

地震季報

第二卷 第一號

中華民國四十四年一、二、三月



THE SEISMOLOGICAL BULLETIN

OF

TAIWAN WEATHER BUREAU

January-March 1955.

VOL. 2 No. 1

臺灣省氣象所

Published by Department of Seismology,
TAIWAN WEATHER BUREAU.

No. 64, Kuang Yuan Road, Taipei, Taiwan
China.

Geographical coordinates of the Seismological Station, Taiwan China.

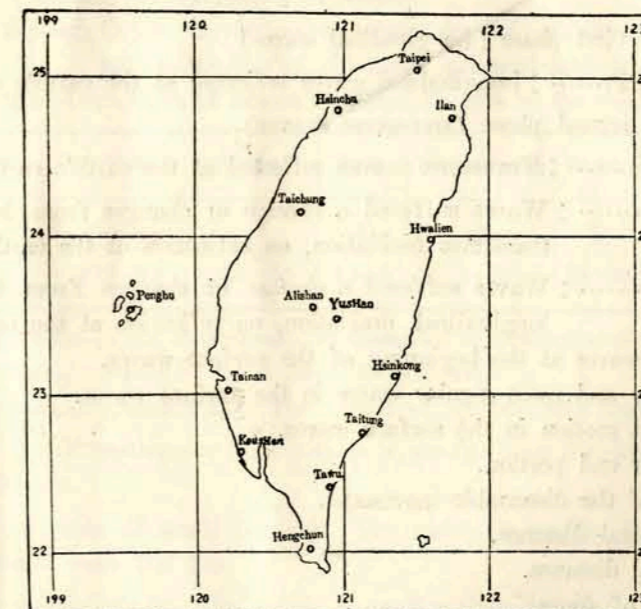
λ : Longitude φ : Geographical Latitude

φ' : Geocentric Latitude

$a = \cos\varphi' \cos\lambda$ $b = \cos\varphi' \sin\lambda$ $c = \sin\varphi'$

Station	φ ;(N)	λ ;(E)	φ	Altitude	Subsoil	a	b	c	Seismographs
Alishan(mt.)	23.31	120.48	23.22	2405.1	Miocene Sandstone	- 0.4700	+ 0.7885	+ 0.3966	W (H. V.) O. S ₂
Hengchun	22.00	120.45	21.52	22.3	Alluvium	- 0.4745	+ 0.7976	+ 0.3724	W (H. V.) O. S ₁
Hsinknog	23.06	121.22	22.58	36.5	"	- 0.4793	+ 0.7862	+ 0.3901	P ₁ S ₂ W (H. V.)
Hsinchu	24.48	120.85	24.39	32.8	"	- 0.4677	+ 0.7793	+ 0.4171	P ₁ S ₂
Hwalien	23.58	121.37	23.49	17.6	"	- 0.4796	+ 0.7791	+ 0.4038	W(H.V.) P ₁ S ₁ A.
Ilan	24.46	121.45	24.37	7.4	"	- 0.4784	+ 0.7731	+ 0.4165	W (H. V.) P ₁ S ₂
Koushon	22.37	120.16	22.29	33.1	"	- 0.4657	+ 0.7980	+ 0.3824	P ₁
Penghu	23.32	119.33	23.23	9.4	Bosalt	- 0.4527	+ 0.7985	+ 0.3969	P ₁ .
Taipei	25.02	121.31	24.53	8.0	Alluvium	- 0.4742	+ 0.7733	+ 0.4280	W(H.V.) O. S ₂ P ₂ A.
Tawu	22.21	120.54	22.13	7.6	"	- 0.4754	+ 0.7944	+ 0.3781	W (H. V.) S ₂
Taitung	22.45	121.09	22.37	8.9	"	- 0.4775	+ 0.7900	+ 0.3846	W (H. V.) S ₂
Tainan	23.00	120.13	22.52	12.7	"	- 0.4637	+ 0.7962	+ 0.3886	W (H. V.) P ₁ S ₂ A.
Taichung	24.09	120.41	24.00	77.1	"	- 0.4662	+ 0.7856	+ 0.4067	W (H. V.) S ₁ P ₁ .
Yushan(Mt. Morrison)	23.29	120.57	23.21	3850.0	"	- 0.4722	+ 0.7873	+ 0.3964	P ₁

Map showing the position of Seismological Station in Taiwan, China.



Specification of instruments:-

Mass of the pendulum	M (kg)	Coefficient of friction	$\frac{r}{T_0^2}$ (mm/sec ²)
Magnification	V.	Proper period of the pendulum	T ₀ (sec.)
Damping coefficient	ε.		

The Constants of Seismographs at Taipei for the Month of January are as follows, and those constants at the other stations are nearly the same.

Seismographs	Component	M.	V.	ε.	$\frac{r}{T_0^2}$	T.
W(H): Wieclert's horizontal seismograph	E-W	200	74	9	0.0008	5.2
W(V): Wieclert's Vertical seismograph	N-S	200	77	9	0.0008	5.2
	U-D	80	72	8	0.009	4.2
P ₁ : Portable seismograph (1)	E-W	18	40	10	0.005	5.1
	N-S	18	40	6	0.005	5.1
O: Omori's horizontal seismograph	E-W	15	20	2	0.002	15.7
	N-S	15	20	2	0.003	15.1
S ₂ : Strong motion seismograph	E-W	2	2	4	0.004	3.7
	N-S	2	2	4	0.004	3.8
	U-D	1.5	2	8	0.004	3.0
P ₂ : Portable seismograph (2)	E-W	10	20	2	0.015	3.9
	N-S	10	20	2	0.026	4.0
	U-D	7.5	20	2	0.018	4.0
A: Acceleration Seismograph	E-W	15	220	10	0.5	0.10
	N-S	15	220	13	0.9	0.10
	U-D	15	173	6	0.9	0.08

The present publication inserts the following explanation of the notations only in the first number hereafter.

1. Phase.

- P: Normal first phase (Longitudinal waves)
- pP, PP, PPP,.....: Longitudinal waves reflected at the earth's surface.
- S: Normal second phase (transverse waves).
- sS, SS, SSS.....: Transverse waves reflected at the earth's surface.
- PS, PPS,.....: Waves suffered a change or changes from longitudinal to transverse oscillation, on reflection at the earth's surface.
- SP, SPP,.....: Waves suffered a change or changes from transverse to longitudinal oscillation, on reflection at the earth's surface.
- L: Long waves at the beginning of the surface waves.
- Q: Shorter and more regular waves in the surface waves.
- M: Largest motion in the surface waves.
- C: Tail or end portion.
- F: End of the discernible movement.
- △: Epicentral distance.
- △H: Focal distance.
- H: Depth of focus.

μ: Micron.

P-S: Duration of Preliminary tremor.

2. Nature of the motion.

- i: Sudden commencement of a phase.
- e: Gradual or indistinct commencement of a phase.
- ?: Questionable or uncertain.

3. Period and Initial motion.

T: Period, duration of one complete oscillation.

I: Amplitude of the true displacement of the ground from the position at rest.

I_N: N-S component of I.

I_E: E-W component of I.

I_Z: Vertical component of I.

Displacement to the north, east and upward are regarded as positive.

4. Scales of seismic intensity.

The intensity of the shock is estimated according to the scales O-VI, as follows:
O, No feeling: Shocks too weak to cause human feelings, registered only by seismographs.

- I, Slight: Extremely feeble shocks only felt by persons at rest or by those who are observant to an earthquake.
- II, Weak: Shocks felt by most persons, slight shaking of doors and latticed sliding doors.
- III, Rather strong: Slight shaking of houses and buildings, rattling of doors and latticed sliding doors, swinging of hanging objects like the electric lamps, moving of liquids in vessels.
- IV, Strong: Strong shaking of houses and buildings, overturning of unstable objects spilling of liquids out of vessels.
- V, Very Strong: Cracks in the walls, overturning of gravestones, stone lanterns etc., damaging of chimneys and mud-and-plaster warehouses.
- VI, Disastrous: Demolition of houses landslips, fissures on the roads, the ground etc.

	No Feeling	Slight	Weak	Rather Strong	Strong	Very Strong	Disastrous
Scale	O	I	II	III	IV	V	VI
Acceleration (gal)	0.25-0.8	0.8-2.5	2.5-8	8-25	25-80	80-250	250<

5. The magnitude of an earthquake is classified according to the radius of the felt area assumed, roughly to be a circle as follows:-

- (r) Remarkable earthquake: The radius of the felt area is greater than 300 km.
- (m) Moderate earthquake: The radius is smaller than 300 km. but greater than 200 km.
- (s) Earthquake of small felt area: The radius is smaller than 200 km. but greater than 100 km.
- (l) Local earthquake: The radius is smaller than 100 km.

(d) Distant earthquake: The epicentral distance is greater than 300 km. from the coast of Taiwan.

6. The depth of hypocenter is as a rule expressed in terms of kilometers, If it is not determined so definitely, the following scale will be adopted.

Class	Very shallow	Shallow	Rather deep	Deep
Depth	0~30 km.	30~100 km.	100~200 km.	>200 km.

7. Geographical coordinates:

λ : Longitude (E) φ ; Latitude (N)

The coordinates are been expressed in degrees with one place of decimal.

8. Time

Time is referred to Greenwich Mean Time (G. M. T.)

GENERAL ASPECT OF EARTHQUAKES.

January to March, 1955.

1) In January, the number of occurrence of earthquakes were recorded one hundred and six which ten of them were classified as felt earthquakes and the remains were the unfelt ones. The felt earthquakes in this month, one was classified as small felt area earthquakes and remains were local ones. The small felt area earthquakes occurred in Taitung district, and among those local earthquakes five were occurred in Hwalien district, three were occurred in the vicinity of Hsinkong and the last was occurred in Northern district.

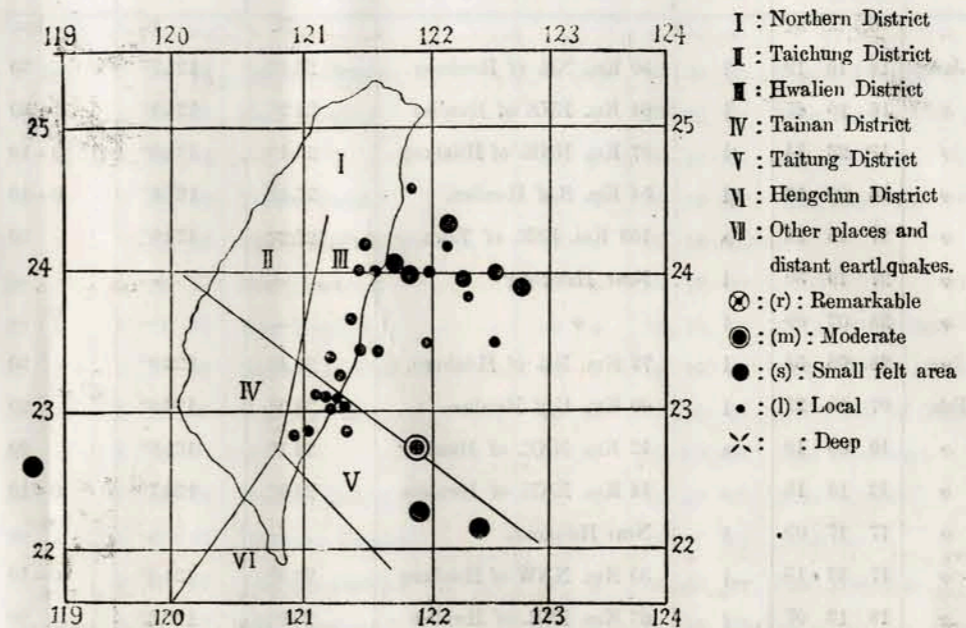
Among these unfelt earthquakes four distant earthquakes were recorded in this Island. The first was occurred in 11th at 250 km. east of Miyakozima Island. The remains were uncertain.

2) In February, the number of occurrence of earthquakes has an increase in comparison with January, and was amounted up to a figure of one hundred and twenty-eight. Among them eleven were classified as felt earthquakes and the remains were unfelt ones. Most of the felt earthquakes included four small felt area earthquakes and six local earthquakes were occurred in Hwalien district, and only one local one was occurred in the vicinity of Hsinkong. Among these unfelt earthquakes three distant earthquakes were recorded; two were in 14th and one in 27th at the east coast of Hawaii Is.

3) In March, the number of occurrence of earthquakes were recorded one hundred and six and has a decrease in comparison with February. Among them eleven were classified as felt earthquakes and the remains were unfelt one. Among felt earthquakes one was heppened in 21th at 46 km. ESE of Hsinkong, and four were small felt area earthquakes, which two of them occurred at Hwalien district and the other were occurred at Taitung district, and six were local one.

Nine distant earthquakes were recorded in Taiwan and the details in later tables.

Epicenters of Felt Earthquakes in January to March, 1955.



Number of earthquakes classified according to its magnitudes and Districts January to March, 1955.

Classification	Number of felt earthquakes					Number of unfelt earthquakes	Total
	Magnitudes	Remarkable	Moderate	Small felt area	Local		
Districts							
Northern District		—	—	—	1	1	61
Taichung "		—	—	—	—	—	18
Hwalien "		—	1	6	13	20	52
Tainan "		—	—	1	—	1	4
Taitung "		—	—	2	8	10	137
Hengchun "		—	—	—	—	—	18
Other places "		—	—	—	—	—	19
Total		—	1	9	22	32	309

Felt earthquakes in the month of January to March, 1955.

No.	Month	P. (G. M. T.)		Magnitude	Epicenter	Latitude	Longitude	Depth
		d.	h. m.					
1	Jan.	03	19 30	1	25 Km. SE. of Ilan.	24.6°	121.9°	0~10
2	"	05	06 59	1	Near Hsinkong	—	—	—

No.	Month	P. (G. M. T.)			Magnitude	Epicenter	Latitude		Depth
		d.	h.	m.			N.	E.	
3	Jan.	16	16	19	1	50 Km. NE. of Hsinkong	23.4°	121.7°	20
4	"	16	10	47	1	64 Km. ENE of Hwalien	24.2°	121.1°	20
5	"	17	23	14	1	37 Km. NNE. of Hsinkong	23.4°	121.5°	0~10
6	"	24	00	16	1	54 Km. S. of Hwalien.	23.4°	121.6°	0~10
7	"	27	15	16	s	100 Km. ESE. of Tawu.	22.2°	122.8°	20
8	"	27	19	30	1	Near Hsinkong	—	—	—
9	"	28	02	09	1	"	—	—	—
10	"	28	08	53	1	72 Km. NE. of Hsinkong.	23.4°	122.0°	20
11	Feb.	07	05	21	1	40 Km. E. of Hwalien.	24.0°	122.0°	20
12	"	10	00	10	s	12 Km. NNE. of Hwalien.	24.1°	121.6°	20
13	"	12	18	15	s	14 Km. ENE. of Hwalien.	24.0°	121.7°	0~10
14	"	17	17	09	1	Near Hsinkong.	—	—	—
15	"	17	22	13	1	30 Km. NNW of Hsinkong	23.3°	121.3°	0~10
16	"	18	13	07	1	62 Km. ESE. of Hwalien	23.9°	122.2°	20
17	"	20	03	27	1	26 Km. SSW. of Hwalien.	23.7°	121.5°	0~10
18	"	21	03	20	1	Near Hwalien.	—	—	—
19	"	22	14	43	s	100 Km. E. of Hwalien.	23.9°	122.6°	20
20	"	25	17	54	s	93 Km. E. of Hwalien.	24.0°	122.5°	40
21	"	26	18	25	1	20 Km. N. of Hsinkong.	23.2°	121.4°	20
22	Mar.	03	15	58	1	33 Km. NE of Taitung	22.9°	121.4°	26
23	"	09	09	20	s	70 Km. E. of Hwalien.	23.9°	122.3°	26
24	"	14	03	53	1	Near Hwalien.	—	—	—
25	"	16	20	13	s	70 Km. NE. of Hwalien	24.3°	122.1°	0~10
26	"	21	04	53	m	46 Km. ESE. of Hsinkong	23.0°	121.8°	0~10
27	"	21	07	21	1	Near Hsinkong.	—	—	—
28	"	23	12	42	1	12 Km. WSW of Taitung.	22.7°	121.1°	0~10
29	"	23	15	56	1	20 Km. WSW. of Taitung.	22.7°	120.9°	0~10
30	"	24	21	38	s	145 Km. ES. of Hsinkong.	22.2°	122.4°	49
31	"	26	00	11	1	18 Km. NNW. of Hwalien	24.1°	121.5°	0~10
32	"	30	13	55	s	220 Km. W. of Tawu.	22.4°	198.7°	4)

Unfelt Earthquakes in The Month of January to March, 1955.

