24 km	3.3	Java, Indonesia
1844	2023-05-27	06:00:16	8.9611 S	112.9971 E	25 km	4.4	Java, Indonesia
1845	2023-05-27	06:28:08	8.6313 S	112.1100 E	24 km	2.7	Java, Indonesia
1846	2023-05-27	06:29:39	8.7138 S	110.9602 E	11 km	2.6	Java, Indonesia
1847	2023-05-27	10:33:00	7.3175 S	110.3618 E	8 km	2.5	Java, Indonesia
1848	2023-05-27	10:36:08	7.2291 S	110.2987 E	3 km	2.5	Java, Indonesia
1849	2023-05-27	11:31:28	8.3994 S	108.8683 E	60 km	3.3	Java, Indonesia
1850	2023-05-27	13:14:00	9.5519 S	112.8051 E	10 km	3.6	South of Java, Indonesia
1851	2023-05-27	13:33:32	9.5802 S	112.7831 E	10 km	3.3	South of Java, Indonesia
1852	2023-05-27	17:22:22	8.4869 S	108.8409 E	14 km	2.8	Java, Indonesia
1853	2023-05-28	04:23:14	9.6836 S	112.7171 E	19 km	3.8	South of Java, Indonesia
1854	2023-05-28	06:42:25	9.3070 S	113.2209 E	10 km	2.6	South of Java, Indonesia

1855	2023-05-28	06:45:23	8.0516 S	111.2109 E	14 km	2.7	Java, Indonesia
1856	2023-05-28	08:29:43	6.8174 S	112.6573 E	10 km	2.2	Java, Indonesia
1857	2023-05-28	09:42:51	9.5197 S	112.9306 E	14 km	3.1	South of Java, Indonesia
1858	2023-05-28	10:47:52	9.6733 S	112.8159 E	15 km	3.2	South of Java, Indonesia
1859	2023-05-28	11:12:13	9.6427 S	112.7799 E	10 km	3.7	South of Java, Indonesia
1860	2023-05-28	13:09:43	8.7644 S	109.2520 E	10 km	3.1	Java, Indonesia
1861	2023-05-28	14:31:23	9.5545 S	112.6941 E	10 km	3.2	South of Java, Indonesia
1862	2023-05-28	14:34:25	8.4826 S	113.6593 E	5 km	1.8	Java, Indonesia
1863	2023-05-28	15:06:02	9.6610 S	112.8793 E	10 km	3.1	South of Java, Indonesia
1864	2023-05-28	16:48:06	8.6989 S	108.7459 E	15 km	2.9	Java, Indonesia
1865	2023-05-28	17:01:08	7.5341 S	110.3422 E	79 km	2.5	Java, Indonesia
1866	2023-05-28	17:15:33	8.8285 S	111.8090 E	63 km	2.6	Java, Indonesia
1867	2023-05-28	18:10:15	8.9538 S	110.4355 E	10 km	2.7	Java, Indonesia
1868	2023-05-28	20:28:11	8.5904 S	109.8621 E	15 km	3.2	Java, Indonesia
1869	2023-05-28	20:32:41	9.7477 S	109.6805 E	40 km	3.4	South of Java, Indonesia
1870	2023-05-28	21:11:31	8.6945 S	111.4279 E	9 km	2.6	Java, Indonesia
1871	2023-05-29	00:10:08	9.0502 S	112.8545 E	34 km	3.0	South of Java, Indonesia
1872	2023-05-29	04:14:19	8.7409 S	110.2512 E	33 km	3.0	Java, Indonesia
1873	2023-05-29	13:07:08	8.3765 S	109.7678 E	27 km	2.6	Java, Indonesia
1874	2023-05-29	14:14:30	8.9530 S	110.2687 E	10 km	3.0	Java, Indonesia
1875	2023-05-29	17:33:18	8.7944 S	113.3585 E	58 km	2.6	Java, Indonesia
1876	2023-05-29	18:50:43	8.6314 S	109.8305 E	25 km	2.9	Java, Indonesia
1877	2023-05-29	18:54:34	9.1097 S	110.5981 E	10 km	2.8	South of Java, Indonesia
1878	2023-05-29	23:57:56	8.6147 S	110.9141 E	45 km	2.5	Java, Indonesia
1879	2023-05-30	04:20:10	8.7275 S	110.8117 E	7 km	2.6	Java, Indonesia
1880	2023-05-30	05:21:22	7.3306 S	111.1231 E	71 km	2.5	Java, Indonesia
1881	2023-05-30	05:57:49	8.9598 S	111.4429 E	9 km	2.7	Java, Indonesia
1882	2023-05-30	06:55:14	8.5463 S	108.7734 E	61 km	3.6	Java, Indonesia
1883	2023-05-30	08:44:06	9.6786 S	112.2081 E	29 km	3.4	South of Java, Indonesia
1884	2023-05-30	12:53:12	8.9287 S	112.9355 E	59 km	3.7	Java, Indonesia

1885	2023-05-30	13:10:03	8.4652 S	108.9614 E	10 km	3.0	Java, Indonesia
1886	2023-05-30	14:44:04	8.8070 S	111.2210 E	59 km	2.8	Java, Indonesia
1887	2023-05-30	17:53:52	8.6028 S	112.7182 E	123 km	3.2	Java, Indonesia
1888	2023-05-30	22:17:12	8.7484 S	110.6020 E	9 km	2.6	Java, Indonesia
1889	2023-05-30	23:20:21	8.6715 S	112.5887 E	113 km	2.6	Java, Indonesia
1890	2023-05-31	01:18:20	9.5500 S	113.6091 E	10 km	3.1	South of Java, Indonesia
1891	2023-05-31	08:45:15	9.3802 S	114.8071 E	61 km	3.4	South of Bali, Indonesia
1892	2023-05-31	10:20:44	8.5564 S	112.1427 E	97 km	2.9	Java, Indonesia
1893	2023-05-31	11:46:46	9.2497 S	113.4868 E	10 km	2.9	South of Java, Indonesia
1894	2023-05-31	13:00:46	10.4595 S	113.1112 E	17 km	4.0	South of Java, Indonesia
1895	2023-05-31	14:48:47	8.6637 S	109.8950 E	24 km	2.7	Java, Indonesia
1896	2023-05-31	15:11:39	8.8328 S	111.1703 E	22 km	2.9	Java, Indonesia
1897	2023-05-31	15:35:40	10.4904 S	113.1862 E	9 km	3.5	South of Java, Indonesia
1898	2023-05-31	16:24:25	10.5836 S	113.2434 E	10 km	3.6	South of Java, Indonesia
1899	2023-05-31	17:38:24	9.3079 S	114.9800 E	22 km	3.2	South of Bali, Indonesia
1900	2023-05-31	22:01:45	8.8403 S	109.7475 E	10 km	3.2	Java, Indonesia
1901	2023-06-01	02:26:46	8.9261 S	110.7313 E	10 km	2.8	Java, Indonesia
1902	2023-06-01	11:25:16	8.7770 S	111.3321 E	19 km	2.6	Java, Indonesia
1903	2023-06-01	15:40:31	8.6269 S	109.7338 E	28 km	2.7	Java, Indonesia
1904	2023-06-01	18:04:25	8.5895 S	110.9787 E	13 km	2.5	Java, Indonesia
1905	2023-06-01	23:07:12	8.0609 S	110.2922 E	23 km	2.3	Java, Indonesia
1906	2023-06-02	00:19:48	8.8355 S	112.5128 E	39 km	2.9	Java, Indonesia
1907	2023-06-02	07:56:13	8.8578 S	111.5621 E	42 km	2.9	Java, Indonesia
1908	2023-06-02	08:00:26	9.2097 S	113.9627 E	10 km	3.0	South of Java, Indonesia
1909	2023-06-02	08:08:29	6.8631 S	113.5329 E	10 km	2.4	Java, Indonesia
1910	2023-06-02	08:12:12	8.4849 S	111.4671 E	107 km	2.6	Java, Indonesia
1911	2023-06-02	08:19:50	8.9808 S	110.5021 E	60 km	3.0	Java, Indonesia
1912	2023-06-02	09:35:28	8.8636 S	111.1204 E	12 km	2.6	Java, Indonesia
1913	2023-06-02	09:42:20	8.1455 S	113.9868 E	1 km	2.0	Java, Indonesia
1914	2023-06-02	11:34:23	8.6664 S	109.9774 E	34 km	2.8	Java, Indonesia

1915	2023-06-02	13:59:45	8.4007 S	109.0722 E	51 km	2.6	Java, Indonesia
1916	2023-06-02	16:35:02	9.2436 S	114.1124 E	64 km	2.6	South of Bali, Indonesia
1917	2023-06-02	16:38:23	8.5669 S	111.4003 E	2 km	2.5	Java, Indonesia
1918	2023-06-02	17:17:20	9.0682 S	110.5350 E	11 km	2.8	South of Java, Indonesia
1919	2023-06-02	17:47:49	8.8411 S	111.2724 E	10 km	2.6	Java, Indonesia
1920	2023-06-02	18:31:53	8.5300 S	113.3999 E	10 km	1.9	Java, Indonesia
1921	2023-06-02	18:42:17	9.2311 S	110.5906 E	10 km	2.9	South of Java, Indonesia
1922	2023-06-02	19:44:11	8.6303 S	110.7006 E	10 km	2.5	Java, Indonesia
1923	2023-06-02	21:12:27	9.1803 S	113.0379 E	14 km	2.9	South of Java, Indonesia
1924	2023-06-03	03:05:46	9.2283 S	113.0806 E	10 km	2.8	South of Java, Indonesia
1925	2023-06-03	03:52:18	9.0244 S	113.1394 E	34 km	2.7	South of Java, Indonesia
1926	2023-06-03	04:37:23	8.2399 S	113.6133 E	3 km	2.6	Java, Indonesia
1927	2023-06-03	05:29:11	8.2616 S	108.8155 E	51 km	2.6	Java, Indonesia
1928	2023-06-03	07:10:53	8.9336 S	110.9891 E	19 km	2.9	Java, Indonesia
1929	2023-06-03	10:45:41	8.2724 S	113.6095 E	4 km	1.6	Java, Indonesia
1930	2023-06-03	11:37:03	8.3098 S	110.1151 E	10 km	2.6	Java, Indonesia
1931	2023-06-03	13:31:40	9.0063 S	111.0827 E	10 km	2.7	South of Java, Indonesia
1932	2023-06-03	13:34:24	9.0219 S	112.9927 E	10 km	2.6	South of Java, Indonesia
1933	2023-06-03	14:44:10	7.7439 S	114.0874 E	12 km	2.3	Bali Sea
1934	2023-06-03	14:55:43	9.1270 S	111.2215 E	12 km	2.6	South of Java, Indonesia
1935	2023-06-03	18:49:42	8.8855 S	111.9491 E	64 km	2.7	Java, Indonesia
1936	2023-06-03	19:23:08	8.4148 S	108.9648 E	23 km	2.7	Java, Indonesia
1937	2023-06-03	22:44:25	8.2983 S	111.4613 E	110 km	2.9	Java, Indonesia
1938	2023-06-04	06:56:18	9.5143 S	112.8100 E	10 km	3.3	South of Java, Indonesia
1939	2023-06-04	07:54:42	8.9558 S	111.0872 E	25 km	3.4	Java, Indonesia
1940	2023-06-04	08:15:21	8.7980 S	111.3110 E	18 km	2.7	Java, Indonesia
1941	2023-06-04	09:28:07	9.0833 S	110.6236 E	30 km	3.4	South of Java, Indonesia
1942	2023-06-04	13:48:44	8.3931 S	108.2287 E	5 km	4.5	Java, Indonesia
1943	2023-06-04	16:33:20	8.9517 S	111.2574 E	14 km	2.7	Java, Indonesia
1944	2023-06-04	16:55:41	10.6370 S	113.1122 E	10 km	3.6	South of Java, Indonesia

1945	2023-06-04	17:04:36	10.4423 S	113.1833 E	10 km	3.5	South of Java, Indonesia
1946	2023-06-04	19:07:50	10.2533 S	113.6071 E	10 km	3.6	South of Java, Indonesia
1947	2023-06-04	22:20:38	8.9688 S	110.8349 E	10 km	2.7	Java, Indonesia
1948	2023-06-05	03:24:15	8.8076 S	111.8805 E	10 km	2.6	Java, Indonesia
1949	2023-06-05	06:10:14	9.1804 S	113.5999 E	10 km	3.2	South of Java, Indonesia
1950	2023-06-05	16:17:58	9.2400 S	113.1600 E	19 km	3.0	South of Java, Indonesia
1951	2023-06-05	19:27:02	8.9709 S	110.5489 E	71 km	3.1	Java, Indonesia
1952	2023-06-05	22:39:24	8.9498 S	111.1637 E	11 km	2.6	Java, Indonesia
1953	2023-06-06	00:15:25	8.8441 S	111.7667 E	7 km	2.9	Java, Indonesia
1954	2023-06-06	04:49:50	8.8940 S	112.4688 E	40 km	3.5	Java, Indonesia
1955	2023-06-06	05:48:21	6.1596 S	112.9757 E	8 km	3.9	Java, Indonesia
1956	2023-06-06	13:52:21	8.9997 S	110.4539 E	8 km	2.9	Java, Indonesia
1957	2023-06-06	17:49:35	8.6504 S	111.7752 E	10 km	2.8	Java, Indonesia
1958	2023-06-06	23:16:18	9.0721 S	112.0426 E	10 km	3.0	South of Java, Indonesia
1959	2023-06-07	01:00:55	9.2186 S	112.6847 E	55 km	3.0	South of Java, Indonesia
1960	2023-06-07	01:36:47	8.8481 S	110.2188 E	15 km	3.1	Java, Indonesia
1961	2023-06-07	03:18:01	9.1307 S	111.3331 E	14 km	3.1	South of Java, Indonesia
1962	2023-06-07	07:01:13	8.0346 S	110.0806 E	18 km	2.8	Java, Indonesia
1963	2023-06-07	07:08:59	7.9539 S	110.5427 E	15 km	2.6	Java, Indonesia
1964	2023-06-07	10:17:07	7.9131 S	110.4488 E	7 km	1.9	Java, Indonesia
1965	2023-06-07	12:47:39	8.0522 S	110.8878 E	5 km	2.2	Java, Indonesia
1966	2023-06-07	13:43:48	9.4389 S	112.0590 E	7 km	3.2	South of Java, Indonesia
1967	2023-06-07	14:30:38	9.3236 S	111.7246 E	10 km	3.3	South of Java, Indonesia
1968	2023-06-07	14:51:08	8.5855 S	110.9833 E	14 km	2.7	Java, Indonesia
1969	2023-06-07	16:10:05	8.4125 S	111.7901 E	10 km	3.2	Java, Indonesia
1970	2023-06-07	16:24:19	9.0018 S	111.2746 E	15 km	3.3	South of Java, Indonesia
1971	2023-06-07	17:04:56	9.0496 S	110.6723 E	10 km	6.1	South of Java, Indonesia
1972	2023-06-07	17:16:35	8.9690 S	110.6640 E	10 km	3.7	Java, Indonesia
1973	2023-06-07	17:21:45	8.9965 S	110.8462 E	10 km	3.5	Java, Indonesia
1974	2023-06-07	17:27:51	8.9781 S	110.8166 E	18 km	3.5	Java, Indonesia

1975	2023-06-07	17:33:17	8.8644 S	110.7188 E	10 km	3.3	Java, Indonesia
1976	2023-06-07	17:36:09	8.9967 S	110.7571 E	10 km	3.5	Java, Indonesia
1977	2023-06-07	17:38:50	8.9403 S	110.7762 E	10 km	3.2	Java, Indonesia
1978	2023-06-07	17:46:55	8.9916 S	110.6908 E	10 km	3.3	Java, Indonesia
1979	2023-06-07	17:49:35	8.9359 S	110.7139 E	10 km	3.4	Java, Indonesia
1980	2023-06-07	17:54:58	9.1436 S	110.6793 E	10 km	3.1	South of Java, Indonesia
1981	2023-06-07	18:00:03	8.9255 S	110.7933 E	10 km	3.1	Java, Indonesia
1982	2023-06-07	18:06:58	9.0825 S	110.6786 E	58 km	3.2	South of Java, Indonesia
1983	2023-06-07	18:23:06	8.8704 S	110.6210 E	7 km	3.0	Java, Indonesia
1984	2023-06-07	18:29:54	8.8222 S	110.8443 E	23 km	2.8	Java, Indonesia
1985	2023-06-07	18:44:52	8.7675 S	110.7344 E	22 km	2.9	Java, Indonesia
1986	2023-06-07	18:50:16	8.8916 S	110.7152 E	22 km	3.0	Java, Indonesia
1987	2023-06-07	18:56:41	8.8624 S	110.7182 E	20 km	2.9	Java, Indonesia
1988	2023-06-07	19:01:41	8.9155 S	110.6834 E	12 km	3.0	Java, Indonesia
1989	2023-06-07	19:14:43	8.8985 S	110.7110 E	27 km	2.9	Java, Indonesia
1990	2023-06-07	19:42:12	9.4793 S	110.5666 E	10 km	3.1	South of Java, Indonesia
1991	2023-06-07	19:50:55	8.9622 S	110.7266 E	14 km	3.0	Java, Indonesia
1992	2023-06-07	19:58:46	8.0121 S	108.7793 E	97 km	3.4	Java, Indonesia
1993	2023-06-07	20:06:29	8.7665 S	110.6261 E	33 km	2.9	Java, Indonesia
1994	2023-06-07	20:18:39	8.8712 S	110.8261 E	11 km	2.9	Java, Indonesia
1995	2023-06-07	21:38:06	10.5035 S	110.9607 E	13 km	3.8	South of Java, Indonesia
1996	2023-06-07	22:17:01	8.6119 S	110.4922 E	16 km	2.9	Java, Indonesia
1997	2023-06-07	22:22:58	8.8066 S	110.5631 E	21 km	3.1	Java, Indonesia
1998	2023-06-07	22:28:37	9.5066 S	110.3466 E	10 km	3.3	South of Java, Indonesia
1999	2023-06-07	23:00:36	8.7129 S	110.7163 E	54 km	2.9	Java, Indonesia
2000	2023-06-07	23:06:50	8.7898 S	110.8825 E	18 km	2.9	Java, Indonesia
2001	2023-06-08	00:38:09	8.8035 S	110.8098 E	10 km	3.4	Java, Indonesia
2002	2023-06-08	01:02:58	8.8786 S	110.6758 E	41 km	3.1	Java, Indonesia
2003	2023-06-08	02:18:27	8.8885 S	110.7519 E	10 km	2.9	Java, Indonesia
2004	2023-06-08	03:09:43	9.2039 S	112.9513 E	23 km	2.8	South of Java, Indonesia

2005	2023-06-08	08:57:07	9.5627 S	114.0905 E	5 km	3.4	South of Bali, Indonesia
2006	2023-06-08	11:53:43	8.7922 S	111.3419 E	18 km	2.8	Java, Indonesia
2007	2023-06-08	14:45:20	6.7647 S	112.2921 E	4 km	2.7	Java, Indonesia
2008	2023-06-08	16:37:41	7.9500 S	110.4771 E	12 km	2.4	Java, Indonesia
2009	2023-06-08	17:43:17	7.9277 S	110.4727 E	8 km	1.7	Java, Indonesia
2010	2023-06-08	18:29:17	7.8788 S	110.4085 E	6 km	1.6	Java, Indonesia
2011	2023-06-08	19:16:23	7.9674 S	110.4589 E	25 km	2.0	Java, Indonesia
2012	2023-06-08	23:41:29	8.9026 S	110.7112 E	10 km	2.8	Java, Indonesia
2013	2023-06-09	02:03:55	9.0803 S	110.2521 E	23 km	3.1	South of Java, Indonesia
2014	2023-06-09	04:03:09	7.9878 S	110.3927 E	23 km	2.0	Java, Indonesia
2015	2023-06-09	04:39:40	8.0373 S	110.3185 E	10 km	1.8	Java, Indonesia
2016	2023-06-09	05:08:16	8.4528 S	110.1855 E	21 km	2.7	Java, Indonesia
2017	2023-06-09	06:09:23	8.4595 S	110.8892 E	10 km	2.6	Java, Indonesia
2018	2023-06-09	07:01:21	9.5231 S	113.0573 E	10 km	3.1	South of Java, Indonesia
2019	2023-06-09	08:09:10	9.0002 S	111.2386 E	14 km	2.8	South of Java, Indonesia
2020	2023-06-09	09:30:19	9.1325 S	114.0165 E	8 km	3.3	South of Bali, Indonesia
2021	2023-06-09	09:33:41	7.8291 S	110.4787 E	1 km	2.0	Java, Indonesia
2022	2023-06-09	11:27:37	9.0052 S	110.7404 E	10 km	2.8	South of Java, Indonesia
2023	2023-06-09	12:50:43	9.0446 S	110.8273 E	9 km	2.8	South of Java, Indonesia
2024	2023-06-09	14:00:08	7.9263 S	110.3999 E	10 km	1.9	Java, Indonesia
2025	2023-06-09	14:35:35	8.7032 S	110.7840 E	19 km	2.7	Java, Indonesia
2026	2023-06-09	15:44:47	8.8434 S	110.6776 E	9 km	2.9	Java, Indonesia
2027	2023-06-09	18:39:07	8.9265 S	111.2593 E	15 km	3.0	Java, Indonesia
2028	2023-06-09	22:13:44	9.0430 S	113.0714 E	38 km	2.5	South of Java, Indonesia
2029	2023-06-10	01:14:17	7.9328 S	110.5049 E	15 km	2.3	Java, Indonesia
2030	2023-06-10	01:42:41	8.8500 S	110.7899 E	17 km	2.7	Java, Indonesia
2031	2023-06-10	02:54:33	9.8260 S	112.7801 E	10 km	3.0	South of Java, Indonesia
2032	2023-06-10	06:52:07	8.7416 S	108.7100 E	11 km	3.2	Java, Indonesia
2033	2023-06-10	10:25:06	7.6245 S	110.3235 E	3 km	2.8	Java, Indonesia
2034	2023-06-10	11:45:56	8.8701 S	110.9845 E	12 km	2.7	Java, Indonesia

2035	2023-06-10	13:38:12	8.7725 S	110.7022 E	26 km	2.8	Java, Indonesia
2036	2023-06-10	13:56:55	9.4310 S	114.3622 E	27 km	3.6	South of Bali, Indonesia
2037	2023-06-10	15:30:12	9.2421 S	112.1791 E	12 km	2.9	South of Java, Indonesia
2038	2023-06-10	18:44:07	10.2746 S	110.5835 E	10 km	3.5	South of Java, Indonesia
2039	2023-06-10	20:08:31	8.5112 S	112.8904 E	98 km	2.5	Java, Indonesia
2040	2023-06-10	20:28:35	8.3983 S	110.3327 E	9 km	2.8	Java, Indonesia
2041	2023-06-10	22:16:52	8.8751 S	110.7446 E	10 km	2.8	Java, Indonesia
2042	2023-06-10	22:41:50	7.9292 S	110.4728 E	33 km	2.0	Java, Indonesia
2043	2023-06-10	22:47:02	7.7385 S	110.5241 E	25 km	2.2	Java, Indonesia
2044	2023-06-10	23:20:19	9.9307 S	110.2725 E	23 km	3.6	South of Java, Indonesia
2045	2023-06-11	00:32:26	7.9647 S	110.4248 E	11 km	2.8	Java, Indonesia
2046	2023-06-11	01:53:08	9.0798 S	112.9971 E	30 km	2.9	South of Java, Indonesia
2047	2023-06-11	04:34:46	8.6892 S	110.9108 E	46 km	2.6	Java, Indonesia
2048	2023-06-11	08:35:12	8.6674 S	112.7385 E	110 km	2.8	Java, Indonesia
2049	2023-06-11	10:37:42	9.0269 S	110.7559 E	9 km	3.0	South of Java, Indonesia
2050	2023-06-11	11:32:30	8.6355 S	110.9677 E	9 km	3.3	Java, Indonesia
2051	2023-06-11	12:17:16	9.0968 S	112.3034 E	10 km	3.2	South of Java, Indonesia
2052	2023-06-11	12:28:20	8.9600 S	113.5675 E	10 km	2.8	Java, Indonesia
2053	2023-06-11	13:35:16	8.9806 S	110.5851 E	13 km	2.9	Java, Indonesia
2054	2023-06-11	16:00:09	9.3438 S	110.3768 E	10 km	3.8	South of Java, Indonesia
2055	2023-06-11	18:27:16	9.0123 S	110.6406 E	100 km	3.5	South of Java, Indonesia
2056	2023-06-11	18:38:40	9.4058 S	110.2556 E	82 km	3.3	South of Java, Indonesia
2057	2023-06-11	18:56:41	7.6638 S	109.9397 E	8 km	2.8	Java, Indonesia
2058	2023-06-11	21:11:15	9.3780 S	110.6009 E	11 km	3.1	South of Java, Indonesia
2059	2023-06-11	21:24:24	8.8957 S	110.8297 E	9 km	2.9	Java, Indonesia
2060	2023-06-12	00:36:19	8.5335 S	112.9884 E	135 km	3.3	Java, Indonesia
2061	2023-06-12	01:04:22	7.0893 S	111.8548 E	9 km	4.0	Java, Indonesia
2062	2023-06-12	04:00:42	8.5505 S	113.6977 E	6 km	2.4	Java, Indonesia
2063	2023-06-12	05:37:28	9.0255 S	110.5176 E	10 km	3.1	South of Java, Indonesia
2064	2023-06-12	07:18:33	8.5848 S	111.0012 E	10 km	2.7	Java, Indonesia

2065	2023-06-12	07:39:00	9.3288 S	110.4383 E	10 km	3.1	South of Java, Indonesia
2066	2023-06-12	08:35:28	9.2488 S	110.5279 E	10 km	2.9	South of Java, Indonesia
2067	2023-06-12	12:47:51	8.1051 S	110.7055 E	10 km	1.7	Java, Indonesia
2068	2023-06-12	16:23:07	8.8545 S	110.7977 E	10 km	2.6	Java, Indonesia
2069	2023-06-12	20:26:17	8.9931 S	110.6312 E	15 km	2.9	Java, Indonesia
2070	2023-06-12	20:35:58	8.2999 S	110.3746 E	10 km	2.3	Java, Indonesia
2071	2023-06-12	20:57:53	8.5754 S	110.9725 E	10 km	2.7	Java, Indonesia
2072	2023-06-12	21:21:53	10.3107 S	111.6528 E	10 km	3.5	South of Java, Indonesia
2073	2023-06-12	21:25:44	8.0498 S	111.0227 E	83 km	2.3	Java, Indonesia
2074	2023-06-13	01:51:38	8.4772 S	110.9367 E	83 km	2.4	Java, Indonesia
2075	2023-06-13	03:53:22	8.7218 S	110.8354 E	10 km	2.6	Java, Indonesia
2076	2023-06-13	04:05:45	10.8383 S	113.8460 E	13 km	4.8	South of Java, Indonesia
2077	2023-06-13	05:37:57	9.0326 S	110.7303 E	15 km	3.7	South of Java, Indonesia
2078	2023-06-13	05:51:18	8.9818 S	112.5176 E	27 km	3.3	Java, Indonesia
2079	2023-06-13	07:42:17	7.9092 S	110.4685 E	25 km	1.5	Java, Indonesia
2080	2023-06-13	08:36:08	8.2072 S	110.4692 E	5 km	2.4	Java, Indonesia
2081	2023-06-13	13:11:26	8.7784 S	111.5446 E	35 km	2.9	Java, Indonesia
2082	2023-06-13	13:21:32	8.8150 S	113.3034 E	44 km	2.6	Java, Indonesia
2083	2023-06-13	15:31:18	8.6025 S	110.9627 E	8 km	2.6	Java, Indonesia
2084	2023-06-13	15:39:34	8.6919 S	110.9231 E	10 km	3.2	Java, Indonesia
2085	2023-06-13	15:49:30	8.6982 S	110.7655 E	15 km	2.7	Java, Indonesia
2086	2023-06-13	16:35:44	8.0672 S	110.3088 E	6 km	2.3	Java, Indonesia
2087	2023-06-13	18:29:37	8.6240 S	110.8239 E	10 km	2.6	Java, Indonesia
2088	2023-06-13	20:46:18	8.6232 S	110.8963 E	10 km	2.6	Java, Indonesia
2089	2023-06-14	03:09:03	8.8814 S	110.7369 E	9 km	3.0	Java, Indonesia
2090	2023-06-14	04:11:02	8.6061 S	110.9579 E	10 km	2.5	Java, Indonesia
2091	2023-06-14	06:25:54	9.0901 S	110.7090 E	10 km	3.0	South of Java, Indonesia
2092	2023-06-14	09:29:55	8.8424 S	110.9101 E	10 km	2.7	Java, Indonesia
2093	2023-06-14	11:42:22	8.5970 S	109.1497 E	54 km	2.7	Java, Indonesia
2094	2023-06-14	17:01:10	8.6149 S	109.6905 E	10 km	2.6	Java, Indonesia

2095	2023-06-14	17:31:21	9.1630 S	113.2151 E	10 km	3.0	South of Java, Indonesia
2096	2023-06-14	22:01:33	8.2580 S	112.0736 E	133 km	2.7	Java, Indonesia
2097	2023-06-15	00:12:46	8.4121 S	109.7951 E	31 km	2.9	Java, Indonesia
2098	2023-06-15	00:25:23	6.8603 S	108.8367 E	10 km	2.8	Java, Indonesia
2099	2023-06-15	07:04:40	8.9409 S	110.7482 E	7 km	2.7	Java, Indonesia
2100	2023-06-15	09:51:44	9.1391 S	110.2631 E	1 km	3.0	South of Java, Indonesia
2101	2023-06-15	12:14:15	9.0401 S	110.2901 E	6 km	3.1	South of Java, Indonesia
2102	2023-06-15	13:46:03	7.5398 S	112.2206 E	2 km	2.9	Java, Indonesia
2103	2023-06-15	18:09:23	7.8900 S	111.3000 E	134 km	2.6	Java, Indonesia
2104	2023-06-15	20:47:07	9.1791 S	112.5700 E	30 km	2.7	South of Java, Indonesia
2105	2023-06-15	21:24:03	8.8364 S	110.8440 E	26 km	2.6	Java, Indonesia
2106	2023-06-15	22:02:18	10.6444 S	110.8000 E	10 km	3.6	South of Java, Indonesia
2107	2023-06-16	01:29:49	7.7451 S	108.7368 E	120 km	2.1	Java, Indonesia
2108	2023-06-16	04:24:49	7.1487 S	110.9217 E	124 km	2.3	Java, Indonesia
2109	2023-06-16	05:23:17	8.5998 S	109.9565 E	37 km	2.6	Java, Indonesia
2110	2023-06-16	05:30:44	8.6079 S	110.9478 E	10 km	2.4	Java, Indonesia
2111	2023-06-16	08:22:27	8.3589 S	109.1012 E	25 km	2.7	Java, Indonesia
2112	2023-06-16	08:26:09	8.2936 S	109.0605 E	27 km	2.3	Java, Indonesia
2113	2023-06-16	08:51:43	8.8388 S	110.5054 E	10 km	2.4	Java, Indonesia
2114	2023-06-16	09:38:52	8.6175 S	111.6046 E	10 km	2.4	Java, Indonesia
2115	2023-06-16	15:22:14	9.3892 S	113.8861 E	10 km	2.6	South of Java, Indonesia
2116	2023-06-16	15:27:05	11.0666 S	112.5038 E	15 km	3.7	South of Java, Indonesia
2117	2023-06-16	15:34:27	8.4491 S	108.1157 E	11 km	3.3	Java, Indonesia
2118	2023-06-16	15:58:03	9.4672 S	113.8258 E	12 km	3.1	South of Java, Indonesia
2119	2023-06-16	19:29:40	8.9223 S	110.7288 E	10 km	2.4	Java, Indonesia
2120	2023-06-16	19:54:22	7.1495 S	109.9872 E	5 km	2.1	Java, Indonesia
2121	2023-06-16	20:46:54	9.2505 S	110.5879 E	9 km	2.7	South of Java, Indonesia
2122	2023-06-16	23:09:49	8.2576 S	111.8600 E	130 km	3.0	Java, Indonesia
2123	2023-06-17	00:13:14	9.0124 S	110.7514 E	10 km	2.6	South of Java, Indonesia
2124	2023-06-17	03:31:15	9.6163 S	114.1576 E	10 km	4.6	South of Bali, Indonesia

2125	2023-06-17	04:10:17	9.5655 S	116.7378 E	98 km	3.9	Sumbawa Region, Indonesia
2126	2023-06-17	11:23:59	8.4795 S	108.1483 E	10 km	2.8	Java, Indonesia
2127	2023-06-17	13:40:10	8.6973 S	110.8259 E	5 km	2.5	Java, Indonesia
2128	2023-06-17	19:52:39	8.8461 S	110.7155 E	21 km	2.7	Java, Indonesia
2129	2023-06-18	03:43:25	9.0781 S	112.0164 E	10 km	2.8	South of Java, Indonesia
2130	2023-06-18	04:34:33	7.8551 S	112.8741 E	5 km	2.2	Java, Indonesia
2131	2023-06-18	05:00:26	8.6038 S	110.9677 E	10 km	2.4	Java, Indonesia
2132	2023-06-18	07:48:22	8.7667 S	111.2210 E	67 km	2.6	Java, Indonesia
2133	2023-06-18	08:48:30	9.3982 S	112.7876 E	10 km	3.1	South of Java, Indonesia
2134	2023-06-18	14:30:52	10.6952 S	111.7850 E	10 km	3.5	South of Java, Indonesia
2135	2023-06-18	14:47:24	8.7635 S	110.9706 E	21 km	2.5	Java, Indonesia
2136	2023-06-18	15:41:07	8.8555 S	112.4487 E	39 km	2.7	Java, Indonesia
2137	2023-06-18	17:22:06	9.1345 S	113.7211 E	10 km	3.9	South of Java, Indonesia
2138	2023-06-18	17:39:56	8.4649 S	113.1182 E	130 km	2.3	Java, Indonesia
2139	2023-06-18	19:36:13	9.2019 S	111.5856 E	10 km	2.8	South of Java, Indonesia
2140	2023-06-19	06:42:23	7.9140 S	110.3608 E	10 km	1.4	Java, Indonesia
2141	2023-06-19	13:44:01	7.4923 S	112.5273 E	11 km	4.6	Java, Indonesia
2142	2023-06-19	14:06:13	7.4541 S	112.6222 E	19 km	2.2	Java, Indonesia
2143	2023-06-19	14:29:15	7.5036 S	112.5141 E	11 km	2.7	Java, Indonesia
2144	2023-06-19	14:43:46	8.8130 S	112.2847 E	159 km	2.5	Java, Indonesia
2145	2023-06-19	16:50:17	8.3706 S	108.6565 E	10 km	2.6	Java, Indonesia
2146	2023-06-19	18:06:32	9.2813 S	113.4796 E	10 km	2.8	South of Java, Indonesia
2147	2023-06-19	19:41:14	9.0717 S	113.0570 E	20 km	2.3	South of Java, Indonesia
2148	2023-06-19	19:43:03	8.0981 S	110.1716 E	68 km	2.2	Java, Indonesia
2149	2023-06-19	21:14:25	8.9820 S	113.5278 E	26 km	3.2	Java, Indonesia
2150	2023-06-20	00:49:30	8.9231 S	112.2867 E	63 km	2.9	Java, Indonesia
2151	2023-06-20	02:12:53	6.8036 S	115.3649 E	10 km	3.0	Bali Sea
2152	2023-06-20	05:49:31	9.3612 S	112.8473 E	10 km	2.6	South of Java, Indonesia
2153	2023-06-20	05:52:32	8.9044 S	110.3609 E	10 km	2.4	Java, Indonesia
2154	2023-06-20	09:24:17	8.5020 S	108.1287 E	8 km	3.1	Java, Indonesia

2155	2023-06-20	12:38:26	9.0921 S	113.0367 E	11 km	2.4	South of Java, Indonesia
2156	2023-06-20	13:43:45	8.9719 S	111.2562 E	19 km	2.4	Java, Indonesia
2157	2023-06-20	15:22:34	9.0409 S	111.2319 E	10 km	2.7	South of Java, Indonesia
2158	2023-06-20	18:21:18	8.8489 S	110.7986 E	13 km	2.2	Java, Indonesia
2159	2023-06-20	19:47:22	8.6387 S	111.0926 E	10 km	2.0	Java, Indonesia
2160	2023-06-20	19:53:18	9.3291 S	113.9409 E	10 km	2.3	South of Java, Indonesia
2161	2023-06-20	21:08:50	9.2015 S	113.4002 E	10 km	2.7	South of Java, Indonesia
2162	2023-06-20	21:57:55	8.8839 S	111.2510 E	20 km	2.2	Java, Indonesia
2163	2023-06-20	22:12:30	8.5326 S	111.3475 E	28 km	1.9	Java, Indonesia
2164	2023-06-20	22:13:52	7.9408 S	113.4024 E	22 km	1.8	Java, Indonesia
2165	2023-06-21	00:20:38	8.0152 S	113.5824 E	8 km	2.4	Java, Indonesia
2166	2023-06-21	02:00:23	8.7910 S	111.6285 E	41 km	1.9	Java, Indonesia
2167	2023-06-21	02:03:37	8.8667 S	111.1474 E	19 km	2.3	Java, Indonesia
2168	2023-06-21	03:40:36	8.3113 S	109.7490 E	45 km	2.6	Java, Indonesia
2169	2023-06-21	06:47:30	8.8108 S	111.2042 E	23 km	2.7	Java, Indonesia
2170	2023-06-21	10:50:22	8.0479 S	113.5641 E	3 km	3.3	Java, Indonesia
2171	2023-06-21	13:10:18	9.0408 S	110.5062 E	15 km	3.4	South of Java, Indonesia
2172	2023-06-21	17:52:42	8.0269 S	109.4534 E	129 km	2.6	Java, Indonesia
2173	2023-06-21	23:06:25	8.9275 S	110.2531 E	30 km	2.9	Java, Indonesia
2174	2023-06-21	23:33:04	8.8757 S	114.1596 E	192 km	3.2	Bali Region, Indonesia
2175	2023-06-22	09:29:42	8.8961 S	110.2225 E	21 km	3.0	Java, Indonesia
2176	2023-06-22	15:35:53	8.0087 S	110.4553 E	10 km	1.7	Java, Indonesia
2177	2023-06-22	15:46:24	7.6259 S	109.9816 E	10 km	2.0	Java, Indonesia
2178	2023-06-22	16:46:45	11.0414 S	111.8098 E	27 km	3.8	South of Java, Indonesia
2179	2023-06-22	18:44:46	8.2889 S	110.3189 E	24 km	2.5	Java, Indonesia
2180	2023-06-22	19:45:57	9.5638 S	112.7663 E	10 km	3.3	South of Java, Indonesia
2181	2023-06-22	20:24:45	8.4142 S	110.7030 E	41 km	2.4	Java, Indonesia
2182	2023-06-22	20:38:45	8.6246 S	111.0618 E	36 km	2.6	Java, Indonesia
2183	2023-06-22	22:40:36	10.7493 S	110.9698 E	10 km	4.5	South of Java, Indonesia
2184	2023-06-23	11:30:56	9.1844 S	112.5976 E	84 km	4.7	South of Java, Indonesia

2185	2023-06-23	13:37:21	8.3762 S	109.0909 E	18 km	2.7	Java, Indonesia
2186	2023-06-23	15:35:25	7.3057 S	109.6535 E	5 km	2.0	Java, Indonesia
2187	2023-06-23	21:39:10	8.5843 S	110.8828 E	26 km	2.5	Java, Indonesia
2188	2023-06-23	22:36:14	9.0501 S	111.8902 E	96 km	3.0	South of Java, Indonesia
2189	2023-06-23	23:16:49	9.2584 S	110.5194 E	15 km	3.6	South of Java, Indonesia
2190	2023-06-24	03:52:27	9.0949 S	111.2117 E	25 km	3.1	South of Java, Indonesia
2191	2023-06-24	04:05:18	7.9173 S	110.1835 E	10 km	1.7	Java, Indonesia
2192	2023-06-24	10:33:19	8.7904 S	111.3009 E	10 km	2.7	Java, Indonesia
2193	2023-06-24	11:28:00	8.3676 S	109.2583 E	31 km	2.7	Java, Indonesia
2194	2023-06-24	11:46:32	9.2685 S	113.5375 E	18 km	3.3	South of Java, Indonesia
2195	2023-06-24	17:02:32	8.9317 S	110.6930 E	10 km	3.0	Java, Indonesia
2196	2023-06-24	17:05:45	9.0584 S	113.1279 E	25 km	3.3	South of Java, Indonesia
2197	2023-06-24	23:44:03	9.3298 S	111.3388 E	13 km	3.2	South of Java, Indonesia
2198	2023-06-24	23:59:01	8.7221 S	113.1971 E	139 km	4.2	Java, Indonesia
2199	2023-06-25	01:32:11	9.5693 S	113.9567 E	10 km	3.1	South of Java, Indonesia
2200	2023-06-25	03:25:40	9.0860 S	111.2404 E	10 km	2.7	South of Java, Indonesia
2201	2023-06-25	05:44:47	8.8953 S	110.7905 E	10 km	2.6	Java, Indonesia
2202	2023-06-25	06:28:46	9.1738 S	111.8906 E	20 km	3.1	South of Java, Indonesia
2203	2023-06-25	07:52:21	8.9480 S	111.6695 E	6 km	3.0	Java, Indonesia
2204	2023-06-25	11:22:06	9.3094 S	113.9886 E	10 km	3.0	South of Java, Indonesia
2205	2023-06-25	12:43:28	8.3424 S	110.3498 E	9 km	2.2	Java, Indonesia
2206	2023-06-25	12:56:38	8.3512 S	109.2677 E	10 km	2.5	Java, Indonesia
2207	2023-06-25	14:13:06	8.8318 S	109.8681 E	10 km	2.7	Java, Indonesia
2208	2023-06-25	14:31:01	8.5415 S	111.2531 E	10 km	2.4	Java, Indonesia
2209	2023-06-25	14:36:29	8.3542 S	108.7790 E	27 km	3.7	Java, Indonesia
2210	2023-06-25	17:05:09	8.7255 S	110.8857 E	38 km	2.4	Java, Indonesia
2211	2023-06-25	19:10:42	9.0101 S	112.9086 E	80 km	2.4	South of Java, Indonesia
2212	2023-06-25	19:43:26	8.9605 S	110.3336 E	20 km	2.7	Java, Indonesia
2213	2023-06-25	21:50:26	8.8939 S	111.1929 E	10 km	2.7	Java, Indonesia
2214	2023-06-25	23:13:49	8.7467 S	110.6886 E	22 km	3.1	Java, Indonesia

2215	2023-06-26	01:16:15	8.8743 S	112.4616 E	36 km	4.6	Java, Indonesia
2216	2023-06-26	02:50:07	8.6467 S	111.5107 E	51 km	3.0	Java, Indonesia
2217	2023-06-26	06:19:41	9.3567 S	110.4292 E	10 km	3.6	South of Java, Indonesia
2218	2023-06-26	08:02:19	9.3363 S	110.5189 E	10 km	3.1	South of Java, Indonesia
2219	2023-06-26	08:19:14	8.4369 S	109.3758 E	28 km	3.3	Java, Indonesia
2220	2023-06-26	08:48:28	8.9100 S	112.4983 E	37 km	3.0	Java, Indonesia
2221	2023-06-26	09:39:38	8.9957 S	110.5928 E	10 km	3.0	Java, Indonesia
2222	2023-06-26	10:50:01	8.4911 S	109.0368 E	13 km	3.0	Java, Indonesia
2223	2023-06-26	11:10:51	8.4030 S	108.6821 E	18 km	3.7	Java, Indonesia
2224	2023-06-26	15:05:04	8.6630 S	110.2039 E	27 km	3.0	Java, Indonesia
2225	2023-06-26	15:47:19	9.2026 S	113.5640 E	25 km	2.9	South of Java, Indonesia
2226	2023-06-26	15:53:12	8.0132 S	110.5425 E	10 km	1.5	Java, Indonesia
2227	2023-06-26	16:19:15	10.5747 S	113.2808 E	32 km	3.8	South of Java, Indonesia
2228	2023-06-26	18:59:41	9.3409 S	113.0450 E	12 km	3.1	South of Java, Indonesia
2229	2023-06-27	00:16:12	9.2747 S	111.8341 E	10 km	3.1	South of Java, Indonesia
2230	2023-06-27	03:32:28	8.4192 S	112.8322 E	89 km	3.0	Java, Indonesia
2231	2023-06-27	03:48:04	8.2937 S	109.0029 E	26 km	4.4	Java, Indonesia
2232	2023-06-27	04:01:03	8.5661 S	110.9080 E	10 km	2.7	Java, Indonesia
2233	2023-06-27	06:00:38	8.3866 S	112.2941 E	118 km	2.6	Java, Indonesia
2234	2023-06-27	06:52:08	8.9027 S	111.1578 E	18 km	3.4	Java, Indonesia
2235	2023-06-27	10:14:48	8.9904 S	110.4526 E	3 km	3.1	Java, Indonesia
2236	2023-06-27	10:54:19	7.5325 S	111.8167 E	213 km	2.9	Java, Indonesia
2237	2023-06-27	11:50:18	8.9093 S	110.7982 E	18 km	2.9	Java, Indonesia
2238	2023-06-27	14:55:37	7.9792 S	110.2124 E	21 km	2.4	Java, Indonesia
2239	2023-06-27	15:12:39	9.1652 S	110.9000 E	7 km	3.0	South of Java, Indonesia
2240	2023-06-27	15:41:34	6.9245 S	110.0403 E	11 km	2.6	Java, Indonesia
2241	2023-06-27	17:55:19	8.8421 S	110.3792 E	1 km	2.8	Java, Indonesia
2242	2023-06-27	19:51:35	8.8479 S	113.2750 E	21 km	3.1	Java, Indonesia
2243	2023-06-27	20:12:01	8.4679 S	113.4542 E	10 km	2.4	Java, Indonesia
2244	2023-06-27	22:57:06	7.9067 S	110.3181 E	6 km	1.6	Java, Indonesia

2245	2023-06-27	23:17:59	8.6297 S	111.6002 E	10 km	2.9	Java, Indonesia
2246	2023-06-28	00:29:55	9.2102 S	111.2749 E	10 km	3.1	South of Java, Indonesia
2247	2023-06-28	01:11:52	8.8796 S	111.2205 E	17 km	2.9	Java, Indonesia
2248	2023-06-28	01:26:40	8.2270 S	112.3975 E	112 km	2.9	Java, Indonesia
2249	2023-06-28	03:11:56	7.1419 S	109.9410 E	24 km	1.9	Java, Indonesia
2250	2023-06-28	03:24:48	9.1426 S	113.4725 E	10 km	3.0	South of Java, Indonesia
2251	2023-06-28	10:13:09	9.3165 S	113.7710 E	10 km	3.0	South of Java, Indonesia
2252	2023-06-28	13:30:30	9.3730 S	112.9745 E	12 km	2.9	South of Java, Indonesia
2253	2023-06-28	13:43:23	8.8991 S	112.4400 E	39 km	2.7	Java, Indonesia
2254	2023-06-28	14:01:57	9.3383 S	113.4816 E	10 km	3.7	South of Java, Indonesia
2255	2023-06-28	17:12:38	8.8562 S	111.7286 E	16 km	2.9	Java, Indonesia
2256	2023-06-28	17:17:23	8.9885 S	110.4269 E	21 km	3.0	Java, Indonesia
2257	2023-06-28	17:23:44	9.2670 S	113.9056 E	10 km	2.8	South of Java, Indonesia
2258	2023-06-28	18:43:02	8.0150 S	110.5454 E	5 km	1.5	Java, Indonesia
2259	2023-06-28	22:32:43	8.6880 S	111.1953 E	83 km	2.8	Java, Indonesia
2260	2023-06-28	22:44:37	9.2485 S	110.0990 E	97 km	3.2	South of Java, Indonesia
2261	2023-06-28	23:00:09	9.2090 S	113.1504 E	75 km	2.8	South of Java, Indonesia
2262	2023-06-28	23:12:00	8.0629 S	110.6123 E	2 km	1.7	Java, Indonesia
2263	2023-06-28	23:34:41	10.2925 S	109.9481 E	10 km	3.7	South of Java, Indonesia
2264	2023-06-29	03:26:32	8.8588 S	112.8314 E	37 km	2.7	Java, Indonesia
2265	2023-06-29	04:42:45	8.9071 S	111.3149 E	70 km	3.2	Java, Indonesia
2266	2023-06-29	10:04:34	7.9901 S	110.3928 E	13 km	1.1	Java, Indonesia
2267	2023-06-29	12:33:05	9.0498 S	110.2538 E	10 km	3.5	South of Java, Indonesia
2268	2023-06-29	13:10:28	8.3659 S	110.3815 E	10 km	2.3	Java, Indonesia
2269	2023-06-29	15:01:32	8.8826 S	110.8188 E	10 km	2.9	Java, Indonesia
2270	2023-06-29	16:11:24	8.0364 S	109.6261 E	37 km	2.9	Java, Indonesia
2271	2023-06-29	16:51:25	7.2015 S	109.7916 E	29 km	1.6	Java, Indonesia
2272	2023-06-29	16:58:50	9.5833 S	111.0681 E	10 km	3.7	South of Java, Indonesia
2273	2023-06-29	17:41:01	8.7883 S	112.8311 E	67 km	2.7	Java, Indonesia
2274	2023-06-29	18:18:21	8.7108 S	110.1536 E	10 km	2.9	Java, Indonesia

2275	2023-06-29	18:21:22	9.0766 S	111.3438 E	13 km	3.0	South of Java, Indonesia
2276	2023-06-29	22:01:54	8.9211 S	112.7219 E	9 km	3.3	Java, Indonesia
2277	2023-06-30	02:04:20	8.4118 S	111.9910 E	21 km	3.1	Java, Indonesia
2278	2023-06-30	02:36:52	9.9415 S	109.9149 E	10 km	3.7	South of Java, Indonesia
2279	2023-06-30	05:33:30	8.7816 S	111.4826 E	11 km	3.1	Java, Indonesia
2280	2023-06-30	08:55:19	8.2054 S	110.2129 E	15 km	2.4	Java, Indonesia
2281	2023-06-30	09:11:02	7.9295 S	110.5971 E	17 km	1.3	Java, Indonesia
2282	2023-06-30	09:26:55	8.5711 S	109.4829 E	10 km	4.2	Java, Indonesia
2283	2023-06-30	12:57:42	8.6464 S	110.0664 E	22 km	6.7	Java, Indonesia
2284	2023-06-30	13:19:55	8.6376 S	110.0372 E	21 km	3.9	Java, Indonesia
2285	2023-06-30	13:25:58	8.6496 S	110.0628 E	40 km	3.5	Java, Indonesia
2286	2023-06-30	13:31:47	8.6195 S	110.0469 E	27 km	4.4	Java, Indonesia
2287	2023-06-30	13:58:23	8.5297 S	110.0824 E	32 km	3.4	Java, Indonesia
2288	2023-06-30	14:28:39	8.7098 S	110.1332 E	10 km	3.0	Java, Indonesia
2289	2023-06-30	14:35:31	8.3584 S	110.0746 E	71 km	2.9	Java, Indonesia
2290	2023-06-30	14:56:50	8.6041 S	110.0878 E	35 km	3.9	Java, Indonesia
2291	2023-06-30	15:00:03	8.5132 S	110.0465 E	44 km	3.0	Java, Indonesia
2292	2023-06-30	15:35:08	8.5046 S	110.0983 E	51 km	3.0	Java, Indonesia
2293	2023-06-30	15:37:13	8.6669 S	110.0355 E	18 km	3.0	Java, Indonesia
2294	2023-06-30	15:48:11	8.4836 S	110.0772 E	51 km	2.9	Java, Indonesia
2295	2023-06-30	15:56:38	8.5565 S	110.0824 E	47 km	3.1	Java, Indonesia
2296	2023-06-30	16:05:13	8.6471 S	110.0676 E	38 km	3.5	Java, Indonesia
2297	2023-06-30	16:37:00	8.0181 S	111.6492 E	1 km	2.1	Java, Indonesia
2298	2023-06-30	16:43:02	8.6822 S	110.0458 E	18 km	3.1	Java, Indonesia
2299	2023-06-30	16:58:07	8.6022 S	110.0389 E	41 km	3.5	Java, Indonesia
2300	2023-06-30	17:08:14	8.5984 S	110.1124 E	28 km	3.1	Java, Indonesia
2301	2023-06-30	17:29:14	8.6627 S	110.0758 E	22 km	3.0	Java, Indonesia
2302	2023-06-30	17:38:16	8.5914 S	110.0089 E	38 km	3.0	Java, Indonesia
2303	2023-06-30	17:49:57	8.5982 S	110.0028 E	22 km	3.1	Java, Indonesia
2304	2023-06-30	19:38:19	7.7146 S	109.9315 E	60 km	2.9	Java, Indonesia

2305	2023-06-30	20:36:48	8.6526 S	110.0551 E	28 km	3.5	Java, Indonesia
2306	2023-06-30	21:25:10	8.5849 S	110.0569 E	42 km	3.4	Java, Indonesia
2307	2023-06-30	22:17:37	8.5937 S	110.0257 E	45 km	2.8	Java, Indonesia
2308	2023-06-30	22:24:24	8.1199 S	109.5675 E	10 km	2.8	Java, Indonesia
2309	2023-06-30	23:01:45	8.4740 S	110.1268 E	53 km	2.9	Java, Indonesia
2310	2023-07-01	00:28:33	8.7651 S	111.3896 E	29 km	3.0	Java, Indonesia
2311	2023-07-01	00:40:39	8.9429 S	111.1470 E	15 km	3.0	Java, Indonesia
2312	2023-07-01	01:39:33	8.4048 S	110.3371 E	25 km	2.8	Java, Indonesia
2313	2023-07-01	01:52:56	8.6275 S	110.0344 E	36 km	3.3	Java, Indonesia
2314	2023-07-01	01:57:59	9.0235 S	111.3805 E	11 km	3.0	South of Java, Indonesia
2315	2023-07-01	02:45:24	8.7064 S	110.8026 E	9 km	3.5	Java, Indonesia
2316	2023-07-01	04:25:22	8.5712 S	110.3142 E	10 km	2.9	Java, Indonesia
2317	2023-07-01	04:47:50	8.5143 S	110.0421 E	32 km	2.9	Java, Indonesia
2318	2023-07-01	04:59:17	8.3897 S	110.5828 E	10 km	2.8	Java, Indonesia
2319	2023-07-01	08:51:32	8.6331 S	110.0828 E	28 km	2.9	Java, Indonesia
2320	2023-07-01	08:58:58	9.4185 S	109.9549 E	18 km	3.3	South of Java, Indonesia
2321	2023-07-01	11:43:58	8.6296 S	109.7510 E	112 km	2.9	Java, Indonesia
2322	2023-07-01	12:52:34	7.8840 S	110.4699 E	12 km	1.7	Java, Indonesia
2323	2023-07-01	12:59:04	8.6044 S	110.0436 E	42 km	2.9	Java, Indonesia
2324	2023-07-01	14:08:18	9.2992 S	110.2381 E	11 km	3.2	South of Java, Indonesia
2325	2023-07-01	15:13:10	9.6054 S	109.9400 E	35 km	3.8	South of Java, Indonesia
2326	2023-07-01	15:25:10	8.5500 S	110.0512 E	50 km	2.8	Java, Indonesia
2327	2023-07-01	15:38:13	8.4768 S	110.1734 E	52 km	2.8	Java, Indonesia
2328	2023-07-01	16:09:57	9.3578 S	113.5541 E	14 km	3.3	South of Java, Indonesia
2329	2023-07-01	16:13:24	8.6867 S	110.1172 E	13 km	3.0	Java, Indonesia
2330	2023-07-01	17:30:48	9.2253 S	110.6243 E	10 km	3.0	South of Java, Indonesia
2331	2023-07-01	21:01:33	8.1509 S	109.2538 E	10 km	3.0	Java, Indonesia
2332	2023-07-01	21:15:02	8.9330 S	110.3235 E	14 km	3.2	Java, Indonesia
2333	2023-07-01	21:30:07	8.8340 S	109.1889 E	10 km	3.2	Java, Indonesia
2334	2023-07-01	22:09:57	8.9360 S	110.8646 E	10 km	3.0	Java, Indonesia

2335	2023-07-01	23:16:55	9.1038 S	113.6823 E	10 km	3.5	South of Java, Indonesia
2336	2023-07-02	01:35:23	9.7321 S	112.8813 E	10 km	3.3	South of Java, Indonesia
2337	2023-07-02	02:07:20	9.0918 S	110.0239 E	10 km	3.2	South of Java, Indonesia
2338	2023-07-02	02:36:12	8.6195 S	109.9460 E	27 km	2.9	Java, Indonesia
2339	2023-07-02	03:08:48	8.9452 S	110.2290 E	78 km	3.0	Java, Indonesia
2340	2023-07-02	05:41:07	8.4802 S	111.4608 E	25 km	2.7	Java, Indonesia
2341	2023-07-02	06:55:34	8.6420 S	112.2939 E	45 km	2.8	Java, Indonesia
2342	2023-07-02	08:07:12	8.5151 S	110.0635 E	41 km	2.8	Java, Indonesia
2343	2023-07-02	09:11:15	8.6166 S	110.1095 E	16 km	2.8	Java, Indonesia
2344	2023-07-02	13:22:53	8.6782 S	109.9583 E	22 km	3.0	Java, Indonesia
2345	2023-07-02	13:59:44	7.9251 S	110.4342 E	8 km	1.4	Java, Indonesia
2346	2023-07-02	14:34:17	8.0431 S	109.1187 E	93 km	2.3	Java, Indonesia
2347	2023-07-02	15:08:04	8.7695 S	110.7362 E	15 km	2.6	Java, Indonesia
2348	2023-07-02	16:21:04	9.7333 S	112.9094 E	10 km	3.2	South of Java, Indonesia
2349	2023-07-02	16:52:04	8.6132 S	110.0760 E	35 km	2.7	Java, Indonesia
2350	2023-07-02	17:57:00	8.0159 S	109.3551 E	20 km	2.7	Java, Indonesia
2351	2023-07-02	20:07:34	8.6074 S	110.3105 E	12 km	2.7	Java, Indonesia
2352	2023-07-02	20:12:51	8.6644 S	109.9235 E	15 km	2.8	Java, Indonesia
2353	2023-07-02	20:48:34	8.0471 S	110.5895 E	7 km	1.5	Java, Indonesia
2354	2023-07-02	20:52:13	8.8844 S	109.8272 E	29 km	2.8	Java, Indonesia
2355	2023-07-02	21:01:39	7.5548 S	110.5030 E	8 km	2.2	Java, Indonesia
2356	2023-07-02	23:22:28	9.0988 S	109.8949 E	15 km	3.9	South of Java, Indonesia
2357	2023-07-03	01:47:54	8.5529 S	109.4803 E	37 km	3.0	Java, Indonesia
2358	2023-07-03	02:38:28	8.3340 S	114.4775 E	16 km	2.6	Bali Region, Indonesia
2359	2023-07-03	02:52:19	8.5926 S	110.0859 E	36 km	2.9	Java, Indonesia
2360	2023-07-03	03:16:02	8.8795 S	111.2902 E	64 km	3.0	Java, Indonesia
2361	2023-07-03	03:59:21	8.4308 S	109.5639 E	40 km	2.7	Java, Indonesia
2362	2023-07-03	04:06:13	8.4083 S	109.6563 E	78 km	2.8	Java, Indonesia
2363	2023-07-03	05:25:43	8.3897 S	109.0454 E	37 km	2.6	Java, Indonesia
2364	2023-07-03	05:48:16	9.7018 S	112.8800 E	46 km	3.2	South of Java, Indonesia

2365	2023-07-03	07:28:54	10.6000 S	110.9595 E	10 km	3.7	South of Java, Indonesia
2366	2023-07-03	08:02:21	9.2046 S	110.7691 E	14 km	2.9	South of Java, Indonesia
2367	2023-07-03	09:26:48	8.5620 S	110.0201 E	33 km	2.9	Java, Indonesia
2368	2023-07-03	10:28:21	9.7331 S	111.4725 E	30 km	3.2	South of Java, Indonesia
2369	2023-07-03	12:16:21	9.1604 S	111.2071 E	15 km	3.3	South of Java, Indonesia
2370	2023-07-03	12:21:55	8.9747 S	111.1961 E	15 km	2.9	Java, Indonesia
2371	2023-07-03	12:23:25	8.3755 S	110.2057 E	11 km	2.6	Java, Indonesia
2372	2023-07-03	13:39:44	8.1424 S	109.0224 E	56 km	2.5	Java, Indonesia
2373	2023-07-03	15:11:14	8.5188 S	110.0951 E	56 km	2.8	Java, Indonesia
2374	2023-07-03	16:57:04	8.3501 S	109.1370 E	44 km	2.5	Java, Indonesia
2375	2023-07-03	17:08:17	8.4190 S	109.7656 E	8 km	2.6	Java, Indonesia
2376	2023-07-03	18:45:08	9.0104 S	110.8645 E	10 km	2.7	South of Java, Indonesia
2377	2023-07-03	19:31:08	7.4227 S	109.8269 E	10 km	1.9	Java, Indonesia
2378	2023-07-03	22:44:06	8.6290 S	109.9830 E	37 km	2.8	Java, Indonesia
2379	2023-07-03	23:09:15	9.4409 S	113.9030 E	15 km	3.5	South of Java, Indonesia
2380	2023-07-03	23:39:35	8.5632 S	110.1843 E	26 km	2.5	Java, Indonesia
2381	2023-07-04	03:20:00	8.3674 S	110.2040 E	53 km	2.7	Java, Indonesia
2382	2023-07-04	03:25:09	9.0246 S	113.3884 E	13 km	2.8	South of Java, Indonesia
2383	2023-07-04	05:11:58	8.4818 S	110.7957 E	52 km	2.3	Java, Indonesia
2384	2023-07-04	10:50:26	8.6335 S	110.0986 E	27 km	2.6	Java, Indonesia
2385	2023-07-04	12:23:48	9.4129 S	110.8668 E	10 km	3.0	South of Java, Indonesia
2386	2023-07-04	15:58:13	8.4989 S	110.0677 E	51 km	2.8	Java, Indonesia
2387	2023-07-04	16:07:58	8.7385 S	111.3773 E	87 km	2.9	Java, Indonesia
2388	2023-07-04	17:34:03	8.9002 S	109.8069 E	10 km	3.2	Java, Indonesia
2389	2023-07-04	18:52:55	8.5142 S	111.4852 E	98 km	3.5	Java, Indonesia
2390	2023-07-04	19:18:17	8.9643 S	113.8786 E	54 km	2.6	Java, Indonesia
2391	2023-07-04	20:20:21	8.6169 S	110.0539 E	25 km	2.9	Java, Indonesia
2392	2023-07-04	23:46:35	8.8540 S	111.3528 E	10 km	2.6	Java, Indonesia
2393	2023-07-05	00:26:11	9.5880 S	109.7616 E	10 km	3.2	South of Java, Indonesia
2394	2023-07-05	00:37:16	8.4960 S	110.2012 E	10 km	2.9	Java, Indonesia