No.	Month.	P. (G. M. T.)			Epicenter	No.	Month.	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
1	Dec.	31	16	46	Near Hsinkong	3	Jan.	2	15	31	Northern District
2	Jan.	1	08	59	"	4	"	2	15	45	"

No.	Month.	P. (G. M. T.)			Epicenter	No.	Month.	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
5	Jan.	3	05	18	Northern District	38	Jan.	13	08	38	Taitung District.
6	"	4	09	24	Near Hsinkong	39	"	13	20	53	Near Hsinkong.
7	"	5	00	03	"	40	"	14	12	06	Near Hwalien.
8	"	5	01	58	Taitung District	41	"	14	12	17	Near Hsinkong.
9	"	5	07	26	33Km. SSW. of Hwalien.	42	"	14	14	12	"
10	"	5	13	17	Near Hsinkong.	43	"	14	17	02	"
11	"	5	14	39	Near Hwalien	44	"	14	18	19	50Km. SW of Ilan.
12	"	5	17	58	Northern District.	45	"	14	19	09	35Km. SE of Alishan.
13	"	5	18	07	Near Hwalien.	46	"	14	21	14	57Km. NW of Taipei.
14	"	5	23	41	"	47	"	15	03	35	Near Hsinkong.
15	"	6	02	18	Northern District.	48	"	15	09	43	Near Taichung.
16	"	8	02	51	Hengchun District.	49	"	15	17	22	Near Ilan
17	"	9	00	10	Taichung District.	50	"	16	09	37	Near Hsinkong.
18	"	9	01	17	Near Hsinkong.	51	"	16	18	22	"
19	"	9	10	57	Northern District.	52	"	16	21	26	"
20	"	9	16	03	36Km. SE. of Ilan.	53	"	17	04	15	"
21	"	9	16	15	45Km. E. of Ilan.	54	"	18	01	06	"
22	"	9	17	07	Near Ilan.	55	"	18	01	16	"
23	"	9	17	09	"	56	"	19	18	34	"
24	"	9	18	00	Near Taipei.	57	"	20	15	55	Near Hwalien.
25	"	10	01	30	Near Hsinkong.	58	"	21	04	07	Taitung District.
26	"	10	04	09	Near Ilan	59	"	21	11	06	Near Hsinkong.
27	"	10	04	49	50Km. E. of Ilan	60	"	21	21	33	44Km. NE of Ilan.
28	"	10	06	37	Taichung District.	61	"	22	12	04	Near Hsinkong.
29	"	11	13	00	10Km. WNW. of Hwalien.	62	"	23	14	02	Near Hengchun.
30	"	11	13	50	125.3° E. 24.3° N.	63	"	23	14	28	Near Hsinkong.
31	"	11	17	13	Taitung District.	64	"	23	20	19	"
32	"	12	13	36	Near Hsinkong.	65	"	24	01	35	Taichung District.
33	"	13	02	08	Near Hwalien.	66	"	24	04	09	"
34	"	13	02	14	Distant.	67	"	24	05	00	Hwalien District.
35	"	13	02	46	Near Hsinkong.	68	"	24	10	02	Near Hsinkong.
36	"	13	03	19	"	69	"	24	14	27	50Km. NE of Alishan.
37	"	13	04	31	"	70	"	24	16	28	Near Hsinkong.

No.	Month.	P. (G. M. T.)			Epicenter	No.	Month.	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
71	Jan.	24	22	24	Near Taitung.	104	Feb.	2	05	54	Near Ilan.
72	"	24	22	48	Northern District.	105	"	2	09	44	Hengchun District.
73	"	25	05	31	Near Hsinkong.	106	"	3	04	37	Near Hsinkong.
74	"	26	22	11	50Km.E of Tainan.	107	"	3	23	07	Near Alishan.
75	"	27	14	16	Northern District.	108	"	4	05	52	Near Hsinkong.
76	"	27	14	59	"	109	"	4	15	57	"
77	"	27	15	10	Near Hengchun.	110	"	5	07	04	"
78	"	27	15	59	"	111	"	5	10	42	Near Hwalien.
79	"	28	17	17	Distant. (faint)	112	"	5	13	58	Near Hsinkong.
80	"	28	17	31	Near Hsinkong.	113	"	6	02	27	47Km.ENE of Alishan.
81	"	28	18	49	Hwalien District.	114	"	6	03	11	Near Hsinkong.
82	"	28	22	57	Northern District.	115	"	6	04	48	20Km. NNE of Keelung
83	"	28	23	35	Taichung District.	116	"	6	13	28	Near Hsinkong.
84	"	28	23	47	24.4° N. 125.0° E.	117	"	6	13	55	Near Hwalien.
85	"	29	13	21	Taitung District.	118	"	6	16	51	Near Hsinkong.
86	"	29	13	27	Near Taichung.	119	"	7	01	48	Near Alishan.
87	"	28	13	32	Near Alishan.	120	"	7	11	22	Near Hsinkong.
88	"	29	17	00	Near Hsinkong.	121	"	7	20	37	"
89	"	29	17	28	44Km. NW of Hwalien.	122	"	8	03	35	"
90	"	30	00	52	63Km. SE of Ilan.	123	"	8	06	02	"
91	"	30	02	31	Near Hsinkong.	124	"	8	06	41	Near Hwalien.
92	"	30	12	58	Northern District.	125	"	8	10	00	Near Hsinkong.
93	"	30	15	34	Taitung District.	126	"	8	13	32	30Km. NE of Keelung.
94	"	30	22	56	70Km. E of Keelung.	127	"	8	18	00	Taitung District.
95	"	31	09	54	Near Hsinkong.	128	"	8	18	42	Near Hsinkong.
96	"	31	16	09	Taitung District.	129	"	9	03	58	45Km. NNW of Hwalien.
97	"	31	16	12	Distant (Uncertain)	130	"	9	17	53	Near Hsinkong.
98	"	31	17	22	45Km. ESE of Hwalien.	131	"	10	06	35	"
99	"	31	21	42	Northern District.	132	"	10	17	42	Near Hwalien.
100	"	31	22	00	"	133	"	10	22	47	Near Hsinkong.
101	"	31	22	04	Near Ilan.	134	"	11	00	24	"
102	"	31	22	39	Near Hwalien.	135	"	11	02	29	Taitung District.
103	Feb.	1	07	13	Near Hsinkong.	136	"	11	08	55	"

No.	Month.	P. (G. M. T.)			Epicenter	No.	Month.	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
137	Feb.	11	10	33	Taitung District.	170	Feb.	21	21	19	Near Hsinkong.
138	"	12	06	48	Near Hsinkong.	171	"	22	09	00	"
139	"	12	15	16	230Km. ESE of Hengchun	172	"	22	12	39	Taichung District.
140	"	12	16	41	50Km. NE of Taipei.	173	"	22	13	10	112Km. E of Ilan (H=100Km.)
141	"	12	21	18	Northern District.	174	"	22	14	17	Taichung District.
142	"	13	00	03	138Km. E of Taitung.	175	"	22	15	22	Near Tawu.
143	"	13	02	27	60Km. SSE of Hwalien.	176	"	22	15	35	Taichung District.
144	"	13	16	10	Near Hwalien.	177	"	22	16	06	77Km. NE of Keelung.
145	"	14	15	18	Northern District	178	"	22	17	36	Near Hsinkong.
146	"	14	16	41	Northern District.	179	"	22	20	20	Near Hwalien.
147	"	14	16	57	Distant	180	"	22	23	15	Near Hsinkong.
148	"	14	19	32	"	181	"	23	01	56	34Km. SSW of Hwalien.
149	"	14	19	47	Near Hsinkong.	182	"	23	05	38	Near Hsinkong.
150	"	15	23	55	Northern District.	183	"	23	14	20	Near Hwalien.
151	"	15	23	59	"	184	"	23	19	01	50Km. NE of Ilan
152	"	16	02	09	Near Hsinkong.	185	"	23	22	43	Near Hsinkong.
153	"	16	04	37	"	186	"	24	06	11	Taitung District.
154	"	16	21	05	Taitung District.	187	"	24	06	18	Near Tawu.
155	"	16	23	40	Near Hsinkong.	188	"	24	07	14	Near Hsinkong.
156	"	17	19	22	"	189	"	24	12	57	Hwalien District
157	"	18	14	50	"	190	"	24	13	44	Taitung District.
158	"	18	17	00	Taitung District.	191	"	24	16	03	Hengchun District.
159	"	18	17	37	Northern District	192	"	24	17	26	75Km. NE of Hsinkong.
160	"	18	17	40	"	193	"	24	18	55	Hwalien District.
161	"	19	17	42	48km. E of Taipei. (H=100 Km.)	194	"	24	21	02	Near Hsinkong.
162	"	20	00	15	Near Hsinkong.	195	"	25	03	40	Northern District.
163	"	20	02	22	Hengchun District.	196	"	25	09	13	Near Hwalien.
164	"	20	11	42	Northern District.	197	"	26	00	48	Near Hsinkong.
165	"	20	17	31	Near Alishan.	198	"	26	07	44	Northern District.
166	"	20	22	51	Hengchun District.	199	"	26	18	00	Near Alishan.
167	"	21	05	45	Near Hsinkong.	200	"	26	19	41	Near Hsinkong.
168	"	21	07	50	"	201	"	26	20	05	"
169	"	21	17	21	Near Ilan.	202	"	27	00	49	"

No.	Month.	P. (G. M. T.)			Epicenter	No.	Month.	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
203	Feb.	27	02	48	Near Hsinkong.	236	Mar.	6	13	37	10.8° N. 131° E. H=80 Km.
204	"	27	07	37	Taitung District.	237	"	8	06	16	50Km. NNE Incline N. of Tainan. H=20Km.
205	"	27	15	16	Near Tawu.	238	"	8	06	52	Taitung District.
206	"	27	15	18	"	239	"	8	09	11	Near Hwalien.
207	"	27	15	25	"	240	"	8	21	35	Near Hsinkong.
208	"	27	18	21	Near Hsinkong.	241	"	8	21	49	3-Km. WNW of Tawu.
209	"	27	20	55	Hawaii IS. region	242	"	9	09	00	Near Hsinkong.
210	"	27	22	03	Near Tawu.	243	"	9	15	57	Near Hwalien.
211	"	28	14	07	Near Ilan.	244	"	9	13	24	Near Taitung.
212	"	28	14	07	Northern District.	245	"	9	18	34	Near Hsinkong.
213	"	28	02	07	114Km. E of Hsinkong.	246	"	10	09	37	Hwalien District.
214	"	28	14	55	Northern District.	247	"	11	09	19	Near Hsinkong.
215	Mar.	1	04	19	Near Hsinkong.	248	"	11	13	11	"
216	"	1	05	25	Hengchun District.	249	"	11	14	01	"
217	"	1	06	23	Near Ilan.	250	"	11	14	33	"
218	"	1	08	31	45Km. ESE of Hwalien	251	"	11	17	11	3 Km. ESE of Hwalien.
219	"	1	09	40	Tai Lung District.	252	"	12	02	22	Northern District.
220	"	1	12	17	Near Hsinkong.	253	"	13	07	15	"
221	"	1	14	46	Distant.	254	"	13	20	06	Near Ilan.
222	"	2	01	45	Taitung District.	255	"	13	20	10	Hwalien District.
223	"	2	07	28	Near Hsinkong.	256	"	14	03	05	Near Ilan.
224	"	2	11	16	"	257	"	14	03	11	Northern District.
225	"	2	20	08	"	258	"	16	20	22	Near Hwalien.
226	"	2	21	20	"	259	"	16	23	27	Distant
227	"	2	22	07	Hengchun District.	260	"	17	03	33	Northern District.
228	"	3	00	00	38Km. ENE of Hsinkong.	261	"	17	22	57	47Km. N. of Hwalien.
229	"	3	10	51	Hwalien District.	262	"	18	00	15	Distant (Siberia)
230	"	3	16	33	22.9°N 121.4°E. Aftershock.	263	"	18	14	09	19Km. SW of Taitung.
231	"	3	22	07	24.2°N 122.5°E. H=80Km.	264	"	18	15	14	Near Hsinkong.
232	"	4	00	11	Near Hsinkong.	265	"	18	22	51	"
233	"	5	05	39	Northern District.	266	"	19	12	02	83Km. WN of Taipei.
234	"	6	01	21	Near Hsinkong.	267	"	20	12	36	Northern District.
235	"	6	10	59	12 1/2° N. 133 1/2° E. H=80km	268	"	20	13	12	Distant

No.	Month.	P. (G. M. T.)			Epicenter	No.	Month.	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
239	Mar.	21	01	23	Near Ilan.	290	"	25	02	57	Near Hsinkong.
270	"	21	04	41	Near Taitung.	291	"	26	01	03	65Km. SW of Hwalien.
271	"	21	05	14	Near Hsinkong.	292	"	26	14	45	73Km. E of Hwalien.
272	"	21	13	07	Taitung District.	293	"	26	21	10	Near Hsinkong.
273	"	21	13	13	Distant	294	"	27	08	37	115Km.ENE of Taipei.
274	"	21	14	07	Northern District.	295	"	27	14	00	600km. From WS. Coast of Taiwan.
275	"	22	06	19	Near West Coast of Guam IS. (H80Km.)	296	"	27	14	44	Distant.
276	"	22	09	59	Near Hsinkong.	297	"	28	03	00	115Km. WNW of Penghu.
277	"	22	11	23	23.4°N. 121.9°E.	298	"	28	09	15	121°E. 34°N.
278	"	22	14	13	Distant (New Guinea)	299	"	28	14	58	35Km.E of Alishan.
279	"	23	02	59	Taichung District.	300	"	29	00	25	Hwalien District.
280	"	23	11	14	Hwalien District.	301	"	29	06	00	Northern District.
281	"	23	15	02	Near Hsinkong.	302	"	30	10	50	47Km. E of Alishan.
282	"	23	17	20	Near Taitung.	303	"	30	16	13	Hengchun District.
283	"	23	19	40	"	304	"	30	17	26	Near Hsinkong.
284	"	23	21	12	32Km.SSW of Hwalien.	305	"	31	00	03	"
285	"	23	23	36	Near Taitung.	306	"	31	00	05	"
286	"	23	23	43	Taitung District.	307	"	31	00	41	"
287	"	24	20	55	16Km.ES of Taitung	308	"	31	05	42	"
288	"	24	22	05	Near Hsinkong.	309	"	31	11	33	Taitung District.
289	"	25	00	22	"						

Major Earthquakes Which Occurred in January, 1955.

No.	Station	Date	P. (G.M.T.)	Maximum Amplitude			Period			Initial motion			P ~ S	Intensity	Epicenter & Remarks	
				N	E	Z	N	E	Z	N	E	Z				
1	Ilan	3	iP 19 30 20.2	- 433	+ 364	+ 20	2.4	2.7	1.4	- 10	- 44	+ 87	3.8	I	35Km. SE of Ilan. 121.9°E	
	Taipei		iP 34.0	- 250	+ 269	+ 90	1.4	2.4	1.6	+ 14	- 16.9	+ 59.1	8.8	I	24.6°N H=0~10Km.	
	Hsinchu		eP 40.0	- 28	+ 76	-	1.3	1.0	-	-	+ 28	+ 76	-	13.0	I	
	Taichung		P 52.1	-	-	-	-	-	-	-	-	-	-	17.2	O (1)	
	Alishan		eP 55.8	-	-	-	-	-	-	-	-	-	-	20.8	O	
	Hsinkong		eP 55.9	-	-	-	-	-	-	-	-	-	-	21.6	O	
	Taitung		eP 31 05.1	-	-	-	-	-	-	-	-	-	-	26.3	O	

No.	Station	Date	Phase	P. (G.M.T.)	Maximum Amplitude			Period			Initial motion			P~S	Intensity	Epicenter & Remarks	
					N	E	Z	N	E	Z	N	E	Z				
					h. m. s.	μ	μ	μ	s	s	s	μ	μ				μ
	Tawu		P	19 31 09.0	-	-	-	-	-	-	-	-	-	32.0	O		
	Tainan		eP	13.2	-	-	-	-	-	-	-	-	-	7	O		
	Hengchun		eP	18.9	-	-	-	-	-	-	-	-	-	34.0	O		
	Hwalien		P	29.1	-	-	-	-	-	-	-	-	-	15.0	O		
2	Hsinkong	5	eP	06 59 13.0	-	-	-	-	-	-	-	-	-	2.3	I	Near Hsinkong.	
	Alishan		eP	25 6	-	-	-	-	-	-	-	-	-	7.4	O	(1)	
3	Alishan	9	eP	16 03 07.7	-	-	-	-	-	-	-	-	-	22.4	O	36Km. SE of Ilan.	
	Taipei		eP	16.5	-	-	-	-	-	-	-	-	-	11.2	O	(Unfelt)	
	Ilan		eP	17.2	-	-	-	-	-	-	-	-	-	06.3	O		
	Hwalien		eP	22.9	-	-	-	-	-	-	-	-	-	11.6	O		
	Taichung		eP	39.2	-	-	-	-	-	-	-	-	-	19.6	O		
4	Alishan	10	eP	04 43 07.2	-	-	-	-	-	-	-	-	-	24.7	O	50Km. E of Ilan. 24.7°N	
	Ilan		eP	37.0 + 67 + 71	-	-	-	13	1.1	-	-	-	-	06.8	O	122.23°E	
	Taipei		eP	38.8	-	-	-	-	-	-	-	-	-	09.2	O	H=20Km. (Unfelt)	
	Hsinkong		eP	59.3	-	-	-	-	-	-	-	-	-	24.5	O		
	Taichung		P	01.3	-	-	-	-	-	-	-	-	-	19.4	O		
	Hwalien		P	49 50.0	-	-	-	-	-	-	-	-	-	16.7	O		
	Hsinchu		eP	52.2	-	-	-	-	-	-	-	-	-	15.1	O		
5	Tawu	11	P	13 49 35.2	-	-	-	-	-	-	-	-	-	-	O	250Km. E of Miyako IS.	
	Ilan		eP	43.0 + 29 - 30	-	-	-	3.5	2.5	-	-	-	-	-	O	125.3°E	
	Taipei		eP	46.6	-	-	-	-	-	-	-	-	-	01	05.4	O	24.3°N
	Hsinkong		eP	58.5	-	-	-	-	-	-	-	-	-	-	-	O	
	Alishan		eP	58.8	-	-	-	-	-	-	-	-	-	-	-	O	
	Taichung		P	50 14.8	-	-	-	-	-	-	-	-	-	01	16.8	O	
	Hwalien		eP	20.4	-	-	-	-	-	-	-	-	-	01	32.8	O	
6	Ilan	13	eP	02 13 39.0	-	-	-	-	-	-	-	-	-	-	O	Distant (Uncertain)	
	Taichung		P	56.5	-	-	-	-	-	-	-	-	-	-	O		
	Hsinkong		eP	57.1	-	-	-	-	-	-	-	-	-	-	O		
	Alishan		eP	59.9	-	-	-	-	-	-	-	-	-	-	O		
	Taitung		eP	14 02.4	-	-	-	-	-	-	-	-	-	-	O		

No.	Station	Date	Phase	P. (G.M.T.)	Maximum Amplitude			Period			Initial motion			P~S	Intensity	Epicenter & Remarks	
					N	E	Z	N	E	Z	N	E	Z				
					h. m. s.	μ	μ	μ	s	s	s	μ	μ				μ
	Tawu		P	07.4	-	-	-	-	-	-	-	-	-	-	-	O	
	Hwalien		P	54.2	-	-	-	-	-	-	-	-	-	-	-	O	
	Taipei		eP	?	-	-	-	-	-	-	-	-	-	-	-	O	
7	Ilan	14	eP	21 13 53.3	-	-	-	-	-	-	-	-	-	-	14.5	O	57Km. NW of Taipei
	Taipei		P	57.4	-	-	-	-	-	-	-	-	-	-	03.0	O	25.4°N 121.1°E
	Taichung		P	14 27.5	-	-	-	-	-	-	-	-	-	-	18.5	O	H=5Km.
	Alishan		eP	32.6	-	-	-	-	-	-	-	-	-	-	25.4	O	
	Hwalien		P	17.8	-	-	-	-	-	-	-	-	-	-	20.3	O	
	Hsinkong		eP	52.2	-	-	-	-	-	-	-	-	-	-	?	O	
8	Alishan	16	eP	18 18 27.6	-	-	-	-	-	-	-	-	-	-	10.8	O	50Km. NE of Hsinkong
	Hsinkong		eP	27.6 + 4 - 43 + 29	-	-	-	0.5	0.5	?	-	-	-	-	04.3	I	23.4°N 121.7°E
	Hwalien		eP	39.7	-	-	-	-	-	-	-	-	-	-	07.1	O	H=20Km. (1)
	Taitung		P	41.1	-	-	-	-	-	-	-	-	-	-	?	O	
	Taichung		eP	44.4	-	-	-	-	-	-	-	-	-	-	25.9	O	
	Tawu		P	50.0	-	-	-	-	-	-	-	-	-	-	08.3	O	
	Ilan		eP	51.0	-	-	-	-	-	-	-	-	-	-	17.3	O	
	Hengchun		eP	19 04.0	-	-	-	-	-	-	-	-	-	-	-	O	
9	Taipei	16	P	19 47 30.3	-	-	-	-	-	-	-	-	-	-	19.7	O	64Km. ENE of Hwalien
	Ilan		eP	32.8 + 115 - 119	-	-	-	1.7	1.0	-	-	-	-	-	07.0	O	121.1°E 24.2°N
	Hwalien		P	34.2	-	-	-	-	-	-	-	-	-	-	07.2	I	H=20Km. (1)
	Alishan		eP	39.6	-	-	-	-	-	-	-	-	-	-	20.4	O	
	Hsinkong		eP	42.9	-	-	-	-	-	-	-	-	-	-	16.8	O	
	Taichung		P	46.8	-	-	-	-	-	-	-	-	-	-	16.8	O	
	Tawu		P	48 01.4	-	-	-	-	-	-	-	-	-	-	21.0	O	
	Taitung		eP	09.5	-	-	-	-	-	-	-	-	-	-	?	O	
	Hengchun		P	107	-	-	-	-	-	-	-	-	-	-	?	O	
10	Hsinkong	17	eP	23 14 27.4 + 31 - 24 + 20	-	-	-	0.3	0.3	?	-	-	-	-	05.8	I	37Km. NNE of Hsinkong
	Alishan		eP	27.5	-	-	-	-	-	-	-	-	-	-	10.2	O	23.4°N 121.5°E
	Hwalien		P	70.4	-	-	-	-	-	-	-	-	-	-	08.4	I	H=0~10Km. (1)
	Taichung		P	34.7	-	-	-	-	-	-	-	-	-	-	17.3	O	

No.	Station	Date	Phase	P. (G. M. T.)	Maximum Amplitude			Period			Initial motion			P ~ S	Intensity	Epicenter & Remarks						
					N	E	Z	N	E	Z	N	E	Z									
9	Tawu	14	P	16 57 44.6												270Km. E of Palau IS. 136.5° E 7.5° N						
	Hengchun		P	48.6																		
	Alishan		eP	50.0																		
	Tainan		eP	59.0																		
	Taichung		eP	58 15.8																		
	Taipei		eP	18.1																		
10	Alisan	14	eP	19 31 45.7												(Ditto.)						
	Taipei		eP	32 10.9																		
11	Hsinkong	17	iP	19 08 52.7	-	20	-	24	+	13	0.2	0.2	?	+	1.1	?	-	4.3	02.6	I	Local.	
12	Hsinkong	17	iP	20 12 46.9	+	36	+	38	+	31	0.4	0.4										30Km. NNW of Hsinkong, (1)
	Alishan		eP	52.6																		
	Hwalien		P	56.4																		
	Taichung		P	13 03.5																		
13	Hwalien	18	P	13 07 25.9																		62Km. ESE of Hwalien, 122.2° E 23.9° N (1)
	Alishan		eP	50.9																		
	Ilan		eP	23.1																		
	Hsinchu		eP	29.5																		
	Hsinkong		eP	30.4																		
	Taipei		eP	35.0																		
	Taichung		P	36.4																		
14	Ilan	19	eP	17 42 09.3																		48Km. E of Taipei, 121.9° E 25.1° N (Unfelt) H=100Km.
	Hwalien		P	14.7																		
	Hsinchu		P	19.0																		
	Taipei		eP	19.5																		
	Alishan		eP	23.0																		
	Taichung		P	24.5																		
15	Hwalien	20	P	03 27 17.7	-	233	-	375														26Km. SSW of Hwalien,
	Tawu		P	18.0																		

No.	Station	Date	Phase	P. (G. M. T.)	Maximum Amplitude			Period			Initial motion			P ~ S	Intensity	Epicenter & Remarks	
					N	E	Z	N	E	Z	N	E	Z				
	Hsinkong		eP	30 27 23.3													121.5° E 23.7° N H=0~10km. (1)
	Taitung		eP	29.1													
	Alishan		eP	29.4													
	Taichung		P	30.1													
	Hsinchu		eP	32.8													
	Ilan		eP	33.8													
	Taipei		eP	40.6													
	Tainan		eP	56.1													
	Hengchun		eP	28 00.6													
	16	Hengchun	20	eP	22 50 56.8												
Tawu			P	51 00.1													
Hsinkong			eP	08.4													
Taitung			eP	14.1													
Alishan			eP	16.8													
Hwalien			P	35.7													
Taichung			P	52 03.2													
17	Ilan		eP	05.0													11°Km. E of Ilan, 122.9° E 24.6° N H=100Km. (Unfelt)
	Taipei		eP	32.3													
	Hwalien	21	P	00 19 30.7													
	Ilan	22	eP	13 10 34.8													
18	Hwalien		eP	39.8													100Km. E of Hwalien 122.6° E 23.9° N H=20Km. (s)
	Taipei		eP	44.3													
	Hsinkong		eP	47.4													
	Taichung		eP	52.4													
	Taitung		P	53.2													
	Tainan	23	P	14 48 09.9													
19	Hsinchu		iP	39.9													26Km. SSW of Hwalien,
	Hwalien		iP	44.2 - 271 - 277 - 151	1.0	1.2	1.1	+	2.0	+	3.3	-	37.1	15.1	I		
	Ilan		iP	44.4 + 610 + 730	1.0	1.3			3.9	7.8				12.6	I		
	Hsinkong		iP	51.2 + 48 + 42 - 32	0.6	0.6	0.2	+	2.1	+	5.2	-	6.7	17.6	I		

No.	Station	Date	Phase	P. (G. M. T.)	Maximum Amplitude			Period			Initial motion			P~S	Intensity	Epicenter & Remarks
					N	E	Z	N	E	Z	N	E	Z			
					h. m. s.	μ	μ	μ	s	s	s	μ	μ			
	Taichung		P	10 59 09.4	-	-	-	-	-	-	-	-	-	-	-	-
	Ilan		eP	11.6	-	-	-	-	-	-	-	-	-	-	-	-
4	Hengchun	6	P	13 36 37.3	-	-	-	-	-	-	-	-	-	-	-	-
	Tawu		P	46.0	-	-	-	-	-	-	-	-	-	-	-	-
	Taitung		P	46.0	-	-	-	-	-	-	-	-	-	-	-	-
	Hsinhong		eP	46.8	-	-	-	-	-	-	-	-	2	46.9	O	-
	Tainan		eP	51.0	-	-	-	-	-	-	-	-	2	53.8	O	-
	Alishan		eP	51.2	-	-	-	-	-	-	-	-	3	09.2	O	-
	Ilan		eP	09.8	-	-	-	-	-	-	-	-	2	50.3	O	-
	Taichung		P	37 12.2	-	-	-	-	-	-	-	-	3	00.0	O	-
	Taipei		eP	20.7	-	-	-	-	-	-	-	-	-	-	-	-
5	Tainan		S P	06 15 38.9	-	-	-	-	-	-	-	-	-	06.1	O	50Km.NNE InclineN of Tainan. H=20Km. (Unfelt)
	Alishan		eP	40.7	-	-	-	-	-	-	-	-	-	08.3	O	-
	Taipei		eP	43.6	-	-	-	-	-	-	-	-	-	13.3	O	-
	Tiatung		P	49.3	-	-	-	-	-	-	-	-	-	09.8	O	-
	Taichung		eP	53.3	-	-	-	-	-	-	-	-	-	-	-	-
6	Tawu		S eP	21 49 07.4	-	-	-	-	-	-	-	-	-	05.2	O	38Km.WNW of Tawu, H=0~10km.
	Hengchun		eP	10.0	-	-	-	-	-	-	-	-	-	08.0	O	-
	Taitung		P	13.8	-	-	-	-	-	-	-	-	-	10.5	O	-
	Hsinkong		eP	16.8	-	-	-	-	-	-	-	-	-	14.0	O	-
	Alishan		eP	20.5	-	-	-	-	-	-	-	-	-	14.7	O	-
7	Hwaiien	9	iP	09 18 54.4	1000	1950	- 600	2.4	2.9	1.4	-	-	-	21.0	I	70Km.E. of Hwaiien. E 122.3° N 23.9° H=20Km.
	Ilan		iP	19 32.5	+2340	+1274	+1310	3.0	3.0	2.4	-	41 + 42.0 + 15.0	-	11.7	I	-
	Hsinkong		iP	33.2	+ 179	+ 151	- 100	2.6	3.1	2.3	+ 5.3 + 6.3	- 6.7	-	15.5	I	-
	Taipei		iP	35.8	6425	5950	2700	3.0	3.0	3.0	+ 30	- 10.0 + 23.4	-	17.6	I	(s)
	Hsinchu		eP	39.8	- 730	+ 1030	-	1.1	1.0	-	-	-	-	23.7	I	-
	Taitung		P	40.4	+ 248	+ 195	- 99	3.3	3.1	3.6	+ 0.0 + 3.7	- 6.7	-	24.7	O	-
	Alishan		P	41.2	-	-	-	-	-	-	-	-	-	17.6	I	-
	Taichung		iP	44.7	450	606	-	2.5	2.0	-	-	2.2 + 7.7 + 15.1	-	19.5	O	-
	Tawu		eP	51.1	46	44	-	-	-	-	-	-	-	23.1	O	-

No.	Station	Date	Phase	P. (G. M. T.)	Maximum Amplitude			Period			Initial motion			P~S	Intensity	Epicenter & Remarks
					N	E	Z	N	E	Z	N	E	Z			
					h. m. s.	μ	μ	μ	s	s	s	μ	μ			
	Hengchun		eP	09 19 52.6	98	126	-	2.7	2.4	-	+	+	-	33.2	O	-
	Tainan		P	58.9	-	-	-	-	-	-	-	-	-	20.4	O	-
	Penghu		iP	20 41.1	+ 150	+ 230	-	2.4	2.7	-	+	10.0 + 12.5	-	15.3	O	-
8	Hwaiien	11	P	17 10 56.3	-	-	-	-	-	-	-	-	-	05.0	O	38Km. ESE of Hwaiien (Unfelt)
	Taipei		P	11 03.4	-	-	-	-	-	-	-	-	-	-	-	-
	Hsinkong		eP	06.5	-	-	-	-	-	-	-	-	-	10.9	O	-
	Ilan		eP	07.1	-	-	-	-	-	-	-	-	-	09.1	O	-
	Taichung		P	10.4	-	-	-	-	-	-	-	-	-	14.6	O	-
9	Hwaiien	16	iP	20 12 41.0	+3000	+2700	- 700	2.4	3.4	2.8	-	-	-	08.4	I	70Km. of Hwaiien E 122.1° N 24.3° H=0~10Km. (s)
	Ilan		iP	44.4	- 955	- 1023	-	2.6	1.6	-	-	-	-	07.6	I	-
	Hsinchu		eP	52.5	-	-	-	-	-	-	-	-	-	16.3	O	-
	Taipei		P	54.4	430	500	182	1.4	1.9	3.7	-	-	-	12.3	I	-
	Hsinkong		iP	55.2	+ 290	+ 288	+ 134	5.0	2.9	3.6	-	-	-	1.4	I	-
	Taichung		P	57.7	775	245	292	5.5	3.1	3.0	-	-	-	18.7	O	-
	Tawu		eP	13 00.1	52	71	-	-	-	-	-	-	-	42.1	O	-
	Alishan		eP	04.9	-	-	-	-	-	-	-	-	-	16.8	O	-
	Tainan		P	14.9	+ 250	- 305	- 563	5.8	7.8	7.0	+ 2.5 + 2.4	- 2.7	-	31.4	O	-
	Hengchun		eP	17.9	-	99	-	-	3.2	-	-	-	-	31.9	O	-
	Penghu		P	18.6	+ 175	+ 193	-	2.3	2.1	-	+ 00.0	- 5.0	-	32.8	O	-
10	Hwaiien	16	iP	23 26 54.3	-	-	-	-	-	-	-	-	-	01 12.6	O	Eastern sea of China. Near the Coast of Chechiang Province.
	Ilan		eP	27 05.0	-	-	-	-	-	-	-	-	-	-	-	-
	Taipei		eP	16.7	-	-	-	-	-	-	-	-	-	01 01.5	O	-
	Taichung		eP	25.5	-	-	-	-	-	-	-	-	-	01 11.8	O	-
	Alishan		eP	28 16.6	-	-	-	-	-	-	-	-	-	-	-	-
	Hsinkong		eP	22.3	-	-	-	-	-	-	-	-	-	-	-	-
11	Hwaiien	18	P	00 14 38.4	-	-	-	-	-	-	-	-	-	-	-	-
	Taipei		eP	41.8	100	-	-	15.0	-	-	-	-	-	05 38.4	O	-
	Alishan		eP	41.8	-	-	-	-	-	-	-	-	-	05 55.7	O	-
	Hsinkong		iP	43.8	-	-	-	-	-	-	-	-	-	06 22.8	O	-
	Taitung		eP	52.2	-	-	-	-	-	-	-	-	-	-	-	-
	Tainan		eP	52.7	-	-	-	-	-	-	-	-	-	06 27.8	O	-

No.	Station	Date	Phase	P. (G. M. T.)	Maximum Amplitude			Period			Initial motion			P ~ S	Intensity	Epicenter & Remarks
					N	E	Z	N	E	Z	N	E	Z			
28	Hergchuu	30	eP	13 54 52.0	172	290	-	1.7	1.9	-	-	-	-	22.8	O	220Km. W. of Tawu. E 198.7° N 22.4° H=40Km. (s)
	Taitung		P	55.4 + 69 + 54 + 26	1.5	1.7	1.3 + 5.6 - 1.2 - 5.3	28.1	O							
	Hsinkong		P	18.6	-	-	-	-	-	-	-	-	27.0	O		
	Yushan		eP	55 00 0	-	-	-	-	-	-	-	-	-	-	-	
	Penghu		iP	00.6	-	-	-	-	-	-	-	-	-	03.3	O	
	Tawu		P	03.1	40	38	-	-	-	-	-	-	-	24.0	O	
	Tairan		P	03.5	-	-	-	-	-	+ 2.5 - 3.6 - 5.7	32.5	I				
	Taichung		eP	04.9	-	-	-	-	-	-	-	-	-	37.3	O	
	Alislan		eP	10.4	-	-	-	-	-	-	-	-	-	36.2	O	
	Hwalien		eP	15.4	-	-	-	-	-	-	-	-	-	37.7	O	
	Hlan		eP	19.8	-	-	-	-	-	-	-	-	-	30.0	O	
	Taipei		eP	27.5	-	-	-	-	-	-	-	-	-	45.3	O	



地震季報

第二卷 第二號

中華民國四十四年四、五、六月

THE SEISMOLOGICAL BULLETIN

OF

TAIWAN WEATHER BUREAU

for

April-June 1955

VOL. 2 No. 2

臺灣省氣象所

Published by Department of Seismology,
TAIWAN WEATHER BUREAU.