2395	2023-07-05	00:44:02	8.8104 S	112.2920 E	10 km	2.8	Java, Indonesia
2396	2023-07-05	02:26:06	8.8296 S	111.4495 E	11 km	2.7	Java, Indonesia
2397	2023-07-05	05:02:27	8.6553 S	110.6027 E	36 km	2.8	Java, Indonesia
2398	2023-07-05	05:59:16	8.2208 S	108.2759 E	0 km	3.3	Java, Indonesia
2399	2023-07-05	06:53:21	9.0787 S	110.3723 E	10 km	2.9	South of Java, Indonesia
2400	2023-07-05	07:11:08	9.3486 S	110.9110 E	10 km	3.5	South of Java, Indonesia
2401	2023-07-05	09:58:18	8.8909 S	112.5040 E	3 km	3.2	Java, Indonesia
2402	2023-07-05	10:57:44	8.6111 S	110.0972 E	6 km	2.7	Java, Indonesia
2403	2023-07-05	11:20:02	9.3322 S	110.9212 E	10 km	3.5	South of Java, Indonesia
2404	2023-07-05	11:25:55	8.5662 S	110.0713 E	30 km	3.1	Java, Indonesia
2405	2023-07-05	13:10:00	7.3163 S	110.0970 E	84 km	2.4	Java, Indonesia
2406	2023-07-05	13:23:30	8.3199 S	110.1050 E	26 km	2.6	Java, Indonesia
2407	2023-07-05	15:37:54	9.1360 S	112.9803 E	70 km	3.2	South of Java, Indonesia
2408	2023-07-05	17:03:04	7.9627 S	110.4928 E	8 km	1.8	Java, Indonesia
2409	2023-07-05	18:04:20	8.4724 S	112.7668 E	70 km	3.7	Java, Indonesia
2410	2023-07-05	18:25:38	8.9973 S	111.7110 E	127 km	3.1	Java, Indonesia
2411	2023-07-05	19:50:56	8.0297 S	110.5177 E	2 km	1.5	Java, Indonesia
2412	2023-07-05	21:33:44	7.7977 S	111.1647 E	123 km	2.6	Java, Indonesia
2413	2023-07-05	23:05:29	8.6254 S	110.0739 E	30 km	3.3	Java, Indonesia
2414	2023-07-06	01:44:20	9.4534 S	112.9594 E	104 km	3.3	South of Java, Indonesia
2415	2023-07-06	02:10:20	7.3189 S	109.7935 E	23 km	1.7	Java, Indonesia
2416	2023-07-06	03:38:51	9.0134 S	112.4449 E	31 km	3.8	South of Java, Indonesia
2417	2023-07-06	04:30:37	8.6882 S	110.5489 E	10 km	3.0	Java, Indonesia
2418	2023-07-06	05:48:31	8.5872 S	108.7223 E	20 km	3.0	Java, Indonesia
2419	2023-07-06	07:51:42	8.6357 S	109.9999 E	21 km	3.0	Java, Indonesia
2420	2023-07-06	12:03:11	9.3691 S	110.3751 E	10 km	3.3	South of Java, Indonesia
2421	2023-07-06	12:20:24	8.8659 S	110.9232 E	10 km	3.0	Java, Indonesia
2422	2023-07-06	13:41:00	9.2666 S	110.6344 E	7 km	3.3	South of Java, Indonesia
2423	2023-07-06	14:13:24	9.3943 S	110.9701 E	10 km	3.3	South of Java, Indonesia
2424	2023-07-06	15:46:35	7.9730 S	110.4436 E	17 km	1.9	Java, Indonesia

2425	2023-07-06	17:01:26	8.6083 S	110.0273 E	20 km	3.5	Java, Indonesia
2426	2023-07-06	21:06:10	7.9714 S	110.4175 E	14 km	1.8	Java, Indonesia
2427	2023-07-06	22:46:18	8.6338 S	110.0391 E	28 km	4.1	Java, Indonesia
2428	2023-07-06	23:44:09	8.0125 S	110.6219 E	10 km	1.9	Java, Indonesia
2429	2023-07-07	00:23:33	8.5166 S	109.7587 E	24 km	3.1	Java, Indonesia
2430	2023-07-07	06:07:41	7.9129 S	110.4629 E	7 km	1.8	Java, Indonesia
2431	2023-07-07	06:32:12	9.1631 S	110.5491 E	10 km	3.2	South of Java, Indonesia
2432	2023-07-07	09:44:35	10.7149 S	111.0939 E	10 km	4.0	South of Java, Indonesia
2433	2023-07-07	10:54:47	8.6125 S	111.2169 E	87 km	2.9	Java, Indonesia
2434	2023-07-07	12:03:52	8.6229 S	110.9741 E	6 km	2.8	Java, Indonesia
2435	2023-07-07	12:06:02	8.6225 S	110.9329 E	9 km	2.9	Java, Indonesia
2436	2023-07-07	13:30:02	8.4080 S	110.7979 E	10 km	2.5	Java, Indonesia
2437	2023-07-07	17:29:00	8.0353 S	111.5939 E	9 km	2.8	Java, Indonesia
2438	2023-07-07	17:56:54	8.9289 S	110.2238 E	62 km	3.0	Java, Indonesia
2439	2023-07-07	20:33:05	8.4293 S	108.7616 E	10 km	3.1	Java, Indonesia
2440	2023-07-07	20:41:44	10.1714 S	113.0013 E	10 km	3.8	South of Java, Indonesia
2441	2023-07-08	00:15:45	8.8557 S	111.1450 E	10 km	3.0	Java, Indonesia
2442	2023-07-08	02:00:40	8.0730 S	110.5920 E	3 km	1.7	Java, Indonesia
2443	2023-07-08	05:40:36	9.0170 S	110.3243 E	10 km	3.2	South of Java, Indonesia
2444	2023-07-08	06:14:22	8.9104 S	111.2343 E	10 km	3.1	Java, Indonesia
2445	2023-07-08	11:35:17	9.0875 S	111.7818 E	4 km	4.3	South of Java, Indonesia
2446	2023-07-08	12:17:58	9.4933 S	113.8418 E	10 km	2.9	South of Java, Indonesia
2447	2023-07-08	13:24:34	9.7174 S	112.8496 E	10 km	3.5	South of Java, Indonesia
2448	2023-07-08	16:56:55	8.8334 S	111.8664 E	12 km	2.9	Java, Indonesia
2449	2023-07-08	17:17:57	6.9377 S	109.8344 E	8 km	2.7	Java, Indonesia
2450	2023-07-08	20:59:34	9.0615 S	111.2509 E	9 km	3.1	South of Java, Indonesia
2451	2023-07-08	22:55:27	8.8041 S	111.7510 E	67 km	2.7	Java, Indonesia
2452	2023-07-09	01:14:01	7.2782 S	110.1142 E	10 km	2.9	Java, Indonesia
2453	2023-07-09	01:25:30	7.9244 S	110.4448 E	10 km	1.8	Java, Indonesia
2454	2023-07-09	02:17:20	8.3679 S	110.7334 E	10 km	2.6	Java, Indonesia

2455	2023-07-09	04:23:28	8.4981 S	110.2021 E	25 km	2.9	Java, Indonesia
2456	2023-07-09	11:06:51	7.6872 S	110.1109 E	14 km	2.3	Java, Indonesia
2457	2023-07-09	15:03:15	8.4968 S	109.0160 E	10 km	3.1	Java, Indonesia
2458	2023-07-09	15:46:05	8.6380 S	109.1248 E	10 km	2.9	Java, Indonesia
2459	2023-07-09	16:05:12	8.8518 S	111.3706 E	75 km	2.9	Java, Indonesia
2460	2023-07-09	22:43:25	8.7320 S	110.7948 E	15 km	3.0	Java, Indonesia
2461	2023-07-09	23:08:06	8.8946 S	110.7818 E	9 km	3.9	Java, Indonesia
2462	2023-07-10	02:49:02	6.6747 S	111.9510 E	47 km	3.1	Java, Indonesia
2463	2023-07-10	07:03:14	8.6117 S	111.3774 E	77 km	3.3	Java, Indonesia
2464	2023-07-10	09:23:37	7.9233 S	110.4820 E	11 km	1.2	Java, Indonesia
2465	2023-07-10	12:15:44	7.9438 S	110.4422 E	3 km	1.4	Java, Indonesia
2466	2023-07-10	12:43:19	8.5855 S	110.0207 E	11 km	2.8	Java, Indonesia
2467	2023-07-10	12:54:08	8.8264 S	112.4886 E	37 km	3.0	Java, Indonesia
2468	2023-07-10	13:25:46	9.7132 S	113.2975 E	10 km	3.6	South of Java, Indonesia
2469	2023-07-10	14:30:00	7.9168 S	110.4406 E	13 km	1.4	Java, Indonesia
2470	2023-07-10	17:55:00	7.3179 S	111.5269 E	180 km	2.9	Java, Indonesia
2471	2023-07-10	18:25:24	9.0866 S	113.2046 E	5 km	2.8	South of Java, Indonesia
2472	2023-07-10	20:44:36	8.2817 S	111.0713 E	10 km	2.6	Java, Indonesia
2473	2023-07-10	20:57:00	8.4701 S	110.9383 E	10 km	2.6	Java, Indonesia
2474	2023-07-10	22:18:10	8.3216 S	111.4690 E	10 km	2.5	Java, Indonesia
2475	2023-07-10	22:50:47	7.9331 S	110.4684 E	13 km	1.7	Java, Indonesia
2476	2023-07-10	23:40:18	8.7368 S	111.1344 E	66 km	2.7	Java, Indonesia
2477	2023-07-11	00:41:53	8.6461 S	111.5037 E	10 km	2.7	Java, Indonesia
2478	2023-07-11	05:00:00	8.6016 S	110.4560 E	10 km	2.8	Java, Indonesia
2479	2023-07-11	06:09:11	8.8489 S	111.5003 E	10 km	3.5	Java, Indonesia
2480	2023-07-11	07:04:09	8.5750 S	111.5409 E	9 km	2.9	Java, Indonesia
2481	2023-07-11	07:45:23	8.0765 S	109.0341 E	65 km	3.2	Java, Indonesia
2482	2023-07-11	10:25:47	8.7942 S	111.2859 E	10 km	2.9	Java, Indonesia
2483	2023-07-11	10:59:38	6.6055 S	114.6913 E	29 km	3.1	Bali Sea
2484	2023-07-11	11:27:29	9.1050 S	109.8181 E	20 km	3.0	South of Java, Indonesia

2485	2023-07-11	11:49:14	8.3728 S	114.4802 E	13 km	2.9	Bali Region, Indonesia
2486	2023-07-11	13:01:57	8.2641 S	109.7263 E	16 km	2.7	Java, Indonesia
2487	2023-07-11	14:57:47	9.5137 S	114.0163 E	11 km	3.2	South of Bali, Indonesia
2488	2023-07-11	15:28:48	8.9440 S	110.6460 E	13 km	2.9	Java, Indonesia
2489	2023-07-11	19:50:31	8.6223 S	110.0531 E	60 km	2.7	Java, Indonesia
2490	2023-07-11	20:50:02	7.9041 S	110.3737 E	9 km	1.4	Java, Indonesia
2491	2023-07-11	20:58:20	8.6645 S	111.6991 E	53 km	3.2	Java, Indonesia
2492	2023-07-12	00:51:06	8.6590 S	110.0583 E	20 km	3.1	Java, Indonesia
2493	2023-07-12	01:52:55	8.2134 S	110.3392 E	10 km	2.3	Java, Indonesia
2494	2023-07-12	08:28:33	9.0183 S	111.1667 E	26 km	2.9	South of Java, Indonesia
2495	2023-07-12	11:00:32	7.7967 S	110.4334 E	10 km	1.5	Java, Indonesia
2496	2023-07-12	17:12:03	8.8283 S	109.8126 E	10 km	4.3	Java, Indonesia
2497	2023-07-12	18:06:50	8.6383 S	109.9157 E	10 km	2.9	Java, Indonesia
2498	2023-07-12	19:12:09	8.7143 S	110.1162 E	10 km	2.8	Java, Indonesia
2499	2023-07-12	22:01:02	8.8043 S	110.6300 E	15 km	2.8	Java, Indonesia
2500	2023-07-12	22:19:06	9.2995 S	113.4819 E	10 km	3.1	South of Java, Indonesia
2501	2023-07-12	22:51:09	8.1559 S	110.2777 E	9 km	3.3	Java, Indonesia
2502	2023-07-13	03:30:33	7.9450 S	110.3785 E	25 km	2.2	Java, Indonesia
2503	2023-07-13	06:54:56	8.1437 S	110.4243 E	10 km	1.9	Java, Indonesia
2504	2023-07-13	17:44:51	6.7004 S	110.7457 E	10 km	2.8	Java, Indonesia
2505	2023-07-13	18:12:39	7.0015 S	116.1528 E	9 km	4.5	Bali Sea
2506	2023-07-13	18:34:15	8.4657 S	113.1014 E	99 km	2.5	Java, Indonesia
2507	2023-07-13	18:36:53	8.6825 S	108.9549 E	5 km	3.0	Java, Indonesia
2508	2023-07-13	19:56:09	8.0465 S	110.6003 E	10 km	1.8	Java, Indonesia
2509	2023-07-13	19:58:22	6.7184 S	110.7247 E	3 km	2.2	Java, Indonesia
2510	2023-07-13	22:59:20	8.5723 S	109.9543 E	23 km	2.9	Java, Indonesia
2511	2023-07-14	02:05:43	8.1200 S	110.7167 E	67 km	2.3	Java, Indonesia
2512	2023-07-14	06:10:12	8.9583 S	109.7988 E	10 km	3.1	Java, Indonesia
2513	2023-07-14	08:00:37	9.2792 S	113.5110 E	17 km	3.1	South of Java, Indonesia
2514	2023-07-14	08:24:37	8.0476 S	110.6844 E	9 km	2.2	Java, Indonesia

2515	2023-07-14	11:11:01	8.6939 S	110.9545 E	2 km	3.0	Java, Indonesia
2516	2023-07-14	13:14:08	7.9163 S	112.3787 E	136 km	3.0	Java, Indonesia
2517	2023-07-14	13:30:14	8.5706 S	110.1023 E	27 km	4.4	Java, Indonesia
2518	2023-07-14	16:06:02	9.3174 S	115.0847 E	6 km	3.2	South of Bali, Indonesia
2519	2023-07-14	17:15:00	9.1732 S	113.4515 E	27 km	3.0	South of Java, Indonesia
2520	2023-07-14	17:36:32	9.2087 S	109.6236 E	45 km	3.3	South of Java, Indonesia
2521	2023-07-14	18:51:49	8.5124 S	110.0268 E	39 km	2.9	Java, Indonesia
2522	2023-07-14	20:45:43	8.9015 S	110.9621 E	76 km	2.9	Java, Indonesia
2523	2023-07-14	21:25:37	10.8080 S	112.1523 E	10 km	4.1	South of Java, Indonesia
2524	2023-07-14	22:11:35	8.3120 S	110.3947 E	42 km	2.7	Java, Indonesia
2525	2023-07-15	02:40:17	9.1237 S	110.5059 E	0 km	3.2	South of Java, Indonesia
2526	2023-07-15	02:45:22	9.3753 S	110.7022 E	5 km	3.2	South of Java, Indonesia
2527	2023-07-15	03:05:39	9.4554 S	110.5865 E	10 km	3.2	South of Java, Indonesia
2528	2023-07-15	03:12:04	9.4600 S	110.5532 E	10 km	3.2	South of Java, Indonesia
2529	2023-07-15	03:39:11	9.3641 S	110.4572 E	10 km	3.2	South of Java, Indonesia
2530	2023-07-15	07:01:35	8.8986 S	110.8681 E	10 km	2.9	Java, Indonesia
2531	2023-07-15	07:34:03	8.9042 S	110.4795 E	11 km	2.8	Java, Indonesia
2532	2023-07-15	08:00:56	8.7190 S	110.1808 E	10 km	3.0	Java, Indonesia
2533	2023-07-15	11:26:14	9.1620 S	110.4820 E	10 km	3.0	South of Java, Indonesia
2534	2023-07-15	12:43:16	9.1932 S	110.7808 E	10 km	2.9	South of Java, Indonesia
2535	2023-07-15	16:29:18	7.3161 S	111.3356 E	173 km	2.5	Java, Indonesia
2536	2023-07-15	17:33:37	9.4658 S	113.5180 E	10 km	2.9	South of Java, Indonesia
2537	2023-07-15	18:07:27	7.1985 S	109.8039 E	20 km	2.0	Java, Indonesia
2538	2023-07-15	19:50:50	8.6686 S	110.5827 E	17 km	2.6	Java, Indonesia
2539	2023-07-15	20:27:26	8.4022 S	110.4149 E	0 km	2.5	Java, Indonesia
2540	2023-07-15	22:23:51	8.8075 S	110.9669 E	23 km	2.8	Java, Indonesia
2541	2023-07-15	22:36:45	8.8465 S	110.3119 E	10 km	2.8	Java, Indonesia
2542	2023-07-15	22:39:39	8.4816 S	111.0113 E	10 km	2.5	Java, Indonesia
2543	2023-07-16	00:54:07	8.4113 S	109.3294 E	10 km	2.9	Java, Indonesia
2544	2023-07-16	01:54:36	8.7584 S	111.3349 E	55 km	2.6	Java, Indonesia

2545	2023-07-16	05:32:54	8.1085 S	109.8275 E	10 km	2.6	Java, Indonesia
2546	2023-07-16	06:39:35	8.1001 S	110.3901 E	10 km	1.7	Java, Indonesia
2547	2023-07-16	08:42:50	7.9074 S	110.3981 E	10 km	1.5	Java, Indonesia
2548	2023-07-16	10:20:59	8.4774 S	113.4495 E	10 km	2.4	Java, Indonesia
2549	2023-07-16	11:29:22	7.8718 S	108.5841 E	123 km	2.2	Java, Indonesia
2550	2023-07-16	13:00:30	8.5365 S	111.6008 E	11 km	2.6	Java, Indonesia
2551	2023-07-16	13:39:45	8.0493 S	110.5508 E	10 km	1.4	Java, Indonesia
2552	2023-07-16	14:10:25	9.2968 S	110.5088 E	10 km	3.0	South of Java, Indonesia
2553	2023-07-16	15:39:38	9.1205 S	112.9738 E	10 km	3.2	South of Java, Indonesia
2554	2023-07-16	16:19:15	8.7703 S	110.3347 E	23 km	2.8	Java, Indonesia
2555	2023-07-16	17:52:57	8.9116 S	110.1821 E	9 km	2.8	Java, Indonesia
2556	2023-07-16	18:24:27	8.7871 S	110.6650 E	11 km	2.7	Java, Indonesia
2557	2023-07-16	18:59:49	8.9907 S	110.2773 E	10 km	2.7	Java, Indonesia
2558	2023-07-16	22:01:03	10.3441 S	113.2558 E	10 km	3.5	South of Java, Indonesia
2559	2023-07-16	22:04:24	9.1289 S	110.5426 E	10 km	2.8	South of Java, Indonesia
2560	2023-07-16	22:55:19	8.9024 S	110.7003 E	46 km	2.7	Java, Indonesia
2561	2023-07-17	00:36:14	8.4271 S	110.7034 E	14 km	2.5	Java, Indonesia
2562	2023-07-17	04:15:49	8.7977 S	111.1538 E	84 km	2.7	Java, Indonesia
2563	2023-07-17	07:29:40	9.7244 S	112.2864 E	10 km	3.3	South of Java, Indonesia
2564	2023-07-17	10:23:42	9.6891 S	112.2120 E	11 km	3.4	South of Java, Indonesia
2565	2023-07-17	12:51:54	7.1804 S	109.7971 E	26 km	1.4	Java, Indonesia
2566	2023-07-17	14:11:16	8.0772 S	111.7356 E	118 km	2.8	Java, Indonesia
2567	2023-07-17	14:34:42	8.4133 S	112.0460 E	107 km	2.9	Java, Indonesia
2568	2023-07-17	15:47:39	8.4038 S	109.9915 E	11 km	2.5	Java, Indonesia
2569	2023-07-17	16:12:36	7.6417 S	110.1287 E	9 km	2.2	Java, Indonesia
2570	2023-07-17	20:31:14	6.7177 S	110.7680 E	7 km	2.7	Java, Indonesia
2571	2023-07-17	22:02:31	8.0447 S	110.5769 E	5 km	1.4	Java, Indonesia
2572	2023-07-17	22:58:15	7.2471 S	109.8982 E	19 km	1.8	Java, Indonesia
2573	2023-07-18	00:50:00	8.4828 S	109.2639 E	15 km	3.0	Java, Indonesia
2574	2023-07-18	01:43:16	8.6370 S	111.6086 E	24 km	2.4	Java, Indonesia

2575	2023-07-18	02:30:54	9.0449 S	111.3044 E	11 km	3.3	South of Java, Indonesia
2576	2023-07-18	02:57:24	7.7055 S	109.4952 E	102 km	2.1	Java, Indonesia
2577	2023-07-18	05:45:24	8.5535 S	110.1106 E	42 km	3.6	Java, Indonesia
2578	2023-07-18	09:14:08	7.8449 S	110.5459 E	15 km	2.7	Java, Indonesia
2579	2023-07-18	10:46:46	7.7705 S	110.4685 E	5 km	1.7	Java, Indonesia
2580	2023-07-18	11:27:30	8.9637 S	110.7217 E	10 km	3.2	Java, Indonesia
2581	2023-07-18	12:33:34	8.0054 S	109.8601 E	31 km	2.5	Java, Indonesia
2582	2023-07-18	12:47:46	7.8928 S	110.5772 E	12 km	1.5	Java, Indonesia
2583	2023-07-18	15:03:32	9.5108 S	114.7916 E	17 km	3.2	South of Bali, Indonesia
2584	2023-07-18	15:29:47	9.3207 S	113.5254 E	10 km	2.9	South of Java, Indonesia
2585	2023-07-18	16:08:56	7.5252 S	108.7451 E	192 km	2.4	Java, Indonesia
2586	2023-07-18	16:22:59	8.7357 S	110.9774 E	27 km	2.8	Java, Indonesia
2587	2023-07-18	17:36:42	8.3994 S	111.5067 E	27 km	2.3	Java, Indonesia
2588	2023-07-18	17:42:09	8.1609 S	111.9339 E	122 km	2.7	Java, Indonesia
2589	2023-07-18	18:43:19	9.3377 S	113.4754 E	10 km	3.3	South of Java, Indonesia
2590	2023-07-18	19:31:22	8.8480 S	112.0932 E	32 km	2.9	Java, Indonesia
2591	2023-07-18	21:44:54	7.4015 S	111.0837 E	248 km	3.0	Java, Indonesia
2592	2023-07-18	23:45:32	8.4577 S	113.7733 E	10 km	2.8	Java, Indonesia
2593	2023-07-19	05:37:48	8.8582 S	109.8511 E	10 km	3.1	Java, Indonesia
2594	2023-07-19	06:40:31	7.8604 S	110.5553 E	20 km	2.0	Java, Indonesia
2595	2023-07-19	12:57:43	8.0013 S	110.4319 E	45 km	2.1	Java, Indonesia
2596	2023-07-19	13:46:25	7.7941 S	109.2455 E	301 km	2.6	Java, Indonesia
2597	2023-07-19	13:56:50	8.8811 S	111.1572 E	70 km	2.4	Java, Indonesia
2598	2023-07-19	14:07:59	8.6850 S	110.8364 E	41 km	2.7	Java, Indonesia
2599	2023-07-19	15:38:15	8.5313 S	112.6126 E	115 km	2.5	Java, Indonesia
2600	2023-07-19	15:55:06	8.8302 S	111.4064 E	59 km	2.7	Java, Indonesia
2601	2023-07-19	16:51:50	8.0703 S	113.6950 E	1 km	2.6	Java, Indonesia
2602	2023-07-19	21:35:42	8.3895 S	109.0394 E	26 km	3.3	Java, Indonesia
2603	2023-07-20	02:29:20	8.9495 S	111.2863 E	10 km	3.0	Java, Indonesia
2604	2023-07-20	03:46:07	8.5768 S	111.5299 E	10 km	2.7	Java, Indonesia

2605	2023-07-20	07:02:36	8.5973 S	110.0007 E	31 km	2.8	Java, Indonesia
2606	2023-07-20	08:13:14	8.3685 S	111.0388 E	1 km	3.0	Java, Indonesia
2607	2023-07-20	08:31:10	7.8588 S	108.9557 E	26 km	2.4	Java, Indonesia
2608	2023-07-20	11:11:22	7.4452 S	111.3640 E	107 km	2.9	Java, Indonesia
2609	2023-07-20	12:20:03	8.4437 S	111.5736 E	10 km	2.5	Java, Indonesia
2610	2023-07-20	12:37:51	8.4651 S	111.2942 E	60 km	2.6	Java, Indonesia
2611	2023-07-20	15:21:01	9.2267 S	113.9148 E	10 km	2.9	South of Java, Indonesia
2612	2023-07-20	17:22:20	7.9758 S	112.1635 E	10 km	2.5	Java, Indonesia
2613	2023-07-20	17:27:47	8.6248 S	110.0120 E	27 km	3.1	Java, Indonesia
2614	2023-07-20	18:14:06	7.8556 S	112.0200 E	2 km	2.0	Java, Indonesia
2615	2023-07-20	18:26:59	7.1707 S	109.8182 E	13 km	1.9	Java, Indonesia
2616	2023-07-20	20:38:39	2.2904 S	109.9161 E	260 km	5.6	Borneo
2617	2023-07-20	20:59:55	7.9199 S	110.3862 E	10 km	1.8	Java, Indonesia
2618	2023-07-20	21:33:19	7.7148 S	109.3225 E	14 km	2.1	Java, Indonesia
2619	2023-07-20	22:16:11	8.9114 S	112.1161 E	10 km	3.4	Java, Indonesia
2620	2023-07-21	01:20:03	8.6735 S	110.3034 E	10 km	3.1	Java, Indonesia
2621	2023-07-21	02:56:12	7.6962 S	109.9448 E	19 km	2.9	Java, Indonesia
2622	2023-07-21	04:41:21	8.3702 S	110.1782 E	10 km	3.1	Java, Indonesia
2623	2023-07-21	05:33:35	10.5673 S	112.2800 E	240 km	3.8	South of Java, Indonesia
2624	2023-07-21	05:53:05	9.1634 S	113.2471 E	10 km	2.8	South of Java, Indonesia
2625	2023-07-21	09:55:14	7.9567 S	111.7923 E	20 km	2.8	Java, Indonesia
2626	2023-07-21	13:24:53	8.6083 S	112.2917 E	105 km	4.0	Java, Indonesia
2627	2023-07-21	15:35:30	8.9824 S	111.2419 E	10 km	3.0	Java, Indonesia
2628	2023-07-21	17:03:36	7.2488 S	114.5735 E	14 km	3.1	Bali Sea
2629	2023-07-21	17:05:40	8.1373 S	111.6092 E	107 km	2.2	Java, Indonesia
2630	2023-07-21	18:13:18	8.9215 S	110.7248 E	11 km	3.2	Java, Indonesia
2631	2023-07-21	18:59:41	7.0540 S	109.6271 E	41 km	2.2	Java, Indonesia
2632	2023-07-21	19:27:41	10.7189 S	113.5505 E	10 km	3.8	South of Java, Indonesia
2633	2023-07-21	19:34:34	8.1127 S	110.5732 E	10 km	1.8	Java, Indonesia
2634	2023-07-22	13:25:07	8.6648 S	109.9003 E	11 km	2.8	Java, Indonesia

2635	2023-07-22	14:58:42	8.2054 S	110.3163 E	21 km	2.4	Java, Indonesia
2636	2023-07-22	16:08:31	8.7403 S	110.2381 E	26 km	3.4	Java, Indonesia
2637	2023-07-22	18:00:25	8.1475 S	113.0927 E	112 km	2.6	Java, Indonesia
2638	2023-07-22	19:43:13	8.3783 S	110.3822 E	10 km	2.6	Java, Indonesia
2639	2023-07-22	20:14:54	7.9835 S	110.3564 E	16 km	2.3	Java, Indonesia
2640	2023-07-22	21:31:30	9.3820 S	110.4352 E	4 km	3.3	South of Java, Indonesia
2641	2023-07-22	23:07:57	8.9896 S	111.3293 E	10 km	2.9	Java, Indonesia
2642	2023-07-23	03:26:43	9.0110 S	111.2336 E	11 km	3.1	South of Java, Indonesia
2643	2023-07-23	11:33:07	7.6482 S	110.1300 E	7 km	2.3	Java, Indonesia
2644	2023-07-23	11:34:48	8.5242 S	112.8120 E	86 km	2.6	Java, Indonesia
2645	2023-07-23	12:18:40	7.0717 S	109.8537 E	41 km	1.8	Java, Indonesia
2646	2023-07-23	12:33:28	8.8154 S	111.0410 E	28 km	5.7	Java, Indonesia
2647	2023-07-23	12:42:29	8.7807 S	111.0770 E	34 km	3.3	Java, Indonesia
2648	2023-07-23	15:33:22	8.6729 S	112.2871 E	99 km	3.0	Java, Indonesia
2649	2023-07-23	17:13:43	8.7001 S	111.0600 E	48 km	2.8	Java, Indonesia
2650	2023-07-23	18:03:20	8.5612 S	110.1172 E	25 km	3.0	Java, Indonesia
2651	2023-07-23	18:35:20	8.4312 S	110.2567 E	58 km	2.9	Java, Indonesia
2652	2023-07-23	18:48:43	8.6287 S	110.7150 E	5 km	2.9	Java, Indonesia
2653	2023-07-23	22:10:58	8.4466 S	108.8350 E	43 km	2.8	Java, Indonesia
2654	2023-07-24	00:45:04	8.4639 S	112.9818 E	141 km	3.1	Java, Indonesia
2655	2023-07-24	01:10:01	8.7259 S	111.0607 E	35 km	3.1	Java, Indonesia
2656	2023-07-24	02:42:11	8.5118 S	110.2287 E	32 km	2.8	Java, Indonesia
2657	2023-07-24	02:58:03	8.8377 S	111.0702 E	28 km	2.9	Java, Indonesia
2658	2023-07-24	03:48:26	7.9327 S	110.3631 E	8 km	1.4	Java, Indonesia
2659	2023-07-24	04:01:58	11.1071 S	111.5210 E	10 km	4.1	South of Java, Indonesia
2660	2023-07-24	07:57:21	8.7983 S	109.6845 E	56 km	3.2	Java, Indonesia
2661	2023-07-24	08:24:49	8.8104 S	111.7897 E	13 km	3.2	Java, Indonesia
2662	2023-07-24	10:37:11	9.3279 S	113.4649 E	26 km	3.2	South of Java, Indonesia
2663	2023-07-24	11:32:18	8.5709 S	110.9737 E	7 km	2.6	Java, Indonesia
2664	2023-07-24	13:49:10	8.8888 S	110.1776 E	10 km	3.0	Java, Indonesia

2665	2023-07-24	14:35:07	8.8401 S	110.2605 E	10 km	2.9	Java, Indonesia
2666	2023-07-24	15:38:00	8.1715 S	109.3500 E	58 km	2.5	Java, Indonesia
2667	2023-07-24	16:01:45	7.9590 S	110.5037 E	9 km	1.9	Java, Indonesia
2668	2023-07-24	18:25:37	8.5851 S	110.1278 E	29 km	2.8	Java, Indonesia
2669	2023-07-24	19:02:42	9.0486 S	113.7453 E	28 km	2.6	South of Java, Indonesia
2670	2023-07-24	19:17:09	10.2774 S	113.2843 E	10 km	3.7	South of Java, Indonesia
2671	2023-07-24	20:54:25	8.7564 S	111.1864 E	39 km	2.9	Java, Indonesia
2672	2023-07-24	23:06:15	8.3978 S	110.4353 E	103 km	2.6	Java, Indonesia
2673	2023-07-25	00:16:07	8.4100 S	110.8302 E	83 km	2.6	Java, Indonesia
2674	2023-07-25	01:55:10	7.6538 S	110.1237 E	4 km	2.2	Java, Indonesia
2675	2023-07-25	04:09:35	8.7372 S	111.0911 E	31 km	3.3	Java, Indonesia
2676	2023-07-25	04:49:30	9.0967 S	110.9610 E	11 km	2.8	South of Java, Indonesia
2677	2023-07-25	06:20:21	8.7839 S	111.0681 E	29 km	2.8	Java, Indonesia
2678	2023-07-25	06:57:56	9.5369 S	110.1423 E	10 km	4.0	South of Java, Indonesia
2679	2023-07-25	11:48:13	8.8771 S	111.3583 E	10 km	2.9	Java, Indonesia
2680	2023-07-25	13:56:25	6.4578 S	109.8738 E	576 km	4.3	Java, Indonesia
2681	2023-07-25	19:32:49	8.7040 S	110.9083 E	0 km	2.8	Java, Indonesia
2682	2023-07-25	20:15:50	9.8058 S	113.6208 E	10 km	3.3	South of Java, Indonesia
2683	2023-07-25	20:56:37	8.3534 S	113.5711 E	133 km	2.3	Java, Indonesia
2684	2023-07-25	21:51:02	8.5028 S	110.5790 E	106 km	2.7	Java, Indonesia
2685	2023-07-26	02:44:09	9.3012 S	110.5855 E	125 km	3.2	South of Java, Indonesia
2686	2023-07-26	03:04:59	8.8851 S	110.7027 E	11 km	2.8	Java, Indonesia
2687	2023-07-26	05:24:02	7.9797 S	110.6151 E	78 km	2.2	Java, Indonesia
2688	2023-07-26	07:50:30	8.8249 S	111.1364 E	22 km	2.9	Java, Indonesia
2689	2023-07-26	11:24:05	8.6878 S	110.9412 E	45 km	3.4	Java, Indonesia
2690	2023-07-26	12:31:32	8.0605 S	108.1491 E	26 km	3.7	Java, Indonesia
2691	2023-07-26	12:41:10	8.7344 S	111.0780 E	26 km	2.8	Java, Indonesia
2692	2023-07-26	16:58:28	9.0775 S	113.1223 E	26 km	2.9	South of Java, Indonesia
2693	2023-07-26	20:29:44	8.9169 S	112.4319 E	32 km	3.4	Java, Indonesia
2694	2023-07-26	20:59:25	8.5966 S	110.5120 E	26 km	2.7	Java, Indonesia

2695	2023-07-27	00:17:45	8.5964 S	113.1998 E	108 km	2.9	Java, Indonesia
2696	2023-07-27	06:07:19	8.6543 S	111.1761 E	30 km	2.6	Java, Indonesia
2697	2023-07-27	06:15:41	9.1242 S	111.2346 E	30 km	3.3	South of Java, Indonesia
2698	2023-07-27	07:28:23	8.3024 S	110.8242 E	153 km	2.4	Java, Indonesia
2699	2023-07-27	07:34:22	8.0276 S	110.5337 E	93 km	1.9	Java, Indonesia
2700	2023-07-27	08:56:13	8.4483 S	110.0124 E	48 km	2.8	Java, Indonesia
2701	2023-07-27	09:05:54	8.7636 S	111.4162 E	47 km	2.7	Java, Indonesia
2702	2023-07-27	09:20:59	7.9249 S	110.2521 E	65 km	1.9	Java, Indonesia
2703	2023-07-27	09:24:50	9.4175 S	109.9282 E	11 km	3.1	South of Java, Indonesia
2704	2023-07-27	11:57:44	10.3537 S	117.2923 E	64 km	4.0	South of Sumbawa, Indonesia
2705	2023-07-27	12:20:02	8.0135 S	110.5902 E	76 km	1.5	Java, Indonesia
2706	2023-07-27	16:30:25	7.1226 S	109.7598 E	26 km	2.1	Java, Indonesia
2707	2023-07-27	18:09:17	8.0517 S	111.2140 E	64 km	2.3	Java, Indonesia
2708	2023-07-27	20:07:07	7.6319 S	110.1489 E	10 km	2.2	Java, Indonesia
2709	2023-07-27	22:10:00	9.3215 S	114.0030 E	10 km	3.1	South of Bali, Indonesia
2710	2023-07-27	22:46:36	8.2835 S	109.0032 E	10 km	2.6	Java, Indonesia
2711	2023-07-27	22:59:31	8.7288 S	111.0629 E	31 km	2.8	Java, Indonesia
2712	2023-07-28	02:30:07	8.8088 S	109.8024 E	29 km	3.1	Java, Indonesia
2713	2023-07-28	07:56:25	8.7420 S	108.8112 E	10 km	2.9	Java, Indonesia
2714	2023-07-28	08:52:06	8.7621 S	111.0371 E	30 km	2.8	Java, Indonesia
2715	2023-07-28	09:20:33	8.7255 S	110.9704 E	20 km	2.7	Java, Indonesia
2716	2023-07-28	10:46:04	8.3122 S	110.1992 E	70 km	2.6	Java, Indonesia
2717	2023-07-28	11:45:29	8.5657 S	113.1012 E	91 km	2.7	Java, Indonesia
2718	2023-07-28	12:01:26	8.3189 S	109.0395 E	32 km	2.9	Java, Indonesia
2719	2023-07-28	16:55:49	7.2700 S	109.7734 E	19 km	1.7	Java, Indonesia
2720	2023-07-28	17:03:46	9.2302 S	110.2634 E	10 km	3.0	South of Java, Indonesia
2721	2023-07-28	20:06:03	9.3775 S	113.9951 E	10 km	2.7	South of Java, Indonesia
2722	2023-07-28	20:59:18	8.3867 S	112.6853 E	100 km	2.7	Java, Indonesia
2723	2023-07-28	21:42:35	9.1945 S	111.5882 E	10 km	3.0	South of Java, Indonesia
2724	2023-07-28	22:15:55	8.8003 S	111.0537 E	61 km	2.7	Java, Indonesia

2725	2023-07-28	23:36:52	8.7252 S	110.3109 E	40 km	3.2	Java, Indonesia
2726	2023-07-29	03:37:59	8.9063 S	110.3466 E	10 km	2.9	Java, Indonesia
2727	2023-07-29	04:18:36	8.6264 S	112.1560 E	63 km	3.0	Java, Indonesia
2728	2023-07-29	05:23:38	7.3605 S	111.3533 E	10 km	2.9	Java, Indonesia
2729	2023-07-29	14:24:56	8.4895 S	110.0897 E	54 km	2.8	Java, Indonesia
2730	2023-07-29	15:29:11	7.9465 S	110.4834 E	7 km	1.9	Java, Indonesia
2731	2023-07-29	17:03:37	9.2858 S	113.5051 E	7 km	3.3	South of Java, Indonesia
2732	2023-07-29	17:33:07	9.4839 S	112.8371 E	10 km	3.0	South of Java, Indonesia
2733	2023-07-29	18:51:35	7.7782 S	111.8598 E	15 km	1.8	Java, Indonesia
2734	2023-07-29	21:42:44	8.8765 S	111.6817 E	8 km	2.9	Java, Indonesia
2735	2023-07-29	23:25:29	10.5111 S	113.3952 E	10 km	3.8	South of Java, Indonesia
2736	2023-07-30	00:42:06	8.0942 S	109.1414 E	106 km	2.5	Java, Indonesia
2737	2023-07-30	04:35:42	7.6518 S	110.1459 E	15 km	2.2	Java, Indonesia
2738	2023-07-30	05:39:58	7.6150 S	116.0520 E	537 km	4.7	Bali Sea
2739	2023-07-30	07:44:41	8.6887 S	112.4440 E	117 km	3.2	Java, Indonesia
2740	2023-07-30	10:27:46	6.9272 S	114.8270 E	10 km	3.0	Bali Sea
2741	2023-07-30	12:40:09	8.9884 S	110.6252 E	10 km	2.8	Java, Indonesia
2742	2023-07-30	13:07:39	10.5651 S	112.2949 E	10 km	3.9	South of Java, Indonesia
2743	2023-07-30	13:34:38	8.0989 S	110.5647 E	10 km	1.6	Java, Indonesia
2744	2023-07-30	14:02:19	8.9184 S	112.9502 E	38 km	2.8	Java, Indonesia
2745	2023-07-30	15:30:55	9.1414 S	111.6126 E	10 km	3.0	South of Java, Indonesia
2746	2023-07-30	16:26:21	8.2868 S	110.0145 E	6 km	2.8	Java, Indonesia
2747	2023-07-30	17:13:56	8.7939 S	112.3868 E	63 km	3.6	Java, Indonesia
2748	2023-07-30	19:47:18	7.9652 S	110.4159 E	15 km	1.4	Java, Indonesia
2749	2023-07-30	20:15:50	7.7619 S	110.4768 E	4 km	1.5	Java, Indonesia
2750	2023-07-30	22:00:20	8.5825 S	111.3516 E	17 km	2.5	Java, Indonesia
2751	2023-07-30	22:49:16	8.3346 S	112.8737 E	9 km	2.5	Java, Indonesia
2752	2023-07-31	00:34:22	9.0603 S	110.3880 E	10 km	3.2	South of Java, Indonesia
2753	2023-07-31	01:06:21	9.1157 S	112.4273 E	120 km	3.7	South of Java, Indonesia
2754	2023-07-31	02:40:35	8.5321 S	110.7303 E	10 km	2.5	Java, Indonesia

2755	2023-07-31	04:47:17	8.4301 S	111.6385 E	105 km	2.7	Java, Indonesia
2756	2023-07-31	06:15:59	8.0018 S	110.5670 E	10 km	1.4	Java, Indonesia
2757	2023-07-31	10:15:25	7.9915 S	112.9512 E	14 km	2.9	Java, Indonesia
2758	2023-07-31	11:33:26	8.7732 S	110.7399 E	10 km	2.7	Java, Indonesia
2759	2023-07-31	13:45:05	8.6381 S	110.6478 E	10 km	2.6	Java, Indonesia
2760	2023-07-31	16:18:39	8.0160 S	110.6140 E	10 km	1.4	Java, Indonesia
2761	2023-07-31	16:20:25	9.3823 S	113.9208 E	10 km	3.0	South of Java, Indonesia
2762	2023-07-31	18:51:36	8.4250 S	110.8045 E	10 km	2.6	Java, Indonesia
2763	2023-07-31	19:34:07	7.6188 S	109.9432 E	16 km	2.4	Java, Indonesia
2764	2023-07-31	20:21:16	8.6688 S	110.0705 E	22 km	3.5	Java, Indonesia
2765	2023-07-31	20:27:17	8.6806 S	110.0495 E	30 km	3.0	Java, Indonesia
2766	2023-07-31	20:51:03	8.4858 S	108.7183 E	49 km	3.1	Java, Indonesia
2767	2023-07-31	21:31:09	9.3391 S	113.2449 E	13 km	2.9	South of Java, Indonesia
2768	2023-07-31	21:34:49	7.7574 S	111.0399 E	3 km	2.3	Java, Indonesia
2769	2023-08-01	00:23:14	9.0438 S	113.5407 E	28 km	2.5	South of Java, Indonesia
2770	2023-08-01	03:33:51	8.8574 S	110.4079 E	62 km	2.8	Java, Indonesia
2771	2023-08-01	05:11:48	8.3981 S	109.1765 E	10 km	2.6	Java, Indonesia
2772	2023-08-01	06:14:50	8.3767 S	109.7146 E	30 km	2.4	Java, Indonesia
2773	2023-08-01	08:20:10	8.4915 S	110.7055 E	10 km	2.6	Java, Indonesia
2774	2023-08-01	12:28:23	8.5737 S	111.0927 E	35 km	3.2	Java, Indonesia
2775	2023-08-01	13:07:38	8.0911 S	108.8196 E	33 km	2.8	Java, Indonesia
2776	2023-08-01	16:49:05	7.9601 S	110.6195 E	5 km	1.3	Java, Indonesia
2777	2023-08-01	17:33:28	8.1251 S	111.1354 E	80 km	2.2	Java, Indonesia
2778	2023-08-01	20:10:39	8.6950 S	111.4008 E	28 km	2.6	Java, Indonesia
2779	2023-08-02	03:30:10	10.3658 S	112.9598 E	10 km	3.7	South of Java, Indonesia
2780	2023-08-02	07:00:29	8.9130 S	109.9523 E	10 km	3.0	Java, Indonesia
2781	2023-08-02	07:51:25	8.1346 S	110.3979 E	10 km	1.8	Java, Indonesia
2782	2023-08-02	09:17:20	7.9876 S	110.4282 E	13 km	1.5	Java, Indonesia
2783	2023-08-02	12:11:16	9.2647 S	114.1131 E	94 km	2.8	South of Bali, Indonesia
2784	2023-08-02	12:26:37	9.3652 S	113.9638 E	17 km	3.0	South of Java, Indonesia

2785	2023-08-02	13:07:50	9.6525 S	112.8561 E	7 km	2.9	South of Java, Indonesia
2786	2023-08-02	14:45:00	8.6016 S	112.7224 E	122 km	3.2	Java, Indonesia
2787	2023-08-02	14:58:59	8.7394 S	110.7225 E	10 km	2.6	Java, Indonesia
2788	2023-08-02	15:20:19	9.3500 S	113.9031 E	10 km	3.0	South of Java, Indonesia
2789	2023-08-02	15:21:30	9.4058 S	113.9167 E	10 km	3.1	South of Java, Indonesia
2790	2023-08-02	15:56:58	9.4243 S	113.8913 E	10 km	2.8	South of Java, Indonesia
2791	2023-08-02	16:34:06	8.7626 S	112.0664 E	47 km	2.5	Java, Indonesia
2792	2023-08-02	16:46:03	7.8968 S	110.5112 E	43 km	1.3	Java, Indonesia
2793	2023-08-02	18:19:19	7.9994 S	113.3774 E	7 km	2.2	Java, Indonesia
2794	2023-08-02	20:30:02	11.0044 S	112.7979 E	10 km	4.0	South of Java, Indonesia
2795	2023-08-02	21:59:35	8.6058 S	111.3237 E	8 km	2.5	Java, Indonesia
2796	2023-08-03	00:42:34	8.3187 S	111.7793 E	118 km	3.0	Java, Indonesia
2797	2023-08-03	03:17:17	8.3883 S	108.8115 E	73 km	2.6	Java, Indonesia
2798	2023-08-03	05:43:49	9.0425 S	110.7789 E	8 km	2.6	South of Java, Indonesia
2799	2023-08-03	06:48:14	9.1875 S	113.1041 E	18 km	2.7	South of Java, Indonesia
2800	2023-08-03	07:10:03	8.9701 S	110.8018 E	12 km	2.6	Java, Indonesia
2801	2023-08-03	09:28:31	8.9591 S	111.9807 E	10 km	3.3	Java, Indonesia
2802	2023-08-03	10:44:27	8.6416 S	111.1156 E	52 km	3.1	Java, Indonesia
2803	2023-08-03	11:57:51	8.8560 S	109.3827 E	55 km	2.8	Java, Indonesia
2804	2023-08-03	14:29:04	8.6312 S	111.5662 E	10 km	2.4	Java, Indonesia
2805	2023-08-03	14:35:57	8.7391 S	111.1654 E	28 km	2.5	Java, Indonesia
2806	2023-08-03	14:42:44	8.2305 S	110.4466 E	76 km	2.0	Java, Indonesia
2807	2023-08-03	15:15:47	8.0501 S	108.8311 E	7 km	2.3	Java, Indonesia
2808	2023-08-03	20:34:57	8.1215 S	108.0677 E	28 km	3.3	Java, Indonesia
2809	2023-08-03	21:44:34	8.3952 S	110.7420 E	82 km	2.2	Java, Indonesia
2810	2023-08-03	22:21:29	9.1089 S	111.3260 E	68 km	2.7	South of Java, Indonesia
2811	2023-08-04	00:31:43	6.4614 S	113.0506 E	618 km	5.4	Java, Indonesia
2812	2023-08-04	04:33:23	8.7888 S	110.8905 E	10 km	2.8	Java, Indonesia
2813	2023-08-04	12:34:52	7.9765 S	110.5682 E	10 km	1.9	Java, Indonesia
2814	2023-08-04	13:26:42	9.3479 S	113.4201 E	10 km	3.7	South of Java, Indonesia

2815	2023-08-04	13:30:45	8.9115 S	109.8160 E	10 km	3.1	Java, Indonesia
2816	2023-08-04	15:01:01	8.0272 S	110.5718 E	10 km	1.8	Java, Indonesia
2817	2023-08-04	16:02:59	7.9872 S	110.5329 E	9 km	1.9	Java, Indonesia
2818	2023-08-04	16:07:19	9.1235 S	114.3743 E	35 km	2.7	South of Bali, Indonesia
2819	2023-08-04	16:16:13	8.0337 S	110.5576 E	10 km	1.8	Java, Indonesia
2820	2023-08-04	16:30:11	7.9494 S	110.6927 E	10 km	1.8	Java, Indonesia
2821	2023-08-04	18:31:54	8.2012 S	116.3667 E	32 km	4.6	Sumbawa Region, Indonesia
2822	2023-08-04	19:49:56	7.9012 S	112.8810 E	150 km	3.0	Java, Indonesia
2823	2023-08-04	22:48:56	8.6326 S	111.0657 E	33 km	2.8	Java, Indonesia
2824	2023-08-05	07:37:02	11.4123 S	112.0632 E	750 km	4.9	South of Java, Indonesia
2825	2023-08-05	09:25:23	8.3148 S	110.4122 E	10 km	2.8	Java, Indonesia
2826	2023-08-05	11:09:20	9.0059 S	113.1485 E	64 km	2.9	South of Java, Indonesia
2827	2023-08-05	12:29:51	8.4692 S	111.5562 E	72 km	2.9	Java, Indonesia
2828	2023-08-05	17:21:48	9.3964 S	113.8116 E	10 km	2.9	South of Java, Indonesia
2829	2023-08-05	17:33:02	7.9159 S	110.3615 E	10 km	1.7	Java, Indonesia
2830	2023-08-05	22:14:39	8.8983 S	110.5665 E	10 km	3.0	Java, Indonesia
2831	2023-08-05	22:30:13	8.7919 S	111.0834 E	33 km	2.8	Java, Indonesia
2832	2023-08-06	01:03:40	8.0001 S	110.5235 E	10 km	1.6	Java, Indonesia
2833	2023-08-06	07:00:53	8.7262 S	112.6050 E	10 km	3.0	Java, Indonesia
2834	2023-08-06	08:15:12	8.8873 S	110.4651 E	10 km	3.0	Java, Indonesia
2835	2023-08-06	08:44:28	10.0578 S	113.9630 E	10 km	3.6	South of Java, Indonesia
2836	2023-08-06	09:26:05	8.7862 S	109.9624 E	35 km	3.1	Java, Indonesia
2837	2023-08-06	10:57:00	8.4474 S	108.9145 E	50 km	2.8	Java, Indonesia
2838	2023-08-06	12:49:37	9.5273 S	113.9713 E	10 km	4.6	South of Java, Indonesia
2839	2023-08-06	13:09:50	10.4397 S	112.2580 E	40 km	3.7	South of Java, Indonesia
2840	2023-08-06	16:25:26	8.5878 S	110.8769 E	14 km	2.5	Java, Indonesia
2841	2023-08-06	17:28:05	7.8660 S	114.0129 E	15 km	2.4	Bali Sea
2842	2023-08-06	17:31:40	8.1269 S	110.8365 E	10 km	2.1	Java, Indonesia
2843	2023-08-06	17:58:07	9.2250 S	112.9343 E	50 km	2.8	South of Java, Indonesia
2844	2023-08-06	18:14:27	8.2190 S	116.6728 E	74 km	4.6	Sumbawa Region, Indonesia

2845	2023-08-06	18:20:39	10.0837 S	114.4842 E	22 km	3.4	South of Bali, Indonesia
2846	2023-08-06	19:07:31	8.4914 S	111.8187 E	112 km	2.8	Java, Indonesia
2847	2023-08-06	19:40:19	9.6968 S	113.9686 E	15 km	5.2	South of Java, Indonesia
2848	2023-08-06	19:46:18	9.6831 S	113.9515 E	10 km	4.8	South of Java, Indonesia
2849	2023-08-06	20:02:23	9.6428 S	113.9800 E	10 km	4.5	South of Java, Indonesia
2850	2023-08-06	20:04:32	9.6802 S	113.9965 E	10 km	4.1	South of Java, Indonesia
2851	2023-08-06	20:28:14	9.7487 S	113.9745 E	10 km	4.1	South of Java, Indonesia
2852	2023-08-06	20:29:37	9.5960 S	114.0896 E	10 km	3.6	South of Bali, Indonesia
2853	2023-08-06	20:41:01	9.6218 S	113.9666 E	10 km	3.9	South of Java, Indonesia
2854	2023-08-06	21:11:18	9.6463 S	114.0008 E	10 km	3.8	South of Bali, Indonesia
2855	2023-08-06	21:24:49	9.5526 S	114.3051 E	120 km	3.5	South of Bali, Indonesia
2856	2023-08-06	22:05:30	9.6696 S	113.8684 E	10 km	3.4	South of Java, Indonesia
2857	2023-08-06	22:11:34	9.7067 S	113.9541 E	10 km	3.7	South of Java, Indonesia
2858	2023-08-06	22:14:58	9.6306 S	113.9232 E	10 km	4.1	South of Java, Indonesia
2859	2023-08-06	22:19:16	9.6717 S	113.9057 E	10 km	3.7	South of Java, Indonesia
2860	2023-08-06	22:22:27	9.6094 S	114.4109 E	95 km	3.5	South of Bali, Indonesia
2861	2023-08-06	22:28:09	9.7311 S	113.9927 E	10 km	4.3	South of Java, Indonesia
2862	2023-08-06	22:38:47	9.6930 S	114.0471 E	30 km	3.7	South of Bali, Indonesia
2863	2023-08-06	22:41:26	9.5984 S	113.9620 E	10 km	3.5	South of Java, Indonesia
2864	2023-08-06	22:48:47	9.6260 S	114.0243 E	10 km	3.1	South of Bali, Indonesia
2865	2023-08-06	23:21:06	9.7061 S	113.9855 E	10 km	4.1	South of Java, Indonesia
2866	2023-08-06	23:26:40	9.5916 S	113.9732 E	10 km	3.4	South of Java, Indonesia
2867	2023-08-07	00:06:33	9.6655 S	113.8410 E	17 km	3.5	South of Java, Indonesia
2868	2023-08-07	00:20:54	8.6375 S	110.1728 E	15 km	2.7	Java, Indonesia
2869	2023-08-07	00:24:47	9.5561 S	113.9669 E	10 km	3.7	South of Java, Indonesia
2870	2023-08-07	00:52:04	9.6049 S	113.9529 E	12 km	3.1	South of Java, Indonesia
2871	2023-08-07	01:26:48	9.6279 S	114.0573 E	10 km	3.3	South of Bali, Indonesia
2872	2023-08-07	02:05:32	8.9994 S	110.1489 E	10 km	2.9	Java, Indonesia
2873	2023-08-07	02:33:39	9.5786 S	113.9267 E	15 km	3.1	South of Java, Indonesia
2874	2023-08-07	02:39:47	9.6630 S	113.8939 E	10 km	3.1	South of Java, Indonesia

2875	2023-08-07	03:21:34	7.8960 S	113.1494 E	2 km	2.4	Java, Indonesia
2876	2023-08-07	03:25:25	7.6088 S	110.1456 E	4 km	2.1	Java, Indonesia
2877	2023-08-07	03:48:13	8.5211 S	114.6502 E	12 km	3.2	Bali Region, Indonesia
2878	2023-08-07	04:52:56	9.4548 S	113.9291 E	9 km	3.1	South of Java, Indonesia
2879	2023-08-07	07:19:12	9.4228 S	113.9051 E	17 km	3.0	South of Java, Indonesia
2880	2023-08-07	08:26:34	8.1500 S	110.0824 E	7 km	2.4	Java, Indonesia
2881	2023-08-07	09:02:02	9.6145 S	113.9691 E	10 km	3.2	South of Java, Indonesia
2882	2023-08-07	11:14:13	8.6260 S	110.9697 E	7 km	2.7	Java, Indonesia
2883	2023-08-07	11:21:52	8.6130 S	110.9540 E	10 km	2.5	Java, Indonesia
2884	2023-08-07	12:53:55	9.6007 S	114.0040 E	15 km	3.0	South of Bali, Indonesia
2885	2023-08-07	12:57:23	7.9833 S	110.5333 E	9 km	1.3	Java, Indonesia
2886	2023-08-07	13:03:47	7.9286 S	110.9006 E	10 km	2.1	Java, Indonesia
2887	2023-08-07	13:29:28	10.6296 S	111.4097 E	10 km	3.7	South of Java, Indonesia
2888	2023-08-07	14:25:39	9.2377 S	112.4757 E	10 km	2.8	South of Java, Indonesia
2889	2023-08-07	14:47:19	9.6473 S	114.0385 E	10 km	3.4	South of Bali, Indonesia
2890	2023-08-07	16:52:53	10.0484 S	110.0690 E	10 km	3.4	South of Java, Indonesia
2891	2023-08-07	17:27:01	8.4272 S	113.8670 E	8 km	2.1	Java, Indonesia
2892	2023-08-07	20:48:38	8.8705 S	110.5458 E	74 km	2.8	Java, Indonesia
2893	2023-08-07	20:50:26	8.9100 S	113.7311 E	26 km	2.1	Java, Indonesia
2894	2023-08-07	21:00:38	9.5042 S	113.8809 E	10 km	2.6	South of Java, Indonesia
2895	2023-08-07	22:04:44	9.6349 S	113.9716 E	10 km	3.2	South of Java, Indonesia
2896	2023-08-07	22:28:49	8.9964 S	111.0816 E	13 km	2.7	Java, Indonesia
2897	2023-08-08	00:33:52	8.6957 S	114.2268 E	10 km	3.2	Bali Region, Indonesia
2898	2023-08-08	01:23:00	9.6264 S	112.9333 E	10 km	4.7	South of Java, Indonesia
2899	2023-08-08	01:41:17	9.3468 S	112.9368 E	10 km	3.3	South of Java, Indonesia
2900	2023-08-08	04:10:05	9.5247 S	112.8950 E	68 km	3.1	South of Java, Indonesia
2901	2023-08-08	05:16:53	7.8704 S	110.3736 E	67 km	1.5	Java, Indonesia
2902	2023-08-08	05:36:14	8.8141 S	110.9596 E	19 km	2.8	Java, Indonesia
2903	2023-08-08	08:02:24	8.6064 S	110.9747 E	6 km	3.0	Java, Indonesia
2904	2023-08-08	10:02:17	7.7098 S	110.7217 E	107 km	2.0	Java, Indonesia

2905	2023-08-08	10:56:54	9.5662 S	114.0449 E	10 km	3.2	South of Bali, Indonesia
2906	2023-08-08	11:43:28	9.6429 S	113.9568 E	10 km	3.5	South of Java, Indonesia
2907	2023-08-08	12:40:53	9.4837 S	114.0837 E	10 km	3.4	South of Bali, Indonesia
2908	2023-08-08	13:49:21	8.5941 S	111.5442 E	10 km	2.6	Java, Indonesia
2909	2023-08-08	15:55:53	7.8989 S	110.6279 E	140 km	2.0	Java, Indonesia
2910	2023-08-08	16:23:55	8.5948 S	113.3719 E	10 km	2.1	Java, Indonesia
2911	2023-08-08	21:41:48	10.6842 S	110.5627 E	10 km	3.7	South of Java, Indonesia
2912	2023-08-08	22:44:29	8.8851 S	110.6996 E	112 km	2.7	Java, Indonesia
2913	2023-08-08	23:33:04	8.0637 S	111.6671 E	153 km	2.4	Java, Indonesia
2914	2023-08-08	23:57:56	9.8089 S	111.2183 E	10 km	3.4	South of Java, Indonesia
2915	2023-08-09	05:53:16	8.2758 S	110.1761 E	38 km	2.6	Java, Indonesia
2916	2023-08-09	07:41:51	9.1719 S	110.9868 E	10 km	3.0	South of Java, Indonesia
2917	2023-08-09	08:34:26	9.0253 S	112.9900 E	150 km	3.1	South of Java, Indonesia
2918	2023-08-09	08:46:20	12.6760 S	113.7800 E	10 km	4.5	Northwest of Australia
2919	2023-08-09	09:57:32	8.6499 S	110.3584 E	10 km	2.8	Java, Indonesia
2920	2023-08-09	09:59:31	8.6401 S	109.9762 E	52 km	2.9	Java, Indonesia
2921	2023-08-09	10:22:26	8.8791 S	110.4264 E	10 km	2.8	Java, Indonesia
2922	2023-08-09	12:02:08	8.9414 S	110.7087 E	10 km	2.9	Java, Indonesia
2923	2023-08-09	13:03:32	8.3515 S	109.3901 E	10 km	2.7	Java, Indonesia
2924	2023-08-09	14:05:07	8.0286 S	110.5703 E	10 km	1.4	Java, Indonesia
2925	2023-08-09	18:11:38	9.2958 S	113.3994 E	7 km	3.3	South of Java, Indonesia
2926	2023-08-09	18:55:01	8.9258 S	110.0740 E	18 km	3.0	Java, Indonesia
2927	2023-08-09	20:26:32	9.9602 S	109.8883 E	10 km	3.4	South of Java, Indonesia
2928	2023-08-09	21:03:15	7.6413 S	114.5511 E	10 km	3.2	Bali Sea
2929	2023-08-09	21:33:16	8.8382 S	110.9635 E	10 km	2.7	Java, Indonesia
2930	2023-08-09	23:10:23	8.6194 S	108.2612 E	10 km	4.1	Java, Indonesia
2931	2023-08-10	00:28:51	9.3093 S	113.5518 E	6 km	3.1	South of Java, Indonesia
2932	2023-08-10	00:54:33	8.7881 S	110.7673 E	14 km	2.7	Java, Indonesia
2933	2023-08-10	03:38:20	8.9252 S	110.7299 E	29 km	3.4	Java, Indonesia
2934	2023-08-10	04:07:42	9.0265 S	110.9963 E	11 km	2.7	South of Java, Indonesia