64, Kung Yuan Road, Taipei, Taiwan
China.

GENERAL ASPECT OF EARTHQUAKES

April to June 1955

4) In April, the number of earthquakes was two hundred and twenty-eight, and has a great increase in comparison to last month. Among them nineteen were classified as felt earthquakes and the rest were unfelt one.

A remarkable earthquake was happened on 4th, and its epicenter was located at 30kms SSE of Hengchun, and the depth was estimated about 5kms. Small felt area earthquakes happened in this month were four, and the local ones were twelve.

Seventeen distant earthquakes were recoded in Taiwan, the epicenter of these earthquakes, three of them were located in South Philippines and China main land respectively. Two were located 550kms ESE of Hengchun, and one was located 550kms ENE of Taipei. On 18th, we had recorded two earthquakes from Kamchatka and in Argentine. The remains were uncertain.

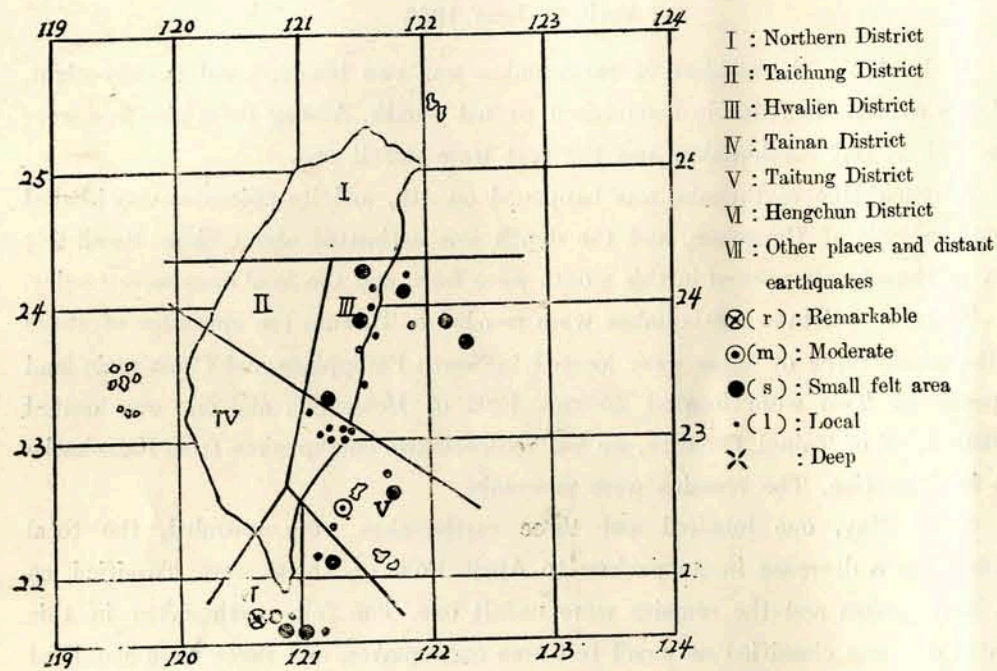
5) In May, one hundred and three earthquakes were recorded, the total number has a decrease in comparison to April. Four of them were classified as felt earthquakes and the remains were unfelt one. The felt earthquakes in this month, one was classified as small felt area earthquakes, and three were classified local earthquakes.

Ten distant earthquakes were recorded at our station, two of them occurred in Japan, and the details show in the attached tables.

6) In June, one hundred and seventy-six earthquakes were occurred in Taiwan. Among them nine were classified as felt earthquakes, and the rest were unfelt one. One moderate earthquake occurred on 17th, and its epicenter was located at 40kms ESE of Taitung, and its depth was estinted about 5kms. Four small felt earthquakes occurred in Hwalien District. Four local earthquakes were recorded, and two of them occurred in Hwalien District and the rest was located in Taitung District.

Nine distant earthquakes were recorded, two of them occurred in China main land, one in Aleutian Is., and another in Palau Is.. The rests were unknown.

Epicenter of Felt Earthquakes in April to June, 1955.



Number of earthquakes classified according to its Magnitudes and districts, April to June 1955,

District	Classification					Number of Unfelt Earthquakes	Total
	Number of felt earthquakes						
	Remarkable	Moderate	Small felt area	Local	Total		
Northern District	—	—	—	—	—	40	49
Taichung District	—	—	—	—	—	10	10
Hwalien District	—	—	6	7	13	116	129
Tainan District	—	—	—	—	—	7	7
Taitung District	—	1	1	9	11	181	192
Hengchun District	1	—	4	3	8	75	83
Other Places	—	—	—	—	—	36	36
Total	1	1	11	19	32	474	506

Felt Earthquakes in the Month of April to June, 1955.

No.	Month	G.	P. M.	T.	Magnitude	Epicenter	Latitude	Longitude	Depth.
		d.	h.	m.			N.	E.	kms.
33	April	11	16	20	1	Near Hsinkong	—	—	—
34	"	2	04	49	1	Near Hwalien	—	—	—

No.	Month	G.	P. M.	T.	Magnitude	Epicenter	Latitude	Longitude	Depth.
		d.	h.	m.			N.	E.	kms.
35	April	4	11	12	r	30km. SSE of Hengchun	21.8°	120.9°	5
36	"	4	13	20	l	35km. ESE of Hwalien	23.9	121.9	20
37	"	4	14	14	s	30km. SSE of Hengchun	21.8	120.9	5
38	"	4	21	41	s	44km. ENE of Hengchun	22.1	121.1	20
39	"	4	22	13	l	40km. ENE of Hengchun	22.1	121.1	20
40	"	5	13	38	l	48km. SE of Hengchun	21.8	121.1	20
41	"	5	13	49	s	45km. SE of Hengchun	21.8	121	40
42	"	5	14	02	s	36km. SSE of Hengchun	21.8	120.9	20
43	"	5	14	29	l	Ditto.	—	—	—
44	"	6	18	46	l	Near Hsinkong	—	—	—
45	"	7	22	50	s	10km. W. of Hwalien.	23.9	121.6	5
46	"	8	09	44	l	14km. N. of Hwalien.	24.1	121.6	5
47	"	13	11	14	l	60km. ENE of Taitung	—	—	40
48	"	13	11	40	s	65km. E. of Taitung	22.6	121.7	20
49	"	15	02	07	l	About 33km. WNW of Hsinkong	—	—	20
50	"	23	14	43	l	Near Hsinkong	—	—	—
51	"	30	00	14	l	Ditto.	—	—	—
52	May	11	05	20	l	33km. S. of Hwalien	—	—	5
53	"	14	17	52	l	20km. S. of Hwalien	23.8	121.6	5
54	"	23	16	32	s	75km. ESE of Hwalien	—	—	—
55	"	23	18	45	l	Near Hsinkong	—	—	—
56	June	5	06	12	s	37km. NE of Hwalien	24.2	121.9	20
57	"	5	06	19	s	45km. N. of Hwalien	24.3	121.6	5
58	"	5	12	14	l	44km. NE of Hwalien	—	—	40
59	"	11	09	48	l	Near Hsinkong	—	—	—
60	"	13	19	18	s	50km. E. of Hwalien	23.9	122.1	20
61	"	14	13	18	l	39km. ESE of Tawu	22.2	121.2	40
62	"	17	08	07	m	40km. ESE of Taitung	22.5	121.4	5
63	"	18	16	08	s	30km. NE of Hsinkong	23.3	121.2	5
64	"	29	23	39	l	55km. S. of Hwalien	23.5	121.5	5

Unfelt Earthquakes in the Month of April to June, 1955.

No.	Month	P. (G. M. T.)			Epicenter	No.	Month	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
310	Mar.	31	18	21	South coast of Mindanao Is. Philippines.	343	April	4	12	58	Ditto.
311	"	31	20	02	20km. SSW of Hwalien.	344	"	4	19	49	"
312	"	31	20	56	Mindanao Is. After Shock.	345	"	4	20	21	"
313	"	31	23	45	Taitung District.	346	"	4	21	05	"
314	April	1	03	28	Near Hsingkong.	347	"	4	21	06	"
315	"	1	13	22	Ditto.	348	"	4	21	34	"
316	"	1	19	19	"	349	"	4	22	43	"
317	"	1	19	39	"	350	"	4	22	52	"
318	"	2	02	17	"	351	"	4	23	27	"
319	"	2	03	04	"	352	"	5	00	10	"
320	"	2	14	02	53km. SW of Hwalien.	353	"	5	00	26	"
321	"	2	14	07	Taitung District.	354	"	5	01	32	"
322	"	2	22	01	Northern District.	355	"	5	01	56	"
323	"	3	02	24	Near Hsingkong.	356	"	5	02	05	"
324	"	3	15	14	Ditto.	357	"	5	03	59	"
325	"	3	16	22	21°N. 124°E.	358	"	5	04	06	"
326	"	3	19	37	Near Hwalien.	359	"	5	05	12	"
327	"	3	23	27	Taitung District.	360	"	5	07	32	"
328	"	4	03	12	57km. E. of Hwalien.	361	"	5	03	01	"
329	"	4	06	54	Taitung District.	362	"	5	08	24	"
330	"	4	11	17	30km. SSE of Hengchun. After Shock.	363	"	5	08	48	"
331	"	4	11	21	Ditto.	364	"	5	08	51	"
332	"	4	11	26	"	365	"	5	11	27	"
333	"	4	11	29	"	366	"	5	11	50	"
334	"	4	11	30	"	367	"	5	13	36	"
335	"	4	11	47	"	368	"	5	13	46	48km. SE of Hengchun. After Shock.
336	"	4	11	59	"	369	"	5	17	35	36km. SSE of Hengchun. After Shock.
337	"	4	12	02	"	370	"	5	19	33	Ditto.
338	"	4	12	52	"	371	"	5	04	12	"
339	"	4	12	59	"	372	"	5	23	28	"
340	"	4	13	01	"	373	"	6	00	03	20km. SSE of Hwalien.
341	"	4	13	22	"	374	"	6	01	27	Near Hsingkong.
342	"	4	13	46	"	375	"	6	03	45	Ditto.

No.	Month	P. (G. M. T.)			Epicenter	No.	Month	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
376	April	6	18	51	Ditto.	410	April	12	06	30	N. 24.2° E. 122.5°
377	"	6	18	54	125km. ENE of Hwalien.	411	"	12	13	16	Hengchun District.
378	"	7	00	43	75km. ESE of Ilan.	412	"	12	14	03	Ditto.
379	"	7	08	26	Near Hsingkong.	413	"	12	20	05	Near Hsingkong.
380	"	7	09	11	Near Ilan.	414	"	13	00	07	Ditto.
381	"	8	01	03	Near Hsingkong.	415	"	13	03	56	"
382	"	8	12	17	35km. W. of Hwalien.	416	"	13	07	45	Near Ilan,
383	"	9	01	44	Near Hsingkong.	417	"	13	11	21	60km. ENE of Taitung.
384	"	9	03	59	Near Hwalien.	418	"	13	12	17	Hengchun District.
385	"	9	07	43	Near Hsingkong.	419	"	13	12	42	Ditto.
386	"	9	03	13	Ditto.	420	"	13	19	58	Hwalien District.
387	"	9	20	15	140km. E of Ilan. (H=80)	421	"	13	20	24	Taitung District.
388	"	10	05	40	About 182km. SE of Hsingkong.	422	"	13	20	33	30km. S. of Alishan.
389	"	10	05	41	About 19km. N. of Hwalien.	423	"	13	23	06	Near Hsingkong.
390	"	10	06	59	Near Hwalien.	424	"	13	23	27	Ditto.
391	"	10	11	09	33km. E. of Hengchun.	425	"	14	00	25	"
392	"	10	12	49	Near Hsingkong.	426	"	14	01	33	Silang Province, China.
393	"	10	14	29	Near Hwalien.	427	"	14	04	39	Near Hsingkong.
394	"	10	17	42	East Coast of Mindanao Is. Philippines.	428	"	14	05	53	Taichung District.
395	"	10	19	15	Near Hengchun.	429	"	14	06	26	Hengchun District.
396	"	10	21	48	Northern District.	430	"	14	09	25	Near Hsingkong.
397	"	10	21	53	Near Taitung.	431	"	14	10	30	Ditto.
398	"	11	00	07	Near Hsingkong.	432	"	14	15	23	Near Alishan.
399	"	11	02	06	Ditto.	433	"	14	18	40	Northern District.
400	"	11	03	43	N. 24.6° E. 119.7°	434	"	14	19	06	Taitung District.
401	"	11	03	46	Near Hwalien.	435	"	14	21	21	Near Hsingkong.
402	"	11	04	17	Hengchun District.	436	"	15	02	05	Taitung District.
403	"	11	13	51	Taitung District.	437	"	15	03	48	Hsin Kiang Province, China.
404	"	11	14	00	Hengchun District.	438	"	15	04	21	Ditto. After Shock.
405	"	11	15	20	Near Hsingkong.	439	"	15	10	56	30km. S. of Hwalien.
406	"	11	20	37	Near Hengchun.	440	"	16	07	19	N. 34° E. 122.4°
407	"	11	22	12	Near Hsingkong.	441	"	16	09	44	Ditto.
408	"	12	01	27	Northern District.	442	"	16	15	26	Hwalien District.
409	"	12	03	37	Hwalien District.	443	"	16	15	57	75km. E. of Ishigaki Is.

No.	Month	P.			Epicenter	No.	Month	P.			Epicenter
		(G.	M.	T.)				(G.	M.	T.)	
		d.	h.	m.			d.	h.	m.		
444	April	16	16	55	55km. NNE of Tainan.	478	April	21	14	33	Near Hwalien.
445	"	16	17	24	Northen District.	479	"	22	07	37	37km. of Tainan.
446	"	16	18	16	Near Hengchun.	480	"	22	13	02	66km. SSE of Hwalien.
447	"	16	18	18	Hengchun District.	481	"	22	18	45	Taitung District.
448	"	16	20	00	Hwalien District.	482	"	22	20	35	Near Hsinkong.
449	"	16	20	12	Uncertain.	483	"	23	02	33	21.1° N. 125.1° E.
450	"	17	01	03	Hengchun District.	484	"	23	08	12	65km. E. of Hengchun.
451	"	17	01	18	Northen District.	485	"	23	16	43	(Distant) 340km. off South Coast of Taiwan.
452	"	17	01	49	Hwalien District.	486	"	23	18	52	Northen District.
453	"	17	06	01	Hengchun District.	487	"	23	19	30	Northen District.
454	"	17	06	07	Uncertain.	488	"	23	19	51	110km. E. of Ishigaki Is.
455	"	17	10	53	Near Hsinchu.	489	"	23	20	24	24.4° N. 123.3° E.
456	"	17	18	43	South Coast of Kamchatka. P.	490	"	23	21	07	Northen District.
457	"	17	20	00	About 550km. off North Coast of Taiwan.	491	"	23	21	43	Ditto.
458	"	17	21	00	Hwalien District.	492	"	24	01	11	"
459	"	17	22	42	Distant. (Argentine.)	493	"	24	12	09	Near Hwalien.
460	"	18	05	32	Taitung District.	494	"	24	13	18	Hsinking Province.
461	"	18	08	48	N. 20.8° E. 123.5°	495	"	24	15	41	54km. ESE of Hwalien.
462	"	18	09	01	Near Hsinkong.	496	"	25	01	56	Taitung District.
463	"	18	20	06	Ditto.	497	"	25	09	42	Near Hsinkong.
464	"	18	21	11	180km. ESE of Hwalien.	498	"	25	15	17	120km. ENE of Ilan.
465	"	18	21	57	Hwalien District.	499	"	25	15	23	Ditto.
466	"	19	00	25	Hengchun District.	500	"	25	15	30	40km. SSE of Hengchun.
467	"	19	03	32	Hwalien District.	501	"	25	16	04	Hwalien District.
468	"	19	06	39	N. 24.7° E. 123.3°	502	"	25	17	34	116km. ENE of Hwalien.
469	"	19	06	59	NE Coast of Taiwan.	503	"	26	00	58	44km. SE of Hengchun.
470	"	19	16	33	26.8° N. 126.1° E.	504	"	26	01	27	Taitung District.
471	"	19	20	20	Uncertain. (Distant)	505	"	27	07	04	Near Hsinkong.
472	"	20	02	23	60km. E. of Tawu.	506	"	27	13	33	Ditto.
473	"	20	03	11	Taitung District.	507	"	27	15	32	245km. W. of Taipei.
474	"	20	11	47	40km. ES of Taichung.	508	"	27	19	57	32km. NW of Taichung.
475	"	20	11	49	Near Alishan.	509	"	28	04	09	Taitung District.
476	"	20	14	43	23.2° N. 124.2° E.	510	"	28	09	23	Near Hsinkong.
477	"	20	16	29	Near Hsinkong.	511	"	28	13	50	Ditto.

No.	Month	P.			Epicenter	No.	Month	P.			Epicenter
		(G.	M.	T.)				(G.	M.	T.)	
		d.	h.	m.			d.	h.	m.		
512	April	29	04	50	Northern District.	546	May.	09	14	49	Ditto.
513	"	29	10	11	Near Hsinkong.	547	"	10	00	44	Near Tawu.
514	"	29	23	46	Ditto.	548	"	10	11	07	Near Hwalien.
515	"	30	01	18	"	549	"	10	11	40	Ditto.
516	"	30	05	33	Near Hwalien.	550	"	11	16	37	Uncertain.
517	"	30	06	56	Near Hsinkong.	551	"	11	19	33	Near Hsinkong.
518	"	30	18	36	Near Hwalien.	552	"	11	20	12	Ditto.
519	May.	01	10	01	E. 143.5° N.: 9.5° E. off Coast of Northern Honshu Japan	553	"	12	06	45	"
520	"	01	14	04	Ditto.	554	"	12	16	47	"
521	"	01	17	37	47km. ESE of Hengchun.	555	"	12	22	03	"
522	"	01	18	51	40km. E. of Taichung.	556	"	14	01	58	Northern District.
523	"	01	19	25	Hengchun. District.	557	"	14	06	07	N. 25.5° E. 133.2°
524	"	01	19	49	Near Hengchun.	558	"	14	17	10	Near Hengchun.
525	"	02	12	24	Northern District.	559	"	14	19	58	72km. ESE of Ilan.
526	"	02	15	57	Near Hsinkong.	560	"	15	06	08	Near Hsinkong.
527	"	03	19	38	Near Hwalien.	561	"	15	08	13	Taitung District.
528	"	03	19	40	60km. NE of Hwalien.	562	"	16	00	33	60km. NE of Alishan.
529	"	03	22	25	Near Hsinkong.	563	"	16	03	41	Near Hsinkong.
530	"	04	00	28	Hwalien District.	564	"	16	09	08	Hwalien District.
531	"	04	16	02	Near Hsinkong.	565	"	16	14	53	Taitung District.
532	"	04	18	09	50km. NE of Hwalien.	566	"	16	21	46	70km. SE of Hwalien.
533	"	04	20	52	Near Hsinkong.	567	"	17	01	30	Near Hsinkong.
534	"	04	03	02	Ditto.	568	"	17	14	56	E. 143° N. 1° Near New Guinea.
535	"	04	23	02	"	569	"	18	02	59	Near Hsinkong.
536	"	05	03	26	"	570	"	18	05	27	E. 122.9° N. 22.2°
537	"	05	08	29	Near Hengchun.	571	"	18	05	59	Near Hsinkong.
538	"	05	11	23	40km. N. of Taichung.	572	"	18	07	23	E. 123.0° N. 22.2°
539	"	05	12	19	Near Hwalien.	573	"	18	08	44	Ditto.
540	"	06	00	10	Taitung District.	574	"	18	16	22	Hengchun District.
541	"	06	03	56	Near Hsinkong.	575	"	18	19	55	Near Hsinkong.
542	"	06	05	38	Ditto.	576	"	18	21	04	Ditto.
543	"	06	09	22	"	577	"	19	20	52	36km. E. of Taitung.
544	"	06	16	12	"	578	"	21	02	08	Near Hsinkong.
545	"	08	07	33	"	579	"	21	03	34	E. 140.5° N. 29° Jori Is. Bonin Is. region.

No.	Month	P. M. T.)			Epicenter	No.	Month	P. M. T.)			Epicenter
		G.	M.	T.)				G.	M.	T.)	
		d.	h.	m.			d.	h.	m.		
580	May.	21	07	45	36km. NE of Hwalien.	614	May.	30	19	50	77km. E. of Hwalien.
581	"	21	08	16	Northern District.	615	"	30	21	37	Near Hsinkong.
582	"	21	19	09	Near Hsinkong.	616	"	30	21	38	S. 3° E. 137° Western New Guinea.
583	"	21	19	13	Ditto.	617	"	31	16	27	Near Hsinkong.
584	"	21	06	52	"	618	June	01	00	35	"
585	"	22	20	02	Taitung District.	619	"	01	01	09	Taitung District.
586	"	23	13	22	Near Tawu.	620	"	01	08	49	Northern District.
587	"	23	16	29	90km. ESE of Hwalien.	621	"	01	15	46	122.4° E. 20.1° N.
588	"	23	21	47	Near Hsinkong.	622	"	01	16	15	Hengchun District.
589	"	24	05	25	Ditto.	623	"	02	00	41	N. 52° W. 179°
590	"	24	12	06	"	624	"	02	02	03	Near Hsinkong.
590	"	26	01	20	Near Hwalien.	625	"	02	02	18	63km. SSE of Hwalien.
592	"	26	04	42	Hwalien District.	626	"	02	08	56	Taitung District.
593	"	26	00	02	Near Hwalien.	627	"	02	13	18	Near Hsinkong.
594	"	26	09	30	Near Hsinkong.	628	"	02	15	49	Near Hwalien.
595	"	26	16	35	Ditto.	629	"	02	16	13	Near Hsinkong.
596	"	26	19	35	"	630	"	02	17	48	Ditto.
597	"	26	21	26	S. 10° E. 150° Solomon Is. region.	631	"	02	19	32	20km SW of Taitung.
598	"	26	23	00	Near Hsinkong.	632	"	03	04	35	50km. of Alishan.
599	"	27	15	49	70km. W. of Taitung.	633	"	03	14	53	100km. E. of Hwalien.
600	"	28	04	33	Near Hsinkong.	634	"	05	06	24	45km. N. of Hwalien.
601	"	28	05	58	Hengchun District.	635	"	05	06	25	Ditto.
602	"	28	18	53	Northern District.	636	"	05	06	28	"
603	"	28	22	34	Near Hsinkong.	637	"	05	06	30	"
604	"	28	22	34	Ditto.	638	"	05	06	32	"
605	"	29	15	40	S. 10.5° E. 110.5° off South Coast of Java.	639	"	05	06	53	"
606	"	29	17	09	Near Hsinkong.	640	"	05	06	54	"
607	"	30	21	05	Ditto.	641	"	05	06	55	"
608	"	30	02	10	"	642	"	05	06	58	"
609	"	30	03	45	40km. ES of Taitung.	643	"	05	06	59	"
610	"	30	05	56	Near Hsinkong.	644	"	05	07	06	50km. NNE of Hwalien.
611	"	30	12	36	East Coast of Philippines. 134° E. 12° N.	645	"	05	07	13	Ditto.
612	"	30	12	39	Hengchun District.	646	"	05	08	00	47km. NE of Hwalien.
613	"	30	12	46	Ditto.	647	"	05	08	53	Ditto.

No.	Month	P. M. T.)			Epicenter	No.	Month	P. M. T.)			Epicenter
		G.	M.	T.)				G.	M.	T.)	
		d.	h.	m.			d.	h.	m.		
648	June	05	09	03	45km N. of Hwalien.	682	June	07	19	58	Ditto.
649	"	05	09	09	Ditto.	683	"	07	20	54	Near Ilan.
650	"	05	09	12	"	684	"	07	20	58	"
651	"	05	09	31	"	685	"	07	20	59	"
652	"	05	09	49	"	686	"	08	01	38	Taitung District.
653	"	05	10	04	46km. NNW of Hwalien.	687	"	08	01	39	Ditto.
654	"	05	10	07	Ditto.	688	"	08	04	14	Near Ilan.
655	"	05	10	14	"	689	"	08	04	17	Northern District.
656	"	05	10	35	"	690	"	08	16	43	Ditto.
657	"	05	11	05	"	691	"	08	17	32	"
658	"	05	11	06	"	692	"	08	20	16	Near Hsinkong.
659	"	05	11	30	50km. NE of Hwalien.	693	"	09	23	11	Ditto.
660	"	05	11	35	Ditto.	694	"	10	02	54	"
661	"	05	13	15	"	695	"	11	10	38	50km. SE of Taitung.
662	"	05	13	36	"	696	"	12	10	42	45km. NNW of Hwalien.
663	"	05	14	05	"	697	"	12	12	19	Near Hwalien.
664	"	05	15	28	"	698	"	12	19	47	Near Hsinkong.
665	"	05	15	29	"	699	"	12	20	38	Uncertain.
666	"	05	15	34	"	700	"	13	02	37	Hwalien District.
667	"	05	17	19	"	701	"	13	02	55	Near Hsinkong.
668	"	05	22	28	43km. NNW of Hwalien.	702	"	13	03	33	Taitung District.
669	"	06	02	11	47km. NE of Hwalien.	703	"	13	05	08	Northern District.
670	"	06	02	35	Ditto.	704	"	13	11	48	Hwalien District.
671	"	06	02	39	"	705	"	13	22	47	Northern. District.
672	"	06	06	07	53km, SSE of Hwalien.	706	"	14	02	01	Taitung District.
673	"	06	20	50	Near Hwalien.	707	"	14	02	06	Northern. District.
674	"	07	00	53	The Border between the Si-Chuang and Si-Kong provinces.	708	"	15	11	16	Near Alishan.
675	"	07	06	24	Near Hwalien.	709	"	15	14	52	Near Hsinkong.
676	"	07	08	45	Near Hsinkong.	710	"	15	20	03	Ditto.
677	"	07	12	38	78km. ESE Hsinkong.	711	"	16	06	21	48km. SW of Ilan.
678	"	07	15	38	The Border between the Si-Chuang and Si-Kong provinces.	712	"	16	15	09	Near Hsinkong.
679	"	07	16	11	50km. S. of Ilan.	713	"	16	20	42	Ditto.
680	"	07	16	24	Ditto.	714	"	16	21	42	Near Ilan.
681	"	07	19	56	"	715	"	17	02	11	Near Hsinkong.

No.	Month	P. (G. M. T.)			Epicenter	No.	Month	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
716	June	17	10	52	40km. ESE of Taitung.	750	June	22	10	15	115km. ESE of Hengchung.
717	"	17	11	17	Ditto.	751	"	22	12	13	100km. NE of Taipei.
718	"	17	14	22	"	752	"	22	13	29	Near Ilan.
719	"	17	14	48	85km. E. of Taitung.	753	"	22	14	20	Ditto.
720	"	17	20	08	Tainan District.	754	"	22	22	55	Near Hwalien.
721	"	17	21	01	Hengchung District.	755	"	22	23	30	Near Ishigaki Is.
722	"	17	21	36	Near Hsinkong.	756	"	23	08	35	Taitung District.
723	"	17	19	22	Northern District.	757	"	23	08	33	About 335km. E. of Hwalien.
724	"	18	02	27	30km. WNW of Taichung.	758	"	23	09	?	Taitung District.
725	"	18	12	36	Near Hsinkong.	759	"	24	20	14	Near Hsinkong.
726	"	18	13	44	Near Taitung.	760	"	24	20	27	Near Taitung.
727	"	20	01	08	20km. E. of Tawu.	761	"	25	09	42	Ditto.
728	"	20	09	17	Near Hsinkong.	762	"	25	17	08	Near Hsinkong.
729	"	20	10	11	Ditto.	763	"	25	18	11	Hengchung District.
730	"	20	10	48	90km. ENE of Taipei.	764	"	25	18	27	80km. E. of Tawu.
731	"	20	12	17	Aleutian Is. region.	765	"	25	18	43	Near Hsinkong.
732	"	20	14	09	Tainan District.	766	"	25	19	03	Ditto.
733	"	20	14	16	Near Hsinkong.	767	"	25	19	14	"
734	"	20	14	29	Taitung District.	768	"	26	04	16	20km. E. of Ilan.
735	"	21	00	15	Ditto.	769	"	26	14	21	Near Hsinkong.
736	"	21	00	52	"	770	"	27	10	32	Uncertain (Distant).
737	"	21	02	09	"	771	"	27	12	02	Near Alishan.
738	"	21	02	15	55km. ENE of Taiwu	772	"	27	16	16	137.5° E. 7° N.
739	"	21	03	09	Near Taitung.	773	"	28	05	29	Near Hwalien.
740	"	21	06	00	20km. S. of Taitung.	774	"	28	17	25	57km. S. of Hwalien.
741	"	21	07	58	Near Hsinkong.	775	"	29	03	39	Uncertain.
742	"	21	08	35	Ditto.	776	"	29	04	57	"
743	"	21	08	51	"	777	"	29	06	35	Near Taitung.
744	"	21	12	44	Near Hwalien.	778	"	29	06	55	Near Hsinkong.
745	"	21	13	26	Near Taitung.	779	"	29	08	41	Ditto.
746	"	21	16	32	Near Lu-Tao. (Taitung)	780	"	29	09	52	Northern District.
747	"	21	18	48	Ditto.	781	"	29	21	55	Near Hwalien.
748	"	21	22	28	Tainan District.	782	"	30	03	18	Near Hsinkong.
749	"	22	08	46	Near Hsinkong.	783	"	30	05	56	Taichung District.

Major Earthquakes Which Occurred in April, 1955.