2935	2023-08-10	09:13:11	9.2245 S	113.5172 E	10 km	3.0	South of Java, Indonesia
2936	2023-08-10	14:51:53	8.0437 S	111.2152 E	16 km	2.3	Java, Indonesia
2937	2023-08-10	19:55:20	10.0068 S	109.9183 E	10 km	3.3	South of Java, Indonesia
2938	2023-08-10	20:06:09	9.0991 S	113.2448 E	90 km	2.4	South of Java, Indonesia
2939	2023-08-10	20:25:17	8.5039 S	112.2527 E	29 km	2.2	Java, Indonesia
2940	2023-08-10	20:56:26	8.8882 S	112.5144 E	34 km	2.4	Java, Indonesia
2941	2023-08-10	21:05:42	8.9890 S	111.2284 E	10 km	2.7	Java, Indonesia
2942	2023-08-11	00:54:52	9.1533 S	112.8818 E	10 km	2.6	South of Java, Indonesia
2943	2023-08-11	01:29:20	8.9819 S	109.8891 E	10 km	3.0	Java, Indonesia
2944	2023-08-11	01:35:44	8.9193 S	109.8511 E	11 km	3.5	Java, Indonesia
2945	2023-08-11	02:41:01	9.1895 S	112.8585 E	15 km	2.6	South of Java, Indonesia
2946	2023-08-11	06:13:45	9.0321 S	112.2476 E	63 km	2.6	South of Java, Indonesia
2947	2023-08-11	09:03:32	8.8451 S	111.7627 E	76 km	3.1	Java, Indonesia
2948	2023-08-11	09:06:24	9.1815 S	113.8334 E	26 km	3.1	South of Java, Indonesia
2949	2023-08-11	10:49:04	8.6171 S	110.0178 E	58 km	2.5	Java, Indonesia
2950	2023-08-11	12:48:11	8.4211 S	110.5007 E	60 km	2.3	Java, Indonesia
2951	2023-08-11	12:59:00	9.8478 S	112.9302 E	10 km	3.4	South of Java, Indonesia
2952	2023-08-11	13:13:13	9.8272 S	112.8945 E	10 km	3.3	South of Java, Indonesia
2953	2023-08-11	15:04:06	8.8518 S	111.1891 E	19 km	3.2	Java, Indonesia
2954	2023-08-11	15:33:18	8.7996 S	110.9356 E	24 km	2.5	Java, Indonesia
2955	2023-08-11	16:57:02	9.1831 S	109.6808 E	6 km	3.0	South of Java, Indonesia
2956	2023-08-11	17:04:19	8.8778 S	110.8072 E	10 km	2.6	Java, Indonesia
2957	2023-08-11	17:19:17	9.5069 S	114.1038 E	85 km	2.8	South of Bali, Indonesia
2958	2023-08-11	17:24:28	7.9687 S	109.9101 E	79 km	2.2	Java, Indonesia
2959	2023-08-11	18:03:27	7.9483 S	109.8839 E	16 km	2.4	Java, Indonesia
2960	2023-08-11	22:45:13	8.3271 S	110.3510 E	10 km	2.2	Java, Indonesia
2961	2023-08-11	22:51:40	8.0208 S	110.0190 E	10 km	2.3	Java, Indonesia
2962	2023-08-11	23:05:05	8.5279 S	111.5826 E	10 km	2.4	Java, Indonesia
2963	2023-08-11	23:25:23	9.6088 S	114.0632 E	12 km	3.5	South of Bali, Indonesia
2964	2023-08-12	00:25:26	8.5245 S	112.2983 E	93 km	2.4	Java, Indonesia

2965	2023-08-12	01:03:01	8.4217 S	110.2587 E	11 km	2.4	Java, Indonesia
2966	2023-08-12	02:07:08	9.1259 S	109.0539 E	10 km	3.5	South of Java, Indonesia
2967	2023-08-12	04:54:57	9.5080 S	114.0394 E	5 km	3.5	South of Bali, Indonesia
2968	2023-08-12	12:41:23	9.1255 S	110.2635 E	10 km	2.7	South of Java, Indonesia
2969	2023-08-12	12:58:56	8.7975 S	112.4601 E	10 km	3.0	Java, Indonesia
2970	2023-08-12	20:09:42	9.5870 S	114.0153 E	10 km	3.0	South of Bali, Indonesia
2971	2023-08-12	21:52:35	9.1003 S	112.9987 E	10 km	2.7	South of Java, Indonesia
2972	2023-08-13	00:28:28	7.2161 S	108.7957 E	7 km	2.0	Java, Indonesia
2973	2023-08-13	05:12:12	8.8583 S	110.4149 E	90 km	2.5	Java, Indonesia
2974	2023-08-13	08:32:32	8.8645 S	111.0213 E	20 km	3.1	Java, Indonesia
2975	2023-08-13	11:21:44	7.7231 S	110.7319 E	49 km	2.1	Java, Indonesia
2976	2023-08-13	13:24:33	8.8173 S	108.8373 E	10 km	2.7	Java, Indonesia
2977	2023-08-13	13:36:48	10.8850 S	111.3193 E	10 km	3.9	South of Java, Indonesia
2978	2023-08-13	14:49:46	8.8879 S	111.2056 E	10 km	2.6	Java, Indonesia
2979	2023-08-13	15:12:35	8.8691 S	111.7513 E	9 km	3.9	Java, Indonesia
2980	2023-08-13	16:52:33	9.0595 S	110.3295 E	10 km	2.6	South of Java, Indonesia
2981	2023-08-13	21:52:36	8.9110 S	109.7667 E	16 km	2.9	Java, Indonesia
2982	2023-08-14	02:22:53	9.4112 S	109.7148 E	100 km	3.0	South of Java, Indonesia
2983	2023-08-14	02:40:11	8.6527 S	108.8153 E	10 km	2.8	Java, Indonesia
2984	2023-08-14	02:52:07	9.7776 S	112.9961 E	10 km	2.8	South of Java, Indonesia
2985	2023-08-14	04:38:35	9.3865 S	110.3452 E	10 km	3.0	South of Java, Indonesia
2986	2023-08-14	05:29:42	9.3304 S	113.8941 E	10 km	3.0	South of Java, Indonesia
2987	2023-08-14	08:39:15	8.5335 S	111.6146 E	94 km	2.6	Java, Indonesia
2988	2023-08-14	08:58:16	10.6985 S	110.6117 E	10 km	3.9	South of Java, Indonesia
2989	2023-08-14	09:09:15	7.4970 S	114.6670 E	96 km	2.8	Bali Sea
2990	2023-08-14	10:42:31	9.4793 S	114.0539 E	10 km	3.3	South of Bali, Indonesia
2991	2023-08-14	14:40:47	11.3842 S	112.2510 E	10 km	4.1	South of Java, Indonesia
2992	2023-08-14	16:44:34	8.8936 S	110.9164 E	10 km	2.7	Java, Indonesia
2993	2023-08-14	17:40:50	8.7988 S	110.9607 E	10 km	2.1	Java, Indonesia
2994	2023-08-14	21:41:09	8.9447 S	110.6758 E	27 km	2.5	Java, Indonesia

2995	2023-08-14	21:42:30	9.5551 S	113.6309 E	10 km	2.9	South of Java, Indonesia
2996	2023-08-14	22:45:45	8.6911 S	110.9301 E	10 km	2.4	Java, Indonesia
2997	2023-08-15	00:13:56	8.8204 S	114.2938 E	92 km	2.5	Bali Region, Indonesia
2998	2023-08-15	00:46:03	8.3192 S	110.2695 E	69 km	2.3	Java, Indonesia
2999	2023-08-15	00:58:23	8.8440 S	111.5689 E	15 km	2.4	Java, Indonesia
3000	2023-08-15	16:22:56	10.1821 S	112.0418 E	10 km	3.6	South of Java, Indonesia
3001	2023-08-15	18:56:21	8.1776 S	110.4761 E	54 km	2.2	Java, Indonesia
3002	2023-08-15	19:53:11	9.7121 S	112.7842 E	88 km	3.2	South of Java, Indonesia
3003	2023-08-16	02:16:45	7.7833 S	112.6056 E	1 km	2.9	Java, Indonesia
3004	2023-08-16	03:47:14	9.0198 S	112.9469 E	21 km	3.5	South of Java, Indonesia
3005	2023-08-16	04:41:29	8.6014 S	109.7182 E	13 km	2.8	Java, Indonesia
3006	2023-08-16	09:55:02	7.7362 S	110.0951 E	20 km	2.5	Java, Indonesia
3007	2023-08-16	11:35:43	8.1118 S	112.5321 E	2 km	2.4	Java, Indonesia
3008	2023-08-16	16:53:44	7.7702 S	110.4351 E	88 km	2.1	Java, Indonesia
3009	2023-08-16	17:29:10	8.6378 S	111.2457 E	31 km	2.9	Java, Indonesia
3010	2023-08-16	18:58:14	8.0114 S	110.5289 E	117 km	2.3	Java, Indonesia
3011	2023-08-17	02:55:23	8.4836 S	109.4633 E	16 km	3.0	Java, Indonesia
3012	2023-08-17	07:03:31	8.2255 S	110.6912 E	30 km	2.2	Java, Indonesia
3013	2023-08-17	09:23:27	9.2961 S	111.9323 E	19 km	4.3	South of Java, Indonesia
3014	2023-08-17	11:12:29	9.2107 S	111.8778 E	10 km	3.2	South of Java, Indonesia
3015	2023-08-17	11:52:45	8.9060 S	111.0933 E	15 km	3.7	Java, Indonesia
3016	2023-08-17	13:25:20	8.6607 S	110.1409 E	20 km	3.0	Java, Indonesia
3017	2023-08-17	14:28:32	8.0313 S	110.5438 E	20 km	1.9	Java, Indonesia
3018	2023-08-17	14:47:12	8.2035 S	111.5774 E	5 km	2.7	Java, Indonesia
3019	2023-08-17	22:09:50	9.6450 S	113.9260 E	3 km	3.1	South of Java, Indonesia
3020	2023-08-17	22:59:35	8.9654 S	111.2172 E	6 km	2.9	Java, Indonesia
3021	2023-08-18	02:12:07	7.6676 S	109.7013 E	5 km	3.3	Java, Indonesia
3022	2023-08-18	02:49:46	9.0060 S	113.7247 E	11 km	2.7	South of Java, Indonesia
3023	2023-08-18	05:15:32	8.4529 S	112.6311 E	10 km	3.4	Java, Indonesia
3024	2023-08-18	05:18:10	8.8411 S	112.8308 E	8 km	3.2	Java, Indonesia

3025	2023-08-18	05:28:15	8.9270 S	110.3189 E	21 km	3.1	Java, Indonesia
3026	2023-08-18	06:40:44	8.6016 S	110.9452 E	10 km	2.8	Java, Indonesia
3027	2023-08-18	07:05:28	9.0749 S	113.3685 E	7 km	2.9	South of Java, Indonesia
3028	2023-08-18	09:44:11	10.5138 S	113.2654 E	10 km	3.9	South of Java, Indonesia
3029	2023-08-18	09:59:24	10.6116 S	113.3631 E	30 km	4.1	South of Java, Indonesia
3030	2023-08-18	13:41:07	8.8353 S	111.1166 E	10 km	4.6	Java, Indonesia
3031	2023-08-18	13:45:39	8.8361 S	111.0998 E	11 km	3.3	Java, Indonesia
3032	2023-08-18	14:02:09	8.8123 S	111.1042 E	9 km	2.9	Java, Indonesia
3033	2023-08-18	14:22:54	7.6491 S	110.1396 E	9 km	2.3	Java, Indonesia
3034	2023-08-18	14:24:03	8.8426 S	111.0780 E	7 km	2.7	Java, Indonesia
3035	2023-08-18	15:11:35	8.7729 S	111.0614 E	10 km	2.8	Java, Indonesia
3036	2023-08-18	18:29:17	8.8116 S	111.1187 E	10 km	4.9	Java, Indonesia
3037	2023-08-18	21:12:07	8.9956 S	111.2349 E	15 km	3.0	Java, Indonesia
3038	2023-08-18	23:52:10	9.2987 S	112.1329 E	21 km	3.4	South of Java, Indonesia
3039	2023-08-19	02:40:30	8.8958 S	110.8268 E	67 km	3.0	Java, Indonesia
3040	2023-08-19	03:33:19	10.3275 S	111.7830 E	10 km	3.6	South of Java, Indonesia
3041	2023-08-19	05:29:21	8.0538 S	110.5767 E	3 km	1.5	Java, Indonesia
3042	2023-08-19	08:28:35	8.7727 S	111.0782 E	7 km	3.7	Java, Indonesia
3043	2023-08-19	08:35:05	7.7665 S	114.0207 E	10 km	2.6	Bali Sea
3044	2023-08-19	10:33:36	9.0705 S	113.8210 E	10 km	2.9	South of Java, Indonesia
3045	2023-08-19	10:43:15	8.7517 S	111.1430 E	10 km	2.6	Java, Indonesia
3046	2023-08-19	12:29:31	8.5027 S	112.1685 E	99 km	2.7	Java, Indonesia
3047	2023-08-19	13:17:22	9.0238 S	110.2213 E	30 km	2.9	South of Java, Indonesia
3048	2023-08-19	14:27:15	8.7977 S	110.9449 E	10 km	2.9	Java, Indonesia
3049	2023-08-19	17:31:53	9.0311 S	110.4505 E	10 km	3.0	South of Java, Indonesia
3050	2023-08-19	18:42:49	8.3028 S	110.3041 E	68 km	2.4	Java, Indonesia
3051	2023-08-19	19:55:50	8.7044 S	110.4278 E	10 km	2.7	Java, Indonesia
3052	2023-08-19	20:04:30	8.3268 S	111.5244 E	10 km	2.4	Java, Indonesia
3053	2023-08-19	22:52:23	8.8940 S	111.2640 E	18 km	3.0	Java, Indonesia
3054	2023-08-20	02:38:45	10.2111 S	113.2516 E	10 km	3.2	South of Java, Indonesia

3055	2023-08-20	04:14:47	10.8048 S	112.3979 E	10 km	4.0	South of Java, Indonesia
3056	2023-08-20	05:43:54	8.6825 S	109.3007 E	3 km	3.0	Java, Indonesia
3057	2023-08-20	06:11:12	9.2949 S	113.7214 E	10 km	2.5	South of Java, Indonesia
3058	2023-08-20	07:08:09	8.7535 S	112.2869 E	111 km	2.9	Java, Indonesia
3059	2023-08-20	07:39:44	8.2130 S	109.7405 E	10 km	2.6	Java, Indonesia
3060	2023-08-20	09:30:34	9.0392 S	110.3427 E	10 km	2.7	South of Java, Indonesia
3061	2023-08-20	11:37:45	8.3279 S	110.4487 E	4 km	2.5	Java, Indonesia
3062	2023-08-20	15:22:44	8.7377 S	110.9875 E	37 km	2.7	Java, Indonesia
3063	2023-08-20	16:10:13	7.5420 S	113.6844 E	6 km	2.5	Java, Indonesia
3064	2023-08-20	16:11:30	8.2645 S	110.3153 E	19 km	2.5	Java, Indonesia
3065	2023-08-20	17:46:41	8.9475 S	112.4929 E	39 km	3.0	Java, Indonesia
3066	2023-08-20	21:45:50	11.0842 S	111.2515 E	10 km	3.8	South of Java, Indonesia
3067	2023-08-20	22:18:17	8.2840 S	111.5125 E	123 km	3.2	Java, Indonesia
3068	2023-08-20	22:53:29	11.1692 S	111.2635 E	10 km	3.8	South of Java, Indonesia
3069	2023-08-21	01:03:27	8.4104 S	108.9531 E	4 km	2.8	Java, Indonesia
3070	2023-08-21	01:35:47	9.0399 S	111.2266 E	10 km	2.9	South of Java, Indonesia
3071	2023-08-21	03:16:11	9.3785 S	111.4698 E	10 km	3.0	South of Java, Indonesia
3072	2023-08-21	03:31:38	10.7171 S	112.1332 E	10 km	3.9	South of Java, Indonesia
3073	2023-08-21	05:27:31	7.9789 S	108.2372 E	28 km	3.4	Java, Indonesia
3074	2023-08-21	06:42:11	8.5632 S	108.5190 E	23 km	3.1	Java, Indonesia
3075	2023-08-21	09:39:41	8.0109 S	110.5397 E	10 km	1.3	Java, Indonesia
3076	2023-08-21	14:58:59	7.9288 S	110.6943 E	231 km	2.5	Java, Indonesia
3077	2023-08-21	15:35:19	9.6590 S	113.0744 E	10 km	2.9	South of Java, Indonesia
3078	2023-08-21	15:37:30	8.6348 S	115.1062 E	4 km	3.2	Bali Region, Indonesia
3079	2023-08-21	15:43:46	8.8791 S	110.8941 E	10 km	2.6	Java, Indonesia
3080	2023-08-21	15:48:15	10.2178 S	109.8710 E	10 km	3.6	South of Java, Indonesia
3081	2023-08-21	16:42:21	10.7815 S	112.6712 E	10 km	3.8	South of Java, Indonesia
3082	2023-08-21	18:02:56	9.3327 S	113.9413 E	10 km	3.1	South of Java, Indonesia
3083	2023-08-21	21:40:17	8.9382 S	111.6452 E	7 km	3.0	Java, Indonesia
3084	2023-08-21	23:22:01	8.9500 S	111.6596 E	10 km	3.0	Java, Indonesia

3085	2023-08-22	14:28:16	8.6154 S	110.3659 E	10 km	2.6	Java, Indonesia
3086	2023-08-22	16:43:25	8.8034 S	110.8956 E	27 km	2.7	Java, Indonesia
3087	2023-08-22	21:48:56	8.6021 S	112.2642 E	15 km	2.8	Java, Indonesia
3088	2023-08-23	00:42:50	8.5530 S	110.0228 E	37 km	2.9	Java, Indonesia
3089	2023-08-23	02:14:22	8.8541 S	111.0840 E	7 km	2.8	Java, Indonesia
3090	2023-08-23	05:21:11	8.8238 S	110.9218 E	21 km	2.9	Java, Indonesia
3091	2023-08-23	06:20:04	8.7867 S	110.9131 E	39 km	3.3	Java, Indonesia
3092	2023-08-23	09:45:16	9.1712 S	110.8101 E	10 km	3.0	South of Java, Indonesia
3093	2023-08-23	09:51:35	8.5674 S	110.9814 E	7 km	2.6	Java, Indonesia
3094	2023-08-23	10:43:12	8.2364 S	109.1127 E	10 km	3.5	Java, Indonesia
3095	2023-08-23	16:13:41	9.0823 S	110.8107 E	10 km	3.2	South of Java, Indonesia
3096	2023-08-23	19:52:53	8.7030 S	111.5038 E	10 km	4.6	Java, Indonesia
3097	2023-08-23	21:55:20	9.0790 S	112.9036 E	18 km	3.4	South of Java, Indonesia
3098	2023-08-23	23:23:18	8.2252 S	111.6932 E	25 km	2.3	Java, Indonesia
3099	2023-08-24	00:56:54	10.8042 S	112.5555 E	5 km	3.9	South of Java, Indonesia
3100	2023-08-24	05:24:40	8.8183 S	112.4813 E	37 km	3.5	Java, Indonesia
3101	2023-08-24	06:46:19	10.3903 S	113.3254 E	10 km	4.0	South of Java, Indonesia
3102	2023-08-24	07:24:13	8.3434 S	108.3964 E	10 km	4.1	Java, Indonesia
3103	2023-08-24	10:27:41	8.8874 S	111.2001 E	10 km	2.7	Java, Indonesia
3104	2023-08-24	11:25:58	8.6437 S	112.1888 E	10 km	2.7	Java, Indonesia
3105	2023-08-24	12:51:51	8.6548 S	111.4262 E	10 km	2.6	Java, Indonesia
3106	2023-08-24	14:47:22	8.7125 S	112.3114 E	102 km	2.4	Java, Indonesia
3107	2023-08-24	15:08:42	8.9533 S	109.8316 E	10 km	3.3	Java, Indonesia
3108	2023-08-24	16:39:47	8.3894 S	114.6310 E	14 km	2.5	Bali Region, Indonesia
3109	2023-08-24	21:07:14	8.5496 S	111.6124 E	25 km	2.8	Java, Indonesia
3110	2023-08-24	21:30:16	7.2108 S	114.7217 E	13 km	3.2	Bali Sea
3111	2023-08-24	21:38:02	8.6199 S	110.9542 E	10 km	2.6	Java, Indonesia
3112	2023-08-24	21:47:15	8.6976 S	111.1657 E	58 km	2.6	Java, Indonesia
3113	2023-08-25	02:33:22	8.8568 S	111.0609 E	10 km	2.9	Java, Indonesia
3114	2023-08-25	02:40:32	7.9333 S	111.5423 E	10 km	2.2	Java, Indonesia

3115	2023-08-25	03:58:30	8.7095 S	110.9233 E	10 km	2.7	Java, Indonesia
3116	2023-08-25	05:50:42	9.3607 S	109.5117 E	12 km	3.3	South of Java, Indonesia
3117	2023-08-25	07:01:59	8.0490 S	111.2965 E	70 km	2.4	Java, Indonesia
3118	2023-08-25	07:21:00	8.7683 S	109.8419 E	10 km	2.8	Java, Indonesia
3119	2023-08-25	07:58:55	7.3880 S	110.6688 E	4 km	2.3	Java, Indonesia
3120	2023-08-25	09:26:01	7.8012 S	109.8543 E	11 km	2.4	Java, Indonesia
3121	2023-08-25	10:50:58	7.8773 S	110.5427 E	19 km	2.4	Java, Indonesia
3122	2023-08-25	15:09:00	8.0277 S	110.5860 E	10 km	1.8	Java, Indonesia
3123	2023-08-25	15:24:22	7.9403 S	110.8845 E	10 km	2.2	Java, Indonesia
3124	2023-08-25	15:32:42	8.4271 S	109.4290 E	10 km	2.8	Java, Indonesia
3125	2023-08-25	22:32:18	8.2741 S	110.0442 E	36 km	2.6	Java, Indonesia
3126	2023-08-26	02:59:28	9.0430 S	110.8564 E	6 km	2.8	South of Java, Indonesia
3127	2023-08-26	03:43:55	9.3984 S	113.8358 E	4 km	2.8	South of Java, Indonesia
3128	2023-08-26	04:08:07	8.0828 S	110.4293 E	6 km	1.7	Java, Indonesia
3129	2023-08-26	05:23:53	8.1955 S	110.3469 E	10 km	2.0	Java, Indonesia
3130	2023-08-26	07:11:58	8.5479 S	108.7491 E	30 km	2.8	Java, Indonesia
3131	2023-08-26	07:33:47	7.6641 S	111.3462 E	16 km	2.1	Java, Indonesia
3132	2023-08-26	08:02:29	9.5661 S	114.9175 E	7 km	3.7	South of Bali, Indonesia
3133	2023-08-26	08:12:03	7.5762 S	111.2940 E	7 km	2.1	Java, Indonesia
3134	2023-08-26	11:50:59	9.4650 S	109.4137 E	268 km	3.4	South of Java, Indonesia
3135	2023-08-26	12:08:07	7.7043 S	110.0581 E	4 km	2.0	Java, Indonesia
3136	2023-08-26	16:11:22	8.6171 S	110.8387 E	11 km	2.4	Java, Indonesia
3137	2023-08-26	16:59:58	8.7521 S	110.2470 E	24 km	3.0	Java, Indonesia
3138	2023-08-26	17:09:06	8.0062 S	111.2056 E	3 km	2.8	Java, Indonesia
3139	2023-08-26	17:48:51	8.0455 S	111.2161 E	6 km	2.2	Java, Indonesia
3140	2023-08-26	18:18:53	7.8099 S	111.1566 E	40 km	2.7	Java, Indonesia
3141	2023-08-26	18:29:08	7.0570 S	109.8151 E	31 km	2.2	Java, Indonesia
3142	2023-08-26	19:47:50	8.5802 S	108.9709 E	10 km	2.5	Java, Indonesia
3143	2023-08-26	20:27:53	9.0480 S	110.6275 E	10 km	2.8	South of Java, Indonesia
3144	2023-08-26	21:01:06	8.5897 S	110.0650 E	43 km	2.7	Java, Indonesia

3145	2023-08-26	21:32:29	7.6724 S	110.3577 E	22 km	2.0	Java, Indonesia
3146	2023-08-26	22:15:30	8.8411 S	111.3888 E	10 km	2.6	Java, Indonesia
3147	2023-08-26	23:24:31	9.2143 S	110.8366 E	10 km	2.8	South of Java, Indonesia
3148	2023-08-27	01:22:38	8.6129 S	110.3213 E	37 km	2.6	Java, Indonesia
3149	2023-08-27	01:24:46	9.0033 S	111.7152 E	10 km	2.7	South of Java, Indonesia
3150	2023-08-27	01:36:30	6.6266 S	115.5226 E	10 km	3.1	Bali Sea
3151	2023-08-27	01:51:10	8.0178 S	111.2357 E	13 km	2.1	Java, Indonesia
3152	2023-08-27	02:11:40	9.1837 S	112.2222 E	10 km	2.6	South of Java, Indonesia
3153	2023-08-27	02:44:58	8.3424 S	112.0805 E	116 km	2.4	Java, Indonesia
3154	2023-08-27	03:38:49	8.7500 S	111.4950 E	10 km	2.5	Java, Indonesia
3155	2023-08-27	09:23:43	8.7406 S	110.3006 E	18 km	2.7	Java, Indonesia
3156	2023-08-27	09:57:01	8.9050 S	112.0150 E	26 km	3.1	Java, Indonesia
3157	2023-08-27	10:06:15	8.6976 S	109.9816 E	23 km	2.7	Java, Indonesia
3158	2023-08-27	11:54:29	7.8798 S	110.1836 E	10 km	2.0	Java, Indonesia
3159	2023-08-27	12:39:47	8.8271 S	111.5384 E	60 km	2.7	Java, Indonesia
3160	2023-08-27	16:31:15	9.0037 S	112.8963 E	10 km	2.6	South of Java, Indonesia
3161	2023-08-27	17:14:39	8.7581 S	111.5063 E	14 km	2.5	Java, Indonesia
3162	2023-08-27	17:23:45	9.0293 S	110.6710 E	10 km	2.6	South of Java, Indonesia
3163	2023-08-27	20:09:01	9.0745 S	113.2806 E	13 km	2.4	South of Java, Indonesia
3164	2023-08-27	20:26:40	8.5204 S	109.0825 E	48 km	2.9	Java, Indonesia
3165	2023-08-27	20:38:24	8.6981 S	110.0553 E	26 km	2.4	Java, Indonesia
3166	2023-08-27	22:07:52	9.1478 S	110.4458 E	10 km	2.8	South of Java, Indonesia
3167	2023-08-27	23:34:05	9.1887 S	110.5078 E	10 km	2.8	South of Java, Indonesia
3168	2023-08-28	00:07:15	8.2633 S	109.9228 E	12 km	2.4	Java, Indonesia
3169	2023-08-28	04:32:19	8.7526 S	110.9224 E	37 km	2.5	Java, Indonesia
3170	2023-08-28	05:11:05	8.5644 S	110.8055 E	10 km	3.3	Java, Indonesia
3171	2023-08-28	06:05:19	10.8811 S	111.7730 E	67 km	4.0	South of Java, Indonesia
3172	2023-08-28	07:19:44	8.7751 S	111.7853 E	16 km	2.7	Java, Indonesia
3173	2023-08-28	08:51:47	8.1012 S	110.6089 E	15 km	1.3	Java, Indonesia
3174	2023-08-28	11:19:47	9.4001 S	110.6687 E	25 km	3.0	South of Java, Indonesia

3175	2023-08-28	13:55:32	8.7333 S	111.3261 E	22 km	2.6	Java, Indonesia
3176	2023-08-28	14:02:30	8.0206 S	110.5131 E	10 km	1.9	Java, Indonesia
3177	2023-08-28	19:55:41	7.5842 S	116.1670 E	467 km	6.9	Bali Sea
3178	2023-08-28	22:57:51	9.1292 S	111.2478 E	10 km	3.0	South of Java, Indonesia
3179	2023-08-29	03:21:07	8.6532 S	108.3877 E	30 km	2.8	Java, Indonesia
3180	2023-08-29	06:01:47	9.4655 S	112.8337 E	10 km	3.1	South of Java, Indonesia
3181	2023-08-29	09:46:52	8.6727 S	110.1157 E	10 km	2.5	Java, Indonesia
3182	2023-08-29	12:00:09	7.4288 S	110.3976 E	5 km	2.3	Java, Indonesia
3183	2023-08-29	14:23:29	8.0211 S	110.4742 E	10 km	1.1	Java, Indonesia
3184	2023-08-29	14:40:49	9.1245 S	111.1873 E	19 km	2.7	South of Java, Indonesia
3185	2023-08-29	15:19:53	8.3969 S	110.6367 E	8 km	2.2	Java, Indonesia
3186	2023-08-29	15:29:50	8.7630 S	111.0637 E	10 km	2.6	Java, Indonesia
3187	2023-08-29	16:00:32	7.9960 S	111.6387 E	212 km	1.7	Java, Indonesia
3188	2023-08-29	16:26:27	9.2907 S	113.8970 E	10 km	2.3	South of Java, Indonesia
3189	2023-08-29	16:53:03	9.6927 S	112.7170 E	10 km	3.2	South of Java, Indonesia
3190	2023-08-29	18:16:34	9.3682 S	110.5565 E	10 km	3.3	South of Java, Indonesia
3191	2023-08-29	18:35:14	9.5286 S	113.9048 E	10 km	2.8	South of Java, Indonesia
3192	2023-08-29	20:04:58	9.1674 S	115.0588 E	53 km	4.1	South of Bali, Indonesia
3193	2023-08-29	20:46:20	9.5105 S	114.8710 E	9 km	3.2	South of Bali, Indonesia
3194	2023-08-29	21:51:41	8.5584 S	112.5875 E	112 km	2.8	Java, Indonesia
3195	2023-08-29	22:05:10	9.4125 S	112.9414 E	10 km	2.6	South of Java, Indonesia
3196	2023-08-29	22:46:07	7.2481 S	113.2722 E	125 km	3.0	Java, Indonesia
3197	2023-08-30	04:32:05	8.2907 S	109.2770 E	10 km	2.7	Java, Indonesia
3198	2023-08-30	05:22:06	9.7083 S	112.8615 E	33 km	3.8	South of Java, Indonesia
3199	2023-08-30	06:37:37	8.8745 S	110.5472 E	21 km	2.7	Java, Indonesia
3200	2023-08-30	06:53:58	8.7558 S	111.7690 E	34 km	3.2	Java, Indonesia
3201	2023-08-30	07:15:13	8.8769 S	110.8490 E	66 km	2.7	Java, Indonesia
3202	2023-08-30	12:59:07	8.4531 S	109.3455 E	16 km	2.9	Java, Indonesia
3203	2023-08-30	13:30:34	9.6122 S	113.3483 E	30 km	3.1	South of Java, Indonesia
3204	2023-08-30	14:10:33	9.1773 S	113.0826 E	12 km	3.3	South of Java, Indonesia

3205	2023-08-30	14:34:27	8.8336 S	109.9796 E	10 km	2.7	Java, Indonesia
3206	2023-08-30	20:10:36	8.6098 S	109.0924 E	10 km	3.4	Java, Indonesia
3207	2023-08-30	23:00:23	8.5472 S	111.3841 E	14 km	2.4	Java, Indonesia
3208	2023-08-30	23:29:05	8.9099 S	112.8667 E	10 km	2.4	Java, Indonesia
3209	2023-08-31	01:40:29	8.8835 S	110.2227 E	49 km	2.7	Java, Indonesia
3210	2023-08-31	03:58:26	8.2120 S	109.2842 E	69 km	2.5	Java, Indonesia
3211	2023-08-31	05:01:00	8.9653 S	111.4262 E	10 km	3.1	Java, Indonesia
3212	2023-08-31	05:46:24	8.6932 S	110.5649 E	21 km	2.1	Java, Indonesia
3213	2023-08-31	08:20:27	7.9921 S	110.4211 E	20 km	1.9	Java, Indonesia
3214	2023-08-31	09:26:59	8.8373 S	111.4336 E	10 km	2.8	Java, Indonesia
3215	2023-08-31	10:54:38	9.3709 S	113.3071 E	10 km	3.3	South of Java, Indonesia
3216	2023-08-31	11:44:19	8.4895 S	109.6808 E	22 km	2.5	Java, Indonesia
3217	2023-08-31	12:29:19	8.4618 S	108.1049 E	7 km	2.9	Java, Indonesia
3218	2023-08-31	12:38:55	7.7512 S	110.4034 E	36 km	1.6	Java, Indonesia
3219	2023-08-31	13:17:02	9.0970 S	112.8454 E	10 km	3.0	South of Java, Indonesia
3220	2023-08-31	13:24:14	10.2505 S	112.0335 E	185 km	3.5	South of Java, Indonesia
3221	2023-08-31	14:50:28	8.2017 S	111.6628 E	40 km	2.3	Java, Indonesia
3222	2023-08-31	17:01:53	8.6619 S	109.1276 E	10 km	2.6	Java, Indonesia
3223	2023-08-31	17:18:42	9.1719 S	113.4795 E	25 km	2.6	South of Java, Indonesia
3224	2023-08-31	20:41:22	8.3978 S	108.9996 E	13 km	3.2	Java, Indonesia
3225	2023-08-31	21:23:33	8.7356 S	110.2130 E	85 km	2.6	Java, Indonesia
3226	2023-08-31	21:39:09	9.2677 S	112.3803 E	10 km	2.6	South of Java, Indonesia
3227	2023-08-31	21:58:50	8.7111 S	112.2183 E	3 km	2.7	Java, Indonesia
3228	2023-08-31	22:52:48	8.5612 S	112.2249 E	110 km	2.9	Java, Indonesia
3229	2023-08-31	23:29:17	8.6231 S	110.9565 E	10 km	2.3	Java, Indonesia
3230	2023-08-31	23:38:21	8.0732 S	110.5936 E	5 km	1.3	Java, Indonesia
3231	2023-08-31	23:50:15	8.0953 S	110.7306 E	194 km	2.1	Java, Indonesia
3232	2023-09-01	00:33:00	8.6396 S	111.5663 E	22 km	2.3	Java, Indonesia
3233	2023-09-01	00:48:40	8.8967 S	111.2851 E	14 km	2.9	Java, Indonesia
3234	2023-09-01	04:01:48	10.1904 S	110.3341 E	10 km	3.5	South of Java, Indonesia

3235	2023-09-01	04:58:56	9.3668 S	110.3495 E	10 km	3.4	South of Java, Indonesia
3236	2023-09-01	05:06:40	9.3718 S	112.6922 E	27 km	2.8	South of Java, Indonesia
3237	2023-09-01	05:50:18	9.0400 S	110.7534 E	10 km	2.6	South of Java, Indonesia
3238	2023-09-01	08:21:43	7.2298 S	109.8030 E	11 km	2.0	Java, Indonesia
3239	2023-09-01	11:58:41	8.0931 S	110.6566 E	10 km	1.7	Java, Indonesia
3240	2023-09-01	12:15:14	8.5734 S	114.5589 E	9 km	2.7	Bali Region, Indonesia
3241	2023-09-01	12:18:21	7.9699 S	110.5089 E	10 km	1.7	Java, Indonesia
3242	2023-09-01	13:38:42	8.8193 S	110.8746 E	10 km	2.4	Java, Indonesia
3243	2023-09-01	13:45:15	7.9144 S	110.4522 E	16 km	1.4	Java, Indonesia
3244	2023-09-01	15:18:12	8.0721 S	110.5940 E	10 km	1.3	Java, Indonesia
3245	2023-09-01	15:38:31	8.1155 S	110.6475 E	2 km	1.4	Java, Indonesia
3246	2023-09-01	16:05:21	8.0946 S	110.5915 E	2 km	1.4	Java, Indonesia
3247	2023-09-01	16:23:47	8.0692 S	110.5891 E	3 km	1.3	Java, Indonesia
3248	2023-09-01	16:56:43	7.9489 S	110.4682 E	14 km	1.7	Java, Indonesia
3249	2023-09-01	17:00:13	8.0878 S	110.6028 E	2 km	1.4	Java, Indonesia
3250	2023-09-01	23:15:35	8.4229 S	110.6243 E	82 km	2.2	Java, Indonesia
3251	2023-09-02	03:10:48	9.1568 S	113.4770 E	10 km	2.5	South of Java, Indonesia
3252	2023-09-02	05:14:33	7.8444 S	110.4422 E	7 km	1.2	Java, Indonesia
3253	2023-09-02	05:53:12	8.9261 S	111.1006 E	10 km	2.7	Java, Indonesia
3254	2023-09-02	12:46:28	8.3952 S	109.2489 E	35 km	2.5	Java, Indonesia
3255	2023-09-02	12:49:00	8.4418 S	110.6593 E	9 km	2.2	Java, Indonesia
3256	2023-09-02	14:26:18	10.2385 S	113.1022 E	10 km	3.4	South of Java, Indonesia
3257	2023-09-02	14:49:12	8.3983 S	110.6785 E	8 km	2.6	Java, Indonesia
3258	2023-09-02	18:35:29	8.3403 S	110.9073 E	1 km	2.5	Java, Indonesia
3259	2023-09-02	23:16:40	7.9861 S	110.5961 E	24 km	1.1	Java, Indonesia
3260	2023-09-03	02:27:38	8.8671 S	111.2810 E	22 km	2.6	Java, Indonesia
3261	2023-09-03	04:11:27	8.3200 S	109.7783 E	33 km	2.6	Java, Indonesia
3262	2023-09-03	07:19:10	8.8722 S	109.8606 E	10 km	2.8	Java, Indonesia
3263	2023-09-03	07:48:21	8.0435 S	110.6231 E	97 km	1.4	Java, Indonesia
3264	2023-09-03	08:31:08	9.0297 S	111.2508 E	10 km	2.7	South of Java, Indonesia

3265	2023-09-03	10:21:42	8.5927 S	110.0767 E	36 km	3.2	Java, Indonesia
3266	2023-09-03	12:31:48	7.6479 S	111.0826 E	23 km	2.4	Java, Indonesia
3267	2023-09-03	14:35:40	8.6601 S	111.2100 E	10 km	2.4	Java, Indonesia
3268	2023-09-03	16:48:00	9.1742 S	111.4556 E	10 km	2.6	South of Java, Indonesia
3269	2023-09-03	16:59:33	8.7874 S	111.7946 E	10 km	2.5	Java, Indonesia
3270	2023-09-03	17:04:11	8.9799 S	110.6861 E	49 km	2.7	Java, Indonesia
3271	2023-09-03	18:57:40	8.4612 S	110.8369 E	5 km	2.4	Java, Indonesia
3272	2023-09-03	21:58:14	9.0799 S	110.4444 E	10 km	2.6	South of Java, Indonesia
3273	2023-09-03	23:07:58	8.2114 S	110.2447 E	32 km	2.1	Java, Indonesia
3274	2023-09-03	23:13:28	7.6337 S	110.6220 E	7 km	2.3	Java, Indonesia
3275	2023-09-03	23:50:45	7.9473 S	110.4501 E	9 km	2.2	Java, Indonesia
3276	2023-09-04	00:01:26	8.5481 S	110.3358 E	29 km	2.5	Java, Indonesia
3277	2023-09-04	00:45:55	9.1619 S	112.8026 E	24 km	3.2	South of Java, Indonesia
3278	2023-09-04	01:13:07	8.9168 S	110.4263 E	12 km	2.6	Java, Indonesia
3279	2023-09-04	05:16:18	7.9612 S	109.6540 E	249 km	2.4	Java, Indonesia
3280	2023-09-04	07:06:24	10.7576 S	113.3190 E	36 km	4.4	South of Java, Indonesia
3281	2023-09-04	07:35:43	10.8727 S	113.0947 E	10 km	4.2	South of Java, Indonesia
3282	2023-09-04	07:50:34	10.5522 S	113.4555 E	15 km	4.0	South of Java, Indonesia
3283	2023-09-04	09:57:08	9.0408 S	110.1600 E	69 km	2.9	South of Java, Indonesia
3284	2023-09-04	10:09:20	9.2193 S	111.1585 E	24 km	2.8	South of Java, Indonesia
3285	2023-09-04	11:40:01	8.9193 S	113.2785 E	18 km	2.4	Java, Indonesia
3286	2023-09-04	13:12:53	8.7055 S	110.4315 E	10 km	2.6	Java, Indonesia
3287	2023-09-04	15:47:16	8.8930 S	111.7864 E	10 km	2.9	Java, Indonesia
3288	2023-09-04	15:55:07	8.5622 S	111.5248 E	12 km	2.5	Java, Indonesia
3289	2023-09-04	16:10:14	8.7343 S	110.9604 E	105 km	2.6	Java, Indonesia
3290	2023-09-04	16:39:24	8.8392 S	110.0813 E	31 km	2.8	Java, Indonesia
3291	2023-09-04	17:38:57	8.4705 S	110.8582 E	28 km	2.6	Java, Indonesia
3292	2023-09-04	18:20:22	8.8597 S	111.3773 E	70 km	2.6	Java, Indonesia
3293	2023-09-04	19:29:21	8.8390 S	111.7157 E	20 km	2.8	Java, Indonesia
3294	2023-09-04	21:25:55	8.8672 S	110.5845 E	10 km	2.9	Java, Indonesia

3295	2023-09-04	22:42:36	8.6387 S	110.6027 E	31 km	2.6	Java, Indonesia
3296	2023-09-05	01:15:19	8.9828 S	111.2948 E	14 km	2.8	Java, Indonesia
3297	2023-09-05	01:56:10	9.0133 S	111.3358 E	44 km	2.8	South of Java, Indonesia
3298	2023-09-05	05:34:34	8.8885 S	109.6365 E	113 km	3.1	Java, Indonesia
3299	2023-09-05	11:01:10	8.9694 S	111.6725 E	26 km	3.1	Java, Indonesia
3300	2023-09-05	14:35:53	8.4247 S	109.0965 E	8 km	4.7	Java, Indonesia
3301	2023-09-05	15:15:02	10.4645 S	112.4201 E	10 km	4.3	South of Java, Indonesia
3302	2023-09-05	16:16:20	9.0853 S	110.0672 E	10 km	3.1	South of Java, Indonesia
3303	2023-09-05	16:29:12	10.0337 S	110.8909 E	10 km	3.6	South of Java, Indonesia
3304	2023-09-05	16:43:08	8.6674 S	112.5425 E	22 km	2.8	Java, Indonesia
3305	2023-09-05	17:15:47	8.7762 S	110.9510 E	10 km	2.7	Java, Indonesia
3306	2023-09-05	17:40:59	8.9775 S	110.7311 E	26 km	2.9	Java, Indonesia
3307	2023-09-05	18:33:29	8.6289 S	110.0528 E	22 km	4.2	Java, Indonesia
3308	2023-09-05	20:13:24	7.9535 S	110.3580 E	5 km	1.5	Java, Indonesia
3309	2023-09-05	21:31:07	8.8087 S	112.4297 E	10 km	3.1	Java, Indonesia
3310	2023-09-05	21:48:26	8.7197 S	113.2720 E	63 km	2.6	Java, Indonesia
3311	2023-09-05	22:08:01	8.1139 S	109.7289 E	108 km	2.9	Java, Indonesia
3312	2023-09-05	22:14:09	9.1620 S	110.8331 E	10 km	2.9	South of Java, Indonesia
3313	2023-09-05	23:26:13	8.9947 S	113.7367 E	30 km	2.8	Java, Indonesia
3314	2023-09-05	23:36:08	8.4004 S	110.1705 E	10 km	2.8	Java, Indonesia
3315	2023-09-05	23:39:01	9.6052 S	113.8928 E	9 km	2.9	South of Java, Indonesia
3316	2023-09-06	01:52:54	8.0505 S	110.5972 E	4 km	2.0	Java, Indonesia
3317	2023-09-06	03:17:52	8.8755 S	110.3756 E	33 km	2.8	Java, Indonesia
3318	2023-09-06	09:42:22	10.0068 S	113.1958 E	10 km	3.3	South of Java, Indonesia
3319	2023-09-06	11:43:09	9.0555 S	111.2585 E	16 km	3.0	South of Java, Indonesia
3320	2023-09-06	14:17:05	9.0050 S	111.3125 E	8 km	2.9	South of Java, Indonesia
3321	2023-09-06	14:51:21	7.4470 S	110.7798 E	16 km	2.4	Java, Indonesia
3322	2023-09-06	15:30:50	10.3827 S	111.3852 E	10 km	3.5	South of Java, Indonesia
3323	2023-09-06	17:25:22	9.2814 S	113.9008 E	7 km	3.1	South of Java, Indonesia
3324	2023-09-06	18:24:36	9.5877 S	114.0069 E	10 km	3.6	South of Bali, Indonesia

3325	2023-09-06	19:11:25	8.5675 S	110.2825 E	32 km	2.8	Java, Indonesia
3326	2023-09-06	21:44:59	8.4917 S	110.7388 E	14 km	2.7	Java, Indonesia
3327	2023-09-06	22:22:29	9.8112 S	110.6225 E	10 km	3.2	South of Java, Indonesia
3328	2023-09-06	23:17:30	9.0623 S	111.2768 E	10 km	2.7	South of Java, Indonesia
3329	2023-09-07	00:25:35	8.9991 S	111.3396 E	10 km	2.8	Java, Indonesia
3330	2023-09-07	00:48:28	8.9625 S	111.6563 E	10 km	2.8	Java, Indonesia
3331	2023-09-07	02:26:02	7.7763 S	110.4598 E	29 km	1.7	Java, Indonesia
3332	2023-09-07	03:05:06	7.9508 S	111.4196 E	119 km	2.3	Java, Indonesia
3333	2023-09-07	03:16:30	8.7543 S	111.5120 E	15 km	3.0	Java, Indonesia
3334	2023-09-07	10:46:46	9.3011 S	112.7134 E	10 km	3.1	South of Java, Indonesia
3335	2023-09-07	11:48:59	8.3244 S	110.2644 E	10 km	2.6	Java, Indonesia
3336	2023-09-07	11:51:39	7.5318 S	111.0173 E	25 km	2.7	Java, Indonesia
3337	2023-09-07	12:33:56	9.3250 S	110.3949 E	10 km	3.2	South of Java, Indonesia
3338	2023-09-07	12:40:32	8.5788 S	111.7099 E	31 km	2.7	Java, Indonesia
3339	2023-09-07	13:08:30	9.3092 S	110.3112 E	22 km	3.2	South of Java, Indonesia
3340	2023-09-07	13:59:05	8.5703 S	110.0228 E	10 km	2.8	Java, Indonesia
3341	2023-09-07	14:31:45	7.9399 S	111.0950 E	125 km	2.3	Java, Indonesia
3342	2023-09-07	15:08:44	8.7446 S	110.7453 E	27 km	2.7	Java, Indonesia
3343	2023-09-07	16:01:57	8.0652 S	110.7420 E	25 km	1.9	Java, Indonesia
3344	2023-09-07	17:25:51	8.2973 S	111.3726 E	8 km	2.3	Java, Indonesia
3345	2023-09-07	20:47:32	8.3628 S	110.3204 E	11 km	2.6	Java, Indonesia
3346	2023-09-07	21:20:16	8.5997 S	111.5261 E	7 km	2.3	Java, Indonesia
3347	2023-09-07	22:57:58	8.5666 S	113.3537 E	93 km	2.6	Java, Indonesia
3348	2023-09-08	00:07:46	9.3421 S	111.8527 E	13 km	2.8	South of Java, Indonesia
3349	2023-09-08	02:54:15	8.5194 S	110.0570 E	30 km	2.5	Java, Indonesia
3350	2023-09-08	05:44:53	8.1183 S	110.2165 E	10 km	2.1	Java, Indonesia
3351	2023-09-08	07:30:01	8.8772 S	111.9358 E	8 km	2.9	Java, Indonesia
3352	2023-09-08	17:40:25	8.9270 S	111.2850 E	10 km	2.5	Java, Indonesia
3353	2023-09-08	19:39:14	8.3133 S	109.6354 E	10 km	2.6	Java, Indonesia
3354	2023-09-08	20:48:45	9.3428 S	113.3064 E	12 km	2.6	South of Java, Indonesia

3355	2023-09-09	00:06:16	7.3964 S	116.4835 E	522 km	5.8	Bali Sea
3356	2023-09-09	00:25:14	7.8551 S	110.3931 E	10 km	1.3	Java, Indonesia
3357	2023-09-09	00:51:59	8.0303 S	110.5892 E	10 km	1.5	Java, Indonesia
3358	2023-09-09	06:14:43	8.4584 S	108.6337 E	30 km	2.5	Java, Indonesia
3359	2023-09-09	08:25:57	8.8514 S	111.3163 E	26 km	2.5	Java, Indonesia
3360	2023-09-09	09:23:01	9.3441 S	113.6662 E	10 km	2.3	South of Java, Indonesia
3361	2023-09-09	09:51:03	8.5638 S	110.6024 E	39 km	2.5	Java, Indonesia
3362	2023-09-09	14:26:53	8.7214 S	110.4217 E	10 km	2.5	Java, Indonesia
3363	2023-09-09	14:34:15	9.3876 S	109.8316 E	10 km	2.9	South of Java, Indonesia
3364	2023-09-09	16:01:40	8.9675 S	109.9608 E	30 km	2.5	Java, Indonesia
3365	2023-09-09	16:44:37	8.9952 S	111.2222 E	0 km	2.5	Java, Indonesia
3366	2023-09-09	17:29:36	9.0929 S	113.0747 E	102 km	3.0	South of Java, Indonesia
3367	2023-09-09	22:56:14	8.5163 S	111.0991 E	28 km	2.4	Java, Indonesia
3368	2023-09-10	00:01:52	8.9859 S	113.1696 E	10 km	2.6	Java, Indonesia
3369	2023-09-10	04:51:02	8.6591 S	110.0415 E	10 km	2.6	Java, Indonesia
3370	2023-09-10	12:42:09	8.9205 S	110.1000 E	77 km	2.7	Java, Indonesia
3371	2023-09-10	15:10:18	8.0140 S	113.3173 E	4 km	2.0	Java, Indonesia
3372	2023-09-10	15:55:59	8.7715 S	110.6146 E	10 km	2.5	Java, Indonesia
3373	2023-09-10	22:37:16	9.1930 S	110.6311 E	10 km	3.1	South of Java, Indonesia
3374	2023-09-10	23:36:43	9.1821 S	113.5018 E	40 km	2.6	South of Java, Indonesia
3375	2023-09-11	00:52:00	8.6239 S	112.8780 E	79 km	3.2	Java, Indonesia
3376	2023-09-11	02:18:53	9.6961 S	114.0974 E	0 km	3.5	South of Bali, Indonesia
3377	2023-09-11	04:13:32	8.5562 S	111.0801 E	62 km	2.5	Java, Indonesia
3378	2023-09-11	04:19:44	9.6918 S	108.4344 E	10 km	3.4	South of Java, Indonesia
3379	2023-09-11	05:25:36	8.0067 S	108.7771 E	64 km	3.2	Java, Indonesia
3380	2023-09-11	10:11:08	7.9721 S	110.4449 E	12 km	2.2	Java, Indonesia
3381	2023-09-11	12:19:22	8.8884 S	111.8812 E	24 km	2.7	Java, Indonesia
3382	2023-09-11	12:40:11	8.3552 S	109.2798 E	33 km	3.5	Java, Indonesia
3383	2023-09-11	14:30:06	9.4419 S	114.0554 E	12 km	3.1	South of Bali, Indonesia
3384	2023-09-11	16:02:21	9.1904 S	110.4916 E	10 km	2.6	South of Java, Indonesia

3385	2023-09-11	16:03:30	9.2544 S	110.6719 E	10 km	2.6	South of Java, Indonesia
3386	2023-09-11	16:52:02	10.4543 S	111.6415 E	10 km	3.3	South of Java, Indonesia
3387	2023-09-11	17:06:53	8.1369 S	110.5222 E	196 km	1.8	Java, Indonesia
3388	2023-09-11	21:14:23	8.9650 S	112.9971 E	10 km	3.0	Java, Indonesia
3389	2023-09-11	23:27:45	8.7280 S	114.6590 E	37 km	2.9	Bali Region, Indonesia
3390	2023-09-11	23:38:37	10.8764 S	110.7816 E	10 km	3.8	South of Java, Indonesia
3391	2023-09-12	03:54:25	8.3659 S	110.3057 E	6 km	2.4	Java, Indonesia
3392	2023-09-12	14:05:02	8.1417 S	108.8956 E	23 km	2.5	Java, Indonesia
3393	2023-09-12	14:12:43	7.4838 S	110.4144 E	13 km	2.0	Java, Indonesia
3394	2023-09-12	15:02:43	6.6439 S	114.3378 E	7 km	2.6	Bali Sea
3395	2023-09-12	16:26:55	7.1371 S	109.6857 E	41 km	1.9	Java, Indonesia
3396	2023-09-12	17:31:27	8.6807 S	110.9019 E	41 km	2.5	Java, Indonesia
3397	2023-09-12	23:42:20	8.6598 S	113.4898 E	60 km	2.3	Java, Indonesia
3398	2023-09-13	01:04:06	8.4425 S	111.2044 E	88 km	2.8	Java, Indonesia
3399	2023-09-13	05:08:04	6.4771 S	113.4215 E	13 km	3.3	Java, Indonesia
3400	2023-09-13	05:34:28	6.2047 S	109.9344 E	718 km	4.8	Java, Indonesia
3401	2023-09-13	08:58:42	8.1134 S	110.5883 E	27 km	2.4	Java, Indonesia
3402	2023-09-13	13:10:08	9.4952 S	115.9204 E	50 km	4.0	South of Bali, Indonesia
3403	2023-09-13	14:36:00	9.0010 S	112.5069 E	10 km	2.6	South of Java, Indonesia
3404	2023-09-13	15:38:42	9.0393 S	110.1759 E	10 km	2.7	South of Java, Indonesia
3405	2023-09-13	16:44:12	8.1193 S	110.6479 E	10 km	1.7	Java, Indonesia
3406	2023-09-13	21:27:00	8.3569 S	109.4427 E	105 km	2.6	Java, Indonesia
3407	2023-09-13	21:44:14	8.2190 S	109.6428 E	72 km	2.6	Java, Indonesia
3408	2023-09-13	22:13:01	9.0350 S	111.2713 E	10 km	2.8	South of Java, Indonesia
3409	2023-09-14	01:16:27	10.7256 S	113.2554 E	36 km	3.7	South of Java, Indonesia
3410	2023-09-14	01:24:51	9.3308 S	113.9287 E	19 km	2.9	South of Java, Indonesia
3411	2023-09-14	01:30:03	6.7210 S	115.4013 E	5 km	3.1	Bali Sea
3412	2023-09-14	01:42:06	10.7345 S	113.2048 E	10 km	4.0	South of Java, Indonesia
3413	2023-09-14	02:36:23	9.3436 S	112.9472 E	10 km	2.9	South of Java, Indonesia
3414	2023-09-14	04:03:06	10.7974 S	113.1358 E	10 km	3.6	South of Java, Indonesia

3415	2023-09-14	05:11:57	8.9612 S	110.0227 E	10 km	3.0	Java, Indonesia
3416	2023-09-14	06:19:41	10.6191 S	113.2290 E	10 km	4.4	South of Java, Indonesia
3417	2023-09-14	10:41:20	8.9243 S	111.1704 E	10 km	2.9	Java, Indonesia
3418	2023-09-14	15:18:02	7.8177 S	110.3683 E	10 km	2.0	Java, Indonesia
3419	2023-09-14	16:10:39	9.2271 S	112.8608 E	12 km	2.7	South of Java, Indonesia
3420	2023-09-14	16:41:15	8.8313 S	111.4201 E	10 km	2.7	Java, Indonesia
3421	2023-09-14	16:43:30	8.0391 S	111.6774 E	10 km	1.2	Java, Indonesia
3422	2023-09-14	18:44:03	7.9939 S	110.5622 E	12 km	1.4	Java, Indonesia
3423	2023-09-14	21:54:41	8.2096 S	111.2180 E	10 km	1.9	Java, Indonesia
3424	2023-09-14	22:48:24	9.4034 S	112.9591 E	0 km	3.2	South of Java, Indonesia
3425	2023-09-14	23:44:45	9.3239 S	113.8772 E	10 km	3.8	South of Java, Indonesia
3426	2023-09-14	23:57:39	9.4367 S	112.7491 E	10 km	3.6	South of Java, Indonesia
3427	2023-09-15	00:20:17	9.5762 S	112.9028 E	10 km	3.1	South of Java, Indonesia
3428	2023-09-15	04:05:22	8.6459 S	110.2640 E	104 km	3.0	Java, Indonesia
3429	2023-09-15	05:04:31	10.5317 S	113.2044 E	10 km	3.6	South of Java, Indonesia
3430	2023-09-15	05:34:59	9.5364 S	110.3905 E	10 km	3.4	South of Java, Indonesia
3431	2023-09-15	09:42:16	8.9687 S	110.7381 E	10 km	3.0	Java, Indonesia
3432	2023-09-15	11:02:58	8.4542 S	110.7882 E	9 km	2.7	Java, Indonesia
3433	2023-09-15	12:11:31	8.8211 S	112.0262 E	78 km	2.5	Java, Indonesia
3434	2023-09-15	12:58:39	8.8579 S	111.8590 E	10 km	2.9	Java, Indonesia
3435	2023-09-15	19:18:54	9.0448 S	110.2949 E	8 km	3.5	South of Java, Indonesia
3436	2023-09-16	01:41:26	7.8084 S	112.0381 E	19 km	2.4	Java, Indonesia
3437	2023-09-16	03:01:34	9.2966 S	114.0365 E	30 km	3.2	South of Bali, Indonesia
3438	2023-09-16	04:06:18	8.3310 S	111.1849 E	14 km	3.2	Java, Indonesia
3439	2023-09-16	04:13:58	7.9893 S	110.8786 E	110 km	2.4	Java, Indonesia
3440	2023-09-16	06:11:05	7.4434 S	109.8606 E	22 km	2.1	Java, Indonesia
3441	2023-09-16	08:09:50	8.8551 S	109.8957 E	27 km	3.1	Java, Indonesia
3442	2023-09-16	14:57:51	8.5969 S	110.6002 E	17 km	3.0	Java, Indonesia
3443	2023-09-16	16:31:53	8.9604 S	111.9806 E	8 km	3.4	Java, Indonesia
3444	2023-09-16	19:06:17	8.9646 S	111.9635 E	10 km	2.8	Java, Indonesia

3445	2023-09-16	19:25:22	6.6195 S	110.9451 E	2 km	2.9	Java, Indonesia
3446	2023-09-16	20:11:00	8.5742 S	113.0424 E	92 km	2.4	Java, Indonesia
3447	2023-09-17	03:12:18	9.0939 S	110.2719 E	22 km	2.7	South of Java, Indonesia
3448	2023-09-17	07:51:43	8.7864 S	111.0839 E	29 km	2.7	Java, Indonesia
3449	2023-09-17	12:12:30	8.4477 S	110.2866 E	70 km	2.7	Java, Indonesia
3450	2023-09-17	13:12:58	8.4761 S	110.3820 E	18 km	2.5	Java, Indonesia
3451	2023-09-17	13:59:56	8.0393 S	110.6262 E	19 km	2.0	Java, Indonesia
3452	2023-09-17	14:48:17	8.8598 S	111.9295 E	35 km	2.8	Java, Indonesia
3453	2023-09-17	14:54:03	9.2092 S	109.7772 E	8 km	3.4	South of Java, Indonesia
3454	2023-09-17	17:32:17	8.4546 S	112.1996 E	109 km	3.9	Java, Indonesia
3455	2023-09-17	20:24:14	7.8262 S	112.1387 E	5 km	1.9	Java, Indonesia
3456	2023-09-18	01:50:33	8.7423 S	112.3092 E	10 km	2.8	Java, Indonesia
3457	2023-09-18	08:45:45	8.9306 S	113.3278 E	45 km	3.0	Java, Indonesia
3458	2023-09-18	15:54:45	8.7538 S	111.0826 E	36 km	3.5	Java, Indonesia
3459	2023-09-18	17:57:06	9.1851 S	112.0233 E	10 km	2.8	South of Java, Indonesia
3460	2023-09-18	20:12:58	8.5198 S	109.1542 E	10 km	4.0	Java, Indonesia
3461	2023-09-18	20:48:25	9.2642 S	114.2656 E	10 km	2.6	South of Bali, Indonesia
3462	2023-09-18	22:21:54	8.9561 S	110.1758 E	10 km	2.9	Java, Indonesia
3463	2023-09-18	22:35:28	8.8365 S	111.3678 E	67 km	2.8	Java, Indonesia
3464	2023-09-18	22:40:28	8.5641 S	110.0883 E	28 km	2.8	Java, Indonesia
3465	2023-09-19	00:32:09	8.3280 S	110.3767 E	10 km	2.6	Java, Indonesia
3466	2023-09-19	01:12:43	8.1438 S	110.6062 E	150 km	2.1	Java, Indonesia
3467	2023-09-19	04:20:54	8.8902 S	112.9036 E	19 km	2.7	Java, Indonesia
3468	2023-09-19	05:38:06	9.2335 S	113.5266 E	10 km	3.1	South of Java, Indonesia
3469	2023-09-19	06:08:55	7.2690 S	109.8775 E	33 km	2.1	Java, Indonesia
3470	2023-09-19	06:18:12	8.6049 S	110.5818 E	10 km	2.6	Java, Indonesia
3471	2023-09-19	06:42:44	8.3085 S	110.3272 E	14 km	2.3	Java, Indonesia
3472	2023-09-19	11:26:45	8.8939 S	110.1096 E	35 km	3.1	Java, Indonesia
3473	2023-09-19	11:47:19	8.2692 S	110.3897 E	11 km	2.4	Java, Indonesia
3474	2023-09-19	11:51:47	9.6540 S	108.3229 E	23 km	3.7	South of Java, Indonesia