No.	Station	Date	Phase	P. (G.M.T.)	Initial Motion			Maximum Amplitude			Period			P~S	Intensity	Epicenter & Remarks
					N	E	Z	N	E	Z	N	E	Z			
					h. m. s.	μ	μ	μ	μ	μ	μ	s	s			
1	Hengchung	31	eP	18 20 34.5	—	—	—	204	403	153	177	171	172	3	58.7	Mindanao Region. Philippines.
	Tawu		eP	35.7	—	—	—	188	243	—	189	266	—	3	58.0	
	Hsinkong		eP	45.3	—	—	—	260	355	—	161	195	—	2	54.5	
	Tainan		iP	49.9 + 10.1	—	7.1	—	3580	3715	1148	193	192	110	2	59.1	
	Alishan		eP	21 00.0	—	—	—	144	128	—	214	204	—	3	23.6	
	Yushan		eP	00.0	—	—	—	—	—	—	—	—	—	3	25.0	
	Taichung		P	00.7	—	—	—	3631	7232	3551	146	194	156	3	16.4	
	Penghu		P	01.5	—	—	—	165	175	—	—	—	—	3	18.5	
	Hwalien		iP	04.8 + 7.4	—	8.7	—	143	163	103	178	172	176	2	29.3	
	Ilan		eP	08.3	—	—	—	29	21	—	8.0	6.8	—	2	46.9	
Taipei		eP	15.5	—	—	—	2432	1875	2800	195	200	202	3	24.8		
Hsinchu		eP	17.3	—	—	—	—	—	—	—	—	—	3	05.2		
2	Hengchung	31	eP	20 56 10.7	—	—	—	—	—	—	—	—	—	—	—	Ditto. After Shock.
	Tawu		P	10.8	—	—	—	—	—	—	—	—	—	—	—	
	Hsinkong		eP	28.3	—	—	—	—	—	—	—	—	—	2	51.8	
	Tainan		eP	28.7	—	—	—	—	—	—	—	—	—	3	00.5	
	Alishan		eP	38.6	—	—	—	—	—	—	—	—	—	3	08.5	
	Taichung		P	40.1	—	—	—	—	—	—	—	—	—	—	—	
	Ilan		eP	43.2	—	—	—	—	—	—	—	—	—	—	—	
Taipei		eP	46.2	—	—	—	—	—	—	—	—	—	3	24.8		
3	Yushan	4	eP	11 11 33.2	—	—	—	—	—	—	—	—	—	—	06.4	30km. SSE of Hengchung E. 120.9° N. 21.8° H about 5km. (r)
	Hengchung		iP	33.9 - 570 + 403 - 1030	—	—	—	2.6	—	—	—	—	—	—	04.5	
	Tawu		iP	38.0 + 539 - 125 + 365	—	—	—	—	—	—	—	—	—	—	06.8	
	Taitung		iP	42.5 + 1007 + 82.0 + 2014	—	—	—	—	—	—	—	—	—	—	09.3	
	Tainan		iP	53.7 + 8.9 - 4.8 + 24.3	—	—	—	5650	4625	5259	2.8	2.8	2.8	—	—	
	Hsinkong		iP	45.7 + 60.0 + 14.1 + 10.0	—	—	—	—	—	—	—	—	—	—	16.8	
	Alishan		iP	57.3 + 1064 - 10.6 + 62.5	—	—	—	4500	1125	10000	4.4	4.4	4.4	—	24.8	
	Hwalien		iP	12 00.3 + 3.2 + 2.2 + 5.0	—	—	—	3200	2000	1100	2.8	2.8	2.6	—	30.5	
	Penghu		iP	01.7	—	—	—	1290	995	—	2.1	2.9	—	—	12.0	
	Taichung		eP	05.2 + 22.1 + 5.7 + 45.6	—	—	—	5203	5727	4762	4.6	3.0	2.8	—	31.7	
Hsinchu		eP	16.0	—	—	—	900	880	—	1.9	2.0	—	—	45.0		

No.	Station	Date	Phase	P.			Initial Motion			Maximum Amplitude			Period			P~S	Intensity	Epicenter & Remarks
				(G.M.T.)			N	E	Z	N	E	Z	N	E	Z			
				h.	m.	s.	μ	μ	$i\mu$	μ	μ	μ	s	s	s			
	Ilan	4	iP	16.5	+12.0	-	+26	1626	1272	716	1.6	1.6	1.8	41.5	II			
	Taipei		iP	18.4	+50.0	-	35.0 + 21.4	-	-	-	-	-	-	51.9	I			
4	Tainan	4	eP	13 19 24.8	-	-	-	-	-	-	-	-	-	24.2	O	35km. ESE of Hwalien E. 121.9° N. 23.9° (1)		
	Hwalien		iP	49.5	-	-	+ 4.5	-	-	-	-	-	04.5	II				
	Hsinkong		iP	59.9	+ 2.2	+ 1.1	-	25.6	32.6	-	0.7	0.7	-	11.8	I			
	Yushan		eP	20 00.0	-	-	-	-	-	-	-	-	-	15.0	O			
	Alishan		eP	04.6	-	-	-	-	-	-	-	-	-	12.9	O			
	Ilan		eP	05.5	-	-	-	-	-	-	-	-	-	10.5	O			
	Taichung		eP	06.1	-	-	-	-	-	-	-	-	-	23.4	O			
	Taipei		eP	06.5	-	-	-	-	-	-	-	-	-	-	0			
	Taitung		P	07.4	-	-	-	-	-	-	-	-	-	15.7	O			
	Hsinchu		eP	09.5	-	-	-	-	-	-	-	-	-	23.4	O			
	Hengchun		eP	27.0	-	-	-	-	-	-	-	-	-	-	0			
5	Tainan	4	iP	18 13 12.4	+ 5.1	- 2.4	+ 8.6	-	-	-	-	-	-	32.1	O	30km. SSE of Hengchun E. 120.9° N. 21.8° (S)		
	Hengchun		iP	38.9	- 43.0	+ 20.3	- 61.5	613	577	286	-	-	5.5	05.1	II			
	Tawu		iP	43.4	+ 8.8	- 3.8	-	65	45	-	-	-	-	07.7	O			
	Taitung		P	48.9	-	-	-	-	-	-	-	-	-	13.5	O			
	Hsinkong		iP	51.0	+ 0.8	+ 0.5	-	22	20	-	0.9	0.9	-	16.5	I			
	Yushan		eP	14 00.0	-	-	-	-	-	-	-	-	-	30.0	O			
	Alishan		eP	07.9	-	-	-	-	-	-	-	-	-	24.6	O			
	Hwalien		eP	08.5	-	-	-	-	-	-	-	-	-	26.9	O			
	Taichung		eP	21.0	-	-	-	-	-	-	-	-	-	36.0	O			
	Ilan		eP	33.9	-	-	-	-	-	-	-	-	-	43.1	O			
	Taipei		eP	42.5	-	-	-	-	-	-	-	-	-	-	0			
	Hsinchu		eP	57.8	-	-	-	-	-	-	-	-	-	39.0	O			
6	Hengchun	4	iP	21 41 18.9	- 32.2	+ 29.5	- 57.7	700	602	44	-	-	-	05.3	II	44km. ENE of Hengchun E. 121.1° N. 22.1° (S)		
	Tainan		P	22.4	-	-	-	-	-	-	-	-	-	-	0			
	Tawu		iP	23.2	+ 4.4	- 2.8	-	133	89	-	-	0.7	-	07.2	O			
	Taitung		P	29.5	-	-	-	-	-	-	-	-	-	08.7	O			
	Hsinkong		eP	31.9	-	-	-	26	33	-	0.9	0.9	-	15.8	I			
	Alishan		eP	41.6	-	-	-	-	-	-	-	-	-	18.6	O			
	Hwalien		eP	52.7	-	-	-	-	-	-	-	-	-	24.3	O			

No.	Station	Date	Phase	P.			Initial Motion			Maximum Amplitude			Period			P~S	Intensity	Epicenter & Remarks
				(G.M.T.)			N	E	Z	N	E	Z	N	E	Z			
				h.	m.	s.	μ	μ	μ	μ	μ	μ	s	s	s			
6	Taichung	4	eP	42 06.8	-	-	-	-	-	-	-	-	-	-	-	37.5	O	
	Ilan		eP	11.0	-	-	-	-	-	-	-	-	-	-	-	41.6	O	
	Taipei		eP	16.3	-	-	-	-	-	-	-	-	-	-	-	47.0	O	
	Hsinchu		eP	54.2	-	-	-	-	-	-	-	-	-	-	-	39.0	O	
7	Hengchun	4	iP	22 12 44.3	- 33.5	+ 20.5	- 41.0	269	292	110	1.1	2.7	1.1	05.3	I	Ditto. After Shock		
	Tawu		iP	48.1	-	-	-	77	60	-	-	-	-	07.4	O			
	Tainan		eP	49.1	-	-	-	-	-	-	-	-	-	32.4	O			
	Taitung		P	54.3	-	-	-	-	-	-	-	-	-	14.6	O			
	Hsinkong		eP	57.7	-	-	-	-	-	-	-	-	-	16.0	O			
	Alishan		eP	13 05.7	-	-	-	-	-	-	-	-	-	-	0			
	Hwalien		eP	17.0	-	-	-	-	-	-	-	-	-	24.7	O			
	Taitung		eP	31.1	-	-	-	-	-	-	-	-	-	26.2	O			
	Ilan		eP	46.2	-	-	-	-	-	-	-	-	-	34.4	O			
	Taipei		eP	50.2	-	-	-	-	-	-	-	-	-	-	0			
8	Hengchun	5	iP	13 37 40.8	- 9.7	+ 7.9	- 9.0	134	-	-	4.0	-	-	05.8	I	43km. SE of Hengchun E. 121.1° N. 21.8° (1)		
	Tawu		P	45.1	-	-	-	-	-	-	-	-	-	09.1	O			
	Hsinkong		eP	53.1	-	-	-	-	-	-	-	-	-	17.9	O			
	Taitung		P	58.7	-	-	-	-	-	-	-	-	-	06.8	O			
	Tainan		P	38 04.9	-	-	-	-	-	-	-	-	-	18.9	O			
	Alishan		eP	12.4	-	-	-	-	-	-	-	-	-	23.5	O			
9	Hengchun	5	iP	13 48 58.4	- 130	+ 64.7	- 147.4	769	778	350	2.8	3.1	3.2	06.3	II	Ditto. (s)		
	Tawu		iP	49 03.4	+ 26.3	- 9.4	- 42.9	135	142	124	-	-	-	09.1	O			
	Taitung		P	09.6	-	-	-	-	-	-	-	-	-	08.0	O			
	Hsinkong		iP	12.1	+ 1.3	+ 1.1	-	33	61	-	1.1	1.2	-	16.8	I			
	Tainan		P	16.4	-	-	+ 4.3	-	-	-	-	-	-	38.8	O			
	Yushan		eP	27.0	-	-	-	-	-	-	-	-	-	33.0	O			
	Alishan		iP	27.3	+ 7.2	- 2.6	+ 5.0	-	-	-	-	-	-	27.0	I			
	Hwalien		P	31.4	-	-	-	-	-	-	-	-	-	22.0	O			
	Taichung		P	32.4	-	-	-	-	-	-	-	-	-	35.9	O			
	Ilan		eP	46.5	-	-	-	36	35	-	2.0	2.1	-	29.7	O			
	Taipei		eP	55.0	-	-	-	-	-	-	-	-	-	46.5	O			
	Tsinchu		eP	59.4	-	-	-	-	-	-	-	-	-	31.2	O			

No.	Station	Date	Phase	P.			Initial Motion			Maximum Amplitude			Period			P~S		Intensity	Epicenter & Remarks	
				(G.M.T.)			N	E	Z	N	E	Z	N	E	Z	s	m			s
				h.	m.	s.	μ	μ	μ	μ	μ	μ	s	s	s	m	s			
10	Hengchun	5	iP	14 02	50.9	-290.3	+136.3	-235.9	4500	3000	8000	4.1	4.5	4.1	04.6	III	36km. SSE of Hengchun. E. 120.9° N. 21.8° (s)			
	Tawu	iP		56.1	+26.3	-9.4	+34.7	347	438	776		1.2	4.2	07.5	I					
	Taitung	P	3 02.5													12.6		O		
	Hsinkong	iP		04.5	+3.3	+1.6	?	148	164		3.8	1.4		16.8	II					
	Tainan	iP		07.7	+8.9	-4.8	+186	372	276	395	3.8	3.4	4.4	31.3	O					
	Hwalien	P		22.7				290	300	100	2.5	2.1	2.4	30.2	O					
	Alishan	P		23.0	+9.0	?	+3.3							26.3	I					
	Taichung	P		24.2				162	236	71	3.9	5.8	4.7	41.7	O					
	Penghu	P		33.7				80	108		3.6	4.3		23.7	O					
	Taipei	eP		37.0				134	170		3.0	5.4		42.5	O					
Ilan	eP		38.0				149	139	53	2.2	2.6	1.6	33.4	O						
Hsinchu	eP		43.8										27.3	O						
Yushan	eP		47.5										27.5	I						
11	Hengchun	5	iP	14 27	52.6	-16.1 ± 00	+6.8	-6.4	408	318	127	1.8	2.2		05.7	I	Ditto. (1)			
	Tawu	eP		56.5				42	38					09.1	O					
	Taitung	P		58.2										19.1	O					
	Hsinkong	eP	28 05.2											16.8	O					
	Tainan	eP		14.2										27.9	O					
	Alishan	eP		23.0										26.2	O					
	Hwalien	P		25.8										27.1	O					
	Yushan	eP		30.0										26.0	O					
	Taichung	P		41.7										27.6	O					
	Ilan	eP		43.6										29.4	O					
Taipei	eP		51.0											0						
12	Tawu	6	P	18 46	00.2										01.2	O	Near Hsinkong (1)			
	Taitung	P		00.3											01.8	O				
	Hsinkong	eP		45.4				78	38						03.2	I				
	Alishan	eP		50.5												O				
	Hwalien	P	47 00.3												08.7	O				
	Taichung	eP		13.1											06.9	O				
13	Yushan	7	eP	22 49	17.1										08.6	O				
	Hwalien	iP		44.3	+14.9	+20.0	+65.0	+700	+1000	-400					01.3	III				

No.	Station	Date	Phase	P.			Initial Motion			Maximum Amplitude			Period			P~S		Intensity	Epicenter & Remarks	
				(G.M.T.)			N	E	Z	N	E	Z	N	E	Z	s	m			s
				h.	m.	s.	μ	μ	μ	μ	μ	μ	s	s	s	m	s			
10	Alishan	7	eP		54.1													10km. W. of Hwalien. E. 121.6° N. 23.9°		
	Hsinkong	iP		55.0	+1.1	+1.1	-2.1	-59	-65	-32	0.9	1.2	0.7	14.1	I					
	Ilan	eP		55.0				124	69		2.0	2.0		12.3	O					
	Taichung	iP		57.1	-4.7	+11.5	-25.3	86	87	36	2.0	1.6	1.9	13.1	O					
	Taitung	P	50 01.7	+1.8	+1.1			56	72		3.2	2.0		17.9	I					
	Taipei	eP		01.7										15.3	O					
	Hengchun	eP		06.2										27.7	O					
	Tawu	P		10.8										25.7	O					
	Tainan	eP		13.4										26.1	O					
	Penghu	eP		15.0				50	50		2.1	2.4		22.2	O					
14	Hwalien	8	iP	09 43	44.4	+14.0	+10.9	+38.3	500	600	300					02.1	III	14km. N. of Hwalien. E. 121.6° N. 24.1°		
	Ilan	eP		57.8				50	37		2.4	1.8		11.5	O					
	Hsinkong	eP		55.6										11.8	O					
	Taichung	P		59.3										12.6	O					
	Alishan	eP	44 00.0											10.7	O					
	Taipei	eP		03.0										14.2	O					
	Taitung	P		03.6										19.3	O					
	Tawu	P		12.2										25.7	O					
15	Tawu	10	P	17 41	23.1										2	47.0	O	E. 128.5° N. 9.5° Eastern Coast of Mindanao Is. Philippines.		
	Hsinkong	eP		52.0										3	00.3	O				
	Tainan	eP		55.3										3	02.7	O				
	Taichung	P	42 11.7											3	08.9	O				
	Taipei	P		11.9										3	14.4	O				
	Ilan	eP		10.0										3	16.2	O				
16	Penghu	11	P	03 42	45.8				105	50		2.5	2.5		13.0	O	E. 119.7° N. 24.6°			
	Yushan	eP	43 00.0											26.4	O					
	Tainan	P		04.5										20.4	O					
	Alishan	eP		07.5										31.0	O					
	Taichung	P		07.6										15.4	O					
	Hsinkong	eP		13.6										39.4	O					

No.	Station	Date	Phase	P. (G.M.T.)	Initial Motion			Maximum Amplitude			Period			P~S	Intensity	Epicenter & Remarks	
					N	E	Z	N	E	Z	N	E	Z				
	Hwalien	11	eP	18.7	-	-	-	-	-	-	-	-	-	26.0	O		
	Hsinchu		eP	24.8	-	-	-	-	-	-	-	-	-	23.4	O		
	Taipei		eP	26.6	-	-	-	-	-	-	-	-	-	36.5	O		
	Ilan		eP	32.0	-	-	-	-	-	-	-	-	-	43.5	O		
	Hengchun		eP	43.8	-	-	-	-	-	-	-	-	-	?	O		
17	Hwalien	12	P	06 30 22.7	-	-	-	-	-	-	-	-	-	11.4	O	100km. ENE of Hwalien. E. 122.5° N. 24.2° H=60m. Unfelt.	
	Ilan		eP	23.5	-	-	-	-	-	-	-	-	-	11.3	O		
	Hsinkong		eP	28.8	-	-	-	-	-	-	-	-	-	16.8	O		
	Taipei		eP	32.6	-	-	-	-	-	-	-	-	-	?	O		
	Alishan		eP	34.0	-	-	-	-	-	-	-	-	-	19.7	O		
	Taichung		eP	37.3	-	-	-	-	-	-	-	-	-	18.3	O		
	Taitung		P	57.3	-	-	-	-	-	-	-	-	-	-	O		
18	Tawu	13	P	12 14 22.9	-	-	-	-	-	-	-	-	-	14.6	O	60km. ENE of Taitung H=40km. (1)	
	Hsinkong		iP	24.7 - 2.0 + 1.4 - 1.2 + 18 + 30 - 11 0.5 0.5	-	-	-	-	-	-	-	-	-	07.2	I		
	Taitung		P	25.7 + 2.2 + 3.4 - 22 29 - 1.1 1.6	-	-	-	-	-	-	-	-	-	07.4	O		
	Alishan		eP	36.5	-	-	-	-	-	-	-	-	-	22.6	O		
	Tainan		eP	43.1	-	-	-	-	-	-	-	-	-	17.2	O		
	Taichung		P	56.1	-	-	-	-	-	-	-	-	-	13.3	O		
19	Yushan	13	iP	12 40 14.7 + 7.5 - 12.5	-	-	-	250	250	-	6.4	6.4	-	13.5	I	65km. E. of Taitung E. 121.7° N. 22.6° (s) H=20km.	
	Hsinkong		iP	26.0 - 35.6 + 20.6	-	-	-	1200	1088	-	1.4	1.2	-	07.2	III		
	Taitung		iP	26.6	-	-	-	-	-	-	-	-	-	07.3	II		
	Tawu		iP	30.9 + 9.5 + 13.5 - 29.4	-	-	-	15	127	72	2.1	2.9	2.9	07.9	O		
	Alishan		iP	37.6 - 29.0 + 19.2 - ?	-	-	-	268	180	-	2.1	1.7	-	15.5	I		
	Tainan		iP	42.1 - 6.3 + 7.1 - 38.6	-	-	-	113	200	149	3.8	2.2	2.6	18.0	O		
	Hwalien		iP	43.4	-	-	-	180	187	143	1.6	2.2	0.4	18.8	II		
	Taichung		iP	48.4 ± 0.0 + 4.3 - 12.7	-	-	-	92	127	55	1.9	2.1	1.9	24.0	O		
	Taipei		eP	55.7	-	-	-	-	-	-	-	-	-	30.3	O		
	Ilan		eP	-	-	-	-	67	59	-	1.5	2.1	-	21.3	O		
20	Taichung	14	P	01 33 09.4	-	-	-	1457	1303	-	7.1	7.4	-	3	29.3	O	Si-kong province, China.
	Penghu		iP	10.9 + 5.0 ± 0.0	-	-	-	488	448	-	6.3	3.9	-	3	17.1	O	
	Alishan		iP	12.1 + 7.2 - 12.8 - 8.3	-	-	-	319	359	417	6.2	10.3	10.7	3	26.9	O	

No.	Station	Date	Phase	P. (G.M.T.)	Initial Motion			Maximum Amplitude			Period			P~S	Intensity	Epicenter & Remarks								
					N	E	Z	N	E	Z	N	E	Z											
	Tainan	14	iP	12.6 + 5.1 - 8.3 - 17.1	-	-	-	-	-	-	-	-	-	1582	-	-	8.4	3	38.8	O				
	Taipei		iP	14.1 + 6.7 - 12.0 - ?	-	-	-	-	-	-	-	-	-	1150	1600	650	11.5	15.6	8.5	3	33.4	O		
	Ilan		P	18.8	-	-	-	-	-	-	-	-	-	1430	-	493	8.1	-	6.0	3	35.0	O		
	Hsinkong		iP	21.6	-	-	-	-	-	-	-	-	-	231	317	204	8.2	9.8	10.0	3	39.1	O		
	Hwalien		iP	21.8 + 9.6 - 18.5 - 16.7	-	-	-	-	-	-	-	-	-	319	600	417	6.4	7.7	10.2	3	29.4	O		
	Hengchun		iP	22.8	-	-	-	-	-	-	-	-	-	281	346	143	11.8	9.3	9.2	3	36.6	O		
	Taitung		iP	24.0 + 10.1 - 21.4 - 22.5	-	-	-	-	-	-	-	-	-	45	-	48	4.9	-	8.7	3	46.3	O		
	Tawu		iP	24.1 + 5.4 - 14.9 - 14.7	-	-	-	-	-	-	-	-	-	214	200	150	-	-	-	3	37.0	O		
21	Yushan	15	eP	02 07 12.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	07.3	O	About 33km. WNW of Hsinkong (1)	
	Hsinkong		iP	18.2 + 8.9 - 4.4 + 13.2 + 42 + 23	-	-	-	-	-	-	-	-	-	-	-	0.4	-	-	-	-	04.2	I		
	Alishan		P	28.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0		
	Taichung		P	38.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.9		O
	Hwalien		P	37.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.6		O
	Hwalien		P	37.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.6		O
22	Alishan	15	iP	03 48 46.5 + 7.2 - 6.4 - 3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	10.9	O	West region of Hsinkien province, China.
	Taichung		P	46.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	18.4	O	
	Taipei		P	46.8	-	-	-	-	-	-	-	-	-	350	327	-	15	15	-	6	15.7	O		
	Tainan		P	47.3	-	-	-	-	-	-	-	-	-	70	81	48	9.6	13	13.6	6	19.0	O		
	Hengchun		P	57.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	23.0	O		
	Hwalien		iP	- - 3.2 + 2.2 + 3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	15.6	O		
23	Hwalien	16	P	07 18 55.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	About 80km. E. of Hwalien E. 122.4° N. 24.0°	
	Taipei		eP	51.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.5		O
	Hsinkong		eP	53.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.8		O
	Taitung		eP	19 03.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.4		O
	Taichung		P	03.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.2		O
	Tawu		P	13.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.7		O
	Tainan		eP	16.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.4		O
24	Taipei	17	eP	18 42 24.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	26.0	O	The southern coast of Kamchaka P.
	Ilan		eP	24.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0		
	Hwalien		eP	24.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0		
	Hsinkong		eP	43 41.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	09.3	O	

No.	Station	Date	Phase	P. (G.M.T.)			Initial Motion			Maximum Amplitude			Period			P~S	Intensity	Epicenter & Remarks
				h.	m.	s.	N	E	Z	N	E	Z	N	E	Z			
	Aiishan	25	eP	30	00.0											0		
	Tawu		eP	30.9												08.5		
	Taitung		P	31.8												14.6		

Major Earthquakes Which Occurred in May 1955.

No.	Station	Date	Phase	P. (G.M.T.)			Initial Motion			Maximum Amplitude			Period			P~S	Intensity	Epicenter & Remarks	
				h.	m.	s.	N	E	Z	N	E	Z	N	E	Z				
1	Taipei	1	P	10	00	30.5										4	26.0	E. 144° N. 40° Eastern coast of Northern Honshu, Japan.	
	Hsinkong		eP			46.1										4	31.7		
	Taitung		P			46.7											0		
	Alishan		eP			48.0										4	32.0		
	Tawu		P			54.0										4	34.5		
	Ilan		eP			54.6											0		
	Taichung		eP			57.0											0		
	Hengchun		eP	01	01.0											4	33.5		
	Tainan		eP			04.1										4	19.5		
2	Taipei	1	eP	14	04	36.0										4	24.0	Ditto. After shock.	
	Hsinkong		eP			12.1										4	32.7		
	Taitung		eP			15.2											0		
	Tawu		P			21.0										4	37.9		
	Tainan		eP			23.5											0		
	Hengchun		eP			27.4										4	43.6		
3	Hwalien	11	iP	05	19	46.7					76	158	266	1.1	1.1	1.1	06.5	2	33km. South of Hwalien (I)
	Hsinkong		eP			49.5											03.0	0	
	Alishan		eP			52.0											08.7	0	
	Taichung		eP			57.0											13.3	0	
	Taitung		eP			59.7											14.5	0	
	Ilan		eP			59.7											10.1	0	
	Yushan		eP	20	00.0												08.6	0	
	Taipei		eP			09.1												0	

No.	Station	Date	Phase	P. (G.M.T.)			Initial Motion			Maximum Amplitude			Period			P~S	Intensity	Epicenter & Remarks		
				h.	m.	s.	N	E	Z	N	E	Z	N	E	Z					
4	Hwalien	14	P	06	07	31.2											3	06.4	N. 25.5° E. 138.2° Iwo Is. Region.	
	Ilan		P			42.0											2	37.6		
	Taipei		P			42.5											2	49.1		
	Hsinkong		eP			51.0											2	45.9		
	Taichung		P			54.9											2	57.2		
	Tawu		P			58.3											3	05.7		
5	Hwalien	14	iP	17	52	16.7	+ 13.5	- 16.8				+ 117	- 63	+ 37	1.4	1.4		03.0	2	20km. South of Hwalien.
	Taichung		P			20.6												13.5	0	N. 23.8° E. 121.6° (I)
	Hsinkong		eP			23.9												10.6	0	
	Alishan		eP			28.0												05.2	0	
	Ilan		eP			28.3												06.5	0	
	Taipei		eP			30.0												13.7	0	
6	Alishan	17	eP	14	56	09.0												5	06.4	Near Nicoban Is.
	Hengchun		eP			10.2												5	00.2	N. 7° E. 94.5°
	Tainan		eP			13.0					298	200		158	125			4	15.6	
	Taichung		P			14.1												5	12.8	
	Hsinkong		eP			15.6												4	57.0	
	Hwalien		eP			17.8												5	06.1	
	Taipei		iP			21.6					1210	750		134	145			5	12.6	
	Ilan		eP			25.2					+ 68	- 45	- 35	133	119	148			0	
	Tawu		P			36.5												4	56.4	
	Hsinchu		eP			30.7												4	56.4	
7	Hengchun	18	eP	05	26	35.2						189	177		3.7	4.0		28.9	0	300km. E. of Tawu.
	Taitung		P			41.3												31.3	0	E. 123.9° N. 22.2° (Unfelt)
	Hsinkong		eP			41.9						69	57	45	4.8	4.7	5.4	31.0	0	
	Tawu		P			43.7						80	60			1.9		36.0	0	
	Alishan		eP			52.7												40.0	0	
	Hwalien		P			55.4												34.5	0	
	Tainan		eP			27 00.0												48.5	0	
	Taichung		P			05.1												44.0	0	
	Ilan		eP			09.6						59	48		3.5	3.1		41.0	0	
	Taipei		eP			17.2												45.0	0	

Major Earthquakes Which Occurred in June, 1955.

No.	Station	Date	Phase	P. (G.M.T.)			Initial Motion			Maximun Amplitude			Period			P~S		Intensity	Epicenter & Remarks
				h. m. s.	N	E	Z	N	E	Z	N	E	Z	s	s	s	m		
1	Hwalien	5	iP	06 11 31.0	+34.4	-8.4	-	-2900	+2650	+1330	?	?	?	04.6	4	37km. NE of Hwalien.			
	Ilan		iP	33.4	-500	-50	-	+2024	-	-	1.5	-	-	07.3	3	E. 121.9° N. 24.2° (s)			
	Taipei		iP	39.8	-277.5	+64.5	-300	4000	2400	-	1.9	1.9	-	10.4	3				
	Hsinkong		iP	44.4	+4.6	+5.7	-6.8	310	351	345	3.8	3.8	3.5	17.8	2				
	Alishan		iP	42.7	-5.9	-23.5	-	393	537	-	-	-	-	21.8	2				
	Taichung		iP	45.0	-1.2	36.4	+115.3	-	-	-	-	-	-	13.9	1				
	Hsinchu		P	45.3	-	-	-	2500	2650	-	1.8	1.8	-	12.8	2				
	Tainan		eP	56.2	-	-	-	325	453	287	7.7	4.1	4.6	39.6	0				
	Taitung		P	52.0	-	-	-	-	-	-	-	-	-	20.7	0				
	Hengchun		eP	12 06.1	-	-	-	-	-	-	-	-	-	36.1	0				
Tawu		eP	13-9	-	-	-	151	145	-	-	-	-	31.4	0					
2	Hwalien	5	P	06 19 09.3	-	-	-	174	142	-	2.0	2.3	-	06.8	0	45km. N. of Hwalien.			
	Ilan		eP	10.1	-	-	-	338	-	-	1.7	-	-	07.4	1	N. 24.3° E. 121.6° (s)			
	Hsinkong		P	19.5	-	-	-	-	-	-	-	-	-	0	0				
	Taichung		P	22.4	-	-	-	-	-	-	-	-	-	13.4	0				
	Yushan		P	23.6	-5.0	-	-	470	-	-	0.8	-	-	15.4	3				
	Alishan		eP	24.2	-	-	-	-	-	-	-	-	-	18.5	0				
	Taipei		P	26.9	-	-	-	-	-	-	-	-	-	10.4	0				
	Hsinchu		eP	33.3	-	-	-	-	-	-	-	-	-	12.7	0				
3	Ilan	5	eP	03 00 00.0	-	-	-	-	-	-	-	-	-	07.2	0	47km. NE of Hwalien. (Unfelt)			
	Hwalien		P	00.8	-	-	-	-	-	-	-	-	-	07.6	0				
	Taipei		P	09.3	-	-	-	-	-	-	-	-	-	10.4	0				
	Taichung		P	15.7	-	-	-	-	-	-	-	-	-	14.6	0				
	Hsinkong		eP	14.7	-	-	-	-	-	-	-	-	-	16.8	0				
	Alishan		eP	13.2	-	-	-	-	-	-	-	-	-	15.6	0				
	Hsinchu		P	29.4	-	-	-	-	-	-	-	-	-	13.2	0				
	4	Hwalien	5	P	12 13 45.1	-	-	-	43	52	203	-	-	-	06.5	1	44km. NE of Hwalien. (1)		
Taipei			eP	55.1	-	-	-	-	-	-	-	-	-	10.5	0				
Taichung			P	57.4	-	-	-	-	-	-	-	-	-	15.1	0				
Hsinkong			eP	14 00.2	-	-	-	-	-	-	-	-	-	14.8	0				

No.	Station	Date	Phase	P. (G.M.T.)			Initial Motion			Maximun Amplitude			Period			P~S		Intensity	Epicenter & Remarks	
				h. m. s.	N	E	Z	N	E	Z	N	E	Z	N	E	Z	s			m
	Hsinchu	5	P	15.1	-	-	-	-	-	-	-	-	-	-	-	-	12.3	0		
	Ilan		eP	13 51.2	-	-	-	-	-	-	-	-	-	-	-	-	07.3	0		
5	Ilan	7	eP	00 53 03.4	-	-	-	-	-	-	58	57	-	3.8	2.8	-	3	50.6	0	N. 32° E. 98°
	Taipei		eP	05.6	-	-	-	-	-	-	-	-	-	-	-	-	3	28.9	0	The Border between the Sichuang and Si-kong provinces.
	Taichung		eP	06.8	-	-	-	-	-	-	-	-	-	-	-	-	3	31.6	0	
	Tainan		eP	07.0	-	-	-	-	-	-	-	-	-	-	-	-	3	23.5	0	
	Hengchun		eP	11.3	-	-	-	-	-	-	-	-	-	-	-	-	3	37.6	0	
	Hsinkong		eP	14.5	-	-	-	-	-	-	-	-	-	-	-	-	3	44.0	0	
	Hwalien		eP	15.1	-	-	-	-	-	-	68	67	-	11.8	7.4	-	3	40.5	0	
	6	Ilan	11	eP	10 38 16.8	-	-	-	-	-	-	-	-	-	-	-	-	17.5	0	50km. SE of Taitung (Unfelt)
Tawu			iP	22.5	-2.8	+3.9	-	-	-	24	23	-	0.7	0.7	-	-	07.1	0		
Taitung			P	26.9	-	-	-	-	-	-	-	-	-	-	-	-	05.4	0		
Hsinkong			eP	29.2	-	-	-	-	-	-	-	-	-	-	-	-	12.0	0		
Tainan			eP	40.0	-	-	-	-	-	-	-	-	-	-	-	-	0	0		
Alishan			eP	43.5	-	-	-	-	-	-	-	-	-	-	-	-	20.7	0		
Hwalien			P	48.4	-	-	-	-	-	-	-	-	-	-	-	-	18.5	0		
Taichung			P	51.7	-	-	-	-	-	-	-	-	-	-	-	-	22.6	0		
7	Ilan	13	P	19 17 40.0	-9.5	-7.6	-12.7	-431	+477	+187	2.1	2.1	2.0	11.6	1	50km. E. of Hwalien.				
	Hwalien		P	41.6	-	-	-	-374	-481	+389	2.1	2.1	1.6	09.2	2	N. 23.9° E. 122.1° (s)				
	Hsinkong		iP	49.5	+2.1	+4.2	44	46	-	-	0.8	0.9	-	15.2	1					
	Taipei		iP	50.7	+12	-3	+13	300	370	160	2.0	2.0	3.0	16.0	1					
	Alishan		eP	-	-	-	-	-	-	-	-	-	-	17.5	0					
	Taichung		P	53.8	-	-	-	360	306	122	2.8	2.3	2.9	17.1	0					
	Hsinchu		P	54.0	-	-	-	-	-	-	-	-	-	17.9	1					
	Taitung		P	55.9	-	-	-	-	-	-	-	-	-	15.5	0					
	Hengchun		eP	18 00.0	-	-	-	-	-	-	-	-	-	23.0	0					
	Tawu			02.0	-	-	-	-	-	-	-	-	-	24.0	0					
Tainan		eP	05.8	-	-	-	-	-	-	-	-	-	25.1	0						
Penghu		P	12.6	-	-	-	-	-	-	70	60	-	2.3	1.7	-	10.9	0			
8	Tawu	14	iP	13 17 33.3	-	-	-	-	-	-	-	-	-	-	-	-	3	39km. ESE of Tawu.		
	Taitung		P	34.9	-	-	-	-	-	-	-	-	-	-	-	-	07.5	0	N. 22.2° E. 121.2°	