3475	2023-09-19	13:30:53	10.4866 S	111.9065 E	183 km	3.6	South of Java, Indonesia
3476	2023-09-19	15:30:28	9.1117 S	112.8184 E	10 km	2.9	South of Java, Indonesia
3477	2023-09-19	16:14:59	8.0990 S	114.1743 E	10 km	2.7	Bali Region, Indonesia
3478	2023-09-19	16:27:47	8.7821 S	109.4437 E	10 km	2.9	Java, Indonesia
3479	2023-09-19	17:27:36	8.9636 S	110.4526 E	10 km	2.7	Java, Indonesia
3480	2023-09-19	17:45:18	7.8808 S	110.7515 E	10 km	1.7	Java, Indonesia
3481	2023-09-19	18:36:00	8.7796 S	108.8729 E	10 km	2.9	Java, Indonesia
3482	2023-09-19	18:55:24	9.3548 S	113.9747 E	10 km	2.9	South of Java, Indonesia
3483	2023-09-19	19:22:52	9.0431 S	111.6516 E	10 km	2.6	South of Java, Indonesia
3484	2023-09-19	20:09:35	9.1302 S	112.3209 E	20 km	4.1	South of Java, Indonesia
3485	2023-09-20	00:47:23	9.1274 S	111.9631 E	10 km	3.0	South of Java, Indonesia
3486	2023-09-20	02:54:09	8.2633 S	110.2116 E	44 km	2.5	Java, Indonesia
3487	2023-09-20	04:17:18	8.0414 S	109.6747 E	10 km	2.8	Java, Indonesia
3488	2023-09-20	04:37:09	8.3366 S	110.3546 E	7 km	2.7	Java, Indonesia
3489	2023-09-20	05:27:07	8.7119 S	111.1964 E	10 km	2.6	Java, Indonesia
3490	2023-09-20	09:19:13	8.8919 S	113.6588 E	37 km	3.0	Java, Indonesia
3491	2023-09-20	10:21:22	9.1522 S	113.2603 E	10 km	2.7	South of Java, Indonesia
3492	2023-09-20	10:43:34	8.7156 S	110.4298 E	80 km	2.9	Java, Indonesia
3493	2023-09-20	13:04:15	8.6997 S	111.6868 E	23 km	2.7	Java, Indonesia
3494	2023-09-20	13:58:40	8.8713 S	113.2267 E	93 km	2.6	Java, Indonesia
3495	2023-09-20	16:07:19	8.7015 S	110.0546 E	21 km	2.6	Java, Indonesia
3496	2023-09-20	17:00:18	9.4311 S	113.8502 E	10 km	2.4	South of Java, Indonesia
3497	2023-09-20	18:01:35	7.8700 S	111.9440 E	14 km	2.6	Java, Indonesia
3498	2023-09-20	18:30:07	8.3123 S	110.4128 E	13 km	2.4	Java, Indonesia
3499	2023-09-20	19:24:37	7.8738 S	111.8879 E	21 km	1.7	Java, Indonesia
3500	2023-09-21	03:10:12	8.7807 S	110.8937 E	19 km	2.7	Java, Indonesia
3501	2023-09-21	05:08:06	9.5725 S	110.2179 E	10 km	3.3	South of Java, Indonesia
3502	2023-09-21	05:35:11	7.8954 S	110.4942 E	17 km	1.5	Java, Indonesia
3503	2023-09-21	06:29:36	9.4044 S	115.0922 E	28 km	3.3	South of Bali, Indonesia
3504	2023-09-21	09:10:18	8.6296 S	113.7003 E	99 km	2.7	Java, Indonesia

3505	2023-09-21	09:23:09	9.5752 S	114.0062 E	10 km	3.0	South of Bali, Indonesia
3506	2023-09-21	10:36:30	7.9922 S	110.5620 E	7 km	1.3	Java, Indonesia
3507	2023-09-21	12:28:03	7.9906 S	110.6054 E	10 km	1.4	Java, Indonesia
3508	2023-09-21	14:29:10	8.6230 S	110.9607 E	51 km	2.4	Java, Indonesia
3509	2023-09-21	15:30:37	8.3809 S	113.4700 E	23 km	2.4	Java, Indonesia
3510	2023-09-21	15:41:03	7.4368 S	109.0279 E	24 km	2.1	Java, Indonesia
3511	2023-09-21	22:11:21	9.3342 S	114.0225 E	29 km	2.7	South of Bali, Indonesia
3512	2023-09-21	22:18:50	8.7401 S	115.3169 E	91 km	2.3	Bali Region, Indonesia
3513	2023-09-22	01:29:42	8.4071 S	109.1368 E	10 km	2.5	Java, Indonesia
3514	2023-09-22	03:06:40	9.3090 S	111.5386 E	10 km	2.9	South of Java, Indonesia
3515	2023-09-22	08:27:44	10.7036 S	111.8719 E	10 km	3.9	South of Java, Indonesia
3516	2023-09-22	10:40:45	9.0173 S	112.9765 E	10 km	3.1	South of Java, Indonesia
3517	2023-09-22	11:34:10	8.9393 S	110.3810 E	111 km	2.8	Java, Indonesia
3518	2023-09-22	13:10:51	8.2276 S	110.6908 E	99 km	2.0	Java, Indonesia
3519	2023-09-22	14:53:11	8.7159 S	111.3433 E	30 km	2.7	Java, Indonesia
3520	2023-09-22	16:06:55	8.0249 S	109.7867 E	65 km	2.6	Java, Indonesia
3521	2023-09-22	17:23:05	7.7908 S	110.9336 E	2 km	2.2	Java, Indonesia
3522	2023-09-22	20:11:42	8.4981 S	109.1810 E	45 km	2.8	Java, Indonesia
3523	2023-09-22	22:46:24	8.7866 S	111.3630 E	79 km	2.8	Java, Indonesia
3524	2023-09-22	23:16:18	9.4117 S	113.5231 E	20 km	2.6	South of Java, Indonesia
3525	2023-09-22	23:53:46	8.7011 S	111.4819 E	12 km	2.5	Java, Indonesia
3526	2023-09-23	02:07:35	7.8723 S	110.3579 E	4 km	1.4	Java, Indonesia
3527	2023-09-23	02:57:58	9.3614 S	113.9189 E	10 km	2.9	South of Java, Indonesia
3528	2023-09-23	05:18:45	8.4254 S	108.7950 E	69 km	2.7	Java, Indonesia
3529	2023-09-23	05:43:31	8.6576 S	110.4154 E	10 km	2.6	Java, Indonesia
3530	2023-09-23	06:07:12	7.9313 S	110.4684 E	6 km	1.6	Java, Indonesia
3531	2023-09-23	06:47:33	8.0231 S	110.0159 E	10 km	2.4	Java, Indonesia
3532	2023-09-23	07:53:37	8.8431 S	111.6046 E	19 km	2.7	Java, Indonesia
3533	2023-09-23	11:54:50	9.3378 S	113.9351 E	13 km	2.7	South of Java, Indonesia
3534	2023-09-23	12:45:35	7.0786 S	109.8218 E	26 km	2.3	Java, Indonesia

3535	2023-09-23	12:51:11	8.7349 S	110.5208 E	19 km	2.9	Java, Indonesia
3536	2023-09-23	14:57:36	7.7380 S	110.2634 E	0 km	2.0	Java, Indonesia
3537	2023-09-23	15:57:17	7.2037 S	111.8596 E	93 km	2.9	Java, Indonesia
3538	2023-09-23	16:17:55	9.1736 S	113.4485 E	20 km	2.9	South of Java, Indonesia
3539	2023-09-23	16:39:36	8.7229 S	113.1390 E	10 km	2.6	Java, Indonesia
3540	2023-09-23	17:56:43	7.8465 S	110.7590 E	22 km	2.2	Java, Indonesia
3541	2023-09-23	18:27:43	7.6641 S	111.8662 E	1 km	3.1	Java, Indonesia
3542	2023-09-23	19:19:34	8.0369 S	110.5484 E	5 km	1.5	Java, Indonesia
3543	2023-09-23	19:23:21	8.0858 S	110.5667 E	10 km	1.3	Java, Indonesia
3544	2023-09-23	19:52:13	8.6997 S	110.3569 E	13 km	2.6	Java, Indonesia
3545	2023-09-23	20:32:10	9.1012 S	113.7895 E	29 km	2.4	South of Java, Indonesia
3546	2023-09-23	20:41:48	9.4626 S	114.9649 E	33 km	2.6	South of Bali, Indonesia
3547	2023-09-23	20:47:35	7.9344 S	110.3489 E	10 km	1.4	Java, Indonesia
3548	2023-09-24	00:45:13	8.7070 S	111.2867 E	22 km	3.2	Java, Indonesia
3549	2023-09-24	02:09:13	8.8518 S	110.2856 E	10 km	2.9	Java, Indonesia
3550	2023-09-24	03:25:03	8.2386 S	108.7640 E	62 km	2.5	Java, Indonesia
3551	2023-09-24	03:28:48	8.3666 S	109.2121 E	10 km	2.8	Java, Indonesia
3552	2023-09-24	06:29:52	7.9653 S	110.3496 E	12 km	1.7	Java, Indonesia
3553	2023-09-24	07:33:51	8.9602 S	110.5452 E	10 km	2.8	Java, Indonesia
3554	2023-09-24	08:44:19	8.6926 S	111.2649 E	85 km	2.9	Java, Indonesia
3555	2023-09-24	13:53:19	8.1618 S	111.1126 E	11 km	2.0	Java, Indonesia
3556	2023-09-24	14:12:23	8.1400 S	109.7706 E	28 km	2.6	Java, Indonesia
3557	2023-09-24	14:25:31	8.0154 S	110.5483 E	10 km	1.2	Java, Indonesia
3558	2023-09-24	16:20:34	7.9812 S	110.4021 E	10 km	1.2	Java, Indonesia
3559	2023-09-24	18:00:42	8.9333 S	111.1756 E	10 km	2.7	Java, Indonesia
3560	2023-09-24	22:18:18	9.3613 S	110.6945 E	10 km	3.2	South of Java, Indonesia
3561	2023-09-25	00:24:17	8.9294 S	110.2120 E	55 km	2.9	Java, Indonesia
3562	2023-09-25	00:36:31	8.5341 S	114.8506 E	98 km	2.4	Bali Region, Indonesia
3563	2023-09-25	03:36:43	7.9427 S	110.3218 E	10 km	1.6	Java, Indonesia
3564	2023-09-25	04:33:45	8.9227 S	110.3644 E	58 km	2.7	Java, Indonesia

3565	2023-09-25	05:33:30	9.0111 S	111.2644 E	10 km	2.8	South of Java, Indonesia
3566	2023-09-25	09:16:32	9.0115 S	111.3074 E	6 km	3.5	South of Java, Indonesia
3567	2023-09-25	09:46:59	10.9558 S	112.2641 E	10 km	3.8	South of Java, Indonesia
3568	2023-09-25	10:09:42	8.8892 S	110.3620 E	6 km	3.6	Java, Indonesia
3569	2023-09-25	10:46:45	8.1530 S	108.4604 E	36 km	2.8	Java, Indonesia
3570	2023-09-25	11:45:21	8.8341 S	112.5139 E	33 km	3.0	Java, Indonesia
3571	2023-09-25	13:09:38	8.3509 S	111.4732 E	133 km	2.3	Java, Indonesia
3572	2023-09-25	14:17:32	8.9594 S	110.8461 E	10 km	2.6	Java, Indonesia
3573	2023-09-25	14:30:00	8.9059 S	111.2133 E	10 km	2.7	Java, Indonesia
3574	2023-09-25	15:13:53	9.2071 S	113.1256 E	10 km	2.9	South of Java, Indonesia
3575	2023-09-25	16:00:40	8.9487 S	113.0527 E	80 km	2.4	Java, Indonesia
3576	2023-09-25	16:23:44	8.6542 S	112.5680 E	115 km	3.4	Java, Indonesia
3577	2023-09-25	18:41:21	9.1576 S	110.3571 E	5 km	3.5	South of Java, Indonesia
3578	2023-09-25	21:45:56	8.9258 S	110.9127 E	11 km	2.8	Java, Indonesia
3579	2023-09-26	00:08:13	8.2961 S	110.2553 E	24 km	2.4	Java, Indonesia
3580	2023-09-26	00:12:12	8.0403 S	110.5517 E	130 km	1.6	Java, Indonesia
3581	2023-09-26	02:01:48	8.8445 S	111.1811 E	21 km	2.8	Java, Indonesia
3582	2023-09-26	03:01:18	8.7738 S	112.1440 E	22 km	3.1	Java, Indonesia
3583	2023-09-26	04:35:21	8.6351 S	109.8942 E	37 km	2.8	Java, Indonesia
3584	2023-09-26	05:27:25	8.2180 S	111.1134 E	15 km	2.3	Java, Indonesia
3585	2023-09-26	08:36:28	6.8219 S	111.3196 E	27 km	2.7	Java, Indonesia
3586	2023-09-26	10:47:07	9.1878 S	110.3153 E	77 km	3.0	South of Java, Indonesia
3587	2023-09-26	11:08:38	7.9477 S	110.4962 E	21 km	1.4	Java, Indonesia
3588	2023-09-26	12:21:45	9.2205 S	110.4863 E	10 km	3.0	South of Java, Indonesia
3589	2023-09-26	13:41:22	8.6123 S	110.0261 E	37 km	2.6	Java, Indonesia
3590	2023-09-26	15:16:26	8.7723 S	110.2831 E	21 km	2.7	Java, Indonesia
3591	2023-09-26	15:45:56	8.3060 S	110.2929 E	10 km	2.3	Java, Indonesia
3592	2023-09-26	21:07:57	9.2350 S	113.8298 E	16 km	3.0	South of Java, Indonesia
3593	2023-09-26	21:17:32	8.8827 S	111.2731 E	82 km	2.6	Java, Indonesia
3594	2023-09-26	22:13:59	9.1549 S	110.6360 E	8 km	2.9	South of Java, Indonesia

3595	2023-09-26	22:28:24	8.7472 S	111.0647 E	36 km	3.6	Java, Indonesia
3596	2023-09-26	22:55:44	8.6170 S	112.2017 E	21 km	3.0	Java, Indonesia
3597	2023-09-27	01:09:55	7.9296 S	110.4794 E	19 km	1.3	Java, Indonesia
3598	2023-09-27	03:08:48	8.4394 S	111.1369 E	14 km	2.7	Java, Indonesia
3599	2023-09-27	03:40:28	8.2117 S	110.2799 E	56 km	2.4	Java, Indonesia
3600	2023-09-27	05:21:31	8.4903 S	110.0537 E	40 km	2.7	Java, Indonesia
3601	2023-09-27	07:49:26	8.2946 S	108.3797 E	6 km	3.1	Java, Indonesia
3602	2023-09-27	11:56:47	9.9753 S	114.6040 E	10 km	3.2	South of Bali, Indonesia
3603	2023-09-27	13:38:37	7.9568 S	110.5468 E	10 km	1.2	Java, Indonesia
3604	2023-09-27	14:44:51	8.4986 S	110.6608 E	10 km	2.8	Java, Indonesia
3605	2023-09-27	18:05:04	8.5997 S	108.9517 E	5 km	3.4	Java, Indonesia
3606	2023-09-27	18:19:16	7.0967 S	109.9485 E	9 km	2.5	Java, Indonesia
3607	2023-09-27	18:43:26	7.1570 S	109.6209 E	258 km	2.4	Java, Indonesia
3608	2023-09-27	20:25:14	8.6833 S	110.2743 E	28 km	2.7	Java, Indonesia
3609	2023-09-27	22:05:38	9.1739 S	113.5912 E	119 km	3.1	South of Java, Indonesia
3610	2023-09-27	23:08:35	8.3309 S	110.3362 E	12 km	2.4	Java, Indonesia
3611	2023-09-28	01:08:07	8.7755 S	110.5627 E	42 km	2.8	Java, Indonesia
3612	2023-09-28	04:28:54	8.7907 S	110.8735 E	27 km	2.8	Java, Indonesia
3613	2023-09-28	06:31:53	7.4507 S	111.7557 E	147 km	2.1	Java, Indonesia
3614	2023-09-28	06:45:36	7.5828 S	110.5930 E	14 km	2.2	Java, Indonesia
3615	2023-09-28	08:02:47	9.4554 S	114.0732 E	7 km	3.1	South of Bali, Indonesia
3616	2023-09-28	11:07:29	8.4219 S	109.0124 E	10 km	3.6	Java, Indonesia
3617	2023-09-28	11:53:20	8.8980 S	112.1166 E	35 km	3.4	Java, Indonesia
3618	2023-09-28	13:29:29	7.9202 S	110.4579 E	9 km	1.4	Java, Indonesia
3619	2023-09-28	14:03:34	8.6819 S	110.0847 E	19 km	2.7	Java, Indonesia
3620	2023-09-28	16:31:32	7.3630 S	111.3074 E	27 km	2.3	Java, Indonesia
3621	2023-09-28	16:54:33	7.6742 S	111.5496 E	7 km	2.2	Java, Indonesia
3622	2023-09-28	17:19:19	8.3962 S	110.9502 E	170 km	2.3	Java, Indonesia
3623	2023-09-28	18:43:29	10.1234 S	111.9179 E	226 km	3.3	South of Java, Indonesia
3624	2023-09-28	19:17:58	8.0163 S	114.1438 E	12 km	2.1	Bali Region, Indonesia

3625	2023-09-28	23:01:00	8.7420 S	111.1941 E	22 km	2.6	Java, Indonesia
3626	2023-09-28	23:21:41	10.6060 S	113.3032 E	10 km	4.2	South of Java, Indonesia
3627	2023-09-29	02:29:18	8.8674 S	110.2929 E	16 km	2.8	Java, Indonesia
3628	2023-09-29	02:47:44	9.2595 S	113.9365 E	12 km	2.8	South of Java, Indonesia
3629	2023-09-29	03:22:06	8.3506 S	109.1190 E	15 km	2.8	Java, Indonesia
3630	2023-09-29	05:36:18	8.9991 S	111.2509 E	28 km	2.8	Java, Indonesia
3631	2023-09-29	10:24:37	7.8308 S	108.9994 E	92 km	2.6	Java, Indonesia
3632	2023-09-29	12:51:25	8.8726 S	109.8334 E	27 km	2.9	Java, Indonesia
3633	2023-09-29	15:06:57	7.3695 S	109.4934 E	17 km	2.1	Java, Indonesia
3634	2023-09-29	16:00:05	8.9939 S	110.5490 E	10 km	2.8	Java, Indonesia
3635	2023-09-29	16:29:00	8.8311 S	110.8005 E	11 km	2.6	Java, Indonesia
3636	2023-09-29	16:57:38	8.3461 S	110.2456 E	13 km	2.5	Java, Indonesia
3637	2023-09-29	17:19:08	8.5888 S	109.9044 E	15 km	2.7	Java, Indonesia
3638	2023-09-29	18:18:59	9.3208 S	113.4140 E	21 km	3.2	South of Java, Indonesia
3639	2023-09-29	18:48:45	8.6366 S	110.2088 E	10 km	2.6	Java, Indonesia
3640	2023-09-29	19:04:45	8.3732 S	108.8253 E	10 km	2.7	Java, Indonesia
3641	2023-09-29	19:20:25	8.0976 S	111.3366 E	12 km	2.4	Java, Indonesia
3642	2023-09-29	21:34:14	8.9145 S	111.0378 E	17 km	2.6	Java, Indonesia
3643	2023-09-29	22:27:31	9.4174 S	113.9832 E	13 km	3.6	South of Java, Indonesia
3644	2023-09-29	23:29:54	8.3991 S	110.0051 E	10 km	2.8	Java, Indonesia
3645	2023-09-30	00:51:27	7.7673 S	110.3119 E	21 km	1.7	Java, Indonesia
3646	2023-09-30	03:50:46	9.6500 S	111.4346 E	10 km	3.2	South of Java, Indonesia
3647	2023-09-30	05:25:17	8.3884 S	110.7044 E	13 km	2.3	Java, Indonesia
3648	2023-09-30	06:24:30	8.7758 S	109.7046 E	10 km	2.7	Java, Indonesia
3649	2023-09-30	12:21:20	10.2586 S	112.0730 E	131 km	3.6	South of Java, Indonesia
3650	2023-09-30	13:30:28	8.5844 S	110.0618 E	11 km	2.7	Java, Indonesia
3651	2023-09-30	15:28:56	10.5935 S	113.2686 E	10 km	3.6	South of Java, Indonesia
3652	2023-09-30	15:38:43	8.7915 S	109.8262 E	43 km	2.8	Java, Indonesia
3653	2023-09-30	17:29:20	7.4362 S	114.3823 E	10 km	2.6	Bali Sea
3654	2023-09-30	17:34:28	8.4030 S	111.5314 E	258 km	2.5	Java, Indonesia

3655	2023-09-30	18:36:14	9.2669 S	111.7406 E	10 km	3.6	South of Java, Indonesia
3656	2023-09-30	19:28:18	8.4998 S	111.5572 E	11 km	2.5	Java, Indonesia
3657	2023-09-30	19:30:59	8.1040 S	113.7426 E	4 km	2.3	Java, Indonesia
3658	2023-09-30	19:46:57	10.6404 S	113.2735 E	10 km	3.6	South of Java, Indonesia
3659	2023-09-30	19:50:11	10.6254 S	113.2790 E	10 km	3.6	South of Java, Indonesia
3660	2023-09-30	20:56:39	8.8128 S	114.4929 E	82 km	4.6	Bali Region, Indonesia
3661	2023-10-01	00:18:44	10.4317 S	113.0438 E	10 km	5.0	South of Java, Indonesia
3662	2023-10-01	01:02:27	8.1285 S	109.0756 E	91 km	2.5	Java, Indonesia
3663	2023-10-01	01:46:04	10.2808 S	113.1380 E	10 km	3.5	South of Java, Indonesia
3664	2023-10-01	02:14:50	7.7565 S	111.3503 E	8 km	2.3	Java, Indonesia
3665	2023-10-01	02:56:45	10.3052 S	113.0797 E	10 km	3.1	South of Java, Indonesia
3666	2023-10-01	03:42:00	10.0831 S	113.0510 E	10 km	3.5	South of Java, Indonesia
3667	2023-10-01	05:06:20	8.2333 S	112.3212 E	108 km	2.7	Java, Indonesia
3668	2023-10-01	06:18:38	8.2873 S	110.2678 E	27 km	2.2	Java, Indonesia
3669	2023-10-01	07:40:51	10.3431 S	113.0784 E	137 km	3.6	South of Java, Indonesia
3670	2023-10-01	11:26:02	9.2896 S	111.2993 E	43 km	2.9	South of Java, Indonesia
3671	2023-10-01	12:03:32	7.9135 S	110.4876 E	14 km	1.3	Java, Indonesia
3672	2023-10-01	12:59:13	8.2780 S	111.6216 E	114 km	2.5	Java, Indonesia
3673	2023-10-01	13:02:04	9.1600 S	113.1749 E	10 km	3.1	South of Java, Indonesia
3674	2023-10-01	13:06:59	8.7223 S	110.2278 E	11 km	2.5	Java, Indonesia
3675	2023-10-01	13:48:57	9.1881 S	112.7773 E	18 km	2.7	South of Java, Indonesia
3676	2023-10-01	13:56:40	7.2102 S	109.7960 E	17 km	1.9	Java, Indonesia
3677	2023-10-01	14:10:29	7.9162 S	110.4846 E	12 km	1.4	Java, Indonesia
3678	2023-10-01	14:18:16	8.2746 S	110.6169 E	14 km	2.0	Java, Indonesia
3679	2023-10-01	14:58:08	9.2767 S	113.6749 E	10 km	2.6	South of Java, Indonesia
3680	2023-10-01	15:41:54	11.3910 S	113.1976 E	30 km	3.7	South of Java, Indonesia
3681	2023-10-01	16:46:19	8.6330 S	110.6032 E	40 km	2.7	Java, Indonesia
3682	2023-10-01	17:24:53	7.2033 S	109.8010 E	26 km	1.9	Java, Indonesia
3683	2023-10-01	17:30:45	10.4833 S	110.5411 E	10 km	3.4	South of Java, Indonesia
3684	2023-10-01	19:49:40	9.9211 S	109.1056 E	10 km	3.4	South of Java, Indonesia

3685	2023-10-02	00:17:46	7.9020 S	110.4769 E	14 km	1.4	Java, Indonesia
3686	2023-10-02	01:46:37	8.4641 S	110.1955 E	31 km	2.0	Java, Indonesia
3687	2023-10-02	02:30:53	8.3650 S	108.2638 E	7 km	3.4	Java, Indonesia
3688	2023-10-02	03:36:42	8.9387 S	110.0246 E	10 km	2.7	Java, Indonesia
3689	2023-10-02	04:08:07	7.9279 S	110.4895 E	14 km	2.1	Java, Indonesia
3690	2023-10-02	05:11:54	8.0520 S	110.4885 E	36 km	1.3	Java, Indonesia
3691	2023-10-02	08:20:12	7.5956 S	111.1313 E	10 km	2.5	Java, Indonesia
3692	2023-10-02	08:41:34	10.3876 S	111.7039 E	10 km	3.5	South of Java, Indonesia
3693	2023-10-02	12:45:43	8.6847 S	109.5484 E	10 km	2.6	Java, Indonesia
3694	2023-10-02	13:08:28	7.9780 S	110.5030 E	31 km	1.5	Java, Indonesia
3695	2023-10-02	14:24:27	8.3806 S	110.2093 E	10 km	2.3	Java, Indonesia
3696	2023-10-02	14:38:30	8.2565 S	110.2202 E	11 km	2.4	Java, Indonesia
3697	2023-10-02	15:32:24	7.9132 S	110.4674 E	11 km	1.6	Java, Indonesia
3698	2023-10-02	15:38:48	7.9150 S	110.4802 E	16 km	1.5	Java, Indonesia
3699	2023-10-02	15:52:25	7.9414 S	110.5072 E	22 km	1.1	Java, Indonesia
3700	2023-10-02	20:02:07	8.3116 S	112.1346 E	131 km	2.8	Java, Indonesia
3701	2023-10-02	20:58:05	9.0676 S	113.5039 E	14 km	2.4	South of Java, Indonesia
3702	2023-10-02	22:11:50	8.4672 S	109.2712 E	30 km	2.8	Java, Indonesia
3703	2023-10-03	03:23:51	9.0258 S	110.6994 E	8 km	2.8	South of Java, Indonesia
3704	2023-10-03	04:51:15	8.3746 S	113.8954 E	9 km	2.3	Java, Indonesia
3705	2023-10-03	11:17:38	8.9354 S	112.8666 E	30 km	3.5	Java, Indonesia
3706	2023-10-03	11:32:54	9.2049 S	114.4944 E	23 km	4.3	South of Bali, Indonesia
3707	2023-10-03	12:35:10	8.5273 S	111.3676 E	11 km	2.6	Java, Indonesia
3708	2023-10-03	12:41:27	8.6196 S	108.8548 E	9 km	2.6	Java, Indonesia
3709	2023-10-03	13:45:20	8.9442 S	110.3619 E	11 km	3.0	Java, Indonesia
3710	2023-10-03	14:07:06	8.6510 S	110.7784 E	41 km	2.5	Java, Indonesia
3711	2023-10-03	14:13:05	7.9476 S	110.4291 E	11 km	1.4	Java, Indonesia
3712	2023-10-03	15:14:17	7.9849 S	110.4884 E	10 km	1.0	Java, Indonesia
3713	2023-10-03	15:28:36	7.9397 S	110.5588 E	22 km	1.4	Java, Indonesia
3714	2023-10-03	15:47:52	8.6446 S	111.5689 E	10 km	3.0	Java, Indonesia

3715	2023-10-03	15:55:16	8.3986 S	115.7902 E	30 km	2.9	Bali Region, Indonesia
3716	2023-10-03	16:28:38	7.5186 S	109.0512 E	27 km	2.2	Java, Indonesia
3717	2023-10-03	18:25:23	7.8924 S	110.3608 E	10 km	1.5	Java, Indonesia
3718	2023-10-03	19:02:48	8.0318 S	110.3832 E	10 km	1.7	Java, Indonesia
3719	2023-10-03	21:14:34	10.6443 S	113.6446 E	10 km	3.3	South of Java, Indonesia
3720	2023-10-03	21:58:28	8.2002 S	110.5819 E	67 km	2.2	Java, Indonesia
3721	2023-10-03	22:18:36	7.8109 S	108.6114 E	11 km	3.0	Java, Indonesia
3722	2023-10-04	00:55:04	8.8815 S	108.6484 E	14 km	3.0	Java, Indonesia
3723	2023-10-04	01:11:54	8.3355 S	110.9016 E	10 km	2.4	Java, Indonesia
3724	2023-10-04	03:39:21	8.5154 S	111.0117 E	78 km	2.6	Java, Indonesia
3725	2023-10-04	08:54:25	8.7286 S	111.4507 E	22 km	3.0	Java, Indonesia
3726	2023-10-04	09:20:48	8.6101 S	109.9621 E	21 km	2.6	Java, Indonesia
3727	2023-10-04	10:20:54	9.0093 S	111.2371 E	90 km	3.2	South of Java, Indonesia
3728	2023-10-04	11:37:39	7.6976 S	109.4786 E	107 km	2.8	Java, Indonesia
3729	2023-10-04	12:49:40	8.9054 S	111.1558 E	20 km	2.8	Java, Indonesia
3730	2023-10-04	13:17:51	8.2577 S	110.7138 E	67 km	2.1	Java, Indonesia
3731	2023-10-04	14:50:22	8.2912 S	110.3965 E	15 km	2.3	Java, Indonesia
3732	2023-10-04	16:17:24	8.4780 S	110.7917 E	12 km	2.6	Java, Indonesia
3733	2023-10-04	16:30:25	8.9318 S	110.8425 E	67 km	3.9	Java, Indonesia
3734	2023-10-04	17:38:39	8.3333 S	111.8190 E	110 km	3.0	Java, Indonesia
3735	2023-10-04	20:23:10	10.2640 S	113.0538 E	10 km	3.7	South of Java, Indonesia
3736	2023-10-04	22:59:05	8.8131 S	110.9848 E	27 km	2.8	Java, Indonesia
3737	2023-10-04	23:34:48	8.7080 S	111.1499 E	44 km	2.8	Java, Indonesia
3738	2023-10-04	23:54:05	7.5080 S	111.6244 E	10 km	3.0	Java, Indonesia
3739	2023-10-05	02:50:11	9.1046 S	110.1182 E	10 km	2.9	South of Java, Indonesia
3740	2023-10-05	03:15:44	8.9723 S	109.8753 E	20 km	3.2	Java, Indonesia
3741	2023-10-05	09:46:42	8.9849 S	110.5222 E	48 km	2.9	Java, Indonesia
3742	2023-10-05	10:23:30	8.4394 S	108.2305 E	10 km	3.4	Java, Indonesia
3743	2023-10-05	11:42:04	9.1037 S	113.4653 E	25 km	2.7	South of Java, Indonesia
3744	2023-10-05	11:47:13	8.6174 S	110.1914 E	10 km	2.7	Java, Indonesia

3745	2023-10-05	13:40:37	8.9658 S	110.3494 E	10 km	2.8	Java, Indonesia
3746	2023-10-05	13:49:22	9.0531 S	110.3441 E	5 km	2.9	South of Java, Indonesia
3747	2023-10-05	14:49:38	9.1825 S	110.3399 E	10 km	3.1	South of Java, Indonesia
3748	2023-10-05	15:00:02	9.0562 S	110.4012 E	10 km	3.1	South of Java, Indonesia
3749	2023-10-05	15:06:53	9.0109 S	110.3884 E	10 km	2.8	South of Java, Indonesia
3750	2023-10-05	15:25:41	8.8496 S	110.7738 E	117 km	2.8	Java, Indonesia
3751	2023-10-05	15:41:56	8.8884 S	110.4875 E	10 km	2.9	Java, Indonesia
3752	2023-10-05	16:23:39	9.2192 S	110.3721 E	10 km	2.8	South of Java, Indonesia
3753	2023-10-05	16:25:19	8.9780 S	110.3489 E	10 km	2.9	Java, Indonesia
3754	2023-10-05	19:57:20	9.0733 S	110.4150 E	8 km	2.9	South of Java, Indonesia
3755	2023-10-05	20:13:31	8.9770 S	110.5294 E	9 km	2.8	Java, Indonesia
3756	2023-10-05	21:57:47	9.1023 S	110.5024 E	63 km	2.7	South of Java, Indonesia
3757	2023-10-05	22:46:44	8.5835 S	111.8915 E	19 km	2.7	Java, Indonesia
3758	2023-10-05	23:38:52	8.6307 S	110.8758 E	28 km	3.5	Java, Indonesia
3759	2023-10-06	00:13:12	8.4197 S	109.1323 E	10 km	2.7	Java, Indonesia
3760	2023-10-06	01:07:38	8.7864 S	112.5855 E	102 km	2.7	Java, Indonesia
3761	2023-10-06	01:55:34	8.4644 S	110.8035 E	12 km	2.5	Java, Indonesia
3762	2023-10-06	02:04:13	9.4144 S	115.2167 E	32 km	2.6	South of Bali, Indonesia
3763	2023-10-06	02:53:00	9.0146 S	110.4148 E	29 km	2.8	South of Java, Indonesia
3764	2023-10-06	03:03:00	9.0240 S	110.5167 E	11 km	2.8	South of Java, Indonesia
3765	2023-10-06	03:11:50	9.0676 S	110.4823 E	0 km	2.8	South of Java, Indonesia
3766	2023-10-06	03:22:50	9.0414 S	110.4677 E	48 km	2.8	South of Java, Indonesia
3767	2023-10-06	03:47:21	8.9519 S	110.2295 E	13 km	2.8	Java, Indonesia
3768	2023-10-06	12:55:16	8.4133 S	111.2773 E	132 km	2.4	Java, Indonesia
3769	2023-10-06	14:21:43	9.3861 S	114.4628 E	15 km	2.6	South of Bali, Indonesia
3770	2023-10-06	16:57:13	8.5039 S	110.3383 E	34 km	2.4	Java, Indonesia
3771	2023-10-06	17:23:14	7.9564 S	110.4788 E	13 km	1.9	Java, Indonesia
3772	2023-10-06	18:01:32	8.3461 S	109.4710 E	42 km	2.9	Java, Indonesia
3773	2023-10-06	18:43:05	8.9217 S	111.8240 E	10 km	2.6	Java, Indonesia
3774	2023-10-06	18:51:32	7.9701 S	110.4015 E	15 km	1.4	Java, Indonesia

3775	2023-10-06	20:43:13	9.4555 S	113.5740 E	14 km	3.1	South of Java, Indonesia
3776	2023-10-06	21:17:16	7.8359 S	111.5688 E	7 km	3.5	Java, Indonesia
3777	2023-10-06	21:37:20	7.8409 S	111.5824 E	8 km	2.8	Java, Indonesia
3778	2023-10-06	21:41:28	8.4479 S	108.7280 E	21 km	3.4	Java, Indonesia
3779	2023-10-06	22:13:51	7.7851 S	111.5639 E	3 km	2.5	Java, Indonesia
3780	2023-10-06	22:45:41	7.8277 S	111.5751 E	4 km	1.7	Java, Indonesia
3781	2023-10-06	23:06:36	9.4097 S	114.4656 E	56 km	3.0	South of Bali, Indonesia
3782	2023-10-06	23:39:19	8.7338 S	111.0762 E	10 km	2.5	Java, Indonesia
3783	2023-10-07	00:28:47	7.7871 S	111.5678 E	7 km	1.8	Java, Indonesia
3784	2023-10-07	14:12:00	9.3561 S	113.9867 E	26 km	3.5	South of Java, Indonesia
3785	2023-10-07	17:25:00	11.5490 S	113.8801 E	30 km	3.7	South of Java, Indonesia
3786	2023-10-07	21:09:29	7.5070 S	110.3895 E	15 km	2.2	Java, Indonesia
3787	2023-10-07	21:14:30	7.6052 S	110.7015 E	28 km	2.0	Java, Indonesia
3788	2023-10-07	21:22:57	8.4319 S	111.4881 E	87 km	2.2	Java, Indonesia
3789	2023-10-07	21:59:49	7.5575 S	110.5861 E	10 km	2.1	Java, Indonesia
3790	2023-10-07	22:10:17	8.9470 S	112.4457 E	15 km	2.9	Java, Indonesia
3791	2023-10-07	23:35:52	8.8750 S	111.0313 E	68 km	3.0	Java, Indonesia
3792	2023-10-08	05:53:46	8.5521 S	111.2995 E	22 km	2.4	Java, Indonesia
3793	2023-10-08	06:14:15	7.9730 S	110.3839 E	15 km	1.5	Java, Indonesia
3794	2023-10-08	07:41:29	8.6740 S	112.5964 E	10 km	2.3	Java, Indonesia
3795	2023-10-08	09:48:39	8.9163 S	113.1108 E	33 km	2.5	Java, Indonesia
3796	2023-10-08	15:44:52	7.2830 S	108.7176 E	4 km	2.3	Java, Indonesia
3797	2023-10-08	16:07:59	8.3548 S	112.7697 E	110 km	2.4	Java, Indonesia
3798	2023-10-08	17:51:26	7.5421 S	111.8017 E	151 km	2.4	Java, Indonesia
3799	2023-10-08	18:46:33	10.5757 S	112.4434 E	10 km	3.7	South of Java, Indonesia
3800	2023-10-08	20:50:45	8.8472 S	111.8958 E	29 km	2.9	Java, Indonesia
3801	2023-10-09	02:03:42	8.5322 S	110.0680 E	45 km	2.6	Java, Indonesia
3802	2023-10-09	03:00:13	8.4674 S	109.3749 E	10 km	2.8	Java, Indonesia
3803	2023-10-09	03:07:45	8.9813 S	110.4795 E	10 km	2.6	Java, Indonesia
3804	2023-10-09	04:06:52	8.5855 S	109.8878 E	10 km	2.5	Java, Indonesia

3805	2023-10-09	04:37:38	8.9726 S	111.2479 E	10 km	2.7	Java, Indonesia
3806	2023-10-09	05:08:51	11.2397 S	111.2684 E	10 km	3.8	South of Java, Indonesia
3807	2023-10-09	05:20:14	9.3489 S	109.2233 E	10 km	3.0	South of Java, Indonesia
3808	2023-10-09	05:25:37	8.8503 S	109.6142 E	12 km	2.7	Java, Indonesia
3809	2023-10-09	05:41:26	9.4475 S	111.4339 E	17 km	2.8	South of Java, Indonesia
3810	2023-10-09	06:20:51	8.1663 S	110.4041 E	10 km	1.7	Java, Indonesia
3811	2023-10-09	06:55:16	9.0051 S	111.2567 E	30 km	2.8	South of Java, Indonesia
3812	2023-10-09	09:20:49	7.9038 S	110.4629 E	11 km	1.2	Java, Indonesia
3813	2023-10-09	10:34:31	8.6952 S	110.0956 E	10 km	2.6	Java, Indonesia
3814	2023-10-09	10:48:45	8.7570 S	109.9419 E	70 km	2.5	Java, Indonesia
3815	2023-10-09	11:10:26	10.0058 S	113.3674 E	75 km	3.3	South of Java, Indonesia
3816	2023-10-09	11:50:43	7.8535 S	110.7468 E	10 km	1.6	Java, Indonesia
3817	2023-10-09	12:36:50	8.1999 S	111.6523 E	120 km	2.9	Java, Indonesia
3818	2023-10-09	13:11:17	8.8369 S	111.1272 E	22 km	3.7	Java, Indonesia
3819	2023-10-09	13:50:41	9.0409 S	112.4554 E	25 km	2.8	South of Java, Indonesia
3820	2023-10-09	14:30:38	8.6406 S	110.3820 E	40 km	2.3	Java, Indonesia
3821	2023-10-09	15:23:52	10.7546 S	113.1662 E	27 km	3.7	South of Java, Indonesia
3822	2023-10-09	16:02:56	8.7942 S	112.4503 E	14 km	2.4	Java, Indonesia
3823	2023-10-09	17:31:31	7.9388 S	108.7512 E	162 km	3.1	Java, Indonesia
3824	2023-10-09	19:29:59	8.4343 S	110.3879 E	75 km	2.3	Java, Indonesia
3825	2023-10-09	19:44:12	7.9879 S	110.4205 E	15 km	1.4	Java, Indonesia
3826	2023-10-09	20:35:22	8.0270 S	114.2209 E	10 km	2.1	Bali Region, Indonesia
3827	2023-10-09	20:43:13	7.4321 S	108.9890 E	185 km	2.7	Java, Indonesia
3828	2023-10-09	21:34:53	7.9426 S	110.5426 E	14 km	1.1	Java, Indonesia
3829	2023-10-09	21:57:26	8.9962 S	111.2008 E	41 km	3.1	Java, Indonesia
3830	2023-10-09	22:09:50	8.8841 S	111.5720 E	22 km	2.6	Java, Indonesia
3831	2023-10-09	23:26:50	8.6965 S	110.3383 E	30 km	3.0	Java, Indonesia
3832	2023-10-09	23:49:47	8.1973 S	109.0577 E	51 km	2.4	Java, Indonesia
3833	2023-10-10	00:00:00	8.3335 S	109.0118 E	39 km	2.4	Java, Indonesia
3834	2023-10-10	01:10:12	8.7847 S	111.4150 E	20 km	2.5	Java, Indonesia

3835	2023-10-10	02:21:08	9.3371 S	113.1561 E	23 km	3.1	South of Java, Indonesia
3836	2023-10-10	03:13:40	8.9077 S	113.0982 E	44 km	2.5	Java, Indonesia
3837	2023-10-10	06:19:41	7.9911 S	114.1156 E	16 km	2.5	Bali Sea
3838	2023-10-10	09:08:17	8.3179 S	111.5065 E	10 km	2.3	Java, Indonesia
3839	2023-10-10	09:43:37	7.6853 S	109.2392 E	11 km	1.3	Java, Indonesia
3840	2023-10-10	10:04:31	7.8348 S	109.2386 E	3 km	2.0	Java, Indonesia
3841	2023-10-10	10:27:03	7.8091 S	109.2415 E	7 km	2.0	Java, Indonesia
3842	2023-10-10	13:18:40	7.2038 S	109.8307 E	17 km	2.2	Java, Indonesia
3843	2023-10-10	14:33:13	8.3234 S	110.6075 E	52 km	2.1	Java, Indonesia
3844	2023-10-10	15:48:05	8.3802 S	113.5371 E	23 km	2.4	Java, Indonesia
3845	2023-10-10	16:17:40	7.2537 S	111.1670 E	26 km	2.4	Java, Indonesia
3846	2023-10-10	16:20:53	9.7732 S	113.2764 E	163 km	3.3	South of Java, Indonesia
3847	2023-10-10	16:42:28	8.8812 S	112.4802 E	33 km	4.8	Java, Indonesia
3848	2023-10-10	17:12:02	9.3608 S	110.2265 E	10 km	2.7	South of Java, Indonesia
3849	2023-10-10	18:43:00	8.9236 S	114.0135 E	69 km	2.5	Bali Region, Indonesia
3850	2023-10-10	18:45:21	8.6021 S	111.9665 E	28 km	2.1	Java, Indonesia
3851	2023-10-10	20:30:19	8.4890 S	109.1754 E	5 km	2.8	Java, Indonesia
3852	2023-10-10	21:07:53	9.3972 S	113.9284 E	10 km	3.3	South of Java, Indonesia
3853	2023-10-10	21:53:17	7.7258 S	109.2686 E	5 km	1.9	Java, Indonesia
3854	2023-10-10	22:12:11	8.8068 S	112.0755 E	33 km	2.9	Java, Indonesia
3855	2023-10-11	00:15:58	8.0118 S	110.5249 E	10 km	1.0	Java, Indonesia
3856	2023-10-11	01:42:00	8.6806 S	108.8844 E	10 km	2.6	Java, Indonesia
3857	2023-10-11	01:55:41	8.4121 S	111.5839 E	105 km	2.0	Java, Indonesia
3858	2023-10-11	03:06:06	7.9492 S	110.4989 E	11 km	0.9	Java, Indonesia
3859	2023-10-11	08:12:06	10.0745 S	111.2975 E	10 km	3.1	South of Java, Indonesia
3860	2023-10-11	08:15:27	7.9714 S	110.4453 E	11 km	1.7	Java, Indonesia
3861	2023-10-11	11:13:35	9.2453 S	113.0755 E	10 km	3.2	South of Java, Indonesia
3862	2023-10-11	12:18:27	8.2589 S	110.9820 E	17 km	2.0	Java, Indonesia
3863	2023-10-11	12:42:43	7.9590 S	110.4813 E	9 km	1.0	Java, Indonesia
3864	2023-10-11	15:49:25	7.9694 S	115.3504 E	2 km	2.0	Bali Sea

3865	2023-10-11	20:02:49	8.5773 S	111.5974 E	9 km	2.4	Java, Indonesia
3866	2023-10-11	21:01:53	8.8146 S	111.1383 E	10 km	2.4	Java, Indonesia
3867	2023-10-11	21:56:54	8.7548 S	113.0731 E	59 km	2.2	Java, Indonesia
3868	2023-10-12	00:08:25	8.5629 S	109.9763 E	18 km	2.3	Java, Indonesia
3869	2023-10-12	00:39:21	10.8500 S	114.4528 E	10 km	3.7	South of Bali, Indonesia
3870	2023-10-12	06:09:07	8.7029 S	110.2394 E	64 km	2.4	Java, Indonesia
3871	2023-10-12	11:10:38	8.5384 S	115.0239 E	96 km	2.9	Bali Region, Indonesia
3872	2023-10-12	12:38:22	7.8785 S	110.7272 E	15 km	2.9	Java, Indonesia
3873	2023-10-12	13:21:14	7.8397 S	110.7358 E	16 km	1.6	Java, Indonesia
3874	2023-10-12	14:38:55	9.2803 S	111.9128 E	5 km	3.0	South of Java, Indonesia
3875	2023-10-12	14:45:33	8.5877 S	111.3359 E	85 km	3.1	Java, Indonesia
3876	2023-10-12	15:34:19	8.7968 S	110.6515 E	59 km	2.4	Java, Indonesia
3877	2023-10-12	21:08:43	8.5319 S	110.7536 E	50 km	3.2	Java, Indonesia
3878	2023-10-12	21:46:51	7.9443 S	110.6905 E	23 km	1.9	Java, Indonesia
3879	2023-10-12	23:10:03	9.0610 S	111.2143 E	12 km	2.7	South of Java, Indonesia
3880	2023-10-13	00:03:59	10.8084 S	110.7111 E	10 km	3.6	South of Java, Indonesia
3881	2023-10-13	01:32:46	8.9393 S	112.9510 E	29 km	2.8	Java, Indonesia
3882	2023-10-13	02:19:15	8.2925 S	110.2968 E	12 km	2.6	Java, Indonesia
3883	2023-10-13	03:39:00	9.0976 S	112.6119 E	65 km	2.9	South of Java, Indonesia
3884	2023-10-13	07:23:36	7.8877 S	109.3765 E	85 km	2.6	Java, Indonesia
3885	2023-10-13	07:48:26	8.3960 S	109.0105 E	57 km	2.7	Java, Indonesia
3886	2023-10-13	10:11:00	7.9972 S	110.4370 E	13 km	1.7	Java, Indonesia
3887	2023-10-13	11:27:36	9.0693 S	110.5438 E	10 km	2.8	South of Java, Indonesia
3888	2023-10-13	12:12:58	8.3257 S	110.2987 E	8 km	2.9	Java, Indonesia
3889	2023-10-13	19:39:36	8.4133 S	109.7579 E	31 km	2.8	Java, Indonesia
3890	2023-10-13	20:12:21	9.1658 S	110.5346 E	16 km	2.9	South of Java, Indonesia
3891	2023-10-13	21:20:45	9.2017 S	110.5256 E	10 km	2.8	South of Java, Indonesia
3892	2023-10-13	21:50:48	9.2791 S	110.4356 E	10 km	2.9	South of Java, Indonesia
3893	2023-10-13	22:18:49	9.2229 S	110.5072 E	10 km	3.0	South of Java, Indonesia
3894	2023-10-14	01:30:12	9.1630 S	110.4991 E	14 km	2.9	South of Java, Indonesia

3895	2023-10-14	10:19:21	7.2309 S	109.5793 E	10 km	2.7	Java, Indonesia
3896	2023-10-14	10:55:56	7.2098 S	109.3749 E	10 km	2.5	Java, Indonesia
3897	2023-10-14	11:24:17	9.4112 S	113.9948 E	27 km	2.7	South of Java, Indonesia
3898	2023-10-14	12:34:23	8.5548 S	111.0160 E	102 km	2.6	Java, Indonesia
3899	2023-10-14	12:49:34	7.2199 S	109.5815 E	11 km	2.2	Java, Indonesia
3900	2023-10-14	13:58:27	7.2962 S	109.7663 E	9 km	2.4	Java, Indonesia
3901	2023-10-14	13:59:43	8.4842 S	110.0578 E	42 km	2.6	Java, Indonesia
3902	2023-10-14	15:27:08	9.1234 S	110.4270 E	10 km	2.9	South of Java, Indonesia
3903	2023-10-14	15:48:46	9.1978 S	110.6225 E	10 km	2.8	South of Java, Indonesia
3904	2023-10-14	17:47:40	7.2134 S	109.5541 E	12 km	1.9	Java, Indonesia
3905	2023-10-14	17:51:55	7.1913 S	109.4496 E	10 km	2.2	Java, Indonesia
3906	2023-10-14	18:05:30	7.1805 S	109.3908 E	9 km	2.1	Java, Indonesia
3907	2023-10-14	23:15:15	9.0304 S	111.2567 E	10 km	2.8	South of Java, Indonesia
3908	2023-10-15	00:10:13	8.9530 S	110.2809 E	268 km	2.9	Java, Indonesia
3909	2023-10-15	00:20:00	7.3628 S	109.7352 E	8 km	2.3	Java, Indonesia
3910	2023-10-15	01:36:21	9.2966 S	113.4803 E	22 km	3.0	South of Java, Indonesia
3911	2023-10-15	02:30:26	9.3363 S	113.9561 E	10 km	2.4	South of Java, Indonesia
3912	2023-10-15	02:44:37	7.9843 S	110.5302 E	14 km	1.4	Java, Indonesia
3913	2023-10-15	03:44:21	9.6141 S	111.4215 E	10 km	3.1	South of Java, Indonesia
3914	2023-10-15	04:15:10	9.4482 S	112.4967 E	10 km	3.0	South of Java, Indonesia
3915	2023-10-15	04:20:18	8.3189 S	110.1302 E	10 km	2.3	Java, Indonesia
3916	2023-10-15	04:54:56	9.2825 S	110.8687 E	18 km	2.8	South of Java, Indonesia
3917	2023-10-15	09:02:23	8.3986 S	110.4580 E	9 km	2.2	Java, Indonesia
3918	2023-10-15	10:12:35	8.4094 S	109.6958 E	30 km	2.6	Java, Indonesia
3919	2023-10-15	12:28:13	8.2775 S	108.9581 E	70 km	2.6	Java, Indonesia
3920	2023-10-15	12:57:18	8.9632 S	110.5446 E	38 km	2.7	Java, Indonesia
3921	2023-10-15	14:36:16	8.6011 S	112.5885 E	10 km	2.9	Java, Indonesia
3922	2023-10-15	14:47:28	8.7426 S	110.6850 E	27 km	2.5	Java, Indonesia
3923	2023-10-15	15:20:48	8.9358 S	110.8191 E	12 km	2.6	Java, Indonesia
3924	2023-10-15	16:24:21	8.3944 S	113.5660 E	10 km	2.6	Java, Indonesia

3925	2023-10-15	17:29:51	7.2375 S	109.7900 E	12 km	2.1	Java, Indonesia
3926	2023-10-15	18:32:11	8.8185 S	110.3192 E	10 km	2.6	Java, Indonesia
3927	2023-10-15	19:49:16	9.0222 S	113.8831 E	14 km	2.6	South of Java, Indonesia
3928	2023-10-15	20:24:22	8.9643 S	110.7449 E	10 km	3.0	Java, Indonesia
3929	2023-10-15	20:58:45	7.9725 S	110.4864 E	10 km	1.3	Java, Indonesia
3930	2023-10-15	21:21:38	8.9373 S	110.7215 E	19 km	2.8	Java, Indonesia
3931	2023-10-15	21:45:29	9.0616 S	110.3899 E	10 km	2.9	South of Java, Indonesia
3932	2023-10-16	01:13:02	9.0938 S	114.1093 E	22 km	2.7	South of Bali, Indonesia
3933	2023-10-16	03:20:14	8.9538 S	110.6263 E	10 km	2.8	Java, Indonesia
3934	2023-10-16	05:39:53	8.9473 S	110.6635 E	30 km	2.9	Java, Indonesia
3935	2023-10-16	06:46:39	8.4086 S	110.6643 E	17 km	2.6	Java, Indonesia
3936	2023-10-16	07:35:51	7.2129 S	109.8233 E	5 km	2.1	Java, Indonesia
3937	2023-10-16	08:20:54	9.3142 S	113.9784 E	11 km	3.1	South of Java, Indonesia
3938	2023-10-16	10:12:01	8.8606 S	112.5010 E	39 km	3.6	Java, Indonesia
3939	2023-10-16	11:35:06	8.7781 S	107.9964 E	10 km	2.8	Java, Indonesia
3940	2023-10-16	15:15:29	8.2696 S	110.3047 E	14 km	2.4	Java, Indonesia
3941	2023-10-16	16:59:11	8.4504 S	109.9827 E	14 km	2.6	Java, Indonesia
3942	2023-10-16	19:07:58	9.0119 S	110.7351 E	15 km	2.8	South of Java, Indonesia
3943	2023-10-16	20:08:15	8.9123 S	110.8140 E	67 km	2.7	Java, Indonesia
3944	2023-10-16	20:15:30	8.3343 S	110.2282 E	22 km	2.5	Java, Indonesia
3945	2023-10-16	20:34:33	9.0166 S	110.2716 E	14 km	2.7	South of Java, Indonesia
3946	2023-10-16	23:06:42	9.0255 S	110.3368 E	5 km	2.7	South of Java, Indonesia
3947	2023-10-17	00:10:53	9.8227 S	108.7262 E	10 km	3.5	South of Java, Indonesia
3948	2023-10-17	02:28:25	8.9137 S	112.8997 E	18 km	3.3	Java, Indonesia
3949	2023-10-17	03:09:11	7.9140 S	109.9784 E	110 km	2.5	Java, Indonesia
3950	2023-10-17	03:32:08	9.5198 S	112.8896 E	10 km	3.6	South of Java, Indonesia
3951	2023-10-17	05:58:42	9.1226 S	111.8339 E	10 km	3.0	South of Java, Indonesia
3952	2023-10-17	06:29:34	8.2650 S	110.3048 E	6 km	2.3	Java, Indonesia
3953	2023-10-17	07:19:40	9.4408 S	112.8268 E	18 km	3.4	South of Java, Indonesia
3954	2023-10-17	07:33:40	8.3159 S	110.2495 E	14 km	2.1	Java, Indonesia

3955	2023-10-17	10:13:21	8.0555 S	111.2333 E	107 km	2.2	Java, Indonesia
3956	2023-10-17	10:53:18	8.8455 S	112.4592 E	32 km	2.8	Java, Indonesia
3957	2023-10-17	11:49:33	7.8787 S	112.5256 E	3 km	3.1	Java, Indonesia
3958	2023-10-17	12:24:11	8.1032 S	110.4385 E	38 km	1.5	Java, Indonesia
3959	2023-10-17	18:45:04	7.8771 S	110.4745 E	9 km	1.0	Java, Indonesia
3960	2023-10-17	20:40:24	9.2250 S	111.5643 E	10 km	2.7	South of Java, Indonesia
3961	2023-10-18	00:11:37	8.7672 S	110.7946 E	18 km	2.5	Java, Indonesia
3962	2023-10-18	00:36:30	9.0513 S	110.4666 E	10 km	2.7	South of Java, Indonesia
3963	2023-10-18	01:31:56	8.5799 S	112.5598 E	139 km	2.9	Java, Indonesia
3964	2023-10-18	02:18:41	8.6204 S	109.7979 E	40 km	2.5	Java, Indonesia
3965	2023-10-18	05:50:03	8.0815 S	110.2789 E	80 km	1.9	Java, Indonesia
3966	2023-10-18	10:30:34	8.6817 S	111.1258 E	75 km	2.5	Java, Indonesia
3967	2023-10-18	11:29:33	7.3243 S	110.7270 E	12 km	3.7	Java, Indonesia
3968	2023-10-18	16:24:39	9.0830 S	110.7936 E	123 km	3.1	South of Java, Indonesia
3969	2023-10-18	16:58:42	8.8006 S	112.1853 E	76 km	2.9	Java, Indonesia
3970	2023-10-18	18:24:13	8.1659 S	110.3196 E	96 km	1.6	Java, Indonesia
3971	2023-10-18	19:08:45	8.7509 S	111.7512 E	28 km	2.6	Java, Indonesia
3972	2023-10-18	19:22:27	8.0835 S	112.1113 E	8 km	3.1	Java, Indonesia
3973	2023-10-18	19:56:52	8.1544 S	113.1612 E	118 km	2.7	Java, Indonesia
3974	2023-10-18	20:39:48	8.4135 S	110.4471 E	33 km	1.9	Java, Indonesia
3975	2023-10-18	21:31:00	9.1266 S	111.4796 E	10 km	2.5	South of Java, Indonesia
3976	2023-10-18	23:19:30	8.4870 S	110.1608 E	10 km	3.0	Java, Indonesia
3977	2023-10-19	03:10:00	8.3082 S	110.7132 E	10 km	1.9	Java, Indonesia
3978	2023-10-19	07:42:27	8.5749 S	109.9934 E	18 km	2.3	Java, Indonesia
3979	2023-10-19	07:50:30	8.4245 S	109.3030 E	20 km	2.5	Java, Indonesia
3980	2023-10-19	09:04:52	9.4169 S	113.3068 E	10 km	4.4	South of Java, Indonesia
3981	2023-10-19	10:41:29	8.0599 S	110.4537 E	12 km	1.9	Java, Indonesia
3982	2023-10-19	11:47:13	9.3392 S	113.9882 E	20 km	2.4	South of Java, Indonesia
3983	2023-10-19	12:09:24	8.3608 S	109.7557 E	23 km	2.2	Java, Indonesia
3984	2023-10-19	12:30:56	8.5598 S	110.7741 E	10 km	2.1	Java, Indonesia

3985	2023-10-19	13:25:42	8.8520 S	110.3493 E	24 km	2.4	Java, Indonesia
3986	2023-10-19	13:49:46	9.0606 S	110.3111 E	10 km	2.6	South of Java, Indonesia
3987	2023-10-19	14:32:59	9.2941 S	112.9707 E	10 km	2.7	South of Java, Indonesia
3988	2023-10-19	14:49:10	10.1281 S	113.5139 E	12 km	3.2	South of Java, Indonesia
3989	2023-10-19	17:34:15	8.8396 S	110.7552 E	25 km	2.2	Java, Indonesia
3990	2023-10-19	17:37:09	8.8520 S	110.7653 E	14 km	2.3	Java, Indonesia
3991	2023-10-19	17:49:05	7.2937 S	109.7990 E	16 km	2.0	Java, Indonesia
3992	2023-10-19	18:02:31	8.9691 S	110.7639 E	24 km	3.0	Java, Indonesia
3993	2023-10-19	20:09:19	8.3278 S	110.4355 E	15 km	1.5	Java, Indonesia
3994	2023-10-19	20:16:59	8.2640 S	110.3115 E	20 km	2.1	Java, Indonesia
3995	2023-10-19	21:15:49	9.4822 S	112.8800 E	24 km	2.9	South of Java, Indonesia
3996	2023-10-19	21:17:26	8.2129 S	111.5279 E	10 km	1.6	Java, Indonesia
3997	2023-10-19	21:23:27	9.1972 S	112.8396 E	25 km	2.8	South of Java, Indonesia
3998	2023-10-19	21:54:56	7.9550 S	110.5639 E	18 km	0.7	Java, Indonesia
3999	2023-10-19	22:07:41	8.6652 S	110.3799 E	10 km	2.0	Java, Indonesia
4000	2023-10-19	23:22:47	8.3849 S	111.6155 E	100 km	2.2	Java, Indonesia
4001	2023-10-20	02:17:00	7.9191 S	110.4688 E	15 km	1.3	Java, Indonesia
4002	2023-10-20	03:10:43	8.5175 S	113.0437 E	128 km	3.0	Java, Indonesia
4003	2023-10-20	07:36:39	8.8231 S	113.5941 E	111 km	3.7	Java, Indonesia
4004	2023-10-20	09:00:42	9.0817 S	112.4651 E	10 km	2.9	South of Java, Indonesia
4005	2023-10-20	10:13:21	8.3977 S	109.7170 E	26 km	2.2	Java, Indonesia
4006	2023-10-20	12:09:19	8.4189 S	110.2125 E	17 km	2.1	Java, Indonesia
4007	2023-10-20	12:41:17	8.4736 S	109.7391 E	26 km	2.6	Java, Indonesia
4008	2023-10-20	12:58:34	7.8682 S	110.7413 E	18 km	1.7	Java, Indonesia
4009	2023-10-20	15:35:44	8.3277 S	110.3531 E	11 km	1.6	Java, Indonesia
4010	2023-10-20	17:00:49	8.2891 S	110.3433 E	12 km	1.9	Java, Indonesia
4011	2023-10-20	17:17:53	7.9559 S	110.4759 E	16 km	1.4	Java, Indonesia
4012	2023-10-20	17:33:38	7.9996 S	109.8770 E	36 km	2.3	Java, Indonesia
4013	2023-10-20	18:01:16	7.9873 S	110.4942 E	30 km	1.0	Java, Indonesia
4014	2023-10-20	20:06:39	8.2605 S	110.3082 E	15 km	1.8	Java, Indonesia

4015	2023-10-20	21:45:14	8.2204 S	110.6572 E	29 km	1.6	Java, Indonesia
4016	2023-10-21	00:19:34	8.5577 S	110.1527 E	10 km	2.4	Java, Indonesia
4017	2023-10-21	00:39:05	8.0743 S	110.6006 E	4 km	0.9	Java, Indonesia
4018	2023-10-21	02:09:54	9.1509 S	110.7808 E	10 km	2.4	South of Java, Indonesia
4019	2023-10-21	04:25:23	7.9609 S	110.4830 E	18 km	1.4	Java, Indonesia
4020	2023-10-21	05:10:00	9.2487 S	114.2419 E	29 km	2.3	South of Bali, Indonesia
4021	2023-10-21	06:04:50	7.9438 S	110.4733 E	11 km	0.8	Java, Indonesia
4022	2023-10-21	06:15:40	7.2936 S	109.8019 E	26 km	1.9	Java, Indonesia
4023	2023-10-21	10:03:48	8.3184 S	114.9867 E	9 km	3.5	Bali Region, Indonesia
4024	2023-10-21	10:30:20	8.7657 S	111.0713 E	32 km	3.1	Java, Indonesia
4025	2023-10-21	14:07:43	8.6958 S	110.9549 E	23 km	2.2	Java, Indonesia
4026	2023-10-21	14:45:48	8.2698 S	111.5794 E	109 km	2.5	Java, Indonesia
4027	2023-10-21	15:23:34	9.0105 S	113.7258 E	11 km	3.1	South of Java, Indonesia
4028	2023-10-21	15:31:11	8.3820 S	111.5307 E	2 km	2.2	Java, Indonesia
4029	2023-10-21	15:53:30	8.5499 S	115.7735 E	37 km	3.4	Bali Region, Indonesia
4030	2023-10-21	17:02:43	8.6404 S	110.0510 E	32 km	2.3	Java, Indonesia
4031	2023-10-21	17:12:14	8.7180 S	110.9570 E	7 km	2.5	Java, Indonesia
4032	2023-10-21	19:53:19	8.4176 S	110.7066 E	68 km	2.1	Java, Indonesia
4033	2023-10-21	20:22:35	8.7760 S	110.9776 E	20 km	2.4	Java, Indonesia
4034	2023-10-21	20:47:21	7.3787 S	109.7368 E	123 km	2.3	Java, Indonesia
4035	2023-10-21	21:44:07	7.8343 S	111.5319 E	17 km	1.2	Java, Indonesia
4036	2023-10-21	23:47:16	9.0729 S	113.1941 E	23 km	2.4	South of Java, Indonesia
4037	2023-10-22	00:22:44	8.3027 S	115.3881 E	175 km	2.2	Bali Region, Indonesia
4038	2023-10-22	03:37:04	8.6286 S	108.5298 E	10 km	2.4	Java, Indonesia
4039	2023-10-22	03:51:22	8.7877 S	111.7356 E	32 km	2.3	Java, Indonesia
4040	2023-10-22	08:44:39	8.8274 S	109.7901 E	10 km	2.7	Java, Indonesia
4041	2023-10-22	11:21:40	8.8990 S	110.6950 E	19 km	3.0	Java, Indonesia
4042	2023-10-22	14:59:10	8.8303 S	110.5086 E	22 km	2.4	Java, Indonesia
4043	2023-10-22	16:39:43	7.9310 S	110.4918 E	11 km	0.8	Java, Indonesia
4044	2023-10-22	16:50:59	8.1493 S	109.8603 E	82 km	2.9	Java, Indonesia

4045	2023-10-22	18:32:06	8.3940 S	108.9842 E	35 km	2.5	Java, Indonesia
4046	2023-10-22	20:20:42	8.4509 S	110.6402 E	12 km	2.1	Java, Indonesia
4047	2023-10-22	20:44:30	9.3352 S	111.6683 E	10 km	2.2	South of Java, Indonesia
4048	2023-10-22	21:11:54	9.9405 S	113.7376 E	12 km	3.9	South of Java, Indonesia
4049	2023-10-22	21:33:51	9.1095 S	113.4481 E	29 km	2.4	South of Java, Indonesia
4050	2023-10-22	22:32:51	8.8907 S	110.1949 E	15 km	2.8	Java, Indonesia
4051	2023-10-23	01:01:35	7.7757 S	110.4441 E	13 km	1.4	Java, Indonesia
4052	2023-10-23	01:24:52	7.9811 S	110.5465 E	4 km	0.9	Java, Indonesia
4053	2023-10-23	05:20:28	8.8848 S	110.9755 E	10 km	2.2	Java, Indonesia
4054	2023-10-23	05:24:09	8.4624 S	109.3412 E	9 km	3.4	Java, Indonesia
4055	2023-10-23	06:17:18	8.7727 S	114.7945 E	174 km	3.1	Bali Region, Indonesia
4056	2023-10-23	08:47:55	8.2532 S	110.4711 E	0 km	2.2	Java, Indonesia
4057	2023-10-23	09:28:30	7.8019 S	110.4610 E	10 km	2.0	Java, Indonesia
4058	2023-10-23	10:04:45	7.6459 S	111.3315 E	3 km	2.1	Java, Indonesia
4059	2023-10-23	10:33:07	7.1599 S	109.7355 E	36 km	2.4	Java, Indonesia
4060	2023-10-23	11:37:40	8.2058 S	110.3966 E	108 km	2.1	Java, Indonesia
4061	2023-10-23	12:21:50	8.8876 S	110.2340 E	13 km	2.6	Java, Indonesia
4062	2023-10-23	13:16:04	8.2147 S	110.3124 E	120 km	1.7	Java, Indonesia
4063	2023-10-23	13:59:13	8.4415 S	110.2505 E	10 km	1.8	Java, Indonesia
4064	2023-10-23	14:33:31	8.8232 S	110.1498 E	16 km	2.7	Java, Indonesia
4065	2023-10-23	15:09:57	8.7620 S	109.3074 E	13 km	2.4	Java, Indonesia
4066	2023-10-23	15:15:39	7.9190 S	110.3958 E	10 km	1.2	Java, Indonesia
4067	2023-10-23	15:20:56	10.3778 S	113.4515 E	10 km	4.3	South of Java, Indonesia
4068	2023-10-23	15:41:45	8.0663 S	108.0092 E	30 km	3.6	Java, Indonesia
4069	2023-10-23	16:21:56	8.1509 S	110.6641 E	3 km	1.6	Java, Indonesia
4070	2023-10-23	17:35:53	9.5853 S	113.9558 E	10 km	2.4	South of Java, Indonesia
4071	2023-10-24	01:05:34	8.9376 S	113.1373 E	36 km	2.5	Java, Indonesia
4072	2023-10-24	05:05:23	8.3638 S	114.0504 E	10 km	2.1	Bali Region, Indonesia
4073	2023-10-24	10:13:50	7.2169 S	109.7829 E	14 km	2.3	Java, Indonesia
4074	2023-10-24	10:58:14	6.8221 S	110.5687 E	4 km	3.4	Java, Indonesia

4075	2023-10-24	13:47:03	8.5575 S	110.0934 E	55 km	2.5	Java, Indonesia
4076	2023-10-24	13:58:19	9.2018 S	110.2959 E	6 km	2.4	South of Java, Indonesia
4077	2023-10-24	15:31:11	9.3953 S	110.5447 E	10 km	2.5	South of Java, Indonesia
4078	2023-10-24	18:25:27	8.6142 S	111.0608 E	30 km	2.1	Java, Indonesia
4079	2023-10-24	18:46:54	8.9015 S	111.1188 E	10 km	2.3	Java, Indonesia
4080	2023-10-24	18:51:17	6.9866 S	108.3179 E	238 km	3.2	Java, Indonesia
4081	2023-10-24	18:56:00	8.2601 S	112.0042 E	114 km	2.0	Java, Indonesia
4082	2023-10-24	21:16:37	9.3531 S	112.8696 E	17 km	2.4	South of Java, Indonesia
4083	2023-10-24	21:31:55	8.6028 S	108.7521 E	24 km	2.1	Java, Indonesia
4084	2023-10-24	23:04:12	8.8197 S	112.7309 E	8 km	2.8	Java, Indonesia
4085	2023-10-25	02:26:57	9.2261 S	109.6957 E	10 km	3.2	South of Java, Indonesia
4086	2023-10-25	04:43:54	8.4192 S	111.5867 E	106 km	2.3	Java, Indonesia
4087	2023-10-25	04:53:37	7.6462 S	111.3285 E	12 km	2.1	Java, Indonesia
4088	2023-10-25	06:38:50	8.4614 S	111.1064 E	15 km	2.1	Java, Indonesia
4089	2023-10-25	11:28:56	8.9687 S	112.7697 E	33 km	2.9	Java, Indonesia
4090	2023-10-25	12:05:00	7.5580 S	111.2761 E	11 km	2.5	Java, Indonesia
4091	2023-10-25	12:24:18	8.9948 S	111.3292 E	27 km	3.1	Java, Indonesia
4092	2023-10-25	13:04:14	7.9419 S	110.5023 E	12 km	1.0	Java, Indonesia
4093	2023-10-25	13:16:43	8.9298 S	110.1250 E	20 km	2.8	Java, Indonesia
4094	2023-10-25	14:54:54	8.8048 S	110.0302 E	23 km	2.5	Java, Indonesia
4095	2023-10-25	17:28:27	7.5431 S	111.2584 E	7 km	2.1	Java, Indonesia
4096	2023-10-25	19:29:40	9.0232 S	111.2260 E	14 km	2.5	South of Java, Indonesia
4097	2023-10-25	21:33:29	9.1326 S	110.4239 E	10 km	2.5	South of Java, Indonesia
4098	2023-10-25	22:15:07	9.0682 S	111.2822 E	10 km	2.5	South of Java, Indonesia
4099	2023-10-26	01:33:16	8.8672 S	112.4783 E	40 km	3.0	Java, Indonesia
4100	2023-10-26	02:04:04	8.7697 S	108.8218 E	10 km	2.8	Java, Indonesia
4101	2023-10-26	02:33:15	9.2946 S	113.2408 E	10 km	3.2	South of Java, Indonesia
4102	2023-10-26	03:53:36	8.8475 S	111.9758 E	33 km	2.5	Java, Indonesia
4103	2023-10-26	04:58:12	10.3262 S	113.0247 E	10 km	3.6	South of Java, Indonesia
4104	2023-10-26	05:30:10	9.2770 S	111.8410 E	10 km	2.8	South of Java, Indonesia

4105	2023-10-26	09:48:24	8.5427 S	108.6765 E	51 km	3.1	Java, Indonesia
4106	2023-10-26	13:28:29	7.2003 S	109.8095 E	12 km	2.3	Java, Indonesia
4107	2023-10-26	13:34:16	8.3047 S	109.0655 E	32 km	2.7	Java, Indonesia
4108	2023-10-26	13:38:42	10.3224 S	113.0978 E	132 km	3.4	South of Java, Indonesia
4109	2023-10-26	14:11:40	7.9475 S	110.4732 E	13 km	1.0	Java, Indonesia
4110	2023-10-26	14:38:02	8.6599 S	110.2837 E	31 km	2.6	Java, Indonesia
4111	2023-10-26	16:22:49	8.0670 S	111.5684 E	7 km	1.9	Java, Indonesia
4112	2023-10-26	17:31:20	7.9966 S	109.7880 E	97 km	3.4	Java, Indonesia
4113	2023-10-26	19:50:02	9.1881 S	114.2162 E	6 km	2.2	South of Bali, Indonesia
4114	2023-10-26	20:24:49	8.8455 S	112.4806 E	44 km	2.7	Java, Indonesia
4115	2023-10-26	20:53:42	7.2058 S	109.7996 E	15 km	1.6	Java, Indonesia
4116	2023-10-26	22:02:39	8.3390 S	114.5234 E	23 km	1.4	Bali Region, Indonesia
4117	2023-10-26	22:38:46	8.1373 S	110.1740 E	81 km	2.3	Java, Indonesia
4118	2023-10-26	22:55:42	8.6930 S	109.7042 E	41 km	2.8	Java, Indonesia
4119	2023-10-26	23:11:10	7.3069 S	110.6204 E	172 km	2.6	Java, Indonesia
4120	2023-10-27	00:57:38	8.2317 S	111.7835 E	102 km	2.1	Java, Indonesia
4121	2023-10-27	04:28:19	8.3639 S	109.0245 E	39 km	2.2	Java, Indonesia
4122	2023-10-27	05:46:56	8.9439 S	110.6627 E	77 km	2.5	Java, Indonesia
4123	2023-10-27	09:28:09	7.9852 S	110.3999 E	11 km	1.5	Java, Indonesia
4124	2023-10-27	10:35:05	9.0225 S	111.2353 E	12 km	2.9	South of Java, Indonesia
4125	2023-10-27	12:13:56	9.0581 S	111.2427 E	10 km	2.7	South of Java, Indonesia
4126	2023-10-27	12:40:15	9.2975 S	110.4433 E	10 km	2.8	South of Java, Indonesia
4127	2023-10-27	13:51:03	9.0333 S	111.2226 E	14 km	2.7	South of Java, Indonesia
4128	2023-10-27	16:46:43	9.0841 S	111.3614 E	7 km	2.8	South of Java, Indonesia
4129	2023-10-27	18:12:58	9.1743 S	113.1698 E	28 km	3.3	South of Java, Indonesia
4130	2023-10-27	18:57:21	7.8781 S	110.1412 E	119 km	2.0	Java, Indonesia
4131	2023-10-27	21:21:55	8.4805 S	113.0416 E	36 km	2.5	Java, Indonesia
4132	2023-10-27	22:21:08	11.4207 S	116.1244 E	30 km	4.0	South of Sumbawa, Indonesia
4133	2023-10-27	22:40:03	6.9905 S	109.7405 E	21 km	2.8	Java, Indonesia
4134	2023-10-27	22:59:08	3.6390 S	113.4997 E	0 km	5.0	Borneo

4135	2023-10-28	00:15:30	7.3286 S	109.7796 E	20 km	1.5	Java, Indonesia
4136	2023-10-28	03:48:31	8.8815 S	116.8587 E	152 km	3.0	Sumbawa Region, Indonesia
4137	2023-10-28	04:02:01	8.5249 S	110.7790 E	55 km	2.6	Java, Indonesia
4138	2023-10-28	04:35:16	8.2057 S	108.9876 E	124 km	2.8	Java, Indonesia
4139	2023-10-28	04:42:34	8.8969 S	117.2106 E	750 km	4.3	Sumbawa Region, Indonesia
4140	2023-10-28	07:35:05	8.3207 S	109.0563 E	37 km	2.6	Java, Indonesia
4141	2023-10-28	13:08:07	7.4234 S	111.4492 E	10 km	2.9	Java, Indonesia
4142	2023-10-28	13:19:14	8.4358 S	109.1776 E	17 km	2.7	Java, Indonesia
4143	2023-10-28	14:08:04	7.9261 S	110.4689 E	4 km	1.2	Java, Indonesia
4144	2023-10-28	14:10:30	9.1495 S	110.3260 E	52 km	3.3	South of Java, Indonesia
4145	2023-10-28	14:16:44	8.5730 S	111.1371 E	12 km	2.9	Java, Indonesia
4146	2023-10-28	15:52:05	7.9635 S	110.4350 E	20 km	1.8	Java, Indonesia
4147	2023-10-28	15:53:53	8.6968 S	111.3072 E	61 km	3.1	Java, Indonesia
4148	2023-10-28	18:42:26	6.2785 S	112.1610 E	20 km	3.4	Java, Indonesia
4149	2023-10-28	19:30:29	7.8980 S	108.7661 E	75 km	2.1	Java, Indonesia
4150	2023-10-28	19:46:46	8.7378 S	108.7208 E	10 km	2.6	Java, Indonesia
4151	2023-10-28	19:58:24	8.3604 S	111.1054 E	79 km	2.3	Java, Indonesia
4152	2023-10-28	20:12:14	8.1000 S	110.4833 E	83 km	2.8	Java, Indonesia
4153	2023-10-28	23:11:38	8.1735 S	110.1370 E	71 km	2.8	Java, Indonesia
4154	2023-10-29	00:47:36	8.6117 S	111.1204 E	50 km	2.4	Java, Indonesia
4155	2023-10-29	02:31:10	8.5540 S	109.0669 E	33 km	3.1	Java, Indonesia
4156	2023-10-29	03:19:42	7.9925 S	110.4342 E	18 km	1.3	Java, Indonesia
4157	2023-10-29	11:27:10	8.9821 S	111.3454 E	10 km	2.8	Java, Indonesia
4158	2023-10-29	12:09:35	8.7552 S	109.8082 E	10 km	2.7	Java, Indonesia
4159	2023-10-29	12:32:04	9.0082 S	110.4568 E	58 km	2.8	South of Java, Indonesia
4160	2023-10-29	13:01:42	7.9479 S	110.4620 E	10 km	1.4	Java, Indonesia
4161	2023-10-29	14:18:35	9.1943 S	113.0112 E	10 km	2.8	South of Java, Indonesia
4162	2023-10-29	14:24:20	9.1740 S	112.9032 E	20 km	2.7	South of Java, Indonesia
4163	2023-10-29	15:41:10	8.7713 S	110.5693 E	10 km	2.7	Java, Indonesia
4164	2023-10-29	16:52:27	8.4554 S	113.3357 E	88 km	2.3	Java, Indonesia

4165	2023-10-29	17:14:46	8.8691 S	110.4782 E	24 km	2.9	Java, Indonesia
4166	2023-10-29	18:21:52	2.8151 S	112.9907 E	140 km	4.5	Borneo
4167	2023-10-29	19:47:10	7.9592 S	110.4733 E	10 km	1.3	Java, Indonesia
4168	2023-10-29	20:16:22	8.8308 S	111.3943 E	50 km	2.7	Java, Indonesia
4169	2023-10-29	20:43:49	8.9669 S	111.2547 E	7 km	2.8	Java, Indonesia
4170	2023-10-30	00:27:43	9.1706 S	113.5664 E	15 km	2.7	South of Java, Indonesia
4171	2023-10-30	00:57:13	9.1323 S	113.5952 E	10 km	2.9	South of Java, Indonesia
4172	2023-10-30	03:34:41	8.8062 S	109.9490 E	14 km	2.9	Java, Indonesia
4173	2023-10-30	04:58:24	7.5054 S	110.6250 E	13 km	2.5	Java, Indonesia
4174	2023-10-30	05:27:27	10.6723 S	113.8846 E	10 km	4.0	South of Java, Indonesia
4175	2023-10-30	10:01:51	8.3379 S	110.2332 E	18 km	2.6	Java, Indonesia
4176	2023-10-30	10:43:27	9.7838 S	110.1804 E	15 km	3.5	South of Java, Indonesia
4177	2023-10-30	12:12:41	8.8049 S	110.9296 E	45 km	2.8	Java, Indonesia
4178	2023-10-30	12:25:56	8.9547 S	110.3815 E	33 km	2.9	Java, Indonesia
4179	2023-10-30	12:36:00	8.0615 S	114.1198 E	6 km	2.3	Bali Region, Indonesia
4180	2023-10-30	14:43:09	8.1306 S	110.9285 E	18 km	2.3	Java, Indonesia
4181	2023-10-30	15:28:43	7.6464 S	109.4432 E	39 km	2.4	Java, Indonesia
4182	2023-10-30	16:20:12	8.7815 S	112.8861 E	22 km	3.0	Java, Indonesia
4183	2023-10-30	16:34:59	10.8048 S	111.0874 E	10 km	3.9	South of Java, Indonesia
4184	2023-10-30	17:07:52	8.0190 S	110.4544 E	14 km	1.7	Java, Indonesia
4185	2023-10-30	21:10:43	8.8010 S	110.9142 E	15 km	2.6	Java, Indonesia
4186	2023-10-30	21:13:56	8.2704 S	111.5379 E	10 km	2.1	Java, Indonesia
4187	2023-10-30	21:44:49	8.7874 S	113.8578 E	86 km	5.0	Java, Indonesia
4188	2023-10-30	22:36:27	8.8011 S	112.0210 E	76 km	2.6	Java, Indonesia
4189	2023-10-30	23:33:17	6.8894 S	111.8083 E	14 km	2.6	Java, Indonesia
4190	2023-10-31	01:00:03	7.9455 S	109.7816 E	89 km	3.5	Java, Indonesia
4191	2023-10-31	03:07:21	8.1833 S	109.8399 E	47 km	2.5	Java, Indonesia
4192	2023-10-31	05:31:08	8.5118 S	113.4098 E	11 km	2.7	Java, Indonesia
4193	2023-10-31	11:51:01	7.9574 S	110.4820 E	13 km	1.3	Java, Indonesia
4194	2023-10-31	13:48:22	8.6046 S	109.1062 E	28 km	2.6	Java, Indonesia

4195	2023-10-31	14:35:24	8.0685 S	110.7797 E	10 km	2.2	Java, Indonesia
4196	2023-10-31	16:52:45	9.2220 S	110.6789 E	10 km	2.8	South of Java, Indonesia
4197	2023-10-31	17:19:47	7.2074 S	109.8259 E	9 km	2.1	Java, Indonesia
4198	2023-10-31	17:28:47	10.2379 S	108.8892 E	10 km	3.7	South of Java, Indonesia
4199	2023-10-31	19:37:38	8.9359 S	111.2691 E	14 km	2.6	Java, Indonesia
4200	2023-10-31	20:20:23	8.4041 S	110.8304 E	19 km	2.3	Java, Indonesia
4201	2023-10-31	20:56:15	7.9644 S	110.4479 E	3 km	1.3	Java, Indonesia
4202	2023-11-01	01:00:08	8.5558 S	110.0172 E	35 km	2.6	Java, Indonesia
4203	2023-11-01	01:47:40	8.3591 S	113.6730 E	9 km	2.7	Java, Indonesia
4204	2023-11-01	02:14:06	8.8472 S	113.0674 E	98 km	3.2	Java, Indonesia
4205	2023-11-01	03:46:46	9.6360 S	108.8134 E	10 km	3.8	South of Java, Indonesia
4206	2023-11-01	05:24:00	8.4119 S	110.2903 E	10 km	2.5	Java, Indonesia
4207	2023-11-01	11:35:21	8.8875 S	109.8592 E	14 km	3.3	Java, Indonesia
4208	2023-11-01	11:40:42	8.9439 S	109.9181 E	7 km	3.2	Java, Indonesia
4209	2023-11-01	12:36:41	8.1543 S	110.3372 E	103 km	1.8	Java, Indonesia
4210	2023-11-01	13:15:59	8.8558 S	109.9680 E	74 km	2.6	Java, Indonesia
4211	2023-11-02	01:32:19	8.9115 S	112.3177 E	10 km	2.9	Java, Indonesia
4212	2023-11-02	04:33:07	8.8424 S	110.4005 E	28 km	2.8	Java, Indonesia
4213	2023-11-02	08:32:26	9.3680 S	117.1181 E	10 km	3.5	Sumbawa Region, Indonesia
4214	2023-11-02	10:24:00	9.6316 S	113.9140 E	10 km	4.1	South of Java, Indonesia
4215	2023-11-02	10:53:46	9.3644 S	114.0755 E	28 km	2.6	South of Bali, Indonesia
4216	2023-11-02	16:50:45	8.9812 S	113.0212 E	28 km	2.5	Java, Indonesia
4217	2023-11-02	22:51:26	7.8213 S	110.2776 E	10 km	1.9	Java, Indonesia
4218	2023-11-03	01:23:45	8.7988 S	112.0559 E	10 km	4.1	Java, Indonesia
4219	2023-11-03	03:48:33	8.9644 S	111.7955 E	10 km	2.8	Java, Indonesia
4220	2023-11-03	08:52:52	8.8220 S	111.9211 E	15 km	3.0	Java, Indonesia
4221	2023-11-03	09:27:54	8.2938 S	110.3137 E	10 km	2.0	Java, Indonesia
4222	2023-11-03	13:01:40	8.1576 S	109.9657 E	70 km	2.4	Java, Indonesia
4223	2023-11-03	15:34:46	8.8177 S	111.1789 E	26 km	2.7	Java, Indonesia
4224	2023-11-03	15:54:16	8.9116 S	111.7779 E	50 km	3.5	Java, Indonesia

4225	2023-11-03	18:03:14	8.6131 S	110.6735 E	21 km	2.4	Java, Indonesia
4226	2023-11-03	21:55:50	9.0288 S	110.9302 E	10 km	2.8	South of Java, Indonesia
4227	2023-11-03	22:03:57	8.8647 S	111.7513 E	60 km	2.7	Java, Indonesia
4228	2023-11-03	23:25:26	8.4397 S	110.7183 E	10 km	2.3	Java, Indonesia
4229	2023-11-04	00:01:30	8.4747 S	111.0567 E	70 km	2.9	Java, Indonesia
4230	2023-11-04	07:27:19	8.8726 S	110.6038 E	26 km	2.8	Java, Indonesia
4231	2023-11-04	13:34:12	8.6580 S	111.1174 E	38 km	2.7	Java, Indonesia
4232	2023-11-04	14:44:55	9.0840 S	111.0896 E	82 km	2.6	South of Java, Indonesia
4233	2023-11-04	15:56:28	10.1547 S	113.1717 E	10 km	3.6	South of Java, Indonesia
4234	2023-11-04	17:26:04	8.0480 S	112.0200 E	214 km	2.6	Java, Indonesia
4235	2023-11-04	18:33:05	9.1103 S	113.4551 E	17 km	2.8	South of Java, Indonesia
4236	2023-11-04	18:55:05	9.1365 S	113.0552 E	28 km	2.3	South of Java, Indonesia
4237	2023-11-04	19:29:57	7.3070 S	109.8230 E	20 km	2.1	Java, Indonesia
4238	2023-11-05	00:03:34	8.5527 S	110.0449 E	37 km	2.9	Java, Indonesia
4239	2023-11-05	02:19:49	8.8712 S	115.3742 E	115 km	3.3	Bali Region, Indonesia
4240	2023-11-05	03:25:12	8.2724 S	110.3323 E	13 km	2.1	Java, Indonesia
4241	2023-11-05	06:02:36	9.2720 S	111.9600 E	23 km	3.0	South of Java, Indonesia
4242	2023-11-05	11:10:09	7.9413 S	110.4643 E	16 km	1.8	Java, Indonesia
4243	2023-11-05	12:40:01	8.2058 S	111.8661 E	108 km	2.4	Java, Indonesia
4244	2023-11-05	13:02:54	9.0181 S	110.8093 E	10 km	2.8	South of Java, Indonesia
4245	2023-11-05	13:32:25	10.2292 S	109.8475 E	10 km	3.3	South of Java, Indonesia
4246	2023-11-05	13:50:17	7.2431 S	109.7888 E	12 km	2.0	Java, Indonesia
4247	2023-11-05	14:11:49	7.9388 S	110.4762 E	13 km	1.1	Java, Indonesia
4248	2023-11-05	14:39:56	8.6888 S	109.9766 E	10 km	2.4	Java, Indonesia
4249	2023-11-05	14:43:54	7.9532 S	110.5043 E	12 km	1.0	Java, Indonesia
4250	2023-11-05	15:34:25	8.0994 S	108.7798 E	65 km	2.2	Java, Indonesia
4251	2023-11-05	16:21:44	8.9519 S	110.0421 E	10 km	2.6	Java, Indonesia
4252	2023-11-05	16:29:26	8.7652 S	111.1329 E	16 km	2.5	Java, Indonesia
4253	2023-11-05	17:46:42	8.5439 S	112.2884 E	101 km	2.9	Java, Indonesia
4254	2023-11-05	18:51:20	9.0226 S	112.9529 E	120 km	2.2	South of Java, Indonesia

4255	2023-11-05	19:57:47	8.7113 S	111.1670 E	38 km	2.5	Java, Indonesia
4256	2023-11-05	20:29:47	8.4427 S	109.7776 E	26 km	2.4	Java, Indonesia
4257	2023-11-05	21:12:51	10.9928 S	112.3063 E	10 km	3.5	South of Java, Indonesia
4258	2023-11-06	01:58:32	7.4293 S	110.5839 E	9 km	2.7	Java, Indonesia
4259	2023-11-06	02:51:06	8.3535 S	110.5043 E	115 km	1.8	Java, Indonesia
4260	2023-11-06	03:32:32	8.4863 S	110.3937 E	17 km	3.4	Java, Indonesia
4261	2023-11-06	04:23:26	8.8708 S	111.2077 E	59 km	2.7	Java, Indonesia
4262	2023-11-06	07:59:56	8.8223 S	111.3843 E	53 km	2.8	Java, Indonesia
4263	2023-11-06	09:48:56	8.7376 S	110.5870 E	20 km	2.5	Java, Indonesia
4264	2023-11-06	10:52:42	8.2611 S	112.1146 E	113 km	3.1	Java, Indonesia
4265	2023-11-06	12:10:55	8.4131 S	110.7275 E	9 km	2.3	Java, Indonesia
4266	2023-11-06	14:23:23	9.2090 S	110.2047 E	10 km	2.9	South of Java, Indonesia
4267	2023-11-06	15:59:56	8.8178 S	110.3477 E	13 km	2.8	Java, Indonesia
4268	2023-11-06	19:20:28	8.9179 S	110.4347 E	9 km	3.1	Java, Indonesia
4269	2023-11-06	21:29:36	9.1714 S	110.4726 E	10 km	2.7	South of Java, Indonesia
4270	2023-11-07	01:35:21	8.6757 S	111.5811 E	25 km	2.7	Java, Indonesia
4271	2023-11-07	03:09:57	8.8875 S	110.7461 E	10 km	2.5	Java, Indonesia
4272	2023-11-07	03:12:21	8.9347 S	109.9040 E	21 km	2.7	Java, Indonesia
4273	2023-11-07	04:11:30	8.4202 S	110.7905 E	86 km	2.1	Java, Indonesia
4274	2023-11-07	05:37:06	9.3898 S	116.2384 E	10 km	4.6	Sumbawa Region, Indonesia
4275	2023-11-07	06:12:57	9.1167 S	113.0582 E	7 km	2.7	South of Java, Indonesia
4276	2023-11-07	07:53:31	9.1833 S	114.5853 E	12 km	2.8	South of Bali, Indonesia
4277	2023-11-07	13:23:22	8.3562 S	109.4241 E	10 km	2.7	Java, Indonesia
4278	2023-11-07	14:11:48	10.8012 S	112.0609 E	10 km	3.6	South of Java, Indonesia
4279	2023-11-07	14:26:01	10.0393 S	111.0030 E	10 km	3.2	South of Java, Indonesia
4280	2023-11-07	16:51:01	10.7915 S	111.5926 E	10 km	3.8	South of Java, Indonesia
4281	2023-11-07	17:36:11	8.7869 S	113.1751 E	11 km	2.4	Java, Indonesia
4282	2023-11-07	20:57:17	8.7622 S	108.3917 E	24 km	2.7	Java, Indonesia
4283	2023-11-08	00:46:41	8.9235 S	110.7507 E	7 km	2.6	Java, Indonesia
4284	2023-11-08	01:06:03	8.3428 S	108.9385 E	42 km	2.8	Java, Indonesia

4285	2023-11-08	02:25:27	8.8027 S	111.1871 E	10 km	3.0	Java, Indonesia
4286	2023-11-08	03:04:23	8.7594 S	111.6435 E	30 km	2.7	Java, Indonesia
4287	2023-11-08	04:54:34	8.6527 S	110.0534 E	18 km	3.7	Java, Indonesia
4288	2023-11-08	05:38:09	8.5751 S	111.9547 E	70 km	3.0	Java, Indonesia
4289	2023-11-08	06:42:42	8.6494 S	110.0989 E	30 km	2.5	Java, Indonesia
4290	2023-11-08	06:44:29	9.0502 S	111.2684 E	9 km	2.7	South of Java, Indonesia
4291	2023-11-08	07:10:52	8.0761 S	113.7506 E	15 km	2.2	Java, Indonesia
4292	2023-11-08	08:29:39	8.7965 S	110.9591 E	10 km	2.6	Java, Indonesia
4293	2023-11-08	09:09:25	7.9269 S	110.5355 E	10 km	1.0	Java, Indonesia
4294	2023-11-08	14:57:15	8.7223 S	110.9442 E	28 km	2.3	Java, Indonesia
4295	2023-11-08	15:57:51	8.0908 S	111.9499 E	127 km	2.2	Java, Indonesia
4296	2023-11-08	17:02:27	7.8522 S	110.5091 E	12 km	1.1	Java, Indonesia
4297	2023-11-08	17:47:02	8.2208 S	109.6262 E	63 km	2.4	Java, Indonesia
4298	2023-11-09	00:42:37	8.9239 S	110.2763 E	20 km	2.7	Java, Indonesia
4299	2023-11-09	03:49:19	8.3684 S	111.5132 E	10 km	2.5	Java, Indonesia
4300	2023-11-09	06:47:48	8.0055 S	110.6215 E	118 km	1.6	Java, Indonesia
4301	2023-11-09	07:46:51	8.9201 S	112.0400 E	10 km	2.9	Java, Indonesia
4302	2023-11-09	08:26:19	8.4212 S	110.7188 E	10 km	2.2	Java, Indonesia
4303	2023-11-09	10:03:31	7.2032 S	109.3798 E	3 km	2.7	Java, Indonesia
4304	2023-11-09	10:05:56	7.2633 S	109.6355 E	9 km	2.3	Java, Indonesia
4305	2023-11-09	10:10:01	7.2785 S	109.6383 E	8 km	2.7	Java, Indonesia
4306	2023-11-09	11:33:30	7.4566 S	110.2703 E	46 km	2.4	Java, Indonesia
4307	2023-11-09	11:54:11	8.4192 S	110.6988 E	13 km	1.9	Java, Indonesia
4308	2023-11-09	12:20:35	8.8413 S	110.3053 E	25 km	2.6	Java, Indonesia
4309	2023-11-09	12:52:28	7.9620 S	110.5014 E	13 km	1.2	Java, Indonesia
4310	2023-11-09	14:43:17	8.9593 S	111.2662 E	17 km	2.7	Java, Indonesia
4311	2023-11-09	15:24:49	8.0170 S	112.5069 E	121 km	2.6	Java, Indonesia
4312	2023-11-09	16:44:14	8.0345 S	113.4628 E	81 km	2.5	Java, Indonesia
4313	2023-11-09	16:52:38	8.8394 S	109.9093 E	73 km	2.6	Java, Indonesia
4314	2023-11-09	20:46:26	8.8228 S	112.4833 E	10 km	2.7	Java, Indonesia

4315	2023-11-09	21:34:36	7.9652 S	111.8096 E	131 km	2.5	Java, Indonesia
4316	2023-11-09	21:54:41	8.4467 S	108.8231 E	51 km	2.7	Java, Indonesia
4317	2023-11-10	00:03:42	8.8388 S	109.9737 E	30 km	2.6	Java, Indonesia
4318	2023-11-10	00:08:38	8.8071 S	112.0531 E	58 km	2.9	Java, Indonesia
4319	2023-11-10	00:11:20	7.9861 S	110.4838 E	18 km	1.1	Java, Indonesia
4320	2023-11-10	03:21:39	7.9390 S	110.4482 E	16 km	1.1	Java, Indonesia
4321	2023-11-10	03:28:52	8.9220 S	112.3281 E	31 km	2.8	Java, Indonesia
4322	2023-11-10	03:44:25	8.6520 S	112.3245 E	9 km	2.8	Java, Indonesia
4323	2023-11-10	05:06:57	8.4637 S	109.5617 E	10 km	2.4	Java, Indonesia
4324	2023-11-10	06:28:14	8.0611 S	110.3807 E	11 km	1.4	Java, Indonesia
4325	2023-11-10	08:11:30	9.0800 S	111.3180 E	27 km	3.0	South of Java, Indonesia
4326	2023-11-10	08:49:32	7.9161 S	110.4469 E	13 km	1.2	Java, Indonesia
4327	2023-11-10	09:38:05	10.2192 S	111.0505 E	10 km	3.1	South of Java, Indonesia
4328	2023-11-10	12:46:58	7.2022 S	109.8464 E	10 km	2.1	Java, Indonesia
4329	2023-11-10	13:49:18	9.9515 S	109.9980 E	10 km	3.4	South of Java, Indonesia
4330	2023-11-10	15:31:35	7.9230 S	110.2662 E	36 km	1.9	Java, Indonesia
4331	2023-11-10	19:25:46	8.9341 S	110.7166 E	26 km	2.5	Java, Indonesia
4332	2023-11-10	20:47:15	7.7567 S	109.0000 E	81 km	1.9	Java, Indonesia
4333	2023-11-11	00:37:28	9.0338 S	113.0727 E	32 km	3.0	South of Java, Indonesia
4334	2023-11-11	01:44:44	7.5972 S	109.7349 E	127 km	2.3	Java, Indonesia
4335	2023-11-11	04:41:19	9.1961 S	110.7492 E	10 km	2.6	South of Java, Indonesia
4336	2023-11-11	05:20:32	8.9639 S	110.6148 E	11 km	2.4	Java, Indonesia
4337	2023-11-11	07:04:53	8.6460 S	112.1751 E	10 km	2.9	Java, Indonesia
4338	2023-11-11	14:09:38	8.4649 S	110.7900 E	8 km	2.3	Java, Indonesia
4339	2023-11-11	14:14:05	9.3970 S	111.8639 E	10 km	3.1	South of Java, Indonesia
4340	2023-11-11	15:30:26	7.9146 S	110.5729 E	33 km	1.3	Java, Indonesia
4341	2023-11-11	15:44:08	8.5157 S	110.0523 E	10 km	2.7	Java, Indonesia
4342	2023-11-11	15:47:28	8.4087 S	109.7267 E	22 km	2.6	Java, Indonesia
4343	2023-11-11	15:56:42	9.6166 S	111.1184 E	10 km	3.2	South of Java, Indonesia
4344	2023-11-11	22:14:01	7.9569 S	110.4992 E	16 km	1.2	Java, Indonesia

4345	2023-11-11	23:38:08	8.9938 S	110.3429 E	10 km	2.7	Java, Indonesia
4346	2023-11-12	01:06:38	8.5211 S	111.5168 E	3 km	2.5	Java, Indonesia
4347	2023-11-12	02:20:34	8.2124 S	109.1016 E	38 km	2.8	Java, Indonesia
4348	2023-11-12	03:19:22	9.0267 S	112.6416 E	22 km	2.7	South of Java, Indonesia
4349	2023-11-12	03:25:28	8.5039 S	113.4578 E	10 km	1.8	Java, Indonesia
4350	2023-11-12	03:53:17	7.9167 S	113.1078 E	11 km	2.4	Java, Indonesia
4351	2023-11-12	07:41:37	9.3243 S	113.9636 E	15 km	2.4	South of Java, Indonesia
4352	2023-11-12	08:27:34	8.0434 S	110.6470 E	3 km	1.6	Java, Indonesia
4353	2023-11-12	11:06:22	9.3285 S	115.1271 E	26 km	3.5	South of Bali, Indonesia
4354	2023-11-12	11:16:21	9.3974 S	115.1261 E	41 km	3.4	South of Bali, Indonesia
4355	2023-11-12	11:18:49	8.3161 S	109.0921 E	30 km	2.6	Java, Indonesia
4356	2023-11-12	11:42:25	8.8195 S	110.9322 E	12 km	2.7	Java, Indonesia
4357	2023-11-12	12:05:24	9.3797 S	115.1172 E	27 km	3.4	South of Bali, Indonesia
4358	2023-11-12	12:10:20	9.3911 S	115.0983 E	30 km	3.1	South of Bali, Indonesia
4359	2023-11-12	13:26:13	9.4037 S	115.1932 E	31 km	2.4	South of Bali, Indonesia
4360	2023-11-12	13:38:30	8.8215 S	110.8536 E	8 km	2.6	Java, Indonesia
4361	2023-11-12	14:12:47	8.6825 S	112.0111 E	66 km	2.3	Java, Indonesia
4362	2023-11-12	14:41:54	9.2654 S	112.9023 E	15 km	3.2	South of Java, Indonesia
4363	2023-11-12	15:20:47	9.4179 S	115.1003 E	35 km	3.2	South of Bali, Indonesia
4364	2023-11-12	15:25:14	9.1069 S	110.7721 E	10 km	3.4	South of Java, Indonesia
4365	2023-11-12	16:00:23	7.4601 S	115.2073 E	18 km	2.7	Bali Sea
4366	2023-11-12	17:55:17	9.3431 S	115.1257 E	32 km	2.5	South of Bali, Indonesia
4367	2023-11-12	18:51:11	7.8125 S	113.1366 E	14 km	2.5	Java, Indonesia
4368	2023-11-12	19:02:14	7.2186 S	108.9880 E	216 km	3.1	Java, Indonesia
4369	2023-11-12	19:57:40	8.8875 S	112.3136 E	38 km	3.0	Java, Indonesia
4370	2023-11-12	21:58:23	9.4244 S	112.8605 E	30 km	2.9	South of Java, Indonesia
4371	2023-11-12	23:17:11	8.2958 S	114.0817 E	16 km	2.3	Bali Region, Indonesia
4372	2023-11-13	05:02:11	8.8867 S	111.9455 E	10 km	3.2	Java, Indonesia
4373	2023-11-13	09:46:01	9.1023 S	112.2484 E	23 km	4.2	South of Java, Indonesia
4374	2023-11-13	12:52:05	7.9948 S	110.3991 E	10 km	1.2	Java, Indonesia

4375	2023-11-13	15:34:46	8.2724 S	111.1222 E	10 km	2.5	Java, Indonesia
4376	2023-11-13	15:51:50	9.3242 S	115.1245 E	34 km	3.7	South of Bali, Indonesia
4377	2023-11-13	17:46:12	9.2182 S	113.1556 E	61 km	2.7	South of Java, Indonesia
4378	2023-11-13	23:31:36	9.0483 S	111.1443 E	10 km	2.8	South of Java, Indonesia
4379	2023-11-14	07:56:40	8.7134 S	110.2750 E	10 km	2.8	Java, Indonesia
4380	2023-11-14	08:22:27	8.1098 S	110.0305 E	22 km	2.8	Java, Indonesia
4381	2023-11-14	09:33:06	8.8810 S	113.2849 E	28 km	2.5	Java, Indonesia
4382	2023-11-14	10:34:29	9.4662 S	112.9256 E	10 km	3.0	South of Java, Indonesia
4383	2023-11-14	15:08:27	9.1229 S	111.2989 E	67 km	3.1	South of Java, Indonesia
4384	2023-11-14	15:18:57	8.6268 S	109.8781 E	6 km	2.8	Java, Indonesia
4385	2023-11-14	15:27:33	8.3050 S	109.6234 E	47 km	2.7	Java, Indonesia
4386	2023-11-14	16:45:28	9.4107 S	113.9970 E	8 km	4.8	South of Java, Indonesia
4387	2023-11-14	18:51:33	8.2862 S	108.9619 E	39 km	2.8	Java, Indonesia
4388	2023-11-14	19:08:06	9.4128 S	114.0137 E	3 km	5.0	South of Bali, Indonesia
4389	2023-11-14	19:43:21	8.7670 S	111.4103 E	68 km	2.5	Java, Indonesia
4390	2023-11-14	19:58:36	8.7576 S	108.7223 E	10 km	3.0	Java, Indonesia
4391	2023-11-14	21:23:21	9.4169 S	113.9684 E	6 km	4.1	South of Java, Indonesia
4392	2023-11-14	22:31:48	7.5419 S	114.6736 E	91 km	2.9	Bali Sea
4393	2023-11-15	04:01:32	9.3263 S	113.9553 E	25 km	3.2	South of Java, Indonesia
4394	2023-11-15	08:59:26	7.2229 S	109.8160 E	11 km	2.0	Java, Indonesia
4395	2023-11-15	10:58:53	9.1118 S	116.1593 E	84 km	3.0	Sumbawa Region, Indonesia
4396	2023-11-15	11:45:31	8.4801 S	109.9695 E	17 km	2.4	Java, Indonesia
4397	2023-11-15	12:54:58	10.3112 S	109.9808 E	10 km	3.4	South of Java, Indonesia
4398	2023-11-15	13:33:15	9.1469 S	110.5483 E	7 km	2.8	South of Java, Indonesia
4399	2023-11-15	13:51:17	7.2107 S	109.7585 E	18 km	2.0	Java, Indonesia
4400	2023-11-15	17:33:14	8.5226 S	110.8743 E	46 km	2.6	Java, Indonesia
4401	2023-11-15	17:42:30	8.9018 S	111.5671 E	20 km	2.8	Java, Indonesia
4402	2023-11-15	20:54:52	9.0610 S	112.9268 E	20 km	3.5	South of Java, Indonesia
4403	2023-11-15	21:46:36	8.4659 S	111.1196 E	91 km	2.3	Java, Indonesia
4404	2023-11-16	07:56:20	8.8326 S	110.0939 E	10 km	2.7	Java, Indonesia

4405	2023-11-16	12:40:06	8.8519 S	111.2124 E	7 km	2.8	Java, Indonesia
4406	2023-11-16	15:25:45	9.4489 S	115.1328 E	10 km	2.6	South of Bali, Indonesia
4407	2023-11-16	19:56:42	8.8923 S	111.2217 E	9 km	2.8	Java, Indonesia
4408	2023-11-16	22:21:53	8.7775 S	109.1908 E	10 km	2.6	Java, Indonesia
4409	2023-11-16	23:10:00	8.8717 S	110.7230 E	17 km	2.5	Java, Indonesia
4410	2023-11-17	09:54:29	8.3694 S	109.1090 E	74 km	2.6	Java, Indonesia
4411	2023-11-17	10:13:00	8.6379 S	109.5887 E	0 km	2.4	Java, Indonesia
4412	2023-11-17	10:51:17	8.1490 S	114.0467 E	11 km	2.3	Bali Region, Indonesia
4413	2023-11-17	12:56:36	11.0903 S	115.9516 E	10 km	4.3	South of Bali, Indonesia
4414	2023-11-17	16:50:03	8.3004 S	110.3941 E	17 km	1.8	Java, Indonesia
4415	2023-11-17	17:42:35	8.9507 S	111.3201 E	10 km	2.5	Java, Indonesia
4416	2023-11-17	17:50:14	8.1789 S	107.9421 E	28 km	2.8	Java, Indonesia
4417	2023-11-17	18:14:09	8.2876 S	110.3323 E	10 km	1.8	Java, Indonesia
4418	2023-11-17	18:43:44	8.0249 S	110.5765 E	118 km	1.5	Java, Indonesia
4419	2023-11-17	20:11:41	8.5723 S	111.5916 E	29 km	2.4	Java, Indonesia
4420	2023-11-17	22:28:41	7.7977 S	110.7585 E	5 km	2.7	Java, Indonesia
4421	2023-11-17	22:31:40	8.7164 S	111.9912 E	60 km	2.9	Java, Indonesia
4422	2023-11-18	00:24:11	9.2676 S	114.3144 E	69 km	2.7	South of Bali, Indonesia
4423	2023-11-18	00:37:42	9.0107 S	110.3331 E	62 km	2.6	South of Java, Indonesia
4424	2023-11-18	02:34:32	8.7531 S	109.7359 E	75 km	2.7	Java, Indonesia
4425	2023-11-18	02:48:04	9.6524 S	112.8973 E	10 km	3.2	South of Java, Indonesia
4426	2023-11-18	04:24:55	7.9551 S	110.5477 E	15 km	0.9	Java, Indonesia
4427	2023-11-18	04:30:52	7.9259 S	110.4752 E	10 km	1.6	Java, Indonesia
4428	2023-11-18	04:50:23	9.4017 S	113.9578 E	10 km	2.5	South of Java, Indonesia
4429	2023-11-18	04:55:44	9.2915 S	110.5485 E	10 km	2.6	South of Java, Indonesia
4430	2023-11-18	06:26:28	8.6291 S	108.5803 E	51 km	2.7	Java, Indonesia
4431	2023-11-18	09:19:38	9.3250 S	113.4444 E	20 km	3.1	South of Java, Indonesia
4432	2023-11-18	09:32:37	8.7386 S	109.7674 E	10 km	2.5	Java, Indonesia
4433	2023-11-18	10:03:30	8.6179 S	110.7175 E	15 km	2.3	Java, Indonesia
4434	2023-11-18	10:29:00	8.9898 S	110.4085 E	9 km	2.4	Java, Indonesia

4435	2023-11-18	14:51:30	8.4577 S	108.8254 E	50 km	3.4	Java, Indonesia
4436	2023-11-18	15:17:51	7.3060 S	109.8281 E	10 km	2.3	Java, Indonesia
4437	2023-11-18	15:24:00	8.9595 S	110.7286 E	23 km	2.5	Java, Indonesia
4438	2023-11-18	15:41:14	8.5215 S	108.8003 E	10 km	2.5	Java, Indonesia
4439	2023-11-18	16:15:07	8.8851 S	110.3721 E	12 km	2.9	Java, Indonesia
4440	2023-11-18	17:17:52	8.8000 S	111.8883 E	10 km	2.6	Java, Indonesia
4441	2023-11-18	17:59:04	10.5091 S	113.1802 E	29 km	3.6	South of Java, Indonesia
4442	2023-11-18	18:20:45	7.9183 S	110.4733 E	8 km	1.0	Java, Indonesia
4443	2023-11-18	19:15:04	8.8946 S	110.1805 E	9 km	2.7	Java, Indonesia
4444	2023-11-18	22:09:10	7.4462 S	109.8315 E	6 km	2.5	Java, Indonesia
4445	2023-11-18	22:17:12	9.2587 S	110.6256 E	10 km	2.6	South of Java, Indonesia
4446	2023-11-18	23:13:07	8.3455 S	109.0162 E	39 km	2.2	Java, Indonesia
4447	2023-11-18	23:42:07	10.1435 S	113.1125 E	10 km	3.7	South of Java, Indonesia
4448	2023-11-19	01:21:05	8.8287 S	112.8769 E	117 km	2.5	Java, Indonesia
4449	2023-11-19	01:37:02	8.5499 S	111.8674 E	50 km	2.5	Java, Indonesia
4450	2023-11-19	06:33:35	8.8321 S	111.2928 E	23 km	2.7	Java, Indonesia
4451	2023-11-19	10:47:14	8.7598 S	108.4003 E	28 km	3.4	Java, Indonesia
4452	2023-11-19	12:13:00	8.6791 S	111.2785 E	24 km	2.4	Java, Indonesia
4453	2023-11-19	12:24:47	8.2477 S	110.2857 E	13 km	1.8	Java, Indonesia
4454	2023-11-19	14:37:41	7.8339 S	110.7444 E	12 km	1.4	Java, Indonesia
4455	2023-11-19	14:56:26	8.5879 S	110.9915 E	11 km	2.3	Java, Indonesia
4456	2023-11-19	16:47:16	9.3174 S	113.9146 E	33 km	2.6	South of Java, Indonesia
4457	2023-11-19	17:30:54	9.6318 S	112.8121 E	10 km	4.4	South of Java, Indonesia
4458	2023-11-19	17:50:01	9.5248 S	112.7780 E	10 km	2.5	South of Java, Indonesia
4459	2023-11-19	17:57:27	9.4721 S	112.7904 E	16 km	2.7	South of Java, Indonesia
4460	2023-11-19	18:22:32	7.3446 S	111.9755 E	208 km	2.9	Java, Indonesia
4461	2023-11-19	18:24:43	8.6390 S	113.5860 E	105 km	3.0	Java, Indonesia
4462	2023-11-19	19:36:56	8.8471 S	112.0662 E	29 km	2.8	Java, Indonesia
4463	2023-11-19	21:19:51	7.2290 S	109.8077 E	15 km	2.2	Java, Indonesia
4464	2023-11-19	22:30:12	8.7996 S	110.9523 E	31 km	2.4	Java, Indonesia

4465	2023-11-19	23:05:53	9.5229 S	112.8051 E	19 km	3.1	South of Java, Indonesia
4466	2023-11-20	00:10:22	7.3961 S	114.5042 E	7 km	2.6	Bali Sea
4467	2023-11-20	02:06:13	9.1471 S	112.8731 E	10 km	2.6	South of Java, Indonesia
4468	2023-11-20	06:07:52	8.8709 S	110.6710 E	6 km	2.6	Java, Indonesia
4469	2023-11-20	06:59:07	7.6825 S	109.2543 E	122 km	2.3	Java, Indonesia
4470	2023-11-20	09:21:13	7.4539 S	110.1450 E	99 km	2.1	Java, Indonesia
4471	2023-11-20	10:45:36	8.4637 S	109.9869 E	28 km	2.4	Java, Indonesia
4472	2023-11-20	11:19:44	8.6505 S	109.9690 E	24 km	2.8	Java, Indonesia
4473	2023-11-20	11:27:37	8.0392 S	110.3667 E	21 km	1.7	Java, Indonesia
4474	2023-11-20	12:13:48	8.5760 S	110.8516 E	52 km	2.3	Java, Indonesia
4475	2023-11-20	13:05:14	8.3811 S	109.1075 E	31 km	2.5	Java, Indonesia
4476	2023-11-20	15:38:58	8.5855 S	112.0030 E	84 km	2.7	Java, Indonesia
4477	2023-11-20	16:26:03	7.9502 S	110.5485 E	76 km	1.1	Java, Indonesia
4478	2023-11-20	17:40:11	9.3003 S	110.1438 E	10 km	2.8	South of Java, Indonesia
4479	2023-11-20	17:50:46	8.9623 S	110.4175 E	98 km	2.5	Java, Indonesia
4480	2023-11-20	18:38:40	9.4216 S	113.9184 E	9 km	2.9	South of Java, Indonesia
4481	2023-11-21	02:32:12	8.6479 S	110.0507 E	32 km	2.3	Java, Indonesia
4482	2023-11-21	03:00:03	9.9469 S	113.2112 E	10 km	3.6	South of Java, Indonesia
4483	2023-11-21	04:28:02	10.3195 S	113.2538 E	10 km	3.6	South of Java, Indonesia
4484	2023-11-21	07:26:24	8.7247 S	111.3935 E	84 km	2.5	Java, Indonesia
4485	2023-11-21	11:58:16	8.8299 S	110.2731 E	27 km	2.5	Java, Indonesia
4486	2023-11-21	14:48:49	7.9962 S	110.4684 E	11 km	1.0	Java, Indonesia
4487	2023-11-21	16:53:14	8.2528 S	111.7529 E	126 km	2.6	Java, Indonesia
4488	2023-11-21	18:07:49	8.2660 S	109.0278 E	66 km	2.5	Java, Indonesia
4489	2023-11-21	18:22:26	9.1968 S	113.1855 E	10 km	3.5	South of Java, Indonesia
4490	2023-11-21	20:01:45	8.7043 S	112.4594 E	18 km	2.8	Java, Indonesia
4491	2023-11-21	22:16:47	9.0216 S	111.9903 E	10 km	2.9	South of Java, Indonesia
4492	2023-11-22	05:40:24	8.6011 S	111.7482 E	34 km	2.6	Java, Indonesia
4493	2023-11-22	07:15:40	7.8697 S	109.5089 E	7 km	2.8	Java, Indonesia
4494	2023-11-22	13:17:29	7.9905 S	110.5283 E	12 km	1.1	Java, Indonesia

4495	2023-11-22	13:28:10	8.7096 S	110.4888 E	10 km	2.3	Java, Indonesia
4496	2023-11-22	13:37:41	8.5457 S	115.0789 E	49 km	2.2	Bali Region, Indonesia
4497	2023-11-22	14:45:11	9.1975 S	114.3984 E	7 km	2.4	South of Bali, Indonesia
4498	2023-11-22	14:53:14	7.6227 S	110.5377 E	10 km	2.0	Java, Indonesia
4499	2023-11-22	15:11:39	6.9446 S	109.9596 E	3 km	2.6	Java, Indonesia
4500	2023-11-22	15:21:11	9.0477 S	110.7640 E	13 km	2.7	South of Java, Indonesia
4501	2023-11-22	15:37:07	8.7024 S	110.4038 E	75 km	2.4	Java, Indonesia
4502	2023-11-22	17:34:43	9.3984 S	114.2986 E	27 km	2.4	South of Bali, Indonesia
4503	2023-11-22	20:56:32	9.2030 S	114.0953 E	25 km	2.8	South of Bali, Indonesia
4504	2023-11-22	21:11:24	8.3666 S	111.0262 E	14 km	2.2	Java, Indonesia
4505	2023-11-22	22:23:49	9.0791 S	111.3067 E	10 km	2.6	South of Java, Indonesia
4506	2023-11-22	22:29:48	8.8234 S	110.1533 E	572 km	2.5	Java, Indonesia
4507	2023-11-23	00:51:56	7.9795 S	110.4917 E	9 km	1.0	Java, Indonesia
4508	2023-11-23	02:06:36	8.9479 S	111.6044 E	7 km	3.0	Java, Indonesia
4509	2023-11-23	06:00:14	8.7324 S	111.2153 E	36 km	2.5	Java, Indonesia
4510	2023-11-23	08:17:50	8.7491 S	110.8513 E	26 km	2.4	Java, Indonesia
4511	2023-11-23	10:20:01	7.4896 S	109.7962 E	6 km	1.9	Java, Indonesia
4512	2023-11-23	11:25:43	8.9588 S	110.6213 E	29 km	2.9	Java, Indonesia
4513	2023-11-23	15:00:37	7.8616 S	114.3661 E	8 km	2.1	Bali Sea
4514	2023-11-23	15:30:23	7.9096 S	110.1978 E	2 km	1.7	Java, Indonesia
4515	2023-11-23	16:26:14	8.2534 S	110.2998 E	10 km	2.3	Java, Indonesia
4516	2023-11-23	19:27:53	8.6257 S	108.6467 E	56 km	2.6	Java, Indonesia
4517	2023-11-23	20:43:46	8.5618 S	113.5578 E	103 km	2.0	Java, Indonesia
4518	2023-11-23	22:31:11	7.9733 S	110.5629 E	25 km	1.5	Java, Indonesia
4519	2023-11-24	01:57:10	7.9945 S	110.2438 E	20 km	1.5	Java, Indonesia
4520	2023-11-24	03:58:59	8.9018 S	110.8580 E	8 km	2.6	Java, Indonesia
4521	2023-11-24	06:30:59	7.9543 S	110.4579 E	12 km	1.2	Java, Indonesia
4522	2023-11-24	10:25:58	9.1381 S	110.7584 E	10 km	3.1	South of Java, Indonesia
4523	2023-11-24	11:44:40	7.7151 S	111.6971 E	115 km	2.5	Java, Indonesia
4524	2023-11-24	12:44:33	8.9712 S	111.1893 E	96 km	2.7	Java, Indonesia

4525	2023-11-24	13:01:34	8.4295 S	110.2926 E	9 km	2.3	Java, Indonesia
4526	2023-11-24	15:20:24	8.0333 S	110.5079 E	8 km	1.1	Java, Indonesia
4527	2023-11-24	15:25:56	7.9587 S	110.4616 E	9 km	1.9	Java, Indonesia
4528	2023-11-24	16:06:27	7.8839 S	110.4515 E	12 km	1.1	Java, Indonesia
4529	2023-11-24	16:50:10	7.8572 S	110.5496 E	20 km	1.1	Java, Indonesia
4530	2023-11-24	17:15:04	7.9455 S	110.9256 E	20 km	1.7	Java, Indonesia
4531	2023-11-24	17:24:12	6.8520 S	110.3017 E	29 km	2.6	Java, Indonesia
4532	2023-11-24	17:58:59	8.7905 S	110.4689 E	10 km	2.3	Java, Indonesia
4533	2023-11-24	18:41:57	7.5870 S	111.2129 E	6 km	2.3	Java, Indonesia
4534	2023-11-24	21:51:50	6.9952 S	110.2342 E	129 km	1.7	Java, Indonesia
4535	2023-11-24	23:07:44	8.4428 S	110.2746 E	24 km	2.2	Java, Indonesia
4536	2023-11-25	02:41:22	10.4959 S	113.3501 E	10 km	2.9	South of Java, Indonesia
4537	2023-11-25	07:28:04	6.9369 S	110.4460 E	14 km	2.2	Java, Indonesia
4538	2023-11-25	07:53:04	8.7244 S	112.3787 E	97 km	3.0	Java, Indonesia
4539	2023-11-25	08:28:59	9.5106 S	112.9323 E	10 km	3.0	South of Java, Indonesia
4540	2023-11-25	09:35:19	7.8758 S	110.6607 E	21 km	1.3	Java, Indonesia
4541	2023-11-25	12:18:27	9.0830 S	111.2429 E	58 km	2.7	South of Java, Indonesia
4542	2023-11-25	13:18:01	8.8782 S	110.7011 E	10 km	2.5	Java, Indonesia
4543	2023-11-25	14:55:35	8.2787 S	110.2908 E	11 km	1.9	Java, Indonesia
4544	2023-11-25	15:44:36	9.5076 S	114.3079 E	13 km	2.5	South of Bali, Indonesia
4545	2023-11-25	16:24:21	8.4298 S	110.6361 E	14 km	2.2	Java, Indonesia
4546	2023-11-25	17:11:19	9.5816 S	112.9300 E	11 km	3.0	South of Java, Indonesia
4547	2023-11-25	19:14:24	8.3933 S	110.6783 E	17 km	2.0	Java, Indonesia
4548	2023-11-25	20:29:32	8.8405 S	110.4590 E	27 km	2.3	Java, Indonesia
4549	2023-11-25	22:07:32	9.2055 S	110.5642 E	10 km	2.5	South of Java, Indonesia
4550	2023-11-25	23:35:49	8.7865 S	112.2327 E	10 km	2.8	Java, Indonesia
4551	2023-11-26	00:45:47	8.7823 S	110.9494 E	17 km	2.4	Java, Indonesia
4552	2023-11-26	05:43:39	9.7566 S	110.4360 E	10 km	3.2	South of Java, Indonesia
4553	2023-11-26	07:15:12	9.3030 S	113.9404 E	11 km	2.5	South of Java, Indonesia
4554	2023-11-26	15:07:16	8.2684 S	109.4468 E	91 km	2.6	Java, Indonesia

4555	2023-11-26	16:29:19	8.5614 S	110.0100 E	36 km	2.2	Java, Indonesia
4556	2023-11-26	17:16:35	7.1637 S	109.7875 E	18 km	2.1	Java, Indonesia
4557	2023-11-26	21:03:08	9.8244 S	109.1750 E	314 km	3.2	South of Java, Indonesia
4558	2023-11-26	21:38:43	8.2345 S	108.5883 E	36 km	2.1	Java, Indonesia
4559	2023-11-26	22:31:06	9.6939 S	114.1135 E	21 km	2.8	South of Bali, Indonesia
4560	2023-11-27	01:41:46	9.0859 S	113.0807 E	33 km	2.6	South of Java, Indonesia
4561	2023-11-27	03:01:16	8.5363 S	110.4027 E	10 km	2.5	Java, Indonesia
4562	2023-11-27	03:24:14	7.0206 S	110.5770 E	6 km	2.5	Java, Indonesia
4563	2023-11-27	05:46:46	9.6643 S	116.3192 E	11 km	3.0	Sumbawa Region, Indonesia
4564	2023-11-27	07:04:43	8.8139 S	110.6375 E	10 km	2.3	Java, Indonesia
4565	2023-11-27	07:22:21	8.8317 S	112.5095 E	35 km	3.2	Java, Indonesia
4566	2023-11-27	08:19:01	8.7907 S	112.8412 E	117 km	4.6	Java, Indonesia
4567	2023-11-27	08:57:00	7.5025 S	109.2215 E	3 km	1.2	Java, Indonesia
4568	2023-11-27	09:34:34	8.0407 S	110.3901 E	6 km	1.3	Java, Indonesia
4569	2023-11-27	09:53:34	7.9609 S	110.5279 E	9 km	0.9	Java, Indonesia
4570	2023-11-27	11:05:23	8.5085 S	113.2811 E	42 km	2.2	Java, Indonesia
4571	2023-11-27	11:30:33	8.5032 S	110.1649 E	40 km	2.4	Java, Indonesia
4572	2023-11-27	12:50:17	8.4001 S	110.6958 E	60 km	2.2	Java, Indonesia
4573	2023-11-27	13:44:17	8.5553 S	110.2966 E	17 km	2.3	Java, Indonesia
4574	2023-11-27	14:14:54	8.7438 S	110.9618 E	36 km	2.6	Java, Indonesia
4575	2023-11-27	14:30:11	9.3581 S	113.9137 E	35 km	2.5	South of Java, Indonesia
4576	2023-11-27	16:19:24	8.8756 S	111.0648 E	28 km	2.5	Java, Indonesia
4577	2023-11-27	17:47:13	8.2275 S	110.6483 E	10 km	2.2	Java, Indonesia
4578	2023-11-27	18:15:38	7.4840 S	109.0451 E	13 km	2.0	Java, Indonesia
4579	2023-11-27	18:18:38	9.1780 S	110.6756 E	10 km	2.6	South of Java, Indonesia
4580	2023-11-27	18:37:53	8.0929 S	111.5444 E	26 km	2.6	Java, Indonesia
4581	2023-11-27	19:04:52	8.4507 S	111.2153 E	68 km	2.5	Java, Indonesia
4582	2023-11-27	19:14:55	7.4329 S	110.9361 E	10 km	2.3	Java, Indonesia
4583	2023-11-27	19:18:44	8.8481 S	110.3401 E	12 km	2.5	Java, Indonesia
4584	2023-11-27	19:24:00	8.3304 S	112.8256 E	195 km	3.2	Java, Indonesia

4585	2023-11-27	19:26:41	9.1121 S	113.1145 E	13 km	2.6	South of Java, Indonesia
4586	2023-11-27	19:49:10	9.4027 S	113.9849 E	36 km	2.6	South of Java, Indonesia
4587	2023-11-27	20:20:39	8.2973 S	110.3202 E	13 km	2.1	Java, Indonesia
4588	2023-11-27	20:29:42	9.2332 S	113.4373 E	66 km	2.6	South of Java, Indonesia
4589	2023-11-27	21:14:35	8.8814 S	111.7743 E	9 km	2.6	Java, Indonesia
4590	2023-11-27	22:39:04	9.7380 S	114.1185 E	10 km	3.3	South of Bali, Indonesia
4591	2023-11-28	01:49:48	7.9490 S	110.4670 E	14 km	1.1	Java, Indonesia
4592	2023-11-28	02:34:21	9.4964 S	111.4825 E	12 km	3.2	South of Java, Indonesia
4593	2023-11-28	05:13:20	10.8887 S	111.9189 E	90 km	3.8	South of Java, Indonesia
4594	2023-11-28	07:43:34	9.2096 S	112.9113 E	10 km	2.7	South of Java, Indonesia
4595	2023-11-28	09:29:55	9.1954 S	112.9972 E	10 km	2.8	South of Java, Indonesia
4596	2023-11-28	11:23:26	9.0104 S	111.3295 E	13 km	3.3	South of Java, Indonesia
4597	2023-11-28	12:12:31	8.8469 S	109.4580 E	27 km	2.7	Java, Indonesia
4598	2023-11-28	14:45:08	8.9229 S	110.4533 E	36 km	2.7	Java, Indonesia
4599	2023-11-28	16:42:58	8.0102 S	110.4435 E	14 km	1.2	Java, Indonesia
4600	2023-11-28	17:10:46	7.4101 S	110.1171 E	75 km	2.4	Java, Indonesia
4601	2023-11-28	17:47:34	8.0596 S	110.6235 E	81 km	1.3	Java, Indonesia
4602	2023-11-29	02:40:45	7.9249 S	110.4510 E	10 km	1.0	Java, Indonesia
4603	2023-11-29	05:19:14	8.5999 S	110.0672 E	37 km	2.4	Java, Indonesia
4604	2023-11-29	08:41:38	9.0451 S	111.1773 E	80 km	2.7	South of Java, Indonesia
4605	2023-11-29	09:30:31	9.3206 S	110.5252 E	10 km	2.8	South of Java, Indonesia
4606	2023-11-29	09:35:55	8.8637 S	110.1462 E	35 km	2.7	Java, Indonesia
4607	2023-11-29	09:41:22	8.9184 S	111.1083 E	11 km	3.1	Java, Indonesia
4608	2023-11-29	12:07:12	9.2281 S	110.4859 E	10 km	2.8	South of Java, Indonesia
4609	2023-11-29	12:24:44	7.9439 S	110.3103 E	10 km	1.4	Java, Indonesia
4610	2023-11-29	13:18:51	9.2792 S	110.5340 E	10 km	2.7	South of Java, Indonesia
4611	2023-11-29	15:15:35	8.8351 S	110.2890 E	15 km	3.4	Java, Indonesia
4612	2023-11-29	16:19:44	8.8416 S	110.3291 E	25 km	2.9	Java, Indonesia
4613	2023-11-29	16:54:07	8.4028 S	110.5984 E	110 km	2.2	Java, Indonesia
4614	2023-11-29	17:01:08	9.2056 S	110.6706 E	8 km	2.6	South of Java, Indonesia

4615	2023-11-29	18:12:49	9.1676 S	108.5496 E	33 km	3.1	South of Java, Indonesia
4616	2023-11-29	18:19:58	8.9554 S	108.6372 E	68 km	2.8	Java, Indonesia
4617	2023-11-29	19:54:45	8.8873 S	110.5364 E	46 km	2.5	Java, Indonesia
4618	2023-11-29	20:23:14	8.7237 S	108.6672 E	124 km	3.1	Java, Indonesia
4619	2023-11-29	21:01:17	9.0662 S	112.5901 E	10 km	2.6	South of Java, Indonesia
4620	2023-11-29	21:37:08	8.4845 S	110.4196 E	45 km	2.5	Java, Indonesia
4621	2023-11-30	02:07:15	10.4067 S	110.1505 E	10 km	3.3	South of Java, Indonesia
4622	2023-11-30	02:16:48	10.4188 S	110.2357 E	10 km	3.3	South of Java, Indonesia
4623	2023-11-30	03:46:38	10.4810 S	110.3989 E	10 km	3.3	South of Java, Indonesia
4624	2023-11-30	05:02:06	8.5537 S	114.0644 E	12 km	2.1	Bali Region, Indonesia
4625	2023-11-30	06:17:22	8.3804 S	111.0206 E	81 km	2.2	Java, Indonesia
4626	2023-11-30	06:26:34	7.9506 S	110.5283 E	17 km	1.2	Java, Indonesia
4627	2023-11-30	06:51:36	7.6143 S	114.4088 E	42 km	2.0	Bali Sea
4628	2023-11-30	12:07:13	7.7072 S	109.9388 E	10 km	2.0	Java, Indonesia
4629	2023-11-30	14:52:13	10.7749 S	110.1772 E	10 km	4.0	South of Java, Indonesia
4630	2023-11-30	15:34:44	8.3387 S	112.2446 E	186 km	2.5	Java, Indonesia
4631	2023-11-30	18:10:23	7.9679 S	110.4615 E	19 km	1.2	Java, Indonesia
4632	2023-11-30	18:20:19	8.5335 S	111.1082 E	10 km	2.4	Java, Indonesia
4633	2023-11-30	18:27:48	9.0084 S	111.5223 E	10 km	2.7	South of Java, Indonesia
4634	2023-11-30	19:29:08	8.6104 S	111.1003 E	54 km	2.3	Java, Indonesia
4635	2023-11-30	21:25:25	8.9244 S	111.0420 E	13 km	2.8	Java, Indonesia
4636	2023-11-30	22:00:55	7.8241 S	111.4317 E	17 km	1.6	Java, Indonesia
4637	2023-11-30	22:02:46	7.8182 S	111.4182 E	22 km	1.4	Java, Indonesia
4638	2023-11-30	22:32:41	7.2222 S	109.8141 E	9 km	1.7	Java, Indonesia
4639	2023-11-30	23:05:38	9.3125 S	113.9965 E	19 km	2.9	South of Java, Indonesia
4640	2023-11-30	23:30:45	7.9874 S	110.5504 E	4 km	1.2	Java, Indonesia
4641	2023-11-30	23:41:41	8.3530 S	108.5694 E	33 km	2.6	Java, Indonesia
4642	2023-12-01	00:17:12	7.8447 S	110.4707 E	12 km	1.2	Java, Indonesia
4643	2023-12-01	02:49:41	8.4462 S	108.9898 E	10 km	2.5	Java, Indonesia
4644	2023-12-01	03:31:17	8.7409 S	115.6526 E	77 km	2.5	Bali Region, Indonesia

4645	2023-12-01	04:20:30	10.3710 S	110.5130 E	10 km	3.3	South of Java, Indonesia
4646	2023-12-01	06:56:13	7.8997 S	110.0243 E	10 km	2.1	Java, Indonesia
4647	2023-12-01	09:04:24	8.3861 S	109.8578 E	10 km	2.6	Java, Indonesia
4648	2023-12-01	09:29:10	9.4008 S	113.9983 E	20 km	2.5	South of Java, Indonesia
4649	2023-12-01	10:04:07	9.4559 S	110.2556 E	10 km	3.0	South of Java, Indonesia
4650	2023-12-01	11:06:58	6.3985 S	113.3858 E	7 km	2.8	Java, Indonesia
4651	2023-12-01	14:28:50	8.3273 S	109.5059 E	10 km	2.6	Java, Indonesia
4652	2023-12-01	15:04:23	8.3755 S	110.6386 E	19 km	2.3	Java, Indonesia
4653	2023-12-01	16:37:08	9.5944 S	113.9972 E	10 km	2.4	South of Java, Indonesia
4654	2023-12-01	16:54:52	8.2757 S	108.8027 E	73 km	2.4	Java, Indonesia
4655	2023-12-01	16:59:35	9.5482 S	112.8401 E	31 km	3.0	South of Java, Indonesia
4656	2023-12-01	17:24:23	8.5606 S	110.0000 E	27 km	2.7	Java, Indonesia
4657	2023-12-01	20:08:16	10.7258 S	113.7776 E	10 km	3.5	South of Java, Indonesia
4658	2023-12-01	22:20:40	7.8404 S	110.2618 E	71 km	1.7	Java, Indonesia
4659	2023-12-02	00:08:36	9.0653 S	113.2095 E	10 km	2.6	South of Java, Indonesia
4660	2023-12-02	00:54:32	9.3956 S	112.8585 E	13 km	3.2	South of Java, Indonesia
4661	2023-12-02	03:58:24	8.8708 S	111.7484 E	30 km	3.2	Java, Indonesia
4662	2023-12-02	04:02:38	9.4555 S	112.9824 E	11 km	2.7	South of Java, Indonesia
4663	2023-12-02	05:37:24	9.8025 S	112.4853 E	10 km	5.3	South of Java, Indonesia
4664	2023-12-02	07:01:42	10.0463 S	109.9134 E	10 km	3.4	South of Java, Indonesia
4665	2023-12-02	09:04:33	7.8401 S	114.3000 E	16 km	2.4	Bali Sea
4666	2023-12-02	10:19:55	7.9867 S	110.5470 E	22 km	1.1	Java, Indonesia
4667	2023-12-02	11:02:45	8.2818 S	108.8381 E	79 km	2.9	Java, Indonesia
4668	2023-12-02	11:35:45	8.3836 S	110.1603 E	84 km	3.3	Java, Indonesia
4669	2023-12-02	12:02:22	7.9274 S	115.2564 E	18 km	2.5	Bali Sea
4670	2023-12-02	12:27:41	8.7379 S	110.3501 E	9 km	2.5	Java, Indonesia
4671	2023-12-02	15:58:29	8.8269 S	109.9856 E	15 km	2.8	Java, Indonesia
4672	2023-12-02	16:04:08	7.6579 S	115.0030 E	10 km	3.3	Bali Sea
4673	2023-12-02	16:10:33	7.6761 S	114.9735 E	10 km	3.5	Bali Sea
4674	2023-12-02	16:36:58	9.5045 S	114.8711 E	15 km	2.7	South of Bali, Indonesia

4675	2023-12-02	17:09:36	7.6456 S	111.1832 E	13 km	2.4	Java, Indonesia
4676	2023-12-02	19:14:04	8.9913 S	110.9860 E	10 km	3.0	Java, Indonesia
4677	2023-12-02	19:21:30	8.0542 S	108.5676 E	54 km	2.9	Java, Indonesia
4678	2023-12-02	19:28:50	7.8795 S	110.4655 E	10 km	1.6	Java, Indonesia
4679	2023-12-02	19:44:30	8.8106 S	110.8460 E	17 km	2.6	Java, Indonesia
4680	2023-12-02	20:45:44	8.8260 S	112.0968 E	31 km	2.9	Java, Indonesia
4681	2023-12-03	02:04:51	8.5545 S	109.9953 E	22 km	2.6	Java, Indonesia
4682	2023-12-03	06:51:34	8.5148 S	108.6788 E	27 km	2.2	Java, Indonesia
4683	2023-12-03	07:00:34	9.4060 S	113.2900 E	10 km	3.3	South of Java, Indonesia
4684	2023-12-03	14:37:29	9.3922 S	112.3423 E	10 km	3.1	South of Java, Indonesia
4685	2023-12-03	16:19:32	8.6056 S	111.3907 E	10 km	2.4	Java, Indonesia
4686	2023-12-03	18:14:24	9.3731 S	112.2572 E	8 km	2.7	South of Java, Indonesia
4687	2023-12-03	18:54:12	9.4550 S	112.3632 E	16 km	3.1	South of Java, Indonesia
4688	2023-12-03	19:10:55	8.9562 S	113.5713 E	37 km	2.5	Java, Indonesia
4689	2023-12-03	21:32:10	9.1301 S	113.2752 E	22 km	2.8	South of Java, Indonesia
4690	2023-12-03	22:19:15	10.3929 S	110.1949 E	77 km	3.3	South of Java, Indonesia
4691	2023-12-03	23:19:31	9.1430 S	112.4242 E	36 km	2.9	South of Java, Indonesia
4692	2023-12-03	23:36:36	7.9662 S	110.4685 E	9 km	0.9	Java, Indonesia
4693	2023-12-03	23:45:22	7.8236 S	110.7690 E	17 km	1.4	Java, Indonesia
4694	2023-12-04	00:05:26	7.9278 S	110.5496 E	15 km	1.2	Java, Indonesia
4695	2023-12-04	00:19:03	8.9511 S	111.7216 E	6 km	2.6	Java, Indonesia
4696	2023-12-04	00:41:43	8.0710 S	108.6786 E	106 km	1.8	Java, Indonesia
4697	2023-12-04	07:18:13	8.8057 S	110.1988 E	29 km	3.0	Java, Indonesia
4698	2023-12-04	08:09:39	9.1716 S	113.1155 E	10 km	2.7	South of Java, Indonesia
4699	2023-12-04	08:19:57	8.6535 S	110.0118 E	35 km	2.5	Java, Indonesia
4700	2023-12-04	08:58:33	8.7042 S	110.3227 E	25 km	2.4	Java, Indonesia
4701	2023-12-04	09:47:47	8.8992 S	114.9697 E	72 km	3.2	Bali Region, Indonesia
4702	2023-12-04	10:08:01	9.1623 S	113.5516 E	22 km	2.7	South of Java, Indonesia
4703	2023-12-04	10:37:24	9.9002 S	113.4535 E	10 km	3.4	South of Java, Indonesia
4704	2023-12-04	11:11:40	9.0713 S	111.2705 E	10 km	2.6	South of Java, Indonesia

4705	2023-12-04	11:58:05	8.0128 S	108.8010 E	10 km	2.7	Java, Indonesia
4706	2023-12-04	12:28:19	6.9936 S	109.4200 E	44 km	1.6	Java, Indonesia
4707	2023-12-04	13:15:30	8.0119 S	110.5815 E	4 km	1.4	Java, Indonesia
4708	2023-12-04	14:43:29	8.9383 S	110.2612 E	10 km	2.6	Java, Indonesia
4709	2023-12-04	14:47:02	6.3742 S	113.4284 E	20 km	3.0	Java, Indonesia
4710	2023-12-04	15:22:55	7.6383 S	113.7729 E	12 km	2.6	Java, Indonesia
4711	2023-12-04	15:26:22	8.0558 S	110.7496 E	20 km	1.5	Java, Indonesia
4712	2023-12-04	17:15:19	7.9301 S	110.4770 E	17 km	1.2	Java, Indonesia
4713	2023-12-04	17:30:17	8.4910 S	111.5710 E	10 km	2.6	Java, Indonesia
4714	2023-12-04	17:45:14	8.0665 S	111.3865 E	191 km	2.2	Java, Indonesia
4715	2023-12-04	17:51:30	9.0406 S	111.1875 E	10 km	2.5	South of Java, Indonesia
4716	2023-12-04	18:12:11	7.2484 S	114.4766 E	12 km	2.2	Bali Sea
4717	2023-12-04	19:29:58	8.7467 S	111.0716 E	26 km	2.7	Java, Indonesia
4718	2023-12-04	19:48:26	7.6912 S	113.9572 E	10 km	2.3	Java, Indonesia
4719	2023-12-04	20:00:42	7.9964 S	110.7454 E	123 km	1.8	Java, Indonesia
4720	2023-12-04	21:13:04	8.4420 S	113.4752 E	14 km	1.6	Java, Indonesia
4721	2023-12-04	22:19:29	9.3388 S	112.8642 E	10 km	2.5	South of Java, Indonesia
4722	2023-12-04	22:24:36	9.0129 S	111.9101 E	104 km	2.5	South of Java, Indonesia
4723	2023-12-04	22:32:55	9.5004 S	110.0200 E	10 km	3.1	South of Java, Indonesia
4724	2023-12-04	22:45:18	9.7229 S	114.1014 E	9 km	3.2	South of Bali, Indonesia
4725	2023-12-04	23:17:59	9.7378 S	114.1963 E	10 km	3.2	South of Bali, Indonesia
4726	2023-12-05	06:18:51	10.0659 S	113.2530 E	10 km	3.4	South of Java, Indonesia
4727	2023-12-05	09:10:51	9.6942 S	114.1057 E	10 km	2.9	South of Bali, Indonesia
4728	2023-12-05	11:41:50	7.1012 S	109.8580 E	24 km	2.1	Java, Indonesia
4729	2023-12-05	12:16:49	9.3494 S	110.3528 E	10 km	3.2	South of Java, Indonesia
4730	2023-12-05	14:54:30	8.4574 S	110.6656 E	16 km	2.3	Java, Indonesia
4731	2023-12-05	15:36:01	9.0186 S	111.1696 E	8 km	2.9	South of Java, Indonesia
4732	2023-12-05	16:00:35	9.9236 S	109.4869 E	10 km	3.4	South of Java, Indonesia
4733	2023-12-05	16:06:58	8.8087 S	110.5122 E	25 km	2.6	Java, Indonesia
4734	2023-12-05	16:10:12	7.2391 S	109.7938 E	23 km	1.8	Java, Indonesia

4735	2023-12-05	18:33:49	9.2142 S	113.0514 E	20 km	2.6	South of Java, Indonesia
4736	2023-12-05	20:36:03	8.6900 S	111.4793 E	69 km	2.7	Java, Indonesia
4737	2023-12-06	02:01:55	7.9613 S	110.3715 E	152 km	1.7	Java, Indonesia
4738	2023-12-06	04:14:36	8.9945 S	112.1146 E	10 km	3.1	Java, Indonesia
4739	2023-12-06	04:29:47	9.3324 S	113.9604 E	30 km	2.7	South of Java, Indonesia
4740	2023-12-06	09:49:40	8.8946 S	112.0268 E	16 km	2.7	Java, Indonesia
4741	2023-12-06	10:30:45	8.1783 S	112.2645 E	153 km	2.7	Java, Indonesia
4742	2023-12-06	11:01:24	9.6023 S	112.8953 E	32 km	3.1	South of Java, Indonesia
4743	2023-12-06	13:39:55	9.3757 S	112.3010 E	10 km	3.1	South of Java, Indonesia
4744	2023-12-06	13:57:33	9.5953 S	113.0588 E	10 km	3.2	South of Java, Indonesia
4745	2023-12-06	16:17:36	7.2471 S	109.7619 E	27 km	2.0	Java, Indonesia
4746	2023-12-06	16:24:31	8.5721 S	109.9761 E	41 km	2.6	Java, Indonesia
4747	2023-12-06	19:17:15	7.4759 S	111.1809 E	6 km	2.2	Java, Indonesia
4748	2023-12-07	00:44:10	9.6620 S	112.5486 E	10 km	3.2	South of Java, Indonesia
4749	2023-12-07	01:51:17	8.8067 S	110.3329 E	24 km	2.7	Java, Indonesia
4750	2023-12-07	01:55:42	8.5245 S	109.9995 E	49 km	2.7	Java, Indonesia
4751	2023-12-07	05:01:11	8.0107 S	111.9742 E	10 km	2.1	Java, Indonesia
4752	2023-12-07	07:48:46	8.0107 S	110.7196 E	94 km	1.5	Java, Indonesia
4753	2023-12-07	09:21:20	8.8119 S	111.3777 E	16 km	3.0	Java, Indonesia
4754	2023-12-07	10:17:38	8.7578 S	110.9854 E	23 km	2.6	Java, Indonesia
4755	2023-12-07	12:14:05	7.9327 S	110.4727 E	8 km	1.1	Java, Indonesia
4756	2023-12-07	14:25:51	9.8229 S	108.3788 E	16 km	4.1	South of Java, Indonesia
4757	2023-12-07	15:05:28	6.6780 S	110.9044 E	11 km	2.8	Java, Indonesia
4758	2023-12-07	16:12:41	9.1206 S	112.3989 E	10 km	4.2	South of Java, Indonesia
4759	2023-12-07	17:07:55	8.9557 S	114.6789 E	74 km	3.0	Bali Region, Indonesia
4760	2023-12-07	18:26:52	8.5583 S	110.3278 E	12 km	2.5	Java, Indonesia
4761	2023-12-07	19:01:24	7.9965 S	110.4695 E	16 km	1.1	Java, Indonesia
4762	2023-12-07	19:08:41	7.8948 S	114.3550 E	5 km	3.2	Bali Sea
4763	2023-12-07	19:23:15	8.0627 S	111.6497 E	3 km	1.6	Java, Indonesia
4764	2023-12-07	20:12:30	7.9194 S	114.2940 E	18 km	2.6	Bali Sea

4765	2023-12-07	21:00:18	9.0294 S	111.2325 E	7 km	2.7	South of Java, Indonesia
4766	2023-12-07	21:54:14	8.6581 S	109.5847 E	6 km	2.6	Java, Indonesia
4767	2023-12-07	22:56:08	9.0206 S	110.4863 E	17 km	2.6	South of Java, Indonesia
4768	2023-12-07	23:44:27	8.8897 S	113.5101 E	58 km	2.8	Java, Indonesia
4769	2023-12-07	23:51:40	9.0464 S	111.2395 E	10 km	2.6	South of Java, Indonesia
4770	2023-12-08	03:39:16	8.8066 S	111.1653 E	10 km	2.7	Java, Indonesia
4771	2023-12-08	03:50:52	9.0959 S	112.6355 E	59 km	2.5	South of Java, Indonesia
4772	2023-12-08	06:42:58	9.6796 S	114.6553 E	10 km	3.7	South of Bali, Indonesia
4773	2023-12-08	08:34:39	9.9756 S	114.6760 E	6 km	3.2	South of Bali, Indonesia
4774	2023-12-08	08:50:00	7.9820 S	110.4816 E	8 km	1.2	Java, Indonesia
4775	2023-12-08	09:33:32	8.6969 S	116.3741 E	110 km	2.9	Sumbawa Region, Indonesia
4776	2023-12-08	12:16:57	8.9257 S	111.0086 E	13 km	2.7	Java, Indonesia
4777	2023-12-08	14:58:14	8.0014 S	110.4732 E	17 km	1.2	Java, Indonesia
4778	2023-12-08	15:36:28	7.9238 S	110.2402 E	106 km	1.7	Java, Indonesia
4779	2023-12-08	16:03:56	7.9966 S	110.4736 E	19 km	1.2	Java, Indonesia
4780	2023-12-08	16:12:49	8.2729 S	110.9997 E	65 km	2.3	Java, Indonesia
4781	2023-12-08	16:14:15	8.7666 S	111.3523 E	20 km	2.6	Java, Indonesia
4782	2023-12-08	16:28:38	8.0153 S	110.4755 E	9 km	1.2	Java, Indonesia
4783	2023-12-08	16:38:27	7.9704 S	110.4450 E	22 km	1.3	Java, Indonesia
4784	2023-12-08	16:43:41	7.6015 S	114.1563 E	46 km	2.1	Bali Sea
4785	2023-12-08	17:33:19	7.9503 S	110.4341 E	19 km	1.1	Java, Indonesia
4786	2023-12-08	17:45:27	7.9973 S	110.4667 E	7 km	1.3	Java, Indonesia
4787	2023-12-08	18:23:38	8.8594 S	112.4660 E	28 km	2.9	Java, Indonesia
4788	2023-12-08	18:28:52	7.9927 S	110.4599 E	15 km	1.2	Java, Indonesia
4789	2023-12-08	20:00:45	7.9758 S	110.5130 E	20 km	1.1	Java, Indonesia
4790	2023-12-08	22:06:58	8.9136 S	109.9717 E	91 km	2.7	Java, Indonesia
4791	2023-12-08	22:21:55	8.0449 S	110.4389 E	10 km	1.2	Java, Indonesia
4792	2023-12-08	23:33:58	8.2622 S	109.9299 E	10 km	2.3	Java, Indonesia
4793	2023-12-09	00:10:24	8.7619 S	110.5438 E	17 km	2.4	Java, Indonesia
4794	2023-12-09	02:24:56	9.3518 S	113.2788 E	15 km	3.3	South of Java, Indonesia

4795	2023-12-09	04:26:17	8.6444 S	112.0565 E	8 km	2.6	Java, Indonesia
4796	2023-12-09	05:12:20	8.3542 S	110.6336 E	15 km	2.6	Java, Indonesia
4797	2023-12-09	08:07:19	7.9418 S	110.4427 E	11 km	1.5	Java, Indonesia
4798	2023-12-09	09:22:02	7.9311 S	110.4864 E	15 km	1.3	Java, Indonesia
4799	2023-12-09	10:48:19	8.2936 S	112.0691 E	147 km	2.7	Java, Indonesia
4800	2023-12-09	10:57:38	8.6238 S	113.4367 E	24 km	2.2	Java, Indonesia
4801	2023-12-09	12:07:17	8.1327 S	114.7054 E	15 km	1.9	Bali Region, Indonesia
4802	2023-12-09	12:08:54	9.7955 S	111.5819 E	10 km	3.4	South of Java, Indonesia
4803	2023-12-09	12:38:05	7.9703 S	110.4533 E	19 km	1.9	Java, Indonesia
4804	2023-12-09	13:30:03	8.2556 S	112.9288 E	102 km	2.3	Java, Indonesia
4805	2023-12-09	13:32:09	7.9120 S	110.4820 E	12 km	1.3	Java, Indonesia
4806	2023-12-09	14:13:27	8.4168 S	111.4456 E	102 km	2.6	Java, Indonesia
4807	2023-12-09	14:56:22	7.3087 S	109.8484 E	17 km	1.6	Java, Indonesia
4808	2023-12-09	15:30:38	7.2321 S	109.7997 E	10 km	2.2	Java, Indonesia
4809	2023-12-09	16:30:49	8.9954 S	110.2691 E	7 km	2.7	Java, Indonesia
4810	2023-12-09	17:05:33	9.0130 S	110.4166 E	28 km	2.8	South of Java, Indonesia
4811	2023-12-09	17:47:23	7.8648 S	110.4525 E	20 km	1.1	Java, Indonesia
4812	2023-12-09	18:00:03	8.8170 S	109.9133 E	10 km	2.7	Java, Indonesia
4813	2023-12-09	18:08:28	9.0093 S	110.1070 E	30 km	2.8	South of Java, Indonesia
4814	2023-12-09	19:18:40	7.9347 S	110.4769 E	13 km	1.4	Java, Indonesia
4815	2023-12-09	19:59:17	8.6504 S	111.8173 E	87 km	2.6	Java, Indonesia
4816	2023-12-09	20:41:15	7.9491 S	110.4659 E	16 km	1.5	Java, Indonesia
4817	2023-12-09	20:53:36	9.2992 S	113.8739 E	60 km	2.3	South of Java, Indonesia
4818	2023-12-09	20:59:06	7.9807 S	110.5295 E	16 km	1.3	Java, Indonesia
4819	2023-12-09	21:10:41	7.8048 S	109.2542 E	10 km	1.9	Java, Indonesia
4820	2023-12-09	21:33:30	10.4149 S	113.2693 E	10 km	3.8	South of Java, Indonesia
4821	2023-12-09	21:36:19	7.9263 S	110.5788 E	22 km	1.4	Java, Indonesia
4822	2023-12-09	22:02:59	7.9349 S	110.4595 E	15 km	1.5	Java, Indonesia
4823	2023-12-09	22:20:26	8.5460 S	111.1819 E	10 km	2.5	Java, Indonesia
4824	2023-12-09	22:28:44	9.8107 S	112.6898 E	15 km	3.1	South of Java, Indonesia

4825	2023-12-10	01:01:54	8.9853 S	110.3692 E	10 km	3.2	Java, Indonesia
4826	2023-12-10	06:55:14	9.3413 S	114.7013 E	24 km	3.2	South of Bali, Indonesia
4827	2023-12-10	10:41:24	9.0903 S	113.7028 E	178 km	2.6	South of Java, Indonesia
4828	2023-12-10	11:00:56	8.5283 S	113.8747 E	11 km	2.5	Java, Indonesia
4829	2023-12-10	14:11:56	9.9511 S	110.5543 E	10 km	3.4	South of Java, Indonesia
4830	2023-12-10	17:22:43	8.9918 S	110.4851 E	10 km	2.8	Java, Indonesia
4831	2023-12-10	17:32:18	8.0371 S	114.1830 E	8 km	2.4	Bali Region, Indonesia
4832	2023-12-10	18:31:30	11.5008 S	109.4269 E	10 km	4.6	South of Java, Indonesia
4833	2023-12-10	19:51:11	8.3001 S	111.7051 E	124 km	2.7	Java, Indonesia
4834	2023-12-10	20:21:16	9.7310 S	111.6029 E	10 km	3.0	South of Java, Indonesia
4835	2023-12-10	20:47:58	7.3983 S	109.7837 E	30 km	1.8	Java, Indonesia
4836	2023-12-10	21:34:57	8.9964 S	112.9774 E	28 km	3.0	Java, Indonesia
4837	2023-12-11	03:20:13	10.1021 S	111.6716 E	10 km	3.3	South of Java, Indonesia
4838	2023-12-11	03:36:50	8.8219 S	111.2253 E	10 km	2.7	Java, Indonesia
4839	2023-12-11	04:12:42	9.6419 S	115.0209 E	10 km	2.6	South of Bali, Indonesia
4840	2023-12-11	14:11:48	9.0758 S	111.2710 E	10 km	2.9	South of Java, Indonesia
4841	2023-12-11	14:39:03	8.1201 S	110.1688 E	91 km	2.7	Java, Indonesia
4842	2023-12-11	15:40:34	8.9271 S	112.7713 E	19 km	2.7	Java, Indonesia
4843	2023-12-11	17:07:22	7.2087 S	109.8461 E	9 km	2.4	Java, Indonesia
4844	2023-12-11	17:24:16	9.2350 S	111.3302 E	3 km	2.8	South of Java, Indonesia
4845	2023-12-11	17:49:32	9.0047 S	110.6278 E	10 km	2.8	South of Java, Indonesia
4846	2023-12-11	17:56:53	8.5883 S	111.2939 E	10 km	2.4	Java, Indonesia
4847	2023-12-11	18:23:43	9.1603 S	112.3655 E	10 km	3.3	South of Java, Indonesia
4848	2023-12-11	18:48:55	9.1991 S	110.7036 E	10 km	2.9	South of Java, Indonesia
4849	2023-12-11	19:39:17	9.3337 S	112.8943 E	30 km	2.7	South of Java, Indonesia
4850	2023-12-11	20:48:13	9.5897 S	112.9239 E	10 km	3.4	South of Java, Indonesia
4851	2023-12-11	22:34:54	9.1672 S	113.3944 E	10 km	3.5	South of Java, Indonesia
4852	2023-12-11	23:58:03	8.7652 S	109.7738 E	26 km	2.7	Java, Indonesia
4853	2023-12-12	03:52:01	8.7155 S	111.9670 E	15 km	2.8	Java, Indonesia
4854	2023-12-12	08:17:54	7.9037 S	114.3197 E	2 km	3.2	Bali Sea

4855	2023-12-12	10:10:00	9.1758 S	113.3954 E	10 km	2.7	South of Java, Indonesia
4856	2023-12-12	11:44:48	8.8865 S	111.0659 E	34 km	2.9	Java, Indonesia
4857	2023-12-12	13:58:52	8.6236 S	111.3316 E	97 km	2.7	Java, Indonesia
4858	2023-12-12	15:51:15	7.8258 S	110.7464 E	15 km	2.1	Java, Indonesia
4859	2023-12-12	15:52:40	8.6882 S	111.9373 E	14 km	2.6	Java, Indonesia
4860	2023-12-12	16:01:03	7.1657 S	108.8534 E	6 km	2.9	Java, Indonesia
4861	2023-12-12	17:00:58	9.0688 S	114.3568 E	13 km	2.6	South of Bali, Indonesia
4862	2023-12-12	17:02:40	7.9356 S	110.4683 E	13 km	1.9	Java, Indonesia
4863	2023-12-12	17:07:03	7.9447 S	110.4797 E	16 km	1.7	Java, Indonesia
4864	2023-12-12	17:12:30	7.9521 S	110.4753 E	9 km	2.8	Java, Indonesia
4865	2023-12-12	17:17:51	7.9922 S	110.4889 E	7 km	1.1	Java, Indonesia
4866	2023-12-12	17:28:15	7.9454 S	110.4802 E	11 km	1.1	Java, Indonesia
4867	2023-12-12	17:53:50	7.9690 S	110.5724 E	9 km	1.6	Java, Indonesia
4868	2023-12-12	18:01:20	7.9441 S	110.4853 E	20 km	1.7	Java, Indonesia
4869	2023-12-12	18:05:25	7.9610 S	110.5531 E	5 km	1.1	Java, Indonesia
4870	2023-12-12	18:10:34	8.4119 S	111.6441 E	71 km	2.6	Java, Indonesia
4871	2023-12-12	19:07:21	8.4627 S	111.2484 E	157 km	2.7	Java, Indonesia
4872	2023-12-12	19:50:39	7.9723 S	110.5988 E	73 km	1.2	Java, Indonesia
4873	2023-12-12	19:59:55	7.9539 S	110.4799 E	13 km	1.7	Java, Indonesia
4874	2023-12-12	20:49:11	7.9734 S	110.5085 E	17 km	1.2	Java, Indonesia
4875	2023-12-12	21:16:02	7.9622 S	110.4125 E	16 km	1.3	Java, Indonesia
4876	2023-12-13	01:53:56	7.9440 S	110.4730 E	14 km	1.3	Java, Indonesia
4877	2023-12-13	02:03:14	8.7332 S	113.0933 E	35 km	2.6	Java, Indonesia
4878	2023-12-13	05:18:16	7.8286 S	111.9937 E	202 km	2.7	Java, Indonesia
4879	2023-12-13	05:32:47	7.9699 S	110.4960 E	11 km	1.4	Java, Indonesia
4880	2023-12-13	05:49:49	7.9452 S	110.4823 E	13 km	1.3	Java, Indonesia
4881	2023-12-13	06:03:27	7.9684 S	110.4985 E	12 km	1.3	Java, Indonesia
4882	2023-12-13	06:11:16	8.7974 S	110.2169 E	67 km	2.7	Java, Indonesia
4883	2023-12-13	06:30:16	8.6892 S	112.5521 E	94 km	2.9	Java, Indonesia
4884	2023-12-13	07:32:18	8.8587 S	110.4723 E	13 km	2.7	Java, Indonesia

4885	2023-12-13	10:35:59	8.1618 S	108.3066 E	21 km	4.1	Java, Indonesia
4886	2023-12-13	15:15:23	7.9705 S	110.4768 E	11 km	3.5	Java, Indonesia
4887	2023-12-13	15:19:20	7.9475 S	110.4824 E	24 km	1.2	Java, Indonesia
4888	2023-12-13	15:19:56	7.9598 S	110.5033 E	16 km	1.3	Java, Indonesia
4889	2023-12-13	15:23:58	7.9391 S	110.4693 E	15 km	1.2	Java, Indonesia
4890	2023-12-13	15:27:27	7.9485 S	110.4892 E	16 km	1.3	Java, Indonesia
4891	2023-12-13	15:27:50	8.0084 S	110.5678 E	14 km	1.2	Java, Indonesia
4892	2023-12-13	15:32:06	7.9518 S	110.4824 E	13 km	1.3	Java, Indonesia
4893	2023-12-13	15:36:15	7.9447 S	110.4823 E	14 km	1.2	Java, Indonesia
4894	2023-12-13	15:41:23	7.9485 S	110.4750 E	12 km	1.2	Java, Indonesia
4895	2023-12-13	15:44:09	7.9446 S	110.4734 E	14 km	1.2	Java, Indonesia
4896	2023-12-13	15:50:34	7.9469 S	110.4798 E	14 km	1.4	Java, Indonesia
4897	2023-12-13	16:09:02	5.8879 S	110.2080 E	517 km	3.8	Java Sea
4898	2023-12-13	16:23:52	7.9314 S	110.4610 E	14 km	1.2	Java, Indonesia
4899	2023-12-13	16:59:37	7.9394 S	110.4694 E	4 km	1.1	Java, Indonesia
4900	2023-12-13	17:04:31	8.0232 S	110.5404 E	7 km	1.2	Java, Indonesia
4901	2023-12-13	17:18:42	9.1936 S	114.3014 E	29 km	2.9	South of Bali, Indonesia
4902	2023-12-13	17:21:58	7.9459 S	110.4870 E	18 km	1.2	Java, Indonesia
4903	2023-12-13	17:25:31	8.3671 S	110.6479 E	16 km	2.2	Java, Indonesia
4904	2023-12-13	17:28:39	7.9701 S	110.5031 E	13 km	1.2	Java, Indonesia
4905	2023-12-13	17:31:14	7.9697 S	110.5119 E	19 km	1.1	Java, Indonesia
4906	2023-12-13	17:41:54	8.8410 S	110.3583 E	18 km	2.6	Java, Indonesia
4907	2023-12-13	17:43:55	8.7018 S	111.7406 E	22 km	2.6	Java, Indonesia
4908	2023-12-13	18:11:09	7.9561 S	110.4900 E	14 km	1.1	Java, Indonesia
4909	2023-12-13	18:13:48	7.9660 S	110.5129 E	20 km	1.1	Java, Indonesia
4910	2023-12-13	18:24:25	8.6352 S	115.9976 E	91 km	3.4	Bali Region, Indonesia
4911	2023-12-13	18:27:41	7.9561 S	110.4914 E	15 km	1.2	Java, Indonesia
4912	2023-12-13	18:43:51	7.9348 S	110.4240 E	12 km	1.2	Java, Indonesia
4913	2023-12-13	19:27:05	7.9467 S	110.4796 E	13 km	1.1	Java, Indonesia
4914	2023-12-13	19:34:30	7.9086 S	110.4460 E	18 km	1.1	Java, Indonesia

4915	2023-12-13	20:40:39	8.3989 S	111.5300 E	88 km	2.4	Java, Indonesia
4916	2023-12-13	20:46:48	9.3485 S	113.9492 E	14 km	2.6	South of Java, Indonesia
4917	2023-12-13	20:50:35	8.5800 S	110.2168 E	98 km	2.4	Java, Indonesia
4918	2023-12-13	21:26:26	8.5524 S	109.7799 E	27 km	2.8	Java, Indonesia
4919	2023-12-13	21:47:32	7.9573 S	110.4946 E	10 km	1.4	Java, Indonesia
4920	2023-12-13	22:47:44	7.8262 S	114.4088 E	9 km	2.9	Bali Sea
4921	2023-12-13	22:52:31	7.9785 S	110.4908 E	12 km	1.2	Java, Indonesia
4922	2023-12-13	22:54:45	7.9553 S	110.4837 E	9 km	1.3	Java, Indonesia
4923	2023-12-13	23:13:31	7.9643 S	110.4851 E	15 km	1.2	Java, Indonesia
4924	2023-12-13	23:33:15	8.0101 S	110.5536 E	7 km	1.2	Java, Indonesia
4925	2023-12-14	00:42:50	7.9526 S	110.4751 E	12 km	1.2	Java, Indonesia
4926	2023-12-14	01:38:32	7.9499 S	110.5110 E	17 km	1.2	Java, Indonesia
4927	2023-12-14	03:48:53	8.4552 S	110.7672 E	10 km	2.3	Java, Indonesia
4928	2023-12-14	04:17:56	8.8155 S	111.1710 E	10 km	2.5	Java, Indonesia
4929	2023-12-14	04:39:29	8.3444 S	110.4570 E	112 km	3.6	Java, Indonesia
4930	2023-12-14	04:59:21	7.1326 S	108.8553 E	7 km	2.7	Java, Indonesia
4931	2023-12-14	06:38:44	8.5433 S	111.5805 E	15 km	2.7	Java, Indonesia
4932	2023-12-14	07:03:27	8.4961 S	111.4772 E	70 km	2.8	Java, Indonesia
4933	2023-12-14	09:10:41	7.9682 S	110.4678 E	112 km	1.9	Java, Indonesia
4934	2023-12-14	10:35:19	9.0993 S	110.3354 E	10 km	3.2	South of Java, Indonesia
4935	2023-12-14	11:16:16	8.0245 S	110.4828 E	30 km	1.3	Java, Indonesia
4936	2023-12-14	12:38:57	8.6642 S	111.5322 E	14 km	2.7	Java, Indonesia
4937	2023-12-14	13:10:54	7.8826 S	109.9382 E	118 km	2.2	Java, Indonesia
4938	2023-12-14	13:21:26	9.0464 S	113.8912 E	21 km	2.4	South of Java, Indonesia
4939	2023-12-14	13:38:19	6.6634 S	112.9156 E	6 km	2.2	Java, Indonesia
4940	2023-12-14	13:49:15	7.9145 S	110.0715 E	39 km	2.1	Java, Indonesia
4941	2023-12-14	14:00:16	7.9373 S	110.4917 E	74 km	1.2	Java, Indonesia
4942	2023-12-14	14:28:49	8.9710 S	110.6699 E	47 km	2.7	Java, Indonesia
4943	2023-12-14	15:16:50	7.9902 S	110.6967 E	6 km	1.5	Java, Indonesia
4944	2023-12-14	15:48:28	8.7247 S	111.0954 E	104 km	2.5	Java, Indonesia

4945	2023-12-14	17:17:26	7.2251 S	109.8146 E	9 km	2.1	Java, Indonesia
4946	2023-12-14	18:02:55	7.3919 S	109.3630 E	9 km	2.1	Java, Indonesia
4947	2023-12-14	18:45:05	8.6813 S	110.0774 E	36 km	3.3	Java, Indonesia
4948	2023-12-14	21:03:02	8.7224 S	111.0226 E	22 km	2.3	Java, Indonesia
4949	2023-12-14	21:57:48	8.2552 S	113.1101 E	146 km	2.3	Java, Indonesia
4950	2023-12-14	23:44:45	9.0617 S	111.8143 E	26 km	2.9	South of Java, Indonesia
4951	2023-12-15	05:21:03	7.9623 S	110.4805 E	20 km	1.2	Java, Indonesia
4952	2023-12-15	05:41:23	9.4645 S	115.3254 E	29 km	2.8	South of Bali, Indonesia
4953	2023-12-15	06:20:47	8.9202 S	110.2743 E	33 km	2.5	Java, Indonesia
4954	2023-12-15	06:26:38	9.0002 S	110.4368 E	25 km	2.5	South of Java, Indonesia
4955	2023-12-15	06:46:17	7.6916 S	108.6490 E	85 km	2.4	Java, Indonesia
4956	2023-12-15	10:49:07	7.9365 S	110.4881 E	11 km	0.9	Java, Indonesia
4957	2023-12-15	11:43:16	8.4693 S	109.0193 E	10 km	2.3	Java, Indonesia
4958	2023-12-15	12:41:27	8.5198 S	110.4802 E	6 km	2.2	Java, Indonesia
4959	2023-12-15	14:17:57	9.0227 S	110.4065 E	25 km	2.5	South of Java, Indonesia
4960	2023-12-15	14:24:35	7.1281 S	108.8527 E	6 km	4.6	Java, Indonesia
4961	2023-12-15	14:47:48	7.1307 S	108.8636 E	12 km	1.9	Java, Indonesia
4962	2023-12-15	15:34:00	8.7712 S	112.0539 E	29 km	3.0	Java, Indonesia
4963	2023-12-15	15:51:02	9.1716 S	113.0256 E	41 km	2.4	South of Java, Indonesia
4964	2023-12-15	16:08:11	8.6986 S	111.5482 E	14 km	2.3	Java, Indonesia
4965	2023-12-15	16:27:37	8.4741 S	109.0956 E	58 km	2.3	Java, Indonesia
4966	2023-12-15	19:37:27	9.3497 S	112.7120 E	22 km	3.1	South of Java, Indonesia
4967	2023-12-15	19:51:47	8.6337 S	111.4061 E	14 km	2.5	Java, Indonesia
4968	2023-12-15	20:33:55	7.1496 S	108.8339 E	10 km	2.9	Java, Indonesia
4969	2023-12-15	21:19:07	8.6384 S	111.0808 E	28 km	2.2	Java, Indonesia
4970	2023-12-15	22:36:44	8.6371 S	111.0798 E	31 km	2.6	Java, Indonesia
4971	2023-12-15	22:52:53	8.5798 S	111.1500 E	37 km	2.2	Java, Indonesia
4972	2023-12-15	23:26:48	7.2322 S	109.8364 E	28 km	2.2	Java, Indonesia
4973	2023-12-16	01:09:23	8.6206 S	112.5405 E	10 km	2.3	Java, Indonesia
4974	2023-12-16	02:24:17	7.0385 S	108.7933 E	14 km	2.4	Java, Indonesia

4975	2023-12-16	04:01:59	8.1981 S	114.8863 E	13 km	1.8	Bali Region, Indonesia
4976	2023-12-16	04:40:29	8.6476 S	111.0804 E	31 km	2.1	Java, Indonesia
4977	2023-12-16	04:51:49	9.0487 S	110.4960 E	10 km	2.5	South of Java, Indonesia
4978	2023-12-16	05:25:44	7.7508 S	114.2150 E	10 km	2.2	Bali Sea
4979	2023-12-16	08:19:14	8.6023 S	110.7137 E	51 km	2.7	Java, Indonesia
4980	2023-12-16	09:24:44	8.6051 S	111.2166 E	18 km	2.3	Java, Indonesia
4981	2023-12-16	11:38:29	9.3032 S	110.7660 E	10 km	2.6	South of Java, Indonesia
4982	2023-12-16	11:44:52	8.9088 S	110.2058 E	28 km	2.3	Java, Indonesia
4983	2023-12-16	13:41:55	9.0763 S	113.5701 E	10 km	3.7	South of Java, Indonesia
4984	2023-12-16	13:44:49	7.9423 S	110.4709 E	23 km	1.0	Java, Indonesia
4985	2023-12-16	13:56:27	7.9175 S	110.4645 E	7 km	1.0	Java, Indonesia
4986	2023-12-16	14:16:23	8.8634 S	110.4412 E	7 km	2.3	Java, Indonesia
4987	2023-12-16	15:51:40	9.6925 S	110.8178 E	10 km	2.8	South of Java, Indonesia
4988	2023-12-16	16:18:54	7.8544 S	114.3681 E	6 km	3.5	Bali Sea
4989	2023-12-16	17:21:08	7.9657 S	110.4394 E	30 km	1.1	Java, Indonesia
4990	2023-12-16	17:58:23	7.9527 S	110.5479 E	8 km	1.0	Java, Indonesia
4991	2023-12-16	19:48:48	8.8902 S	111.2952 E	76 km	2.3	Java, Indonesia
4992	2023-12-16	20:16:15	8.6689 S	111.9863 E	10 km	1.8	Java, Indonesia
4993	2023-12-16	21:03:11	7.8949 S	114.3908 E	10 km	2.6	Bali Sea
4994	2023-12-16	23:03:28	8.7124 S	111.0498 E	22 km	2.1	Java, Indonesia
4995	2023-12-17	01:12:47	8.2874 S	114.3239 E	20 km	1.8	Bali Region, Indonesia
4996	2023-12-17	01:59:21	7.9395 S	110.4871 E	9 km	0.8	Java, Indonesia
4997	2023-12-17	02:46:27	8.0938 S	114.1868 E	11 km	2.8	Bali Region, Indonesia
4998	2023-12-17	02:58:26	7.9605 S	110.5117 E	21 km	1.0	Java, Indonesia
4999	2023-12-17	04:08:08	7.7929 S	110.3228 E	10 km	1.4	Java, Indonesia
5000	2023-12-17	05:20:47	7.4098 S	109.6703 E	55 km	1.9	Java, Indonesia
5001	2023-12-17	06:02:37	8.7404 S	112.2802 E	108 km	2.6	Java, Indonesia
5002	2023-12-17	11:01:21	6.9524 S	114.0227 E	11 km	3.1	Bali Sea
5003	2023-12-17	12:24:52	7.7301 S	110.3217 E	114 km	2.4	Java, Indonesia
5004	2023-12-17	14:20:12	8.1105 S	110.5401 E	10 km	1.1	Java, Indonesia

5005	2023-12-17	15:09:56	8.5283 S	111.2176 E	152 km	2.8	Java, Indonesia
5006	2023-12-17	16:34:07	9.2507 S	110.9741 E	59 km	3.3	South of Java, Indonesia
5007	2023-12-17	16:54:34	7.6610 S	114.3754 E	6 km	2.9	Bali Sea
5008	2023-12-17	17:24:30	7.7144 S	112.7680 E	18 km	3.0	Java, Indonesia
5009	2023-12-17	19:32:32	9.0163 S	110.2354 E	30 km	2.7	South of Java, Indonesia
5010	2023-12-17	19:35:20	7.9202 S	109.8688 E	10 km	4.0	Java, Indonesia
5011	2023-12-17	19:53:15	8.9693 S	113.1030 E	35 km	2.6	Java, Indonesia
5012	2023-12-17	20:46:16	8.4566 S	111.0640 E	59 km	2.1	Java, Indonesia
5013	2023-12-17	23:08:43	7.9550 S	110.4770 E	17 km	2.0	Java, Indonesia
5014	2023-12-18	00:47:06	8.6583 S	110.8742 E	39 km	2.2	Java, Indonesia
5015	2023-12-18	01:50:09	8.8337 S	112.4034 E	124 km	2.8	Java, Indonesia
5016	2023-12-18	05:19:17	7.9206 S	110.4437 E	6 km	1.8	Java, Indonesia
5017	2023-12-18	05:52:39	8.0313 S	110.5381 E	28 km	1.0	Java, Indonesia
5018	2023-12-18	06:38:38	8.9436 S	110.3409 E	134 km	2.4	Java, Indonesia
5019	2023-12-18	09:24:11	7.9601 S	110.4996 E	9 km	0.9	Java, Indonesia
5020	2023-12-18	11:38:07	8.0865 S	110.7414 E	10 km	1.6	Java, Indonesia
5021	2023-12-18	12:02:10	8.3135 S	114.0658 E	30 km	2.7	Bali Region, Indonesia
5022	2023-12-18	12:23:21	8.6001 S	114.1708 E	6 km	2.3	Bali Region, Indonesia
5023	2023-12-18	13:20:07	8.4016 S	110.6490 E	18 km	2.1	Java, Indonesia
5024	2023-12-18	14:44:52	7.9065 S	110.4463 E	20 km	1.6	Java, Indonesia
5025	2023-12-18	16:26:29	8.5227 S	109.9930 E	26 km	2.6	Java, Indonesia
5026	2023-12-18	16:42:19	8.3768 S	114.0633 E	35 km	2.2	Bali Region, Indonesia
5027	2023-12-18	16:52:41	8.2048 S	113.9186 E	25 km	2.6	Java, Indonesia
5028	2023-12-18	17:39:44	8.5643 S	109.9875 E	25 km	2.4	Java, Indonesia
5029	2023-12-18	18:56:37	8.6618 S	113.3747 E	77 km	2.3	Java, Indonesia
5030	2023-12-18	19:28:40	7.2284 S	109.6191 E	5 km	2.2	Java, Indonesia
5031	2023-12-18	19:31:04	9.9473 S	113.1389 E	10 km	2.8	South of Java, Indonesia
5032	2023-12-18	20:30:14	8.1122 S	110.9053 E	113 km	1.9	Java, Indonesia
5033	2023-12-18	21:36:04	7.0880 S	108.8479 E	15 km	2.7	Java, Indonesia
5034	2023-12-18	21:59:33	8.3222 S	110.6764 E	16 km	2.0	Java, Indonesia

5035	2023-12-18	23:10:42	9.2820 S	114.0672 E	14 km	2.7	South of Bali, Indonesia
5036	2023-12-19	01:24:54	9.0180 S	114.4107 E	40 km	2.4	South of Bali, Indonesia
5037	2023-12-19	01:56:50	8.3356 S	110.2458 E	10 km	2.2	Java, Indonesia
5038	2023-12-19	02:52:08	7.9575 S	110.4933 E	21 km	1.3	Java, Indonesia
5039	2023-12-19	04:23:02	8.4644 S	110.7688 E	10 km	2.1	Java, Indonesia
5040	2023-12-19	07:31:28	8.6292 S	112.8012 E	108 km	2.8	Java, Indonesia
5041	2023-12-19	08:57:05	8.7643 S	110.0749 E	10 km	2.4	Java, Indonesia
5042	2023-12-19	11:02:02	9.1921 S	110.6896 E	7 km	2.6	South of Java, Indonesia
5043	2023-12-19	11:31:15	8.8743 S	112.4447 E	24 km	2.8	Java, Indonesia
5044	2023-12-19	11:41:57	8.4871 S	111.6643 E	10 km	2.5	Java, Indonesia
5045	2023-12-19	11:45:18	8.9049 S	111.6489 E	10 km	2.6	Java, Indonesia
5046	2023-12-19	12:31:32	8.0905 S	113.3423 E	15 km	2.2	Java, Indonesia
5047	2023-12-19	14:03:03	8.6865 S	110.7382 E	29 km	2.2	Java, Indonesia
5048	2023-12-19	14:13:42	9.0796 S	113.5113 E	21 km	3.0	South of Java, Indonesia
5049	2023-12-19	16:33:22	8.9252 S	110.4517 E	28 km	2.4	Java, Indonesia
5050	2023-12-19	17:52:11	8.6439 S	110.9253 E	95 km	3.4	Java, Indonesia
5051	2023-12-19	18:38:30	7.2314 S	109.7848 E	22 km	1.6	Java, Indonesia
5052	2023-12-19	18:46:08	8.9495 S	110.9171 E	58 km	2.3	Java, Indonesia
5053	2023-12-19	19:01:45	8.8850 S	111.3269 E	70 km	2.2	Java, Indonesia
5054	2023-12-19	20:14:31	8.6514 S	111.4253 E	19 km	2.4	Java, Indonesia
5055	2023-12-19	21:46:14	8.2337 S	110.0744 E	109 km	2.4	Java, Indonesia
5056	2023-12-19	22:17:50	9.0707 S	111.8173 E	10 km	2.7	South of Java, Indonesia
5057	2023-12-20	01:28:51	8.5224 S	110.0290 E	28 km	2.3	Java, Indonesia
5058	2023-12-20	03:34:32	8.6277 S	110.1624 E	78 km	2.4	Java, Indonesia
5059	2023-12-20	04:37:05	7.7921 S	110.5584 E	5 km	1.6	Java, Indonesia
5060	2023-12-20	05:49:46	8.6304 S	110.7498 E	195 km	2.5	Java, Indonesia
5061	2023-12-20	08:53:39	8.8997 S	109.6917 E	10 km	2.6	Java, Indonesia
5062	2023-12-20	11:11:26	8.8403 S	114.5808 E	10 km	2.6	Bali Region, Indonesia
5063	2023-12-20	11:34:05	7.3618 S	109.7771 E	37 km	2.4	Java, Indonesia
5064	2023-12-20	12:32:11	7.4763 S	114.3636 E	128 km	3.1	Bali Sea

5065	2023-12-20	16:50:21	7.0081 S	109.8312 E	12 km	2.0	Java, Indonesia
5066	2023-12-20	19:23:27	8.1290 S	109.8619 E	92 km	2.3	Java, Indonesia
5067	2023-12-20	19:59:10	8.9726 S	110.6139 E	10 km	2.7	Java, Indonesia
5068	2023-12-20	21:49:10	8.5457 S	111.5993 E	106 km	2.6	Java, Indonesia
5069	2023-12-21	00:19:31	8.7382 S	112.0241 E	36 km	2.9	Java, Indonesia
5070	2023-12-21	01:22:49	8.5964 S	112.9367 E	111 km	3.1	Java, Indonesia
5071	2023-12-21	03:42:52	8.2456 S	109.8643 E	10 km	2.6	Java, Indonesia
5072	2023-12-21	05:17:07	9.9979 S	110.1745 E	10 km	3.7	South of Java, Indonesia
5073	2023-12-21	07:15:52	6.3104 S	116.7242 E	14 km	4.0	Bali Sea
5074	2023-12-21	10:10:48	9.3741 S	115.0941 E	29 km	3.0	South of Bali, Indonesia
5075	2023-12-21	10:15:05	9.8172 S	110.3187 E	10 km	3.2	South of Java, Indonesia
5076	2023-12-21	12:37:40	8.3297 S	111.4435 E	107 km	2.5	Java, Indonesia
5077	2023-12-21	12:57:41	7.9983 S	110.4560 E	5 km	1.0	Java, Indonesia
5078	2023-12-21	13:51:28	6.9579 S	111.0137 E	11 km	2.5	Java, Indonesia
5079	2023-12-21	15:02:42	8.0018 S	110.5340 E	12 km	0.9	Java, Indonesia
5080	2023-12-21	15:19:54	9.2430 S	113.9270 E	10 km	2.9	South of Java, Indonesia
5081	2023-12-21	15:29:36	7.8832 S	114.3678 E	5 km	3.4	Bali Sea
5082	2023-12-21	16:47:52	9.0052 S	110.3953 E	15 km	2.4	South of Java, Indonesia
5083	2023-12-21	18:55:57	8.3576 S	108.6701 E	80 km	2.5	Java, Indonesia
5084	2023-12-22	05:31:44	8.0502 S	113.3407 E	13 km	2.4	Java, Indonesia
5085	2023-12-22	07:45:55	8.8966 S	110.7851 E	66 km	2.9	Java, Indonesia
5086	2023-12-22	13:24:50	10.9003 S	111.2283 E	107 km	4.0	South of Java, Indonesia
5087	2023-12-22	13:47:32	7.5600 S	110.2186 E	65 km	3.0	Java, Indonesia
5088	2023-12-22	16:10:40	7.7326 S	110.7288 E	23 km	1.8	Java, Indonesia
5089	2023-12-22	16:25:55	7.8518 S	110.7100 E	18 km	1.6	Java, Indonesia
5090	2023-12-22	16:56:07	7.8365 S	110.7993 E	10 km	1.7	Java, Indonesia
5091	2023-12-22	17:25:37	7.2495 S	109.7979 E	12 km	2.1	Java, Indonesia
5092	2023-12-22	18:49:30	7.8356 S	110.7337 E	18 km	1.8	Java, Indonesia
5093	2023-12-22	19:25:58	7.3755 S	109.7035 E	51 km	2.7	Java, Indonesia
5094	2023-12-22	19:59:27	8.6972 S	111.0700 E	30 km	2.4	Java, Indonesia

5095	2023-12-22	20:28:11	7.8746 S	110.2233 E	110 km	2.4	Java, Indonesia
5096	2023-12-22	21:49:08	10.2980 S	110.0964 E	270 km	3.2	South of Java, Indonesia
5097	2023-12-22	23:16:34	8.3165 S	110.2506 E	32 km	1.9	Java, Indonesia
5098	2023-12-23	01:06:06	11.0255 S	111.7647 E	36 km	3.7	South of Java, Indonesia
5099	2023-12-23	03:10:32	9.1810 S	113.0821 E	12 km	3.1	South of Java, Indonesia
5100	2023-12-23	04:23:20	8.8338 S	110.5061 E	29 km	3.4	Java, Indonesia
5101	2023-12-23	04:27:11	8.8297 S	110.4483 E	25 km	3.7	Java, Indonesia
5102	2023-12-23	05:54:51	8.8761 S	110.3998 E	66 km	2.3	Java, Indonesia
5103	2023-12-23	09:54:21	9.4664 S	110.2129 E	10 km	3.5	South of Java, Indonesia
5104	2023-12-23	11:27:47	7.1889 S	109.8508 E	14 km	2.2	Java, Indonesia
5105	2023-12-23	12:37:01	8.9735 S	111.2282 E	10 km	2.5	Java, Indonesia
5106	2023-12-23	13:31:58	10.3908 S	112.1158 E	17 km	3.3	South of Java, Indonesia
5107	2023-12-23	13:36:25	8.6022 S	113.6131 E	101 km	2.7	Java, Indonesia
5108	2023-12-23	13:39:03	7.8772 S	113.7302 E	10 km	2.3	Java, Indonesia
5109	2023-12-23	14:31:00	9.0388 S	110.1595 E	27 km	2.5	South of Java, Indonesia
5110	2023-12-23	15:27:14	8.7253 S	110.9032 E	10 km	2.2	Java, Indonesia
5111	2023-12-23	16:18:40	8.6694 S	110.5939 E	32 km	2.1	Java, Indonesia
5112	2023-12-23	17:18:15	8.5747 S	109.1155 E	10 km	3.3	Java, Indonesia
5113	2023-12-23	18:22:15	7.8924 S	110.4612 E	20 km	1.0	Java, Indonesia
5114	2023-12-23	18:26:33	8.4121 S	111.1474 E	120 km	2.1	Java, Indonesia
5115	2023-12-23	19:21:57	8.5467 S	108.7825 E	10 km	2.4	Java, Indonesia
5116	2023-12-23	19:37:01	7.7382 S	108.9864 E	180 km	2.6	Java, Indonesia
5117	2023-12-23	21:38:17	9.3203 S	113.9528 E	25 km	2.8	South of Java, Indonesia
5118	2023-12-23	21:45:46	8.6091 S	112.2210 E	19 km	2.1	Java, Indonesia
5119	2023-12-23	22:24:03	8.3974 S	110.2401 E	6 km	2.1	Java, Indonesia
5120	2023-12-23	22:30:02	7.9702 S	110.4366 E	17 km	1.0	Java, Indonesia
5121	2023-12-23	23:59:42	8.4388 S	109.7447 E	45 km	2.4	Java, Indonesia
5122	2023-12-24	01:01:34	6.9962 S	114.0591 E	10 km	2.5	Bali Sea
5123	2023-12-24	03:19:32	9.0218 S	111.3460 E	25 km	3.0	South of Java, Indonesia
5124	2023-12-24	04:51:41	9.0281 S	112.0443 E	10 km	2.5	South of Java, Indonesia

5125	2023-12-24	08:07:31	8.4278 S	114.7316 E	187 km	3.1	Bali Region, Indonesia
5126	2023-12-24	09:37:10	9.2045 S	111.3251 E	10 km	2.4	South of Java, Indonesia
5127	2023-12-24	09:57:20	8.8484 S	111.0185 E	16 km	2.3	Java, Indonesia
5128	2023-12-24	11:39:12	8.7660 S	111.5074 E	54 km	2.5	Java, Indonesia
5129	2023-12-24	11:41:26	7.2199 S	109.8063 E	9 km	1.9	Java, Indonesia
5130	2023-12-24	11:48:33	8.9330 S	112.6036 E	22 km	2.6	Java, Indonesia
5131	2023-12-24	13:01:52	9.0115 S	110.7308 E	12 km	2.3	South of Java, Indonesia
5132	2023-12-24	14:06:42	7.9125 S	110.0635 E	16 km	2.1	Java, Indonesia
5133	2023-12-24	15:39:20	8.6916 S	111.8474 E	11 km	2.2	Java, Indonesia
5134	2023-12-24	15:45:50	7.9699 S	110.3881 E	22 km	1.0	Java, Indonesia
5135	2023-12-24	16:08:29	8.7027 S	115.3619 E	34 km	3.0	Bali Region, Indonesia
5136	2023-12-24	18:53:55	8.3146 S	111.7586 E	109 km	2.0	Java, Indonesia
5137	2023-12-24	18:59:19	8.0160 S	110.7718 E	124 km	1.5	Java, Indonesia
5138	2023-12-24	21:06:29	7.1819 S	109.8036 E	35 km	1.8	Java, Indonesia
5139	2023-12-24	21:10:35	9.1280 S	110.4654 E	10 km	2.4	South of Java, Indonesia
5140	2023-12-24	21:45:14	9.1220 S	111.5783 E	10 km	2.4	South of Java, Indonesia
5141	2023-12-24	22:17:08	9.0386 S	110.4687 E	10 km	2.3	South of Java, Indonesia
5142	2023-12-24	23:48:28	7.9860 S	110.4074 E	15 km	1.1	Java, Indonesia
5143	2023-12-25	00:05:45	9.3459 S	111.7546 E	10 km	3.3	South of Java, Indonesia
5144	2023-12-25	02:26:45	9.2634 S	110.5802 E	11 km	2.9	South of Java, Indonesia
5145	2023-12-25	02:35:13	8.5805 S	109.6311 E	37 km	2.4	Java, Indonesia
5146	2023-12-25	06:29:18	8.9120 S	110.6820 E	23 km	3.8	Java, Indonesia
5147	2023-12-25	08:41:16	8.9062 S	110.5259 E	10 km	2.4	Java, Indonesia
5148	2023-12-25	10:04:56	8.6034 S	114.5705 E	80 km	2.3	Bali Region, Indonesia
5149	2023-12-25	10:48:38	9.4466 S	114.0445 E	21 km	2.7	South of Bali, Indonesia
5150	2023-12-25	12:07:31	8.1591 S	111.1924 E	126 km	2.0	Java, Indonesia
5151	2023-12-25	13:54:11	8.7270 S	112.7603 E	5 km	2.2	Java, Indonesia
5152	2023-12-25	14:39:49	8.0654 S	110.6041 E	24 km	1.6	Java, Indonesia
5153	2023-12-25	14:48:37	8.3181 S	109.0858 E	32 km	3.2	Java, Indonesia
5154	2023-12-25	17:54:23	10.9506 S	111.0190 E	10 km	3.4	South of Java, Indonesia

5155	2023-12-25	21:04:02	10.3367 S	113.3126 E	10 km	2.9	South of Java, Indonesia
5156	2023-12-25	21:12:39	9.0038 S	112.9743 E	33 km	2.2	South of Java, Indonesia
5157	2023-12-26	00:02:01	8.7143 S	110.8761 E	26 km	2.1	Java, Indonesia
5158	2023-12-26	01:31:47	9.2496 S	113.4884 E	18 km	2.5	South of Java, Indonesia
5159	2023-12-26	04:59:50	9.8516 S	116.6034 E	0 km	3.2	Sumbawa Region, Indonesia
5160	2023-12-26	05:12:39	8.9549 S	110.3187 E	10 km	2.3	Java, Indonesia
5161	2023-12-26	05:21:36	7.2941 S	109.8449 E	10 km	2.2	Java, Indonesia
5162	2023-12-26	06:29:57	8.6237 S	109.7255 E	10 km	2.4	Java, Indonesia
5163	2023-12-26	08:30:28	8.3454 S	108.7855 E	34 km	3.0	Java, Indonesia
5164	2023-12-26	08:33:51	7.6875 S	109.2195 E	134 km	2.6	Java, Indonesia
5165	2023-12-26	09:08:31	9.1295 S	111.1875 E	10 km	2.6	South of Java, Indonesia
5166	2023-12-26	10:49:28	8.8241 S	112.0447 E	26 km	2.7	Java, Indonesia
5167	2023-12-26	11:28:34	9.2305 S	111.6851 E	10 km	2.7	South of Java, Indonesia
5168	2023-12-26	13:18:07	7.6313 S	111.3437 E	10 km	2.1	Java, Indonesia
5169	2023-12-26	15:58:21	8.6178 S	108.9971 E	10 km	2.0	Java, Indonesia
5170	2023-12-26	17:33:20	9.5237 S	112.8449 E	6 km	3.7	South of Java, Indonesia
5171	2023-12-26	19:25:17	9.1782 S	111.8449 E	10 km	3.0	South of Java, Indonesia
5172	2023-12-26	20:13:30	8.7631 S	113.5243 E	10 km	2.0	Java, Indonesia
5173	2023-12-26	20:28:14	7.9479 S	110.5180 E	11 km	0.8	Java, Indonesia
5174	2023-12-26	21:13:07	9.6090 S	112.7063 E	10 km	2.7	South of Java, Indonesia
5175	2023-12-26	21:21:06	9.5307 S	112.8742 E	10 km	2.6	South of Java, Indonesia
5176	2023-12-26	21:57:44	9.5685 S	112.8292 E	10 km	3.5	South of Java, Indonesia
5177	2023-12-26	22:41:00	9.4593 S	112.8107 E	12 km	3.3	South of Java, Indonesia
5178	2023-12-26	23:29:34	9.3732 S	112.7524 E	11 km	2.8	South of Java, Indonesia
5179	2023-12-27	00:30:53	9.1907 S	111.8069 E	10 km	2.4	South of Java, Indonesia
5180	2023-12-27	01:06:53	8.8679 S	111.1513 E	17 km	2.6	Java, Indonesia
5181	2023-12-27	02:08:23	9.5127 S	112.8614 E	10 km	3.2	South of Java, Indonesia
5182	2023-12-27	02:55:14	7.9440 S	110.4852 E	15 km	1.9	Java, Indonesia
5183	2023-12-27	02:58:05	7.9670 S	109.6602 E	80 km	2.3	Java, Indonesia
5184	2023-12-27	04:53:13	7.0602 S	108.5863 E	49 km	2.2	Java, Indonesia

5185	2023-12-27	09:59:21	8.2932 S	109.3921 E	62 km	3.2	Java, Indonesia
5186	2023-12-27	12:09:04	8.3392 S	109.3573 E	9 km	3.1	Java, Indonesia
5187	2023-12-27	14:10:59	9.1944 S	114.3586 E	12 km	2.3	South of Bali, Indonesia
5188	2023-12-27	15:39:00	7.2220 S	109.8297 E	14 km	2.4	Java, Indonesia
5189	2023-12-27	16:12:09	8.7007 S	109.7357 E	10 km	2.6	Java, Indonesia
5190	2023-12-27	17:23:17	9.4717 S	112.5594 E	10 km	3.3	South of Java, Indonesia
5191	2023-12-27	17:25:10	9.3634 S	113.0443 E	13 km	3.0	South of Java, Indonesia
5192	2023-12-27	18:39:55	8.8519 S	109.9507 E	10 km	2.6	Java, Indonesia
5193	2023-12-27	19:09:19	8.3531 S	111.1557 E	92 km	2.5	Java, Indonesia
5194	2023-12-27	19:44:32	8.6394 S	111.0951 E	38 km	2.2	Java, Indonesia
5195	2023-12-27	20:24:25	7.2304 S	109.8764 E	7 km	1.8	Java, Indonesia
5196	2023-12-27	21:13:23	10.2240 S	113.2083 E	10 km	3.2	South of Java, Indonesia
5197	2023-12-27	23:24:10	7.9889 S	110.4677 E	19 km	0.8	Java, Indonesia
5198	2023-12-28	00:03:14	9.4558 S	112.8598 E	10 km	2.8	South of Java, Indonesia
5199	2023-12-28	03:19:46	8.0004 S	110.4863 E	12 km	0.9	Java, Indonesia
5200	2023-12-28	05:36:55	8.9609 S	112.3379 E	12 km	2.6	Java, Indonesia
5201	2023-12-28	09:20:42	7.8371 S	110.6094 E	58 km	1.7	Java, Indonesia
5202	2023-12-28	09:31:36	8.6847 S	110.9063 E	20 km	2.4	Java, Indonesia
5203	2023-12-28	10:07:40	7.7814 S	110.7182 E	191 km	2.3	Java, Indonesia
5204	2023-12-28	10:18:36	10.2188 S	111.2652 E	14 km	3.3	South of Java, Indonesia
5205	2023-12-28	12:57:16	7.9708 S	110.4575 E	13 km	1.3	Java, Indonesia
5206	2023-12-28	13:00:50	9.3265 S	112.8713 E	25 km	3.0	South of Java, Indonesia
5207	2023-12-28	16:40:09	8.2161 S	109.9064 E	10 km	2.2	Java, Indonesia
5208	2023-12-28	17:33:23	8.2830 S	110.2930 E	13 km	2.2	Java, Indonesia
5209	2023-12-28	18:10:02	9.3255 S	110.4818 E	10 km	3.8	South of Java, Indonesia
5210	2023-12-28	18:16:11	8.4861 S	108.9713 E	58 km	2.7	Java, Indonesia
5211	2023-12-28	18:53:17	7.8860 S	110.8183 E	30 km	2.0	Java, Indonesia
5212	2023-12-28	20:14:16	9.3537 S	110.6128 E	10 km	2.8	South of Java, Indonesia
5213	2023-12-28	20:35:14	9.4024 S	113.5758 E	7 km	3.1	South of Java, Indonesia
5214	2023-12-28	22:12:59	8.8894 S	111.1878 E	24 km	2.4	Java, Indonesia

5215	2023-12-28	23:06:30	7.3133 S	109.9020 E	39 km	2.2	Java, Indonesia
5216	2023-12-28	23:42:38	7.8696 S	110.5323 E	17 km	1.2	Java, Indonesia
5217	2023-12-28	23:58:54	7.8122 S	110.7941 E	78 km	2.0	Java, Indonesia
5218	2023-12-29	00:18:21	7.9210 S	110.4814 E	10 km	1.1	Java, Indonesia
5219	2023-12-29	00:28:41	9.4313 S	110.4552 E	10 km	2.8	South of Java, Indonesia
5220	2023-12-29	01:23:49	8.8677 S	111.4189 E	76 km	2.4	Java, Indonesia
5221	2023-12-29	03:12:03	8.7784 S	112.0263 E	27 km	2.7	Java, Indonesia
5222	2023-12-29	03:58:00	7.9384 S	110.8927 E	10 km	1.9	Java, Indonesia
5223	2023-12-29	04:14:34	9.2859 S	110.7016 E	10 km	2.8	South of Java, Indonesia
5224	2023-12-29	04:24:15	8.5109 S	112.4644 E	81 km	3.6	Java, Indonesia
5225	2023-12-29	05:16:57	7.7873 S	111.4070 E	6 km	1.8	Java, Indonesia
5226	2023-12-29	06:08:15	8.2509 S	107.9333 E	17 km	2.7	Java, Indonesia
5227	2023-12-29	07:15:53	8.4182 S	110.6590 E	10 km	2.2	Java, Indonesia
5228	2023-12-29	08:48:11	8.4007 S	111.8244 E	119 km	2.6	Java, Indonesia
5229	2023-12-29	12:02:50	7.2235 S	109.7700 E	10 km	1.9	Java, Indonesia
5230	2023-12-29	12:30:59	7.8220 S	110.7308 E	10 km	1.7	Java, Indonesia
5231	2023-12-29	12:55:31	7.8593 S	110.7347 E	19 km	1.8	Java, Indonesia
5232	2023-12-29	13:12:26	9.0605 S	113.7145 E	22 km	2.6	South of Java, Indonesia
5233	2023-12-29	14:26:00	7.8051 S	110.7897 E	5 km	1.9	Java, Indonesia
5234	2023-12-29	15:03:20	10.2899 S	113.1099 E	10 km	3.7	South of Java, Indonesia
5235	2023-12-29	16:29:13	8.4771 S	111.2692 E	18 km	2.5	Java, Indonesia
5236	2023-12-29	16:46:50	9.9343 S	109.9888 E	10 km	3.3	South of Java, Indonesia
5237	2023-12-29	17:04:51	8.6716 S	112.3909 E	44 km	3.0	Java, Indonesia
5238	2023-12-29	17:54:26	8.5332 S	111.5403 E	10 km	2.3	Java, Indonesia
5239	2023-12-29	17:57:08	9.3041 S	113.4585 E	13 km	2.8	South of Java, Indonesia
5240	2023-12-29	18:18:48	8.1388 S	112.9115 E	13 km	2.1	Java, Indonesia
5241	2023-12-29	18:46:16	7.9361 S	110.4702 E	10 km	1.3	Java, Indonesia
5242	2023-12-29	19:44:07	7.9815 S	110.4226 E	14 km	2.0	Java, Indonesia
5243	2023-12-29	20:24:41	8.9081 S	110.7891 E	14 km	2.7	Java, Indonesia
5244	2023-12-29	21:44:14	9.6107 S	113.9546 E	10 km	2.8	South of Java, Indonesia

5245	2023-12-30	00:19:20	7.2254 S	109.7788 E	15 km	2.0	Java, Indonesia
5246	2023-12-30	01:32:14	8.9004 S	110.2624 E	26 km	2.6	Java, Indonesia
5247	2023-12-30	02:41:00	7.8687 S	110.1986 E	112 km	2.2	Java, Indonesia
5248	2023-12-30	03:07:50	9.1686 S	110.7369 E	10 km	2.8	South of Java, Indonesia
5249	2023-12-30	03:29:27	7.8731 S	114.3557 E	7 km	2.7	Bali Sea
5250	2023-12-30	04:33:09	10.0746 S	111.4783 E	10 km	3.3	South of Java, Indonesia
5251	2023-12-30	10:38:11	8.2843 S	111.4821 E	119 km	3.7	Java, Indonesia
5252	2023-12-30	10:51:55	8.8868 S	110.4665 E	32 km	2.6	Java, Indonesia
5253	2023-12-30	10:55:31	7.9878 S	110.5018 E	16 km	1.3	Java, Indonesia
5254	2023-12-30	17:07:59	9.2049 S	111.9679 E	10 km	2.8	South of Java, Indonesia
5255	2023-12-30	17:57:58	7.2292 S	109.8370 E	6 km	1.9	Java, Indonesia
5256	2023-12-30	18:34:29	8.7325 S	110.9340 E	10 km	2.6	Java, Indonesia
5257	2023-12-30	19:09:06	8.7926 S	110.2064 E	100 km	2.7	Java, Indonesia
5258	2023-12-30	19:19:27	8.8108 S	110.1812 E	23 km	2.7	Java, Indonesia
5259	2023-12-30	19:25:09	9.2955 S	110.7311 E	60 km	2.7	South of Java, Indonesia
5260	2023-12-30	19:33:38	8.9108 S	113.5876 E	26 km	2.3	Java, Indonesia
5261	2023-12-30	20:31:25	8.4960 S	110.0884 E	50 km	2.4	Java, Indonesia
5262	2023-12-31	01:48:24	8.3836 S	110.5214 E	10 km	2.3	Java, Indonesia
5263	2023-12-31	02:25:19	8.5205 S	111.5391 E	74 km	2.5	Java, Indonesia
5264	2023-12-31	02:54:23	9.0552 S	111.2357 E	12 km	2.7	South of Java, Indonesia
5265	2023-12-31	03:19:29	9.3245 S	110.5421 E	10 km	2.9	South of Java, Indonesia
5266	2023-12-31	05:18:23	9.3643 S	110.4541 E	10 km	2.9	South of Java, Indonesia
5267	2023-12-31	05:20:20	8.9332 S	110.6512 E	10 km	2.8	Java, Indonesia
5268	2023-12-31	05:33:08	8.7430 S	112.7112 E	10 km	2.9	Java, Indonesia
5269	2023-12-31	08:12:04	9.0009 S	111.3016 E	12 km	2.6	South of Java, Indonesia
5270	2023-12-31	10:03:52	8.5215 S	111.5359 E	7 km	2.5	Java, Indonesia
5271	2023-12-31	10:29:15	9.2684 S	110.5507 E	10 km	3.0	South of Java, Indonesia
5272	2023-12-31	11:03:32	9.3098 S	110.5902 E	10 km	2.8	South of Java, Indonesia
5273	2023-12-31	11:21:30	9.2807 S	110.5822 E	6 km	2.8	South of Java, Indonesia
5274	2023-12-31	11:46:39	9.4532 S	110.5567 E	10 km	2.9	South of Java, Indonesia

5275	2023-12-31	12:05:05	7.7457 S	111.3227 E	8 km	2.3	Java, Indonesia
5276	2023-12-31	12:32:52	9.2090 S	110.5566 E	10 km	2.9	South of Java, Indonesia
5277	2023-12-31	12:36:05	7.9691 S	110.5469 E	16 km	1.9	Java, Indonesia
5278	2023-12-31	12:40:38	9.2337 S	110.4994 E	10 km	3.0	South of Java, Indonesia
5279	2023-12-31	12:52:13	9.4733 S	110.7871 E	10 km	2.5	South of Java, Indonesia
5280	2023-12-31	14:44:27	8.9021 S	111.2562 E	18 km	2.7	Java, Indonesia
5281	2023-12-31	15:20:27	8.0657 S	107.9315 E	34 km	3.0	Java, Indonesia
5282	2023-12-31	16:20:30	7.1995 S	109.7656 E	12 km	2.1	Java, Indonesia
5283	2023-12-31	18:11:37	7.7994 S	111.3382 E	12 km	2.4	Java, Indonesia
5284	2023-12-31	20:14:22	7.9637 S	110.4917 E	26 km	1.1	Java, Indonesia
5285	2023-12-31	20:39:14	8.2669 S	110.3651 E	19 km	2.1	Java, Indonesia
5286	2023-12-31	21:30:55	8.5759 S	110.6848 E	10 km	2.4	Java, Indonesia
5287	2023-12-31	22:36:06	8.4036 S	110.6717 E	20 km	2.3	Java, Indonesia
5288	2023-12-31	22:53:27	7.9158 S	110.4711 E	15 km	1.1	Java, Indonesia
5289	2023-12-31	23:21:34	8.6453 S	110.4181 E	34 km	2.5	Java, Indonesia
5290	2023-12-31	23:32:14	7.9486 S	111.0783 E	33 km	2.1	Java, Indonesia

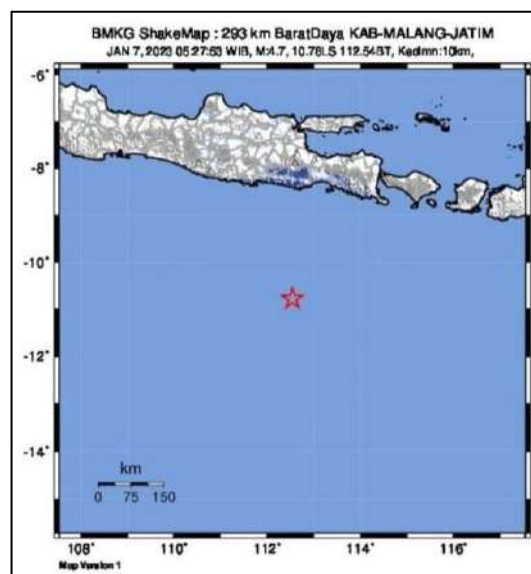
BAB IV

GEMPABUMI SIGNIFIKAN DAN MERUSAK

1. Gempabumi 7 Januari 2023

Hari Sabtu, 7 Januari 2023 gempa bumi tektonik mengguncang wilayah Selatan Jawa Timur. Hasil analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 05.27.53 WIB dengan kekuatan $M=4,7$ MLv. Episenter gempabumi terletak pada koordinat 10.78 LS dan 112.54 BT , atau tepatnya berlokasi di laut pada jarak 293 km arah Barat Daya Kabupaten Malang, Jawa Timur pada kedalaman 10 km. Gempabumi tersebut dirasakan di daerah Dinoyo Kabupaten Malang. II MMI. Getaran dirasakan oleh beberapa orang, benda-benda ringan yang digantung bergoyang dan kaca rumah bergetar. Hasil pemodelan menunjukkan bahwa gempabumi ini tidak berpotensi tsunami.

Ditinjau dari kedalaman hiposenternya, gempabumi ini merupakan gempabumi dangkal akibat adanya aktivitas seismik. Gempabumi ini merupakan gempabumi dangkal terjadi di zona outer rise selatan Pulau Jawa dimana lempeng Indo-Australia menghujam dibawah lempeng Eurasia. Dari peta *shakemap* terlihat guncangan gempabumi tersebut dirasakan beberapa daerah di Jawa Timur. Dampak dari gempabumi ini tidak menimbulkan kerusakan bangunan maupun korban jiwa

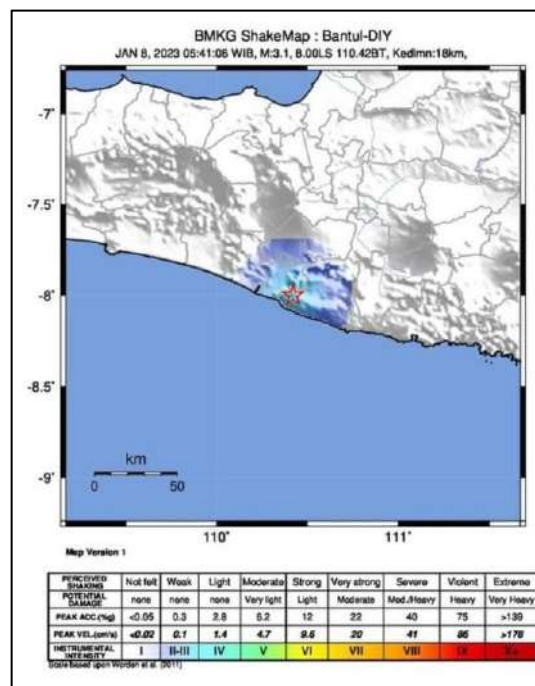


Gambar 4.1. Peta *shakemap* Gempabumi tanggal 7 Januari 2023

2. Gempabumi 9 Januari 2023

Hari Senin, 9 Januari 2023 gempa bumi tektonik mengguncang wilayah Bantul, Yogyakarta. Hasil analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 05.41.06 WIB dengan kekuatan $M=3,1$ MLv. Episenter gempabumi terletak pada koordinat $8,00^{\circ}$ LS dan $110,42^{\circ}$ BT, atau tepatnya berlokasi di darat pada jarak 13 km arah Tenggara Bantul, DIY, pada kedalaman 18 km . Gempabumi tersebut dirasakan di daerah Bantul II MMI. Getaran dirasakan oleh beberapa orang, benda-benda ringan yang digantung bergoyang. Hasil pemodelan menunjukkan bahwa gempabumi ini tidak berpotensi tsunami.

Ditinjau dari kedalaman hiposenternya, gempabumi ini merupakan gempabumi dangkal akibat adanya aktivitas sesar opak. Dari peta shakemap terlihat guncangan gempabumi tersebut dirasakan beberapa daerah di Jawa Tengah. Dampak dari gempabumi ini tidak menimbulkan kerusakan bangunan maupun korban jiwa.

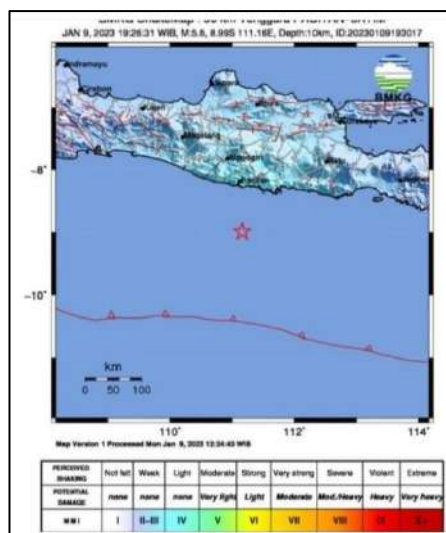


Gambar 4.2. Peta *shakemap* Gempabumi tanggal 9 Januari 2023

3. Gempabumi 9 Januari 2023

Hari Senin, 9 Januari 2023 gempa bumi tektonik mengguncang Samudera Hindia Selatan Jawa, Pacitan, Jawa Tengah. Hasil analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 19.26.31 WIB dengan kekuatan $M=5.4$ MLv. Episenter gempabumi terletak pada koordinat $8,93^{\circ}$ LS dan $111,13^{\circ}$ BT, atau tepatnya berlokasi di laut pada jarak 70 Km arah Selatan Kota Pacitan, Jawa Timur pada kedalaman 59 km. Gempabumi ini berdampak dan dirasakan di daerah Pacitan, Gunungkidul, Bantul, Kota Yogyakarta, Sleman Kulon Progo, Wonogiri, Purworejo, Cilacap, Blitar, Pacitan, Tulungagung, Trenggalek, Kediri, Nganjuk dengan skala intensitas II-III MMI. Getaran dirasakan nyata dalam rumah. Terasa getaran seakan akan truk berlalu, daerah Banjarnegara, Wonosobo, Karangates dan Kebumen dengan skala intensitas II MMI. Getaran dirasakan oleh beberapa orang, benda-benda ringan yang digantung bergoyang. Hasil pemodelan menunjukkan bahwa gempabumi ini tidak berpotensi tsunami.

Ditinjau dari kedalaman hiposenternya, gempabumi ini merupakan gempabumi dangkal akibat adanya aktivitas subduksi Lempeng Indo-Australia yang menunjam di bawah Lempeng Eurasia. Hasil analisis mekanisme sumber menunjukkan bahwa gempabumi memiliki mekanisme pergerakan naik (thrust fault). Dari peta shakemap terlihat guncangan gempabumi tersebut dirasakan beberapa daerah di Jawa Tengah. Dampak dari gempabumi ini tidak menimbulkan kerusakan bangunan maupun korban jiwa.

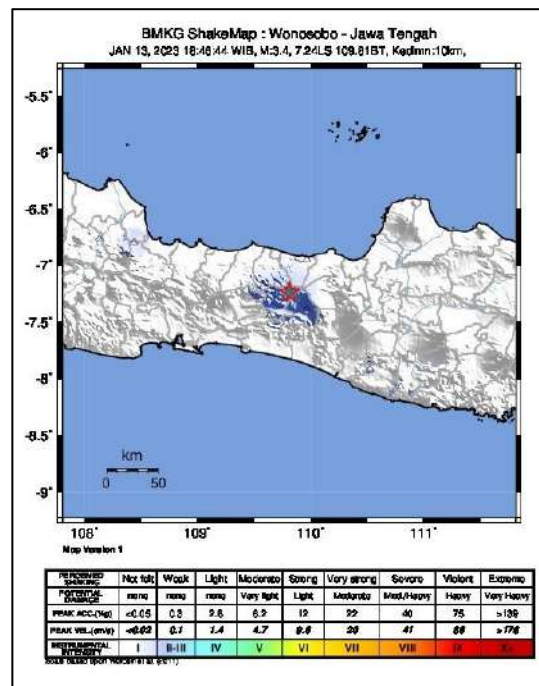


Gambar 4.3. Peta *shakemap* Gempabumi tanggal 9 Januari 2023

4. Gempabumi 13 Januari 2023

Hari Jumat, 13 Januari 2023 gempa bumi tektonik mengguncang wilayah Wonosobo, Jawa Tengah. Hasil analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 18.46.44 WIB dengan kekuatan $M=3.4$ MLv. Episenter gempabumi terletak pada koordinat $7,24^{\circ}$ LS dan $109,81^{\circ}$ BT, atau tepatnya berlokasi di darat pada jarak 17 km arah BaratLaut Wonosobo, Jawa Tengah, pada kedalaman 10 km. Gempabumi tersebut dirasakan di daerah Batur Banjarnegara II – III MMI dan Wonosobo III MMI . Getaran dirasakan nyata dalam rumah. Terasa getaran seakan akan truk berlalu. Hasil pemodelan menunjukkan bahwa gempabumi ini tidak berpotensi tsunami.

Ditinjau dari kedalaman hiposenternya, gempabumi ini merupakan gempabumi dangkal akibat adanya aktivitas sesar lokal. Dari peta *shakemap* terlihat guncangan gempabumi tersebut dirasakan beberapa daerah di Jawa Tengah. Dampak dari gempabumi ini tidak menimbulkan kerusakan bangunan maupun korban jiwa.

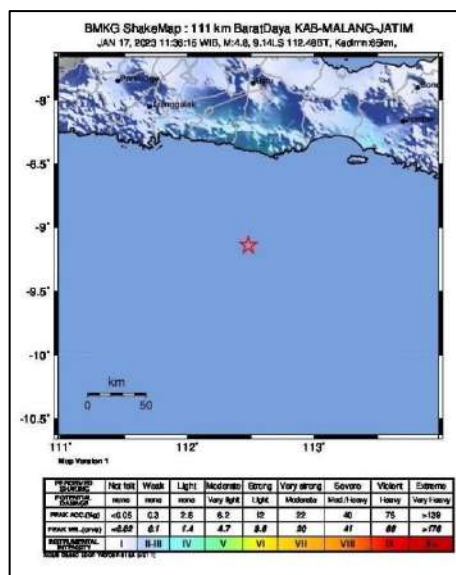


Gambar 4.4. Peta *shakemap* Gempabumi tanggal 13 Januari 2023

5. Gempabumi 17 Januari 2023

Hari Selasa, 17 Januari 2023 gempa bumi tektonik mengguncang di wilayah Batur dan Dieng, Wonosobo, Jawa Tengah. Hasil analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 11.36.12 WIB dengan kekuatan $M=4.8$ MLv. Episenter gempabumi terletak pada koordinat $9,14^{\circ}$ LS dan $112,48^{\circ}$ BT, atau tepatnya berlokasi di laut pada jarak 111 Km arah BaratDaya Kab-Malang, Jawa Timur pada kedalaman 65 km.. Guncangan gempabumi ini dirasakan di daerah Karangates, Sumbermanjing Wetan dengan skala intensitas III-IV MMI. Bila pada siang hari dirasakan oleh orang banyak dalam rumah), daerah Kepanjen, Lumajang, Malang dengan skala intensitas II-III MMI. Getaran dirasakan oleh beberapa orang, benda-benda ringan yang digantung bergoyang, daerah Badung, Blitar, Trenggalek, Pacitan, Bondowoso dengan skala intensitas II MMI. Getaran dirasakan oleh beberapa orang, benda-benda ringan yang digantung bergoyang. Hasil pemodelan menunjukkan bahwa gempabumi ini tidak berpotensi tsunami.

Ditinjau dari kedalaman hiposenternya, gempabumi ini Merupakan jenis gempabumi intraslab kedalaman menengah, akibat deformasi pada batuan dalam Lempeng Samudera Indo-Australia. Hasil analisis mekanisme sumber menunjukkan bahwa gempabumi memiliki mekanisme pergerakan naik (thrust fault). Dari peta *shakemap* terlihat guncangan gempabumi tersebut dirasakan beberapa daerah di Jawa Tengah. Dampak dari gempabumi ini tidak menimbulkan kerusakan bangunan maupun korban jiwa.

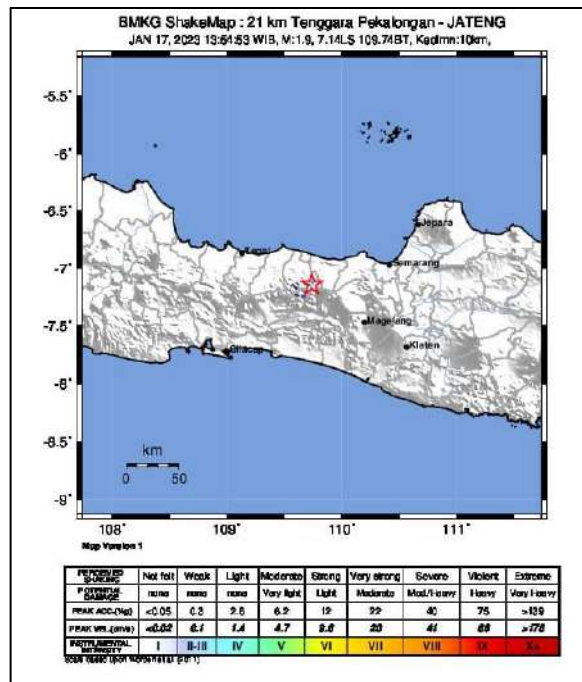


Gambar 4.5. Peta *shakemap* Gempabumi tanggal 17 Januari 2023

6. Gempabumi 17 Januari 2023

Hari Selasa, 17 Januari 2023 gempa bumi tektonik mengguncang wilayah Batur dan Dieng, Wonosobo, Jawa Tengah. Hasil analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 13.54.53 WIB dengan kekuatan $M=1.9$ MLv. Episenter gempabumi terletak pada koordinat 7,14 LS dan 109,74 BT tepatnya di darat pada jarak 21 km arah tenggara kabupaten Pekalongan, Jawa Tengah dengan kedalaman 10 km. Guncangan gempabumi ini dirasakan di daerah Batur dan Dieng, Wonosobo II-III MMI. Getaran dirasakan nyata dalam rumah. Terasa getaran seakan-akan truk berlalu. Hasil pemodelan menunjukkan bahwa gempabumi ini tidak berpotensi tsunami.

Ditinjau dari kedalaman hiposenternya, gempabumi ini Merupakan gempabumi dangkal akibat adanya aktivitas sesar lokal. Dari peta *shakemap* terlihat guncangan gempabumi tersebut dirasakan beberapa daerah di Jawa Tengah. Dampak dari gempabumi ini tidak menimbulkan kerusakan bangunan maupun korban jiwa.

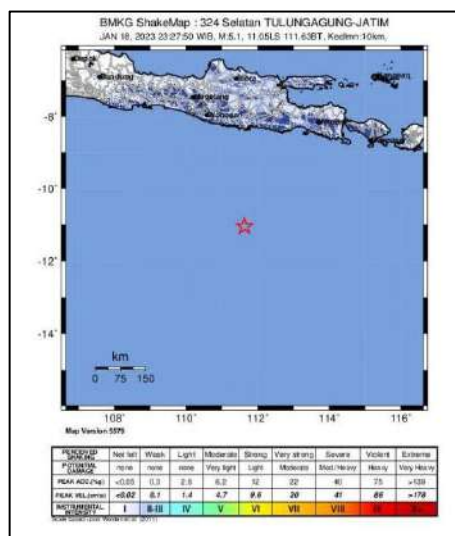


Gambar 4.6. Peta *shakemap* Gempabumi tanggal 17 Januari 2023

7. Gempabumi 18 Januari 2023

Hari Rabu, 18 Januari 2023 gempa bumi tektonik mengguncang wilayah Samudera Hindia Selatan Jawa, Trenggalek, Jawa Timur. Hasil analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 23.10.51 WIB dengan kekuatan $M= 5,0$ MLv. Episenter gempabumi terletak pada koordinat $10,69^{\circ}$ LS dan $111,80^{\circ}$ BT, atau tepatnya berlokasi di laut pada jarak 227 Km arah Selatan Kota Tulungagung, Jawa Timur pada kedalaman 20 km. Selanjutnya pukul 23.27.50 WIB gempabumi kedua memiliki parameter update dengan magnitudo $M5,1$. Episenter gempabumi terletak pada koordinat $11,05^{\circ}$ LS dan $111,63^{\circ}$ BT atau tepatnya berlokasi di laut pada jarak 324 Km arah Selatan Kota Tulungagung, Jawa Timur pada kedalaman 10 km. Berdasarkan laporan masyarakat, kedua gempabumi ini dirasakan di daerah Trenggalek dengan skala intensitas II MMI. Getaran dirasakan oleh beberapa orang, benda-benda ringan yang digantung bergoyang. Hingga saat ini belum ada laporan dampak kerusakan yang ditimbulkan akibat gempabumi tersebut. Hasil pemodelan menunjukkan bahwa gempabumi ini tidak berpotensi tsunami.

Ditinjau dari kedalaman hiposenternya, kedua gempabumi ini merupakan gempabumi dangkal akibat adanya aktivitas di zona outer rise. Hasil analisis mekanisme sumber menunjukkan bahwa kedua gempabumi ini memiliki mekanisme pergerakan turun (normal fault). Dari peta *shakemap* terlihat guncangan gempabumi tersebut dirasakan beberapa daerah di Jawa Timur. Dampak dari gempabumi ini tidak menimbulkan kerusakan bangunan maupun korban jiwa.

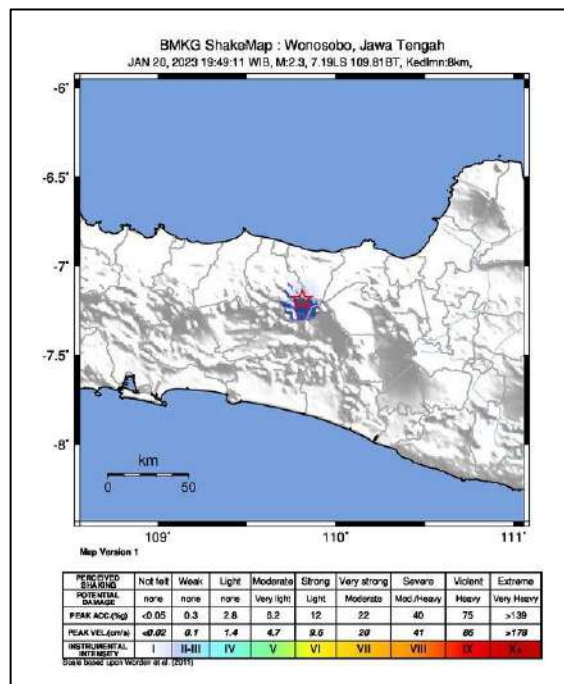


Gambar 4.7. Peta *shakemap* Gempabumi tanggal 18 Januari 2023

8. Gempabumi 20 Januari 2023

Hari Jumat, 20 Januari 2023 gempa bumi tektonik mengguncang wilayah Wonosobo, Jawa Tengah. Hasil analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 19.49.11 WIB dengan kekuatan $M= 2,3$ MLv. Episenter gempabumi terletak pada koordinat 7.19 LS dan 109.81 BT tepatnya di darat pada jarak 22 km arah barat laut kabupaten Wonosobo, Jawa Tengah dengan kedalaman 8 km. Guncangan gempabumi ini dirasakan di daerah Watumalang Wonosobo II MMI. Getaran dirasakan oleh beberapa orang, benda-benda ringan yang digantung bergoyang. Dan getaran dirasakan juga di daerah Batur Banjarnegara II-III MMI. Getaran dirasakan nyata dalam rumah. Terasa getaran seakan-akan truk berlalu.

Ditinjau dari kedalaman hiposenternya, gempabumi ini merupakan gempabumi dangkal akibat adanya aktivitas sesar lokal. Dari peta *shakemap* terlihat guncangan gempabumi tersebut dirasakan beberapa daerah di Jawa Tengah. Dampak dari gempabumi ini tidak menimbulkan kerusakan bangunan maupun korban jiwa.

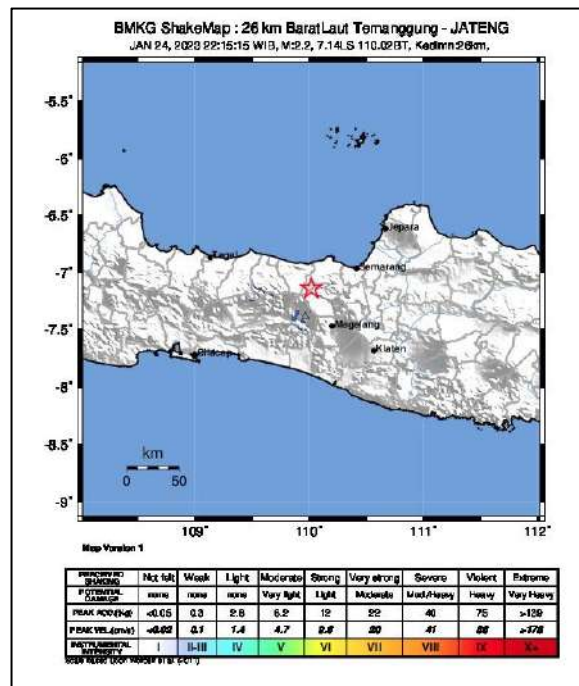


Gambar 4.8. Peta *shakemap* Gempabumi tanggal 20 Januari 2023

9. Gempabumi 24 Januari 2023

Hari Selasa, 24 Januari 2023 gempa bumi tektonik mengguncang wilayah Dieng, Wonosobo, Jawa Tengah. Hasil analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 22.15.15 WIB dengan kekuatan $M= 2,2$ MLv. Episenter gempabumi terletak pada koordinat 7,14 LS dan 110,02 BT tepatnya di darat pada jarak 26 km arah Barat Laut Temanggung dengan kedalaman 26 km. Guncangan gempabumi ini dirasakan di daerah Dieng, Wonosobo II MMI. Getaran dirasakan nyata dalam rumah. Terasa getaran seakan-akan truk berlalu.

Ditinjau dari kedalaman hiposenternya, gempabumi ini merupakan gempabumi dangkal akibat adanya aktivitas sesar lokal. Dari peta *shakemap* terlihat guncangan gempabumi tersebut dirasakan beberapa daerah di Jawa Tengah. Dampak dari gempabumi ini tidak menimbulkan kerusakan bangunan maupun korban jiwa.

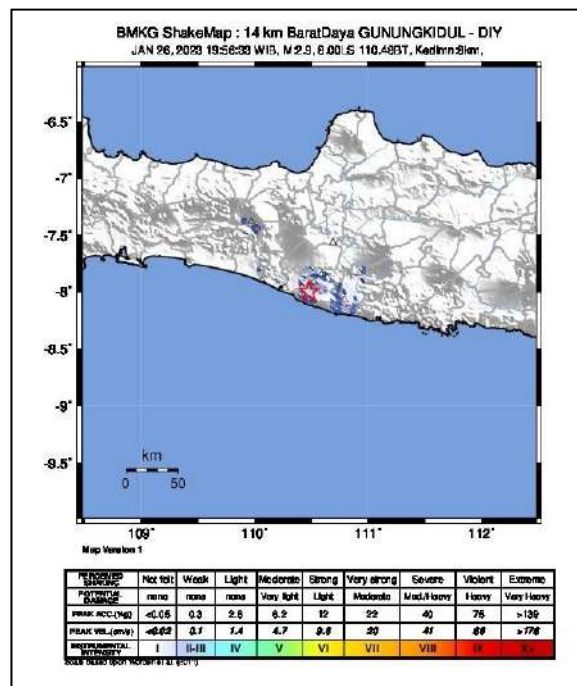


Gambar 4.9. Peta *shakemap* Gempabumi tanggal 24 Januari 2023

10. Gempabumi 26 Januari 2023

Hari Kamis, 26 Januari 2023 gempa bumi tektonik mengguncang wilayah Gunungkidul, DIY. Hasil analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 19.56.33 WIB dengan kekuatan $M= 2,9$ MLv. Episenter gempabumi terletak pada koordinat 8,00 LS dan 110,48 BT tepatnya di darat pada jarak 14 km arah Barat Daya Gunungkidul dengan kedalaman 8 km. Guncangan gempabumi ini dirasakan di daerah Kretek, Imogiri-Bantul dan Panggang, Gunungkidul DIY II MMI. Getaran dirasakan nyata dalam rumah. Terasa getaran seakan-akan truk berlalu.

Ditinjau dari kedalaman hiposenternya, gempabumi ini merupakan gempabumi dangkal akibat adanya aktivitas sesar lokal. Dari peta *shakemap* terlihat guncangan gempabumi tersebut dirasakan beberapa daerah di Jawa Tengah. Dampak dari gempabumi ini tidak menimbulkan kerusakan bangunan maupun korban jiwa.

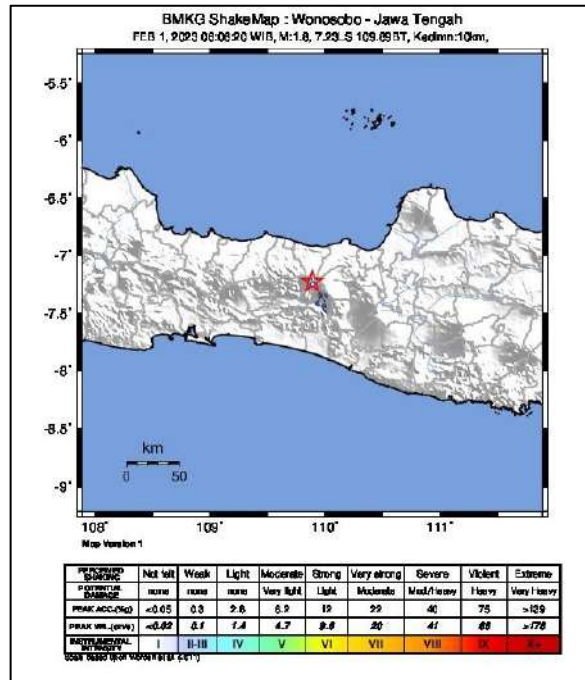


Gambar 4.10. Peta *shakemap* Gempabumi tanggal 26 Januari 2023

11. Gempabumi 01 Februari 2023

Hari Selasa, 01 Februari 2023 gempabumi tektonik mengguncang wilayah Sikunir, Wonosobo, Jawa Tengah. Hasil analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 06:06:20 WIB dengan kekuatan $M=1.8$ MLv Episenter gempabumi terletak pada koordinat 7.23 LS dan 109.89 BT tepatnya di darat pada jarak 15 km arah BaratLaut kabupaten Wonosobo-Jateng dengan kedalaman 10 km. Guncangan gempabumi ini dirasakan di daerah Sikunir-Wonosobo II MMI. Getaran dirasakan oleh beberapa orang, benda benda ringan yang digantung bergoyang.

Ditinjau dari kedalaman hiposenternya, gempabumi ini merupakan gempabumi dangkal akibat aktivitas sesar lokal. Dari peta shakemap terlihat guncangan gempabumi tersebut dirasakan di daerah Jawa Tengah. Dampak dari gempabumi ini tidak menimbulkan kerusakan bangunan maupun korban jiwa.

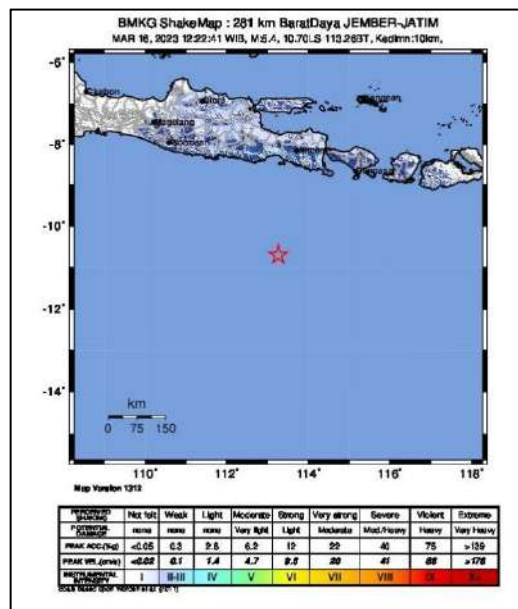


Gambar 4.11. Peta *shakemap* Gempabumi tanggal 01 Februari 2023

13. Gempabumi 16 Maret 2023

Hari Kamis, 16 Maret 2023 gempa bumi tektonik mengguncang wilayah Samudera Hindia Selatan Jawa, Jember, Jawa Timur. Hasil analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 12.22.39 WIB dengan kekuatan $M= 5,4$ MLv. Episenter gempabumi terletak pada koordinat $10,70^{\circ}$ LS dan $113,26^{\circ}$ BT, atau tepatnya berlokasi di laut pada jarak 281 Km arah BaratDaya Jember, Jawa Timur pada kedalaman 10 km. Berdasarkan estimasi peta guncangan (shakemap), gempabumi ini menimbulkan guncangan di daerah Jember dengan skala intensitas II - III MMI. Getaran dirasakan nyata dalam rumah. Terasa getaran seakan akan truk berlalu. Hasil pemodelan menunjukkan bahwa gempabumi ini tidak berpotensi tsunami.

Ditinjau dari kedalaman hiposenternya, gempabumi ini merupakan gempabumi dangkal akibat adanya aktivitas di zona outer rise. Hasil analisis mekanisme sumber menunjukkan bahwa gempabumi memiliki mekanisme pergerakan turun (normal-fault). Dari peta *shakemap* terlihat guncangan gempabumi tersebut dirasakan di daerah Jawa Timur. Dampak dari gempabumi ini tidak menimbulkan kerusakan bangunan maupun korban jiwa.

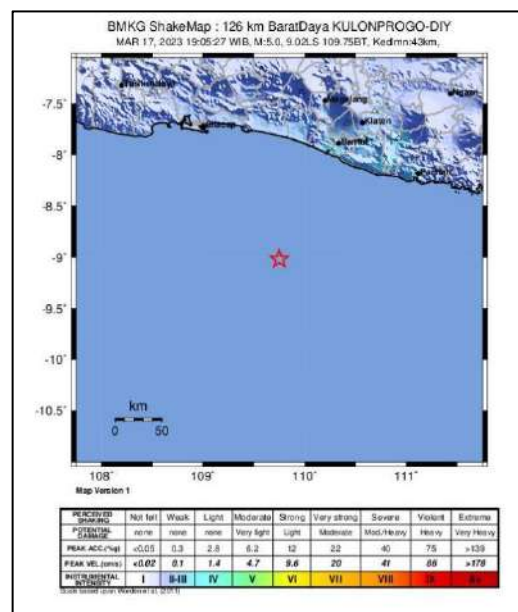


Gambar 4.13. Peta *shakemap* Gempabumi tanggal 16 Maret 2023

14. Gempabumi 17 Maret 2023

Hari Jumat, 17 Maret 2023 gempa bumi tektonik mengguncang wilayah Selatan Jawa. Hasil analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 19.05.27 WIB dengan kekuatan $M= 5,0$ MLv. Episenter gempabumi terletak pada koordinat $9,02^{\circ}$ LS dan $109,75^{\circ}$ BT, atau tepatnya berlokasi di laut pada jarak 141 Km arah Barat Daya Bantul, Daerah Istimewa Yogyakarta pada kedalaman 43 km. Gempabumi ini berdampak dan dirasakan di daerah Kulonprogo, Sleman, Bantul, Kota Yogyakarta, Gunungkidul, Kebumen, Trenggalek, Pacitan, Magelang dengan skala intensitas III MMI. Getaran dirasakan nyata dalam rumah. Terasa getaran seakan akan truk berlalu, daerah Tulungagung, Ngawi, Magetan dengan skala intensitas II - III MMI (Getaran dirasakan oleh beberapa orang, benda-benda ringan yang digantung bergoyang), daerah Kediri, Karangates, Nganjuk, Solo, Klaten, Banjarnegara, Wonogiri, Wonosobo dengan skala intensitas II MMI (Getaran dirasakan oleh beberapa orang, benda-benda ringan yang digantung bergoyang). Hasil pemodelan menunjukkan bahwa gempabumi ini tidak berpotensi tsunami.

Ditinjau dari kedalaman hiposenternya, gempabumi ini merupakan gempabumi dangkal akibat aktivitas subduksi. Dari peta *shakemap* terlihat guncangan gempabumi tersebut dirasakan di daerah Selatan. Dampak dari gempabumi ini tidak menimbulkan kerusakan bangunan maupun korban jiwa.

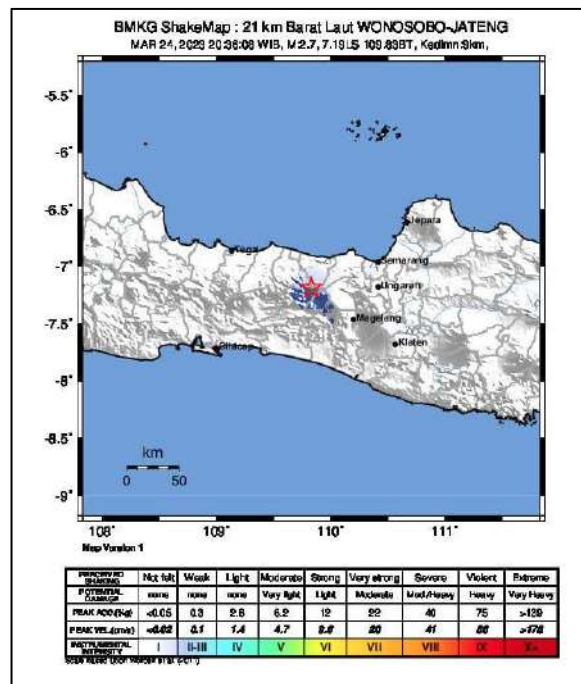


Gambar 4.14. Peta *shakemap* Gempabumi tanggal 17 Maret 2023

15. Gempabumi 24 Maret 2023

Hari Jumat, 24 Maret 2023 gempa bumi tektonik mengguncang Kepakisan dan Dieng Wonosobo, Jawa Tengah. Hasil analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 20.36.83 WIB dengan kekuatan $M= 2,7$ MLv. Episenter gempabumi terletak pada koordinat 7,19 LS ; 109,83 BT tepatnya di darat pada jarak 21 km arah BaratLaut Wonosobo, Jawa Tengah dengan kedalaman 9 km. Guncangan gempabumi ini dirasakan di Batur, Dieng kepakisan, Sikunang Wonosobo II MMI (Getaran dirasakan oleh beberapa orang, benda benda ringan yang digantung bergoyang).

Ditinjau dari kedalaman hiposenternya, gempabumi ini merupakan gempabumi dangkal akibat aktivitas sesar lokal. Dari peta *shakemap* terlihat guncangan gempabumi tersebut dirasakan di daerah Jawa Tengah. Dampak dari gempabumi ini tidak menimbulkan kerusakan bangunan maupun korban jiwa.

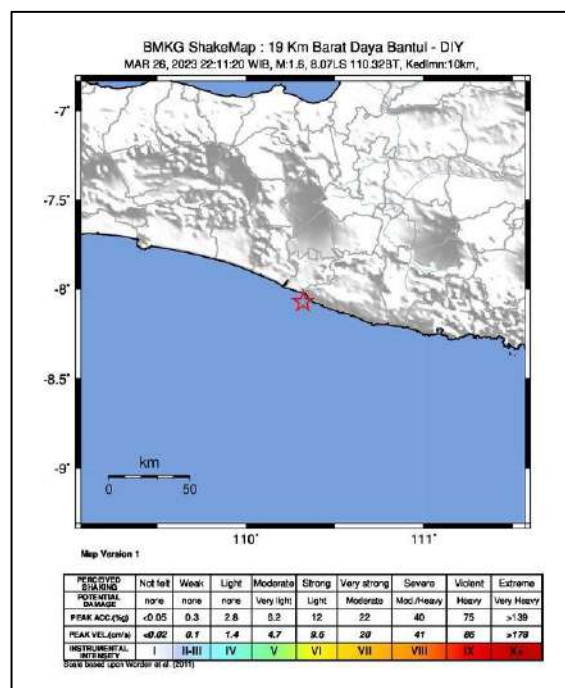


Gambar 4.15. Peta *shakemap* Gempabumi tanggal 24 Maret 2023

16. Gempabumi 26 Maret 2023

Hari Minggu, 26 Maret 2023 gempa bumi tektonik mengguncang wilayah Bantul, Daerah Istimewa Yogyakarta. Hasil analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 22.11.20 WIB dengan kekuatan $M= 1,6$ MLv. Episenter gempabumi terletak pada koordinat 8,07 LS dan 110,32 BT tepatnya di laut pada jarak 19 km arah BaratDaya Bantul dengan kedalaman 10 km. Guncangan gempabumi ini dirasakan di Ringinharjo dan Pundong, Bantul II MMI. Getaran dirasakan oleh beberapa orang, benda benda ringan yang digantung bergoyang.

Ditinjau dari kedalaman hiposenternya, gempabumi ini merupakan gempabumi dangkal akibat aktivitas sesar lokal. Dari peta *shakemap* terlihat guncangan gempabumi tersebut dirasakan di daerah Daerah Istimewa Yogyakarta. Dampak dari gempabumi ini tidak menimbulkan kerusakan bangunan maupun korban jiwa.

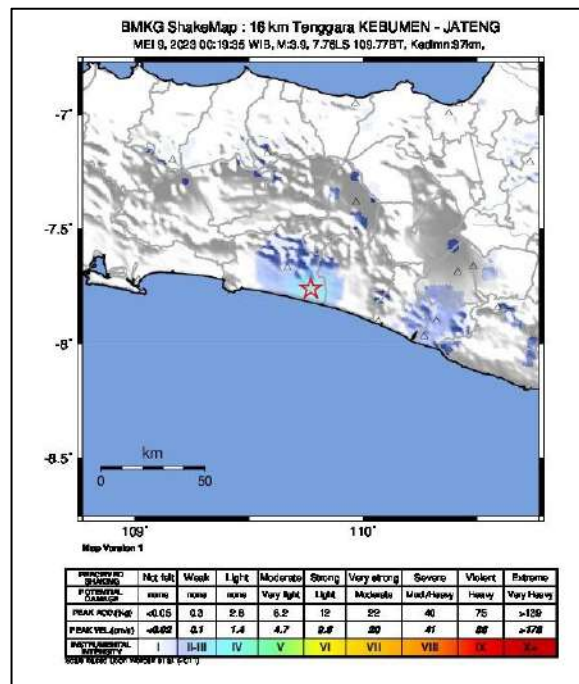


Gambar 4.16. Peta *shakemap* Gempabumi tanggal 26 Maret 2023

17. Gempabumi 09 Mei 2023

Hari Selasa, 09 Mei 2023 gempabumi tektonik mengguncang wilayah wilayah Kebumen, Jawa Tengah. Hasil analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 00.19.35 WIB dengan kekuatan $M=3.9$ MLv. Episenter gempabumi terletak pada koordinat 7.76° LS dan 109.77° BT, atau tepatnya berlokasi di darat pada jarak 16 Km Tenggara Kebumen, Jawa Tengah, pada kedalaman 97 km. Guncangan gempabumi ini dirasakan di daerah Kebumen II MMI (Getaran dirasakan oleh beberapa orang, benda-benda ringan yang digantung bergoyang). Hasil pemodelan menunjukkan bahwa gempabumi ini tidak berpotensi tsunami.

Ditinjau dari kedalaman hiposenternya, gempabumi ini merupakan gempabumi menengah akibat adanya aktivitas subduksi lempeng Indo Australia menyusup lempeng Eurasia. Dari peta *shakemap* terlihat guncangan gempabumi tersebut dirasakan beberapa daerah di Kebumen. Dampak dari gempabumi ini tidak menimbulkan kerusakan maupun korban jiwa

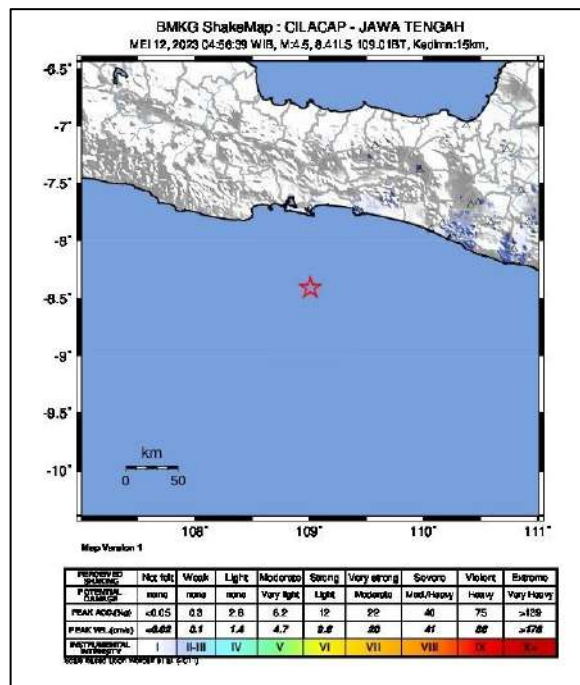


Gambar 4.17. Peta *shakemap* Gempabumi tanggal 09 Mei 2023

18. Gempabumi 12 Mei 2023

Hari Kamis, 12 Mei 2023 gempabumi tektonik mengguncang wilayah Cilacap, Jawa Tengah Hasil analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 04.56.39 WIB dengan kekuatan $M=4.5$ MLv. Episenter gempabumi terletak pada koordinat 8.41° LS dan 109.01° BT, atau tepatnya berlokasi di laut pada jarak 76 Km Tenggara Cilacap, Jawa Tengah, pada kedalaman 15 km. Guncangan gempabumi ini dirasakan di daerah Cilacap II-III MMI (Getaran dirasakan oleh beberapa orang, benda-benda ringan yang digantung bergoyang, Terasa getaran seakan-akan ada truk berlalu). Hasil pemodelan menunjukkan bahwa gempabumi ini tidak berpotensi tsunami.

Ditinjau dari kedalaman hiposenternya, gempabumi ini merupakan gempabumi dangkal akibat aktivitas subduksi lempeng Indo Australia menyusup lempeng Eurasia. Dari peta *shakemap* terlihat guncangan gempabumi tersebut dirasakan beberapa daerah di Cilacap. Dampak dari gempabumi ini tidak menimbulkan kerusakan maupun korban jiwa.

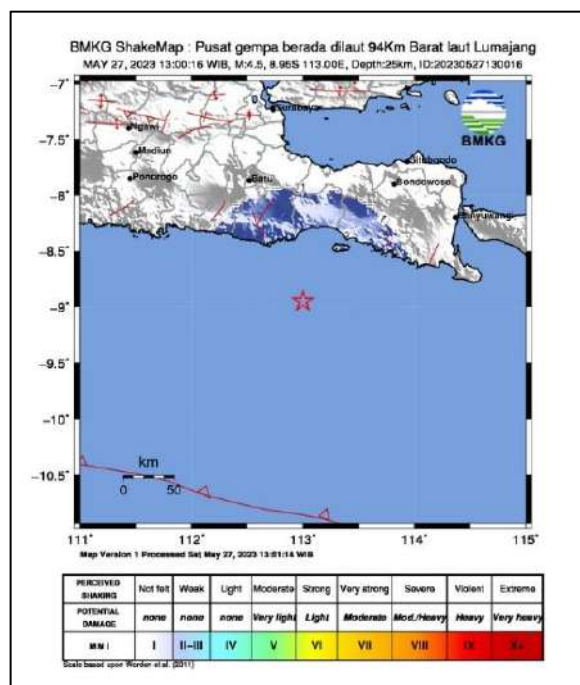


Gambar 4.18. Peta *shakemap* Gempabumi tanggal 12 Mei 2023

19. Gempabumi 27 Mei 2023

Hari Sabtu, 27 Mei 2023 gempabumi tektonik mengguncang wilayah Lumajang dan sekitarnya. Hasil analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 13.00.16 WIB dengan kekuatan $M=4.5$ MLv. Episenter gempabumi terletak pada koordinat 8.95 LS dan 113.00 BT, atau tepatnya berlokasi di Laut pada jarak 94 km BaratDaya Lumajang Jawa Timur pada kedalaman 25 km. Gempabumi ini dirasakan di Tempursari Lumajang dan Karangates Jawa Timur dengan skala intensitas I - II MMI (Getaran tidak dirasakan kecuali dalam keadaan luarbiasa oleh beberapa orang dan Getaran dirasakan oleh beberapa orang, benda-benda ringan yang digantung bergoyang).

Ditinjau dari kedalaman hiposenternya, gempabumi ini merupakan gempabumi dangkal akibat aktivitas subduksi Lempeng IndoAustralia yang menyusup dibawah Lempeng Eurasia. Dari peta *shakemap* terlihat guncangan gempabumi tersebut dirasakan beberapa daerah di Lumajang dan sekitarnya. Dampak dari gempabumi ini tidak menimbulkan kerusakan maupun korban jiwa.

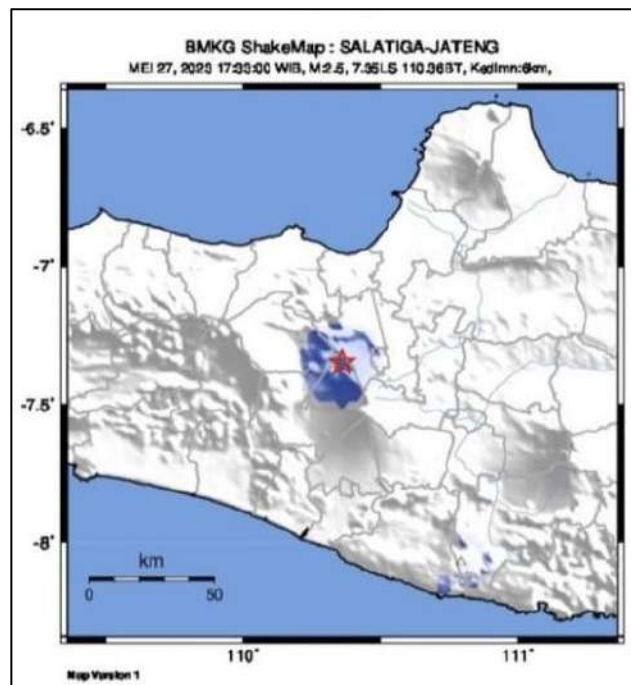


Gambar 4.19. Peta *shakemap* Gempabumi tanggal 27 Mei 2023

20. Gempabumi 27 Mei 2023

Hari Sabtu, 27 Mei 2023 gempabumi tektonik mengguncang Ambarawa dan sekitarnya. Hasil analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 17.33.00WIB dengan kekuatan $M=2.5$ MLv. Episenter gempabumi terletak pada koordinat 7.31 LS dan 110.36 BT, atau tepatnya berlokasi di darat pada jarak 15 km BaratDaya Kota Salatiga, Jawa Tengah pada kedalaman 6 km. Gempabumi ini dirasakan di Ambarawa, dan Jambu Kab Semarang, Jawa Tengah dengan skala intensitas II - III MMI (getaran dirasakan oleh beberapa orang, benda-benda ringan yang digantung bergoyang, getaran dirasakan nyata dalam rumah, terasa getaran seakan-akan ada truk berlalu).

Ditinjau dari kedalaman hiposenternya, gempabumi ini merupakan gempabumi dangkal akibat aktivitas sesar lokal.. Dari peta *shakemap* terlihat guncangan gempabumi tersebut dirasakan beberapa daerah di Ambarawa dan sekitarnya. Dampak dari gempabumi ini tidak menimbulkan kerusakan maupun korban jiwa.

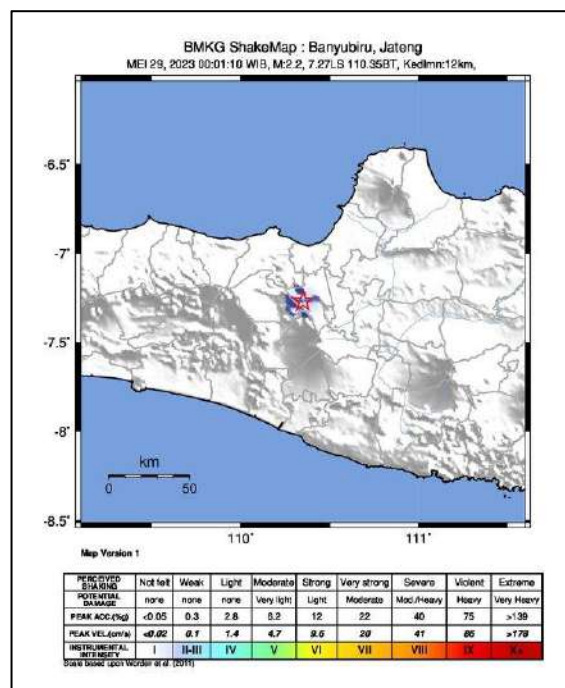


Gambar 4.20 Peta *shakemap* Gempabumi tanggal 27 Mei 2023

21. Gempabumi 29 Mei 2023

Hari Senin, 29 Mei 2023 gempabumi tektonik mengguncang wilayah Banyubiru dan sekitarnya. Hasil analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 00.01.10 WIB dengan kekuatan $M=2.2$ MLv. Episenter gempabumi terletak pada koordinat 7.27 LS dan 110.35 BT, atau tepatnya berlokasi di darat pada jarak 16 km BaratDaya Kab Semarang, Jawa Tengah pada kedalaman 12 km. Gempabumi ini dirasakan di Kec. Banyubiru, Kab. Semarang, Jawa Tengah dengan skala intensitas I – II MMI (getaran dirasakan oleh beberapa orang).

Ditinjau dari kedalaman hiposenternya, gempabumi ini merupakan gempabumi dangkal akibat aktivitas sesar lokal. Dari peta *shakemap* terlihat guncangan gempabumi tersebut dirasakan beberapa daerah di Banyubiru dan sekitarnya . Dampak dari gempabumi ini tidak menimbulkan kerusakan maupun korban jiwa

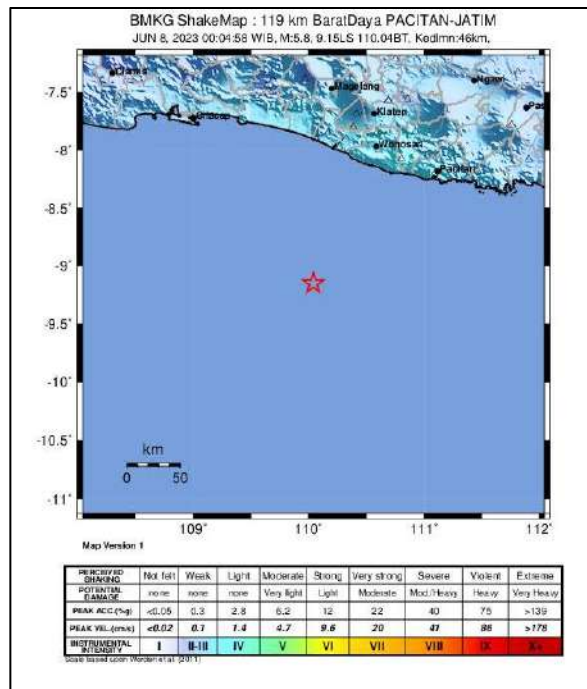


Gambar 4.21. Peta *shakemap* Gempabumi tanggal 29 Mei 2023

22. Gempabumi 08 Juni 2023

Hari Senin, 08 Juni 2023 gempabumi tektonik mengguncang Selatan Jawa, Daerah Istimewa Yogyakarta. Hasil analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 00.04.55 WIB dengan kekuatan $M=5.8$ MLv. Episenter gempabumi terletak pada koordinat $9,15^{\circ}$ LS dan $110,64^{\circ}$ BT, atau tepatnya berlokasi di laut pada jarak 128 Km arah Selatan Gunungkudul, Daerah Istimewa Yogyakarta pada kedalaman 46 km. Gempabumi ini dirasakan di Yogyakarta dengan skala intensitas IV-V MMI (Getaran dirasakan oleh hampir semua penduduk, orang banyak terbangun, gerabah pecah, barang-barang terpelanting, tiang-tiang dan barang besar tampak bergoyang, bandul lonceng dapat berhenti), di daerah Ponorogo, Wonogiri, Solo, Madiun, Nganjuk, Blitar, Karangates dengan skala intensitas III-IV MMI (Pada siang hari dirasakan oleh orang banyak dalam rumah, di luar oleh beberapa orang, gerabah pecah, jendela/pintu berderik dan dinding berbunyi) daerah Banjarnegara, Semarang, Kendal, Jepara dengan skala intensitas III MMI (Getaran dirasakan nyata dalam rumah. Terasa getaran seakan-akan ada truk berlalu), daerah Demak dengan skala intensitas II (Getaran dirasakan oleh beberapa orang, benda-benda ringan yang digantung bergoyang.) MMI.. Hasil pemodelan menunjukkan bahwa gempabumi ini tidak berpotensi tsunami.

Ditinjau dari kedalaman hiposenternya, gempabumi ini merupakan gempabumi dangkal akibat aktivitas subduksi Lempeng Indo-Australia ke bawah Lempeng Eurasia. Hasil analisis mekanisme sumber menunjukkan bahwa gempabumi memiliki mekanisme pergerakan naik (thrust fault). Dari peta *shakemap* terlihat guncangan gempabumi tersebut dirasakan beberapa daerah Daerah Istimewa Yogyakarta. Dampak dari gempabumi ini tidak menimbulkan kerusakan maupun korban jiwa

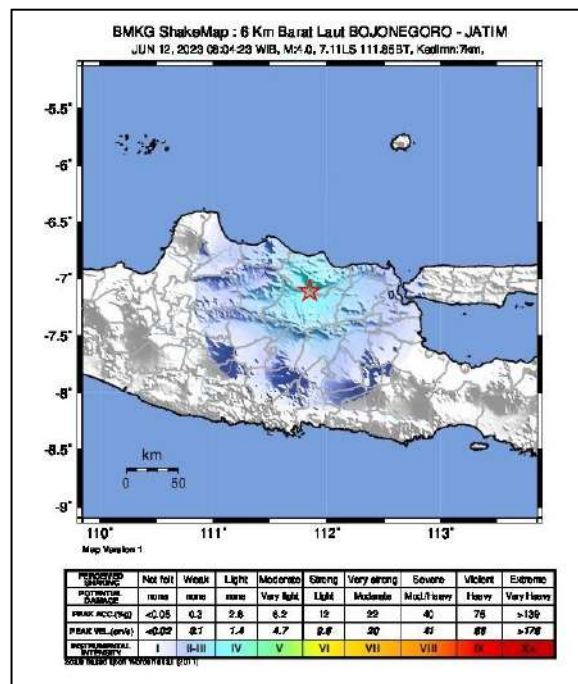


Gambar 4.22. Peta *shakemap* Gempabumi tanggal 08 Juni 2023

23. Gempabumi 12 Juni 2023

Hari Minggu, 12 Juni 2023 gempabumi tektonik mengguncang wilayah Bojonegoro, Tuban dan sekitarnya. Hasil analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 08.04.23 WIB dengan kekuatan $M=4.0$ MLv. Episenter gempabumi terletak pada koordinat $7,11^{\circ}$ LS dan $111,85^{\circ}$ BT, atau tepatnya berlokasi di darat pada jarak 6 km BaratLaut BOJONEGORO-JATIM pada kedalaman 7 km. Gempabumi ini dirasakan di Bojonegoro, Tuban, Jawa Timur dengan skala intensitas II–III MMI (Getaran dirasakan nyata dalam rumah, terasa getaran seakan-akan ada truk berlalu).

Ditinjau dari kedalaman hiposenternya, gempabumi wilayah ini merupakan Gempabumi dangkal akibat aktivitas sesar lokal. Dari peta *shakemap* terlihat guncangan gempabumi tersebut dirasakan beberapa daerah di Bojonegoro, Tuban dan sekitarnya. Dampak dari gempabumi ini tidak menimbulkan kerusakan bangunan maupun korban jiwa.

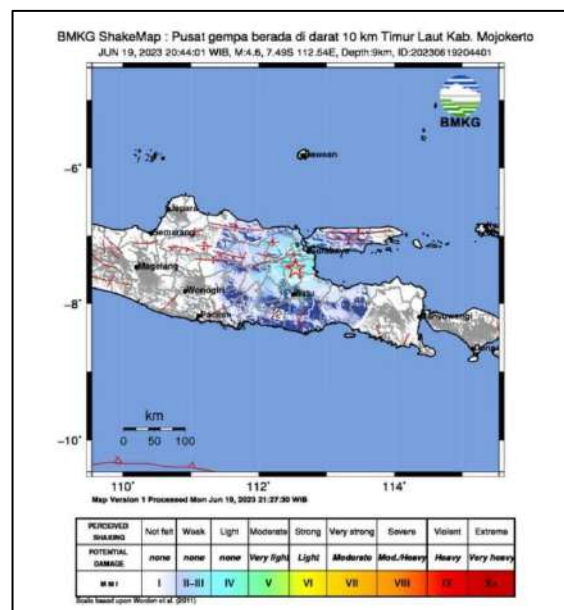


Gambar 4.23. Peta *shakemap* Gempabumi tanggal 12 Juni 2023

24. Gempabumi 19 Juni 2023

Hari Minggu, 19 Juni 2023 gempabumi tektonik mengguncang wilayah Mojokerto, Jawa Timur. Hasil analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 20:44:01 WIB dengan kekuatan $M=4.6$ MLv. Episenter gempabumi terletak pada koordinat 7.49 LS dan 112.54 BT, atau tepatnya berlokasi di darat pada jarak 10 km timur Laut Kab. Mojokerto, Jawa Timur pada kedalaman 9 km. Guncangan gempabumi ini dirasakan Mojokerto III - IV MMI (Getaran dirasakan nyata dalam rumah. Terasa getaran seakan-akan ada truk berlalu, Pada siang hari dirasakan oleh orang banyak dalam rumah, di luar oleh beberapa orang, gerabah pecah, jendela/pintu berderik dan dinding berbunyi), Pasuruan, Surabaya, Lamongan, Gresik III MMI (Getaran dirasakan nyata dalam rumah. Terasa getaran seakan-akan ada truk berlalu), Sidoarjo II-III MMI (Getaran dirasakan oleh beberapa orang, benda-benda ringan yang digantung bergoyang, Terasa getaran seakan-akan ada truk berlalu), Lawang II MMI (Getaran dirasakan oleh beberapa orang, benda-benda ringan yang digantung bergoyang).

Ditinjau dari kedalaman hiposenternya, gempabumi ini merupakan gempabumi dangkal akibat aktivitas sesar lokal. Dari peta *shakemap* terlihat guncangan gempabumi tersebut dirasakan di beberapa daerah di Jawa Timur. Dampak dari gempabumi ini tidak menimbulkan kerusakan bangunan maupun korban jiwa.

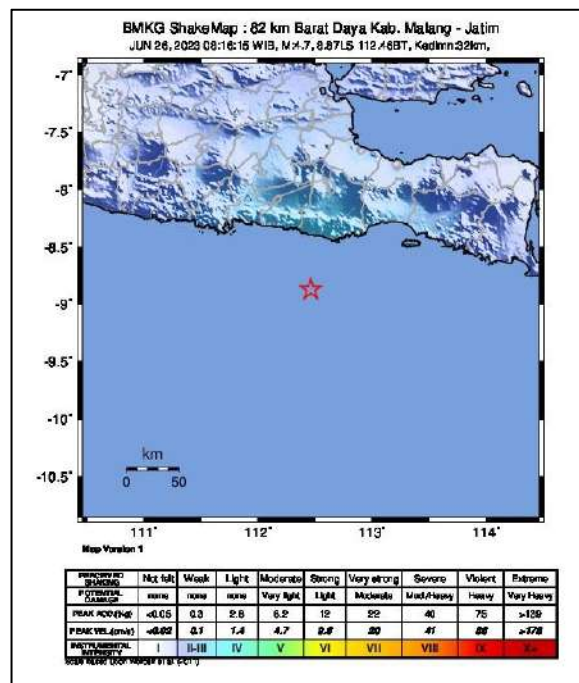


Gambar 4.24. Peta *shakemap* Gempabumi tanggal 19 Juni 2023

25. Gempabumi 26 Juni 2023

Hari Senin, 26 Juni 2023 gempabumi tektonik mengguncang wilayah Kab, MALANG, dan sekitarnya. Hasil analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 08.16.15 WIB dengan kekuatan $M=4.7$ MLv. Episenter gempabumi terletak pada koordinat 8.87° LS dan 112.46° BT tepatnya di laut pada jarak 82 km arah baratdaya Kab, MALANG, dengan kedalaman 32 Km. Guncangan gempabumi ini dirasakan di daerah Trenggalek, Gondanglegi, Kepanjen, Jember, Tulungagung, Malang II MMI (Getaran dirasakan sedikit orang, benda-benda ringan yang digantung bergoyang). Karangates, Blitar III MMI (Getaran dirasakan seperti truk yang melintas).

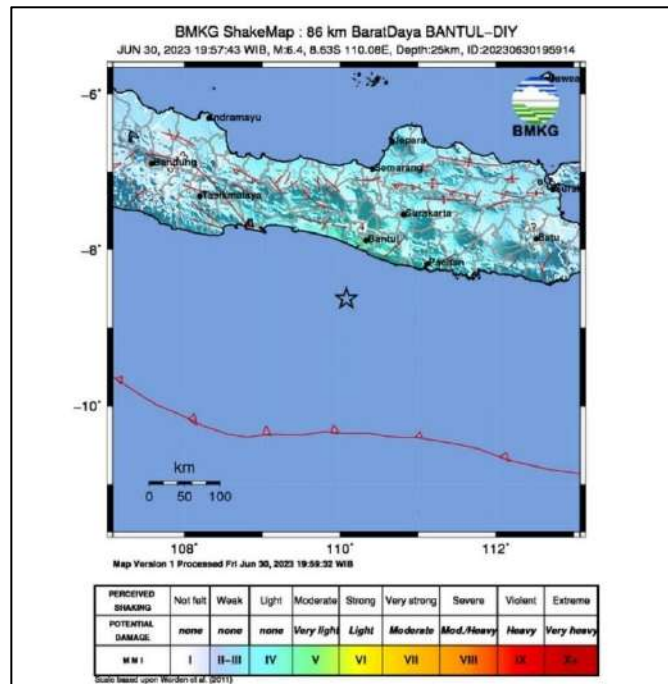
Ditinjau dari kedalaman hiposenternya, gempabumi ini merupakan gempabumi dangkal akibat aktivitas sesar lokal. Dari peta *shakemap* terlihat guncangan gempabumi tersebut dirasakan di beberapa daerah di Jawa Timur. Dampak dari gempabumi ini tidak menimbulkan kerusakan bangunan maupun korban jiwa.



Gambar 4.25. Peta *shakemap* Gempabumi tanggal 26 Juni 2023

26. Gempabumi 30 Juni 2023

Hari Jumat, 30 Juni 2023 gempabumi tektonik mengguncang wilayah Jawa dan Sekitarnya. Hasil analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 19:57:43 WIB dengan kekuatan $M= 6.4$ MLv. Episenter gempabumi terletak pada koordinat 8.63° LS dan 110.08° BT tepatnya di laut pada jarak 25 km. Guncangan gempabumi ini dirasakan di daerah Kabupaten Pacitan IV MMI. Kabupaten Magetan, Kab. Madiun, Kab. Jember, Kota Kediri, Kab. Ponorogo, Kota Malang, Kab. Malang, Kab. Pacitan dan Kab. Tuban III MMI. Kab. Bangkalan, Kota Surabaya, Kab. Blitar, Kab. Lumajang, Kab. Banyuwangi, Kab. Lamongan, Kab. Nganjuk, Kab. Bojonegoro, Kab. Gresik dan Kab. Tulungagung II MMI.

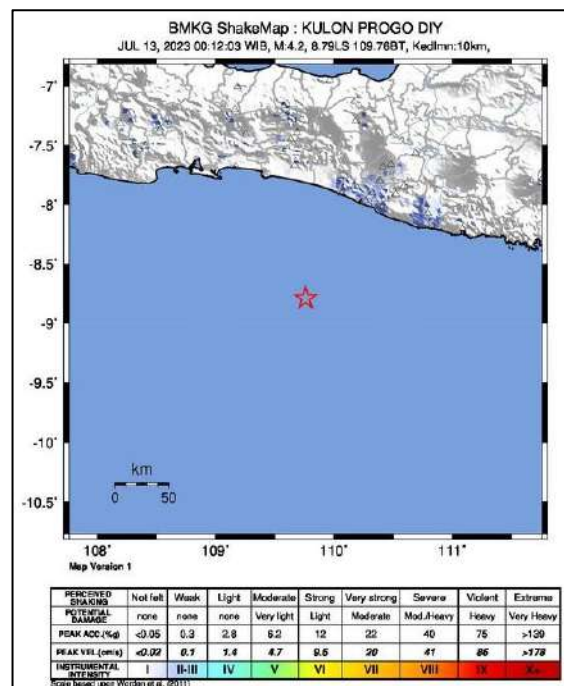


Gambar 4.26. Peta *shakemap* Gempabumi tanggal 30 Juni 2023

27. Gempabumi 13 Juli 2023

Hari Kamis, 13 Juli 2023 gempabumi tektonik mengguncang wilayah Kulonprogo, DIY dan sekitarnya. Hasil analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 00.12.03 WIB dengan kekuatan $M=4.2$ MLv. Episenter gempabumi terletak pada koordinat 8.79° LS dan 109.76° BT tepatnya di laut pada jarak 117 km arah baratdaya Kulonprogo, DIY dengan kedalaman 10 Km. Guncangan gempabumi ini dirasakan di daerah Bantul II MMI (Getaran dirasakan sedikit orang, benda-benda ringan yang digantung bergoyang).

Ditinjau dari kedalaman hiposenternya, gempabumi ini merupakan gempabumi dangkal akibat adanya aktivitas pada zona subduksi. Dari peta *shakemap* terlihat guncangan gempabumi tersebut dirasakan beberapa daerah di Kulonprogo, DIY dan sekitarnya. Dampak dari gempabumi ini tidak menimbulkan kerusakan maupun korban jiwa.

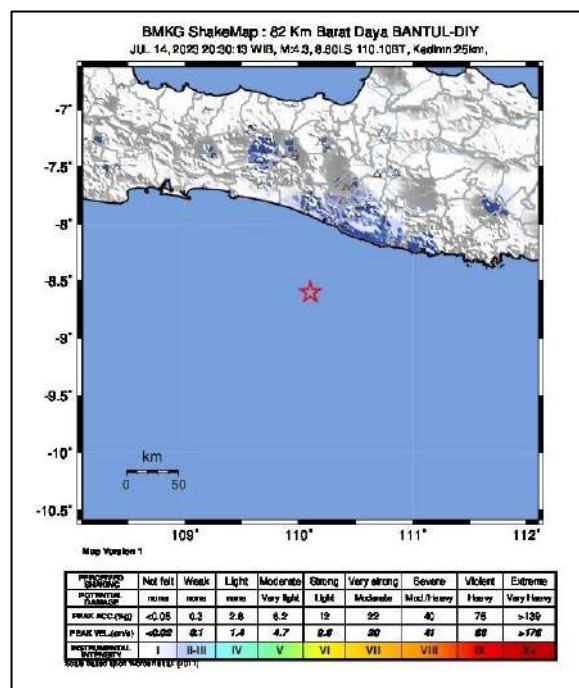


Gambar 4.27. Peta *shakemap* Gempabumi tanggal 13 Juli 2023

28. Gempabumi 14 Juli 2023

Hari Jumat, 14 Juli 2023 gempabumi tektonik mengguncang wilayah Bantul, DIY dan sekitarnya. Hasil analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 20.30.13 WIB dengan kekuatan $M=4.3$ MLv. Episentier gempabumi terletak pada koordinat 8.60° LS dan 110.10° BT tepatnya di laut pada jarak 82 km arah baratdaya Bantul, DIY dengan kedalaman 25 Km. Guncangan gempabumi ini dirasakan di daerah Wonosari, Imogiri, Pacitan II MMI (Getaran dirasakan sedikit orang, benda-benda ringan yang digantung bergoyang)

Ditinjau dari kedalaman hiposenternya, gempabumi ini merupakan gempabumi dangkal akibat adanya aktivitas pada zona subduksi. Dari peta *shakemap* terlihat guncangan gempabumi tersebut dirasakan beberapa daerah di Bantul, DIY dan sekitarnya. Dampak dari gempabumi ini tidak menimbulkan kerusakan maupun korban jiwa.

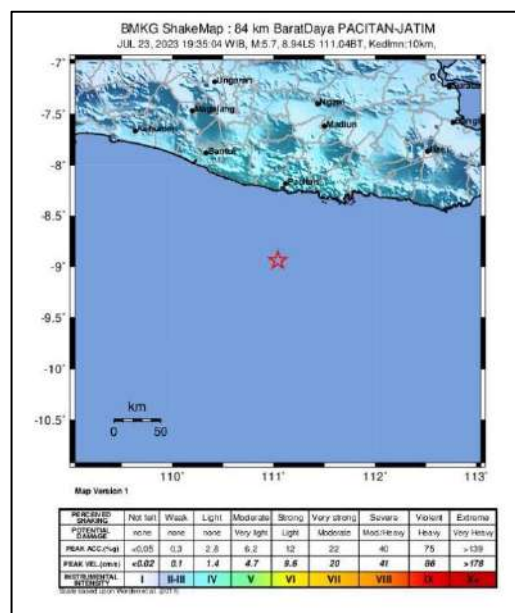


Gambar 4.28. Peta *shakemap* Gempabumi tanggal 14 Juli 2023

29. Gempabumi 23 Juli 2023

Hari Minggu, 23 Juli 2023 gempabumi tektonik mengguncang Selatan Jawa, Pacitan, Jawa Timur. Hasil analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 19.33.25 WIB dengan kekuatan $M=5.5$ MLv. Episenter gempabumi terletak pada koordinat $8,89^{\circ}$ LS dan $111,00^{\circ}$ BT, atau tepatnya berlokasi di laut pada jarak 79 Km arah Barat Daya Kota Pacitan, Jawa Timur pada kedalaman 42 km. Gempabumi ini dirasakan di Kota Ponorogo dengan skala intensitas IV MMI (Bila pada siang hari dirasakan oleh orang banyak dalam rumah), daerah Bantul, Pacitan, Purworejo, Blitar dengan skala intensitas III MMI (Getaran dirasakan nyata dalam rumah. Terasa getaran seakan-akan ada truk berlalu), daerah Klaten, Wonosobo, Banjarnegara, Magelang, Kepanjen, Karangates dengan skala intensitas II - III MMI (Getaran dirasakan nyata dalam rumah. Terasa getaran seakan-akan ada truk berlalu). Hasil pemodelan menunjukkan bahwa gempabumi ini tidak berpotensi tsunami.

Ditinjau dari kedalaman hiposenternya, gempabumi ini merupakan gempabumi dangkal akibat aktivitas subduksi Lempeng Indo-Australia ke bawah Lempeng Eurasia. Hasil analisis mekanisme sumber menunjukkan bahwa gempabumi memiliki mekanisme geser naik (oblique thrust). Dari peta *shakemap* terlihat guncangan gempabumi tersebut dirasakan di beberapa daerah di Jawa Timur. Dampak dari gempabumi ini tidak menimbulkan kerusakan bangunan maupun korban jiwa.

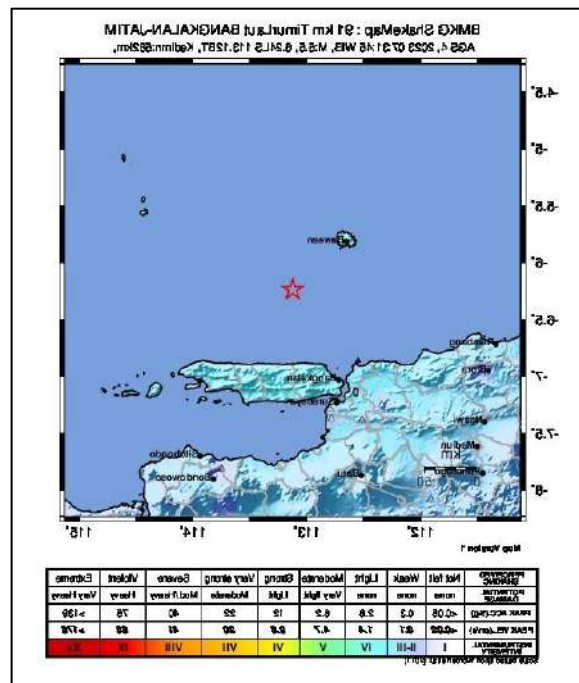


Gambar 4.29. Peta *shakemap* Gempabumi tanggal 23 Juli 2023

30. Gempabumi 04 Agustus 2023

Hari Jumat, 04 Agustus 2023 gempabumi tektonik mengguncang Laut Jawa, Bangkalan, Jawa Timur. Hasil analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 07.31.41 WIB dengan kekuatan $M=5.5$ MLv. Episenter gempabumi terletak pada koordinat $6,24^{\circ}$ LS dan $113,12^{\circ}$ BT, atau tepatnya berlokasi di laut pada jarak 91 Km arah TimurLaut Bangkalan, Jawa Timur pada kedalaman 582 km. Gempabumi ini berdampak dan dirasakan di daerah Karangates, Pacitan, Denpasar dan Kuta dengan skala intensitas II MMI (Getaran dirasakan oleh beberapa orang, benda-benda ringan yang digantung bergoyang). Hasil pemodelan menunjukkan bahwa gempabumi ini tidak berpotensi tsunami.

Ditinjau dari kedalaman hiposenternya, gempabumi ini merupakan gempabumi dalam akibat adanya deformasi batuan akibat slab-pull mechanism pada slab Lempeng Indo-Australia yang tersubduksi ke bawah Lempeng Eurasia. Hasil analisis mekanisme sumber menunjukkan bahwa gempabumi memiliki mekanisme pergerakan turun (normal fault). Dari peta *shakemap* terlihat guncangan gempabumi tersebut dirasakan di beberapa daerah di Jawa Timur. Dampak dari gempabumi ini tidak menimbulkan kerusakan bangunan maupun korban jiwa.

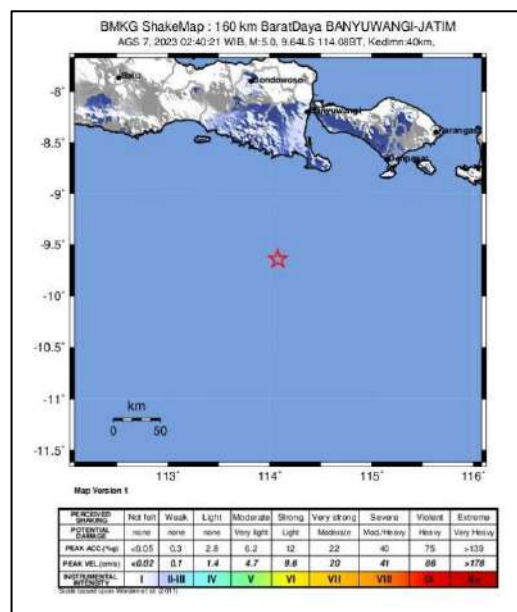


Gambar 4.30. Peta *shakemap* Gempabumi tanggal 04 Agustus 2023

31. Gempabumi 07 Agustus 2023

Hari Senin, 07 Agustus 2023 gempabumi tektonik mengguncang Samudera Hindia Selatan Jawa, Banyuwangi, Jawa Timur. Hasil Analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 02.40.16 WIB dengan kekuatan $M=5.0$ MLv. Episenter gempabumi terletak pada koordinat $9,64^{\circ}$ LS dan $114,08^{\circ}$ BT, atau tepatnya berlokasi di laut pada jarak 84 Km arah Selatan Tegaldlimo, Banyuwangi, Jawa Timur pada kedalaman 40 km. Gempabumi ini menimbulkan guncangan di daerah Tegaldlimo dan Purwoharjo, Banyuwangi dengan skala intensitas II - III MMI (Getaran dirasakan nyata dalam rumah. Terasa getaran seakan akan truk berlalu) dan daerah Tempurejo, Jember dengan skala intensitas II MMI (Getaran dirasakan oleh beberapa orang, benda-benda ringan yang digantung bergoyang). Hasil pemodelan menunjukkan bahwa gempabumi ini tidak berpotensi tsunami.

Ditinjau dari kedalaman hiposenternya, gempabumi ini merupakan gempabumi dangkal akibat adanya aktivitas subduksi lempeng Indo-Australia yang menunjam ke dalam Lempeng Eurasia. Hasil analisis mekanisme sumber menunjukkan bahwa gempabumi memiliki mekanisme pergerakan naik (thrust fault). Dari peta *shakemap* terlihat guncangan gempabumi tersebut dirasakan di beberapa daerah di Jawa Timur. Dampak dari gempabumi ini tidak menimbulkan kerusakan bangunan maupun korban jiwa.

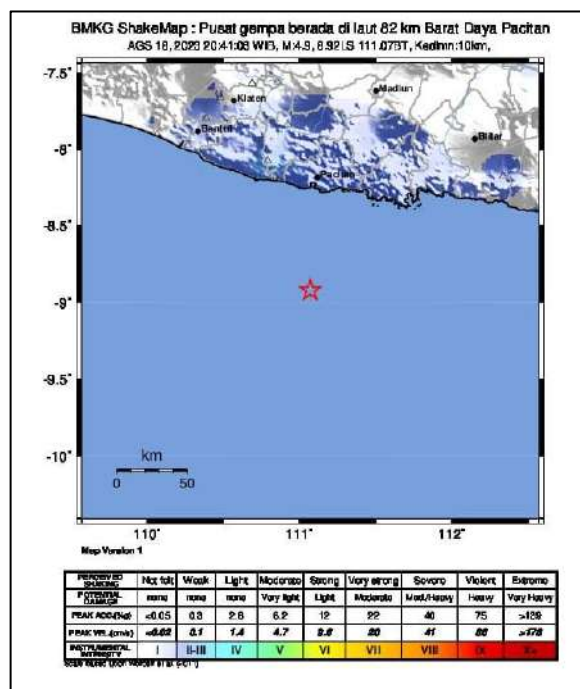


Gambar 4.31. Peta *shakemap* Gempabumi tanggal 07 Agustus 2023

32. Gempabumi 18 Agustus 2023

Hari Jumat, 18 Agustus 2023 gempabumi tektonik mengguncang Pacitan, Jawa Timur dan sekitarnya. Hasil Analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 20:41:06 WIB dengan kekuatan $M=4.9$ MLv. Episenter gempabumi terletak pada koordinat 8.92° LS dan 111.07° BT tepatnya di laut pada jarak 82 km arah BaratDaya Pacitan, Jawa Timur dengan kedalaman 10 Km. Guncangan gempabumi ini dirasakan di daerah Pacitan, Bantul, Trenggalek II MMI (Getaran dirasakan sedikit orang, benda-benda ringan yang digantung bergoyang)

Ditinjau dari kedalaman hiposenternya, gempabumi ini merupakan gempabumi dangkal akibat adanya aktivitas sesar di dasar laut. Dari peta *shakemap* terlihat guncangan gempabumi tersebut dirasakan di beberapa daerah di Jawa Timur. Dampak dari gempabumi ini tidak menimbulkan kerusakan bangunan maupun korban jiwa.

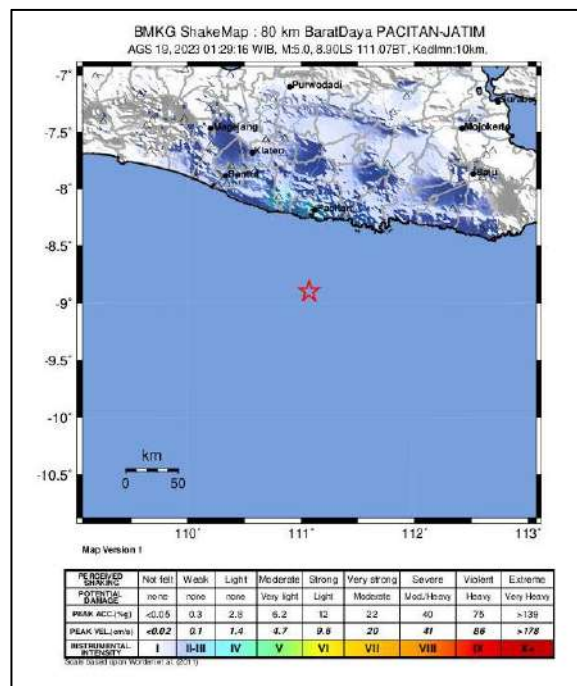


Gambar 4.32. Peta *shakemap* Gempabumi tanggal 18 Agustus 2023

33. Gempabumi 19 Agustus 2023

Hari Sabtu, 19 Agustus 2023 gempabumi tektonik mengguncang Samudera Hindia Selatan Jawa, Pacitan, Jawa Timur . Hasil Analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 01.29.15 WIB dengan kekuatan $M=5.0$ MLv. Episenter gempabumi terletak pada koordinat $8,90^{\circ}$ LS dan $111,07^{\circ}$ BT, atau tepatnya berlokasi di laut pada jarak 80 Km arah BaratDaya Kota Pacitan, Jawa Timur pada kedalaman 10 km. Gempabumi ini berdampak dan dirasakan di daerah Pacitan dengan skala intensitas III MMI (Getaran dirasakan nyata dalam rumah. Terasa getaran seakan akan truk berlalu), daerah Gunungkidul, Bantul dan Yogyakarta dengan skala intensitas II MMI (Getaran dirasakan oleh beberapa orang, benda-benda ringan yang digantung bergoyang). Hasil pemodelan menunjukkan bahwa gempabumi ini tidak berpotensi tsunami.

Ditinjau dari kedalaman hiposenternya, gempabumi ini merupakan gempabumi dangkal akibat adanya aktivitas sesar dasar laut. Hasil analisis mekanisme sumber menunjukkan bahwa gempabumi memiliki mekanisme pergerakan geser (strike-slip). Dari peta *shakemap* terlihat guncangan gempabumi tersebut dirasakan di beberapa daerah di Jawa Timur. Dampak dari gempabumi ini tidak menimbulkan kerusakan bangunan maupun korban jiwa.

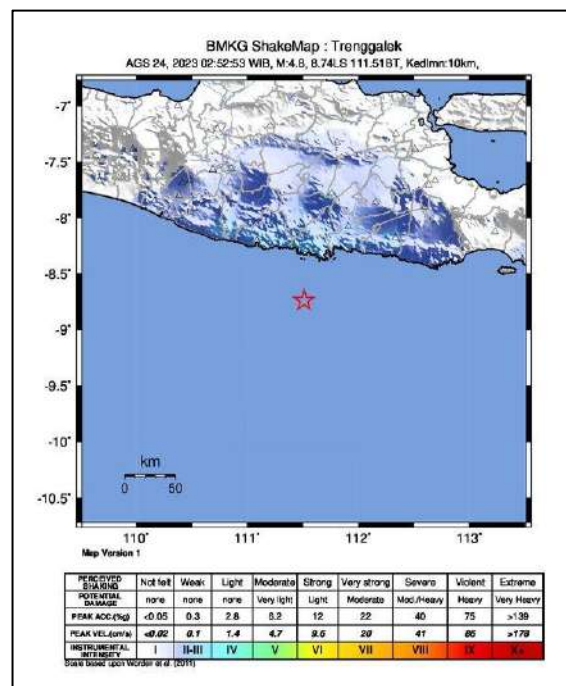


Gambar 4.33. Peta *shakemap* Gempabumi tanggal 19 Agustus 2023

34. Gempabumi 24 Agustus 2023

Hari Kamis, 24 Agustus 2023 gempabumi tektonik mengguncang Trenggalek, Jawa Tmur dan sekitarnya. Hasil Analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 02:52:53 WIB dengan kekuatan $M=4.8$ MLv. Episenter gempabumi terletak pada koordinat 8.74° LS; 111.51° BT tepatnya di laut pada jarak 76 km arah BaratDaya Trenggalek, Jawa Timur dengan kedalaman 10 Km. Guncangan gempabumi ini dirasakan di daerah Trenggalek, Blitar, Nganjuk, Karangates II MMI (Getaran dirasakan sedikit orang, benda-benda ringan yang digantung bergoyang).

Ditinjau dari kedalaman hiposenternya, gempabumi ini merupakan gempabumi dangkal akibat adanya aktivitas sesar dasar laut. Dari peta *shakemap* terlihat guncangan gempabumi tersebut dirasakan di beberapa daerah di Jawa Timur. Dampak dari gempabumi ini tidak menimbulkan kerusakan bangunan maupun korban jiwa.

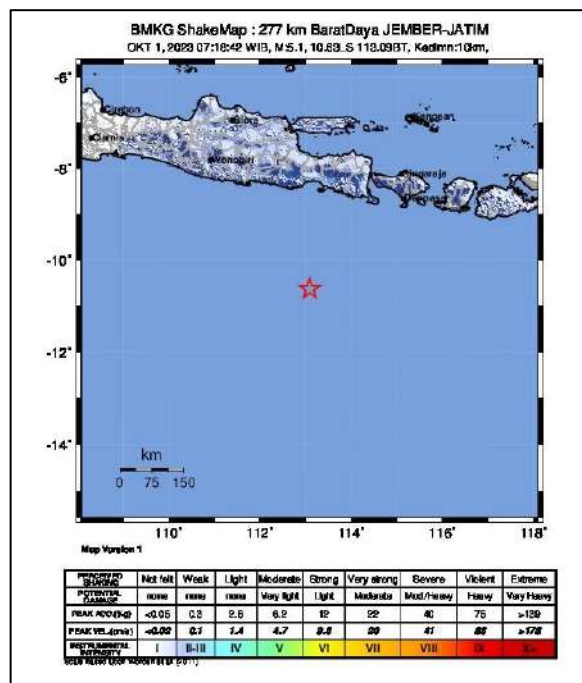


Gambar 4.34. Peta *shakemap* Gempabumi tanggal 24 Agustus 2023

35. Gempabumi 01 Oktober 2023

Hari Minggu, 01 Oktober 2023 gempabumi tektonik mengguncang Samudera Hindia Selatan, Jawa Timur. Hasil analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 07.18.41 WIB dengan kekuatan $M=5.1$ MLv. Episenter gempabumi terletak pada koordinat $10,63^{\circ}$ LS dan $113,09^{\circ}$ BT, atau tepatnya berlokasi di laut pada jarak 277 Km arah barat daya Jember, Jawa Timur pada kedalaman 10 km. Gempabumi ini menimbulkan guncangan di daerah Jember dan Malang dengan skala intensitas I - II MMI (Getaran dirasakan oleh beberapa orang, benda-benda ringan yang digantung bergoyang). Hasil pemodelan menunjukkan bahwa gempabumi ini tidak berpotensi tsunami.

Ditinjau dari kedalaman hiposenternya, gempabumi ini merupakan gempabumi dangkal akibat aktivitas pada Zona Outte-Rise. Hasil analisis mekanisme sumber menunjukkan bahwa gempabumi memiliki mekanisme pergerakan turun (normal fault). Dari peta *shakemap* terlihat guncangan gempabumi tersebut dirasakan beberapa daerah di Jawa Timur. Dampak dari gempabumi ini tidak menimbulkan kerusakan bangunan maupun korban jiwa..

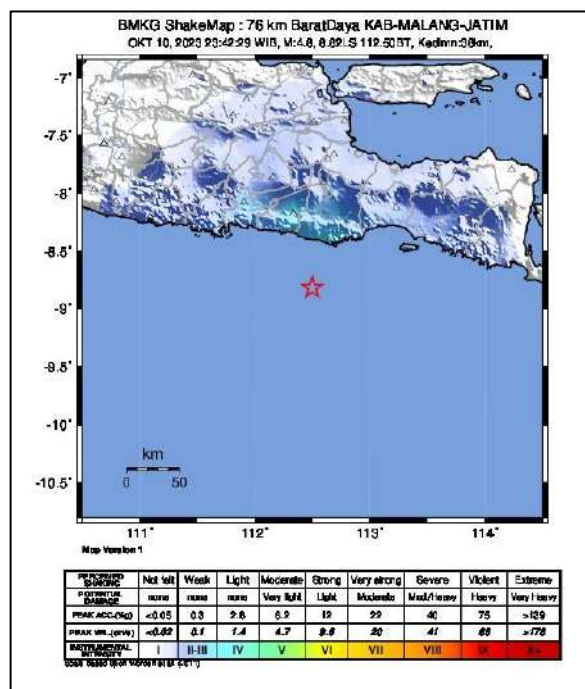


Gambar 4.35. Peta *shakemap* Gempabumi tanggal 01 Oktober 2023

36. Gempabumi 10 Oktober 2023

Hari Selasa, 10 Oktober 2023 gempabumi tektonik mengguncang wilayah Kab, Malang, dan sekitarnya. Hasil analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 23.42.29 WIB dengan kekuatan $M=4.8$ MLv. Episenter gempabumi terletak pada koordinat 8.82° LS dan 112.50° BT tepatnya di laut pada jarak 76 km arah BaratDaya Kab, MALANG, dengan kedalaman 38 Km. Guncangan gempabumi ini dirasakan di daerah Blitar, Lumajang, Jember II MMI (Getaran dirasakan sedikit orang, benda-benda ringan yang digantung bergoyang). Malang III MMI (Getaran dirasakan seperti truk yang melintas).

Ditinjau dari kedalaman hiposenternya, gempabumi ini merupakan gempabumi dangkal akibat adanya aktivitas pada zona subduksi. Dari peta *shakemap* terlihat guncangan gempabumi tersebut dirasakan beberapa daerah Kabupaten Malang. Dampak dari gempabumi ini tidak menimbulkan kerusakan bangunan maupun korban jiwa

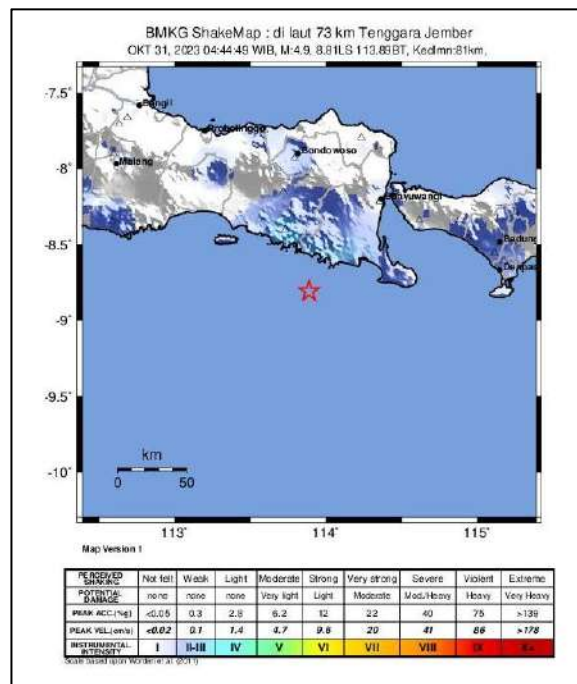


Gambar 4.36. Peta *shakemap* Gempabumi tanggal 10 Oktober 2023

37. Gempabumi 31 Oktober 2023

Hari Selasa, 31 Oktober 2023 gempabumi tektonik mengguncang wilayah Badung Bali dan Jember Jawa Timur. Hasil analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 05.44.48 WITA dengan kekuatan $M=4.9$ MLv. Episenter terletak pada koordinat $8,81^{\circ}$ LS; $113,89^{\circ}$ BT, atau tepatnya berlokasi di laut pada jarak 73 km Tenggara Jember Jawa Timur, pada kedalaman 81 km. Dampak gempabumi berdasarkan laporan masyarakat berupa guncangan dirasakan di wilayah Badung dan Jember II MMI (Getaran dirasakan oleh beberapa orang, benda-benda ringan yang digantung bergoyang). Hasil pemodelan tsunami dengan sumber gempabumi tektonik menunjukkan bahwa gempabumi ini tidak berpotensi tsunami.

Ditinjau dari kedalaman hiposenternya, gempabumi ini merupakan gempabumi menengah akibat adanya aktivitas subduksi lempeng Indo-Australia dibawah lempeng Eurasia. Hasil analisis mekanisme sumber menunjukkan bahwa gempabumi memiliki mekanisme pergerakan sesar naik dengan kombinasi mendatar (oblique thrust fault). Dari peta *shakemap* terlihat guncangan gempabumi tersebut dirasakan beberapa daerah di Badung Bali dan Jember Jawa Timur. Dampak dari gempabumi ini tidak menimbulkan kerusakan bangunan maupun korban jiwa.

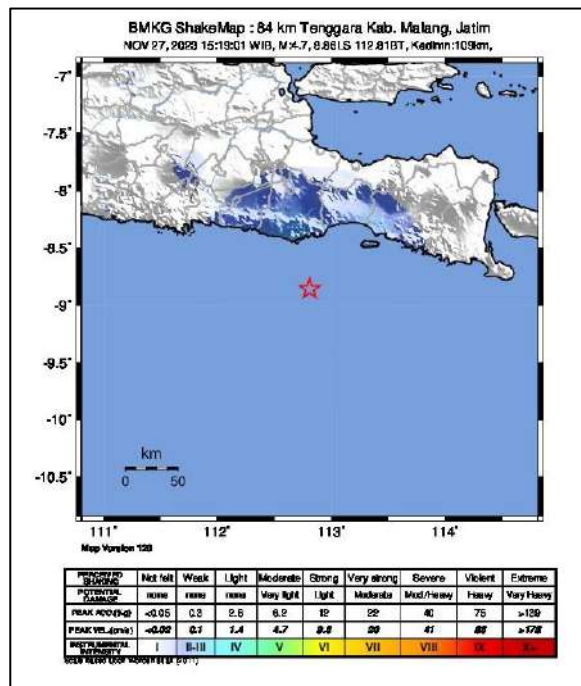


Gambar 4.37. Peta *shakemap* Gempabumi tanggal 31 Oktober 2023

38. Gempabumi 27 November 2023

Hari Senin, 27 November 2023 gempabumi tektonik mengguncang wilayah Kab. Malang dan sekitarnya. Hasil analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 00:41:45 WIB dengan kekuatan $M=4.7$ MLv. Episenter gempabumi terletak pada koordinat 8.86° LS; 112.81° BT tepatnya di laut pada jarak 84 km arah Tenggara Kab. Malang dengan kedalaman 109 Km. Guncangan gempabumi ini dirasakan di daerah Trenggalek, Malang, Banyuwangi, Jember, Blitar dan Gunungkidul II MMI (Getaran dirasakan sedikit orang, benda-benda ringan yang digantung bergoyang

Ditinjau dari kedalaman hiposenternya, gempabumi ini merupakan gempabumi menengah akibat adanya aktivitas pada zona subduksi. Dari peta *shakemap* terlihat guncangan gempabumi tersebut dirasakan beberapa daerah di Jawa Timur. Dampak dari gempabumi ini tidak menimbulkan kerusakan maupun korban jiwa.

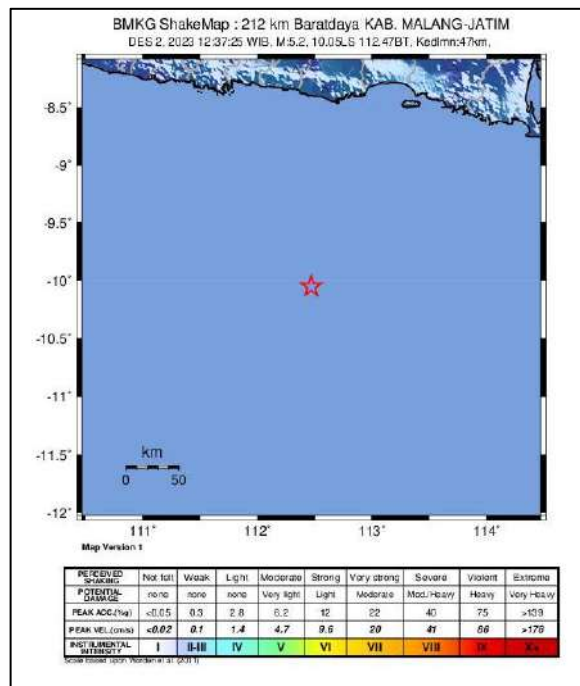


Gambar 4.38. Peta *shakemap* Gempabumi tanggal 27 November 2023

39. Gempabumi 02 Desember 2023

Hari Sabtu, 02 Desember 2023 gempabumi tektonik mengguncang wilayah Samudera Hindia Selatan Malang. Hasil analisa gempabumi yang dilakukan oleh Stasiun Geofisika Pasuruan menghasilkan parameter gempabumi, terjadi pada pukul 12.37.31 WIB dengan kekuatan $M=5.2$ MLv. Episenter gempabumi terletak pada koordinat $10,05^{\circ}$ LS ; $112,47^{\circ}$ BT, atau tepatnya berlokasi di laut pada jarak 212 Km arah BaratDaya Kabupaten Malang, Jawa Timur pada kedalaman 47 km. Gempabumi ini berdampak dan dirasakan di daerah Malang dan Lumajang dengan skala intensitas II MMI (Getaran dirasakan oleh beberapa orang, benda-benda ringan yang digantung bergoyang). Hasil pemodelan menunjukkan bahwa gempabumi ini tidak berpotensi tsunami.

Ditinjau dari kedalaman hiposenternya, gempabumi ini merupakan gempabumi dangkal akibat adanya aktivitas subduksi lempeng Indo-Australia. Hasil analisis mekanisme sumber menunjukkan bahwa gempabumi memiliki mekanisme pergerakan kombinasi pergerakan naik (thrust). Dari peta *shakemap* terlihat guncangan gempabumi tersebut dirasakan beberapa daerah di Jawa Timur. Dampak dari gempabumi ini tidak menimbulkan kerusakan maupun korban jiwa.



Gambar 4.65. Peta *shakemap* Gempabumi tanggal 02 Desember 2023

BAB.V

KESIMPULAN

1. Aktivitas gempabumi yang tercatat di Stasiun Geofisika Pasuruan yang terjadi pada tahun 2023 di wilayah Jawa Timur dan sekitarnya cukup aktif yaitu terjadi 5290 event gempabumi.
2. Dari peta seismisitas diketahui bahwa gempabumi paling banyak terjadi di laut karena aktivitas subduksi di selatan Pulau Jawa dan sebagian gempabumi yang terjadi di darat dikarenakan aktivitas sesar lokal.
3. Dari data statistik, kekuatan gempabumi (magnitudo) didominasi gempabumi kecil ($M < 3$) dengan jumlah sebanyak 3734 kejadian, magnitudo ($3 < M < 4$) dengan jumlah sebanyak 1397 kejadian, gempabumi ringan magnitudo ($4 < M < 5$) dengan jumlah sebanyak 137 kejadian, gempabumi sedang ($5 < M < 6$) dengan jumlah sebanyak 19 kejadian dan gempabumi kuat ($6 < M < 7$) dengan jumlah sebanyak 3 kejadian gempabumi.
4. Berdasarkan kedalaman, gempabumi dangkal (kedalaman $0 < 60$ km) 4552 kejadian dan untuk gempabumi menengah ($60 - 300$ km) sebanyak 722 kejadian dan untuk gempabumi dalam (> 300 km) sebanyak 16 kejadian.
5. Gempabumi yang dirasakan atau signifikan sebanyak 39 kejadian. Besaran kekuatan gempabumi yang dirasakan dalam skala intensitas bervariasi sebesar II-V MMI.
6. Terdapat 1 kejadian gempabumi yang mengakibatkan kerusakan kerusakan di Kabupaten Ponorogo. Gempabumi dengan magnitudo 6.4 kemudian di update menjadi Magnitudo 6.0, terjadi pada tanggal 30 Juni 2023 pada pukul 19:57:43 WIB. Pusat gempabumi berada di laut 86 km barat daya Bantul, DIY pada kedalaman 25 km. Gempabumi tersebut menimbulkan guncangan dengan intensitas II - V MMI. Skala III - IV MMI dirasakan di Kabupaten Magetan, Madiun, Jember, Kediri, Ponorogo, Malang, Tuban, sedangkan skala II - III MMI dirasakan di Bangkalan, Surabaya, Blitar, Lumajang, Banyuwangi, Lamongan, Nganjuk, Bojonegoro, Gresik dan Tulungagung.

Lampiran 1. Skala intensitas menurut *Modified Mercally Intensity* (MMI)

Skala	Keterangan
I	Getaran tidak dirasakan kecuali dalam keadaan luar biasa oleh beberapa orang
II	Getaran dirasakan oleh beberapa orang, bendabenda ringan yang digantung bergoyang
III	Getaran dirasakan nyata di dalam rumah. Terasa getaran seakanakan ada truk berlalu.
IV	Pada siang hari dirasakan oleh orang banyak di dalam rumah, di luar oleh beberapa orang, gerabah pecah, jendela/pintu bergerincing dan dinding berbunyi.
V	Getaran dirasakan oleh hampir semua penduduk, orang banyak terbangun, gerabah pecah, jendela dan sebagainya pecah, barangbarang terpelanting, tiangtiang dan barang besar tampak bergoyang, bandul lonceng dapat berhenti.
VI	Getaran dirasakan oleh semua penduduk. Kebanyakan semua terkejut dan berlari ke luar, plester dinding jatuh dan cerobong asap pada pabrik rusak, kerusakan ringan.
VII	Setiap orang keluar rumah. Kerusakan ringan pada rumahrumah dengan bangunan dan konstruksi yang baik. Sedangkan pada bangunan dengan kontruksi yang kurang baik terjadi retakretak bahkan hancur, cerobong asap pecah. Terasa oleh orang yang naik kendaraan.
VIII	Kerusakan ringan pada bangunan dengan kontruksi yang kuat. Retakretak pada bangunan dengan kontruksi yang kurang baik, dinding dapat lepas dari rangka rumah, cerobong asap pabrik dan monumenmonumen roboh, air menjadi keruh
IX	Kerusakan pada bangunan yang kuat, rangkarangka rumah menjadi tidak lurus, banyak retakretak. Rumah tampak berpindah dari pondasinya. Pipapipa di dalam rumah putus.
X	Bangunan dari kayu yang kuat rusak, rangka rumah lepas dari pondasinya, tanah terbelah, rel melengkung, tanah longsor di tiaptiap sungai dan di tanahtanah yang curam.
XI	Bangunanbangunan hanya sedikit yang tetap berdiri. Jembatan rusak, terjadi lembah. Pipa di dalam tanah tidak bisa dipakai sama sekali, tanah terbelah, rel melengkung sekali.
XII	Hancur sama sekali. Gelombang tampak pada permukaan tanah. Pemandangan menjadi gelap. Benda benda terlempar ke udara.