No.	Station	Date	Phase	P. (G.M.T.)	Initial Motion			Maximum Amplitude			Period			P ~ S	Intensity	Epicenter & Remarks	
					N	E	Z	N	E	Z	N	E	Z				
					μ	μ	μ	μ	μ	μ	s	s	s				m
	Hsinkong	14	P	41.1										08.2 0	(1)		
	Tainan		iP	45.4	- 3.6	+ 4.8	- 22.9							14.6 0			
	Hengchun		P	54.4	- ?	- ?	+ ?							07.5 1			
	Alishan		iP	57.2	- 11.2	+ 6.1	?							16.7 0			
	Taichung		P	58.4										22.6 0			
	Yushan		eP	18 00.0										19.2 0			
	Ilan		eP	09.5				+ 26	- 25		1.9	1.9		27.0 0			
	Hsinchu		P	16.2										34.8 0			
	Taipei		eP	16.3										34.0 0			
	Hwalien		P	59.9										22.4 0			
9	Taitung	17	iP	03 06	45.2	+ 4.3	- 5.6	+ 5.1						04.8 3	40km. ESE of Taitung N. 22.5° E. 121.4°		
	Tawu		iP		45.5	+ 33.3	- 42.1	+ 34.1			444			06.6 2			
	Hsinkong		iP		46.9	+ 362	- 92	+ 520	1800	1750	1500	2.0	2.2	2.0	08.1 3		
	Hengchun		iP		50.4	- 58.2	- 19.0	+ 26.4			718			3.2	11.5 2		
	Yushan		P		52.0		- 12.5				963		5.1		14.1 3		
	Alishan		iP		56.4	+ 39.3	- 24.4	+ 54.5			1018				16.4 3		
	Tainan		iP	07 00.1	- 14.5	+ 14.5	- 51.4		1175	925	65	3.9	3.4	3.2	18.0 1		
	Taichung		iP		07.4	+ 11.9	- 1.1	+ 40.2	804	972	776	3.7	2.8	3.1	24.3 1		
	Ilan		iP		15.5	- 16	- 17	- 34.5	+ 36.3				1.5		29.4 1		
	Penghu		iP		15.5				- 250	- 315		2.7	3.2		14.1 0		
	Hsinchu		eP		16.0				+ 330	+ 360		3.6	5.1		28.6 1		
	Taipei		iP		16.0				260	265	105	1.6	1.7	2.0	33.0 1		
10	Hsinkong	18	iP	16 07	31.6	+ 69.12	- 42.25			1625	1675	1375	1.5	1.7	1.2	04.3 3	30km. NE of Hsinkong. N. 23.3° E. 121.2° (s)
	Yushan		iP		37.0	- 62.5	+ 50.0								02.4 3		
	Taitung		iP		38.5										06.3 0		
	Hwalien		iP		39.5	+ 41.2	+ 18.4	+ 38.3	- 1650	- 1050	- 900				10.3 3		
	Alishan		iP		39.9	- 44.9	+ 164.6	- 100.0							06.4 3		
	Tawu		P		41.5				178	213	98	1.0			13.4 0		
	Taichung		iP		44.9	- 41.7		- 1207	1951	1569	1207	1.8	1.8	2.2	17.8 1		
	Tainan		iP		46.8	- 2.4	- 6.0	+ 15.7	7	825	65	2.9	2.9	2.9	15.9 1		
	Hsinchu		P		52.9				510	940	400	2.3	2.1	2.3	22.9 2		
	Ilan		iP		53.0	- 28.5	- 5.7	- 7.6			419			1.8	24.0 2		
	Taipei		P	08 05.2					840	650	334	1.7	1.2	2.3	23.0 2		

No.	Station	Date	Phase	P. (G.M.T.)	Initial Motion			Maximum Amplitude			Period			P ~ S	Intensity	Epicenter & Remarks	
					N	E	Z	N	E	Z	N	E	Z				
					μ	μ	μ	μ	μ	μ	s	s	s				m
11	Hwalien	20	P	12 16 42.0											7 23.2 0	N. 51.5° E. 180°	
	Alishan		eP	44.0											7 20.0 0	Aleutian Is.	
	Hsinkong		eP	49.1											7 26.2 0		
	Tainan		P	51.4											— 0		
	Tawu		P	58.9											7 31.2 0		
	Taichung		eP	17 00.0											— 0		
	Taipei		eP	17 ?											8 ? 0		
12	Hsinkong	21	eP	02 14 50.9						96	67		1.4	1.4		09.0 0	55km. ENE of Tawu
	Hengchun		eP	57.7												10.5 0	
	Yushan		eP	15 00.0												— 0	
	Alishan		eP	00.8												24.0 0	
	Tainan		eP	03.3												23.6 0	
	Hwalien		P	10.9					45	46	47	2.8	1.9	3.3		14.6 0	
	Taichung		eP	12.2												25.6 0	
	Tawu		P	22.8					65	62		2.6	2.9			07.0 0	
	Ilan		eP	24.8												24.0 0	
	Taipei		eP	32.5												25.0 0	
13	Ilan	27	eP	16 16 38.9											4 02.3 0	N. 7° E. 137.5°	
	Hengchun		eP	42.7												4 01.2 0	Caroline Is. Region.
	Hwalien		P	59.1												4 13.0 0	
	Taipei		eP	17 10												4 22.6 0	
14	Ilan	29	eP	23 38 20.8												14.5 0	55km. S. of Hwalien. N. 23.5° E. 121.5°
	Hsinkong		eP	44.2						55	92	31	0.5	0.7	0.5	06.2 1	
	Hwalien		P	44.4						153	142		1.5	1.3		08.0 1	
	Alishan		iP	50.4	- 11.2	- 12.2	- 36.4									09.8 0	
	Taichung		iP	54.4	- 2.4	+ 3.4	- 14.1									13.0 0	
	Taipei		eP	57.5												22.7 0	
	Tawu		P	59.3												17.0 0	
	Hsinchu		eP	39 00.2												18.5 0	
	Tainan		eP	02.5												15.3 0	



地震季報

第二卷 第三號

中華民國四十四年七、八、九月

THE SEISMOLOGICAL BULLETIN

OF

TAIWAN WEATHER BUREAU

for

July to September, 1955.

VOL. II No. 3

臺灣省氣象所

Published by Department of Seismology,
TAIWAN WEATHER BUREAU
64, Kung Yuan Road, Taipei, Taiwan
China

GENERAL ASPECT OF EARTHQUAKES

July to September, 1955

7) In July, the number of occurrence of earthquakes has a decrease of fifty six cases in comparison to the previous month which was amounted up to a figure of one hundred and seventy-six. Among them, eight were classified as felt earthquakes and the remains were unfelt ones. The felt earthquakes in this month, two were classified as moderate earthquakes which one of them occurred in Hwalien district, and the other in Hengchun district. The other six earthquakes were local ones. Among these unfelt earthquakes, only five distant earthquakes were recorded in Taiwan.

8) In August, the number of occurrence of earthquakes were recorded one hundred and one and has a decrease in comparison with the month of July. Among them, eight classified as felt earthquakes and the rest were unfelt ones. The felt earthquakes in this month, were all classified as local earthquakes and their epicenters were located five in Hwalien district, two in Taitung district, the last one in northern district. The distant earthquakes were recorded in this month was six.

9) In September, one hundred and ninety-two earthquakes were recorded in Taiwan. Thirteen of them were classified as felt earthquakes and the magnitude of these earthquakes two were classified as moderate ones, two as small felt area, and the remains were classified as local ones. Among those felt earthquakes, eleven were occurred in Hwalien district, the rest were occurred in Taitung district. The moderate earthquakes in this month, one was happened on 22nd at 74 kms. E. of Hwalien, and the other was happened on 24th at 40 kms. SE. of Taitung and their shocks were almost felt by all in Taiwan. The distant earthquakes were recorded in this month, was eleven.

No.	Date	Time	Locality	Magnitude	Intensity	Remarks
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

No.	Date	Time	Locality	Magnitude	Intensity	Remarks
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						
48						
49						
50						



地震季報

第三卷 第二期

中華民國四十四年九月

THE SEISMOLOGICAL BULLETIN

OF

TAIWAN WEATHER BUREAU

for

July to September, 1955

VOL. III No. 2

臺灣氣象季報

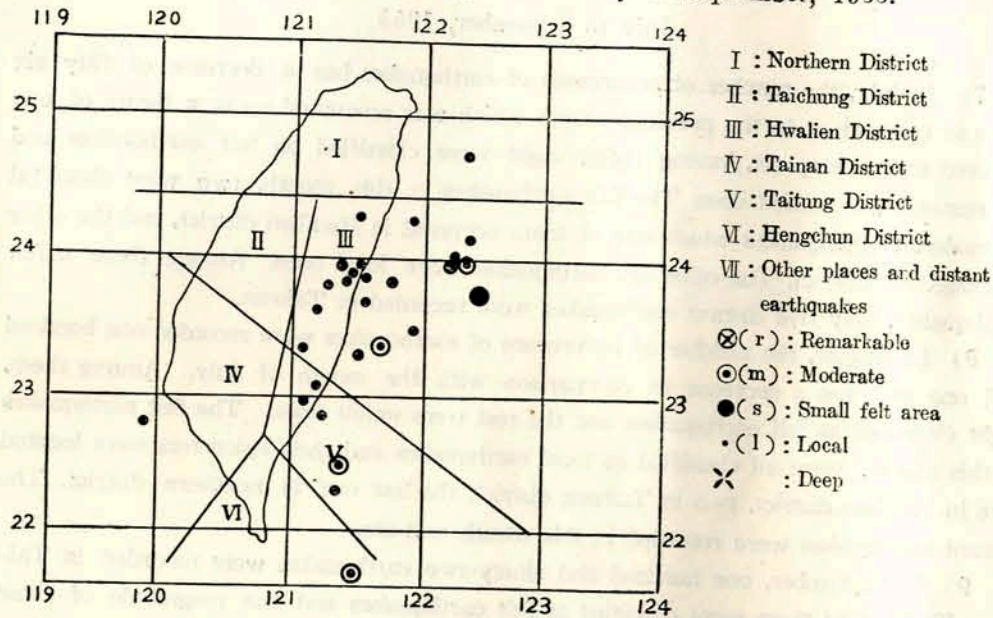
Published by Department of Meteorology

TAIWAN WEATHER BUREAU

of Formosa, Republic of China

China

Epicenter of Felt Earthquakes in July to September, 1955.



Number of earthquakes classified according to its Magnitude and districts July to September, 1955,

Districts	Number of felt earthquakes					Number of Unfelt Earthquakes	Total
	Remarkable	Moderate	Small felt area	Local	Total		
Northern District	—	—	—	1	1	52	53
Taichung District	—	—	—	—	—	11	11
Hwalien District	—	2	2	17	21	104	125
Tainan District	—	—	—	1	1	4	5
Taitung District	—	1	—	4	5	170	175
Hengchun District	—	1	—	—	1	17	18
Other Places	—	—	—	—	—	25	25
Total	—	4	2	23	29	383	412

Felt earthquakes in the month of July to September, 1955.

No.	Month	P. (G. M. T.)	Magnitude	Epicenter	Latitude	Longitude	Depth.
		d. h. m.			N.	E.	kms.
65	July.	3 02 40	1	18kms WSW. of Hwalien.	—	—	20
66	"	6 16 03	1	32kms SW. of Tainan.	—	—	20

No.	Month	P. (G. M. T.)	Magnitude	Epicenter	Latitude	Longitude	Depth.
		d. h. m.			N.	E.	kms.
67	July.	14 15 48	1	60kms. E. of Hwalien.	—	—	20
68	"	15 23 02	1	20kms. SW. of Hsinkong.	—	—	20
69	"	17 22 38	m	165kms. SE. of Hengchun	21.1°	122.1°	60
70	"	18 10 24	1	63kms. SE. of Hwalien.	—	—	60
71	"	19 03 00	1	26kms. ESE. of Hwalien.	—	—	20
72	"	24 16 20	m	47kms. NE. of Hsinkong.	23.3°	121.8°	40
73	Aug.	1 23 33	1	28kms. S of Hsinkong.	—	—	20
74	"	2 00 01	1	100kms. E. of Hwalien.	—	—	20
75	"	4 17 13	1	Near Hwalien.	—	—	0-10
76	"	6 10 02	1	Near Hsinkong.	—	—	0-10
77	"	4 21 30	1	34kms. NW. of Hsinkong.	—	—	20
78	"	19 02 30	1	15kms. NW. of Hwalien.	—	—	0-10
79	"	23 09 23	1	63kms. E. of Ilan.	—	—	40
80	"	25 20 25	1	45kms. E. of Alishan.	—	—	0-10
81	Sept.	2 03 49	1	Near Hwalien.	—	—	10
82	"	8 16 12	1	Near Hwalien.	—	—	10
83	"	12 00 40	1	35kms. NNE. of Hsinkong.	—	—	0-10
84	"	17 02 53	1	Near Hwalien.	—	—	10
85	"	17 09 50	1	20kms. SSE. of Hwalien.	—	—	20
86	"	18 17 57	1	47kms. SSE. of Ilan.	—	—	0-10
87	"	22 03 25	m	74kms. E. of Hwalien.	24.0°	122.3°	0-10
88	"	22 03 37	s	"	"	"	"
89	"	23 19 17	s	83kms. SSE. of Hwalien.	23.9°	122.4°	20
90	"	23 20 53	1	86kms. ENE. of Hwalien.	—	—	0-10
91	"	24 10 21	m	40kms. SE. of Taitung.	22.4°	121.4°	0-10
92	"	26 21 42	1	45kms. N. of Hwalien.	—	—	0-10
93	"	28 04 23	1	54kms. E. of Tawu.	—	—	0-10

Unfelt Earthquakes in the Month of July to September, 1955.

No.	Month	P. (G. M. T.)	Epicenter	No.	Month	P. (G. M. T.)	Epicenter
		d. h. m.				d. h. m.	
784	July.	1 09 29	Hengchun District	787	July.	2 09 58	50kms. SE. of Hwalien
785	"	2 00 42	Hwalien District	788	"	2 11 22	67kms. SE. of Hwalien
786	"	2 01 01	50kms. SE. of Hsinchu	789	"	2 13 00	55kms. SE. of Taitung

No.	Month	P.			Epicenter	No.	Month	P.			Epicenter
		(G.	M.	T.)				(G.	M.	T.)	
		d.	h.	m.			d.	h.	m.		
790	July.	2	14	57	Near Hsinkong	824	July.	14	14	47	Near Hsinkong
791	"	2	16	03	Taitung District	825	"	14	15	06	"
792	"	4	14	28	Taichung District	826	"	14	22	33	40kms. W. of Hengchun
793	"	5	00	42	Near Hsinkong	827	"	15	16	42	Near Hsinkong
794	"	5	01	29	"	828	"	15	17	41	"
795	"	5	05	10	"	829	"	16	07	19	Hwalien District
796	"	5	10	33	13kms. ESE. of Alishan	830	"	17	02	30	Near Hsinkong
797	"	5	10	38	"	831	"	17	13	12	Near Hwalien
798	"	5	10	43	"	832	"	17	14	01	Hwalien District
799	"	5	10	45	Northern District	833	"	17	22	23	Taichung District
800	"	5	10	57	Near Alishan	834	"	18	00	17	Near Hsinkong
801	"	5	11	00	"	835	"	18	02	50	Near Hwalien
802	"	5	21	17	Northern District	836	"	18	15	54	Taitung District
803	"	6	00	43	Near Hsinkong	837	"	18	17	41	Near Hsinkong
804	"	6	02	01	Taitung District	838	"	19	05	08	Near Hwalien
805	"	6	16	55	Near Hsinkong	839	"	19	08	42	Near Hsinkong
806	"	7	03	10	85kms. E. of Hwalien	840	"	20	02	28	Taitung District
807	"	7	03	14	19kms. E. of Tawu	841	"	20	02	53	50kms. SE. of Taitung
808	"	7	05	08	Hwalien District	842	"	20	06	24	Near Hsinkong
809	"	7	07	55	23kms. NE. of Hsinkong	843	"	20	07	59	Taitung District
810	"	7	08	53	Near Hsinkong	844	"	20	08	15	Near Hsinkong
811	"	7	14	29	"	845	"	20	18	14	"
812	"	8	02	21	Hengchun District	846	"	21	02	54	42kms. ENE. of Tainan
813	"	8	05	32	Near Hsinkong	847	"	21	08	59	Near Hsinkong
814	"	8	18	49	33kms. S. of Hwalien	848	"	21	11	31	"
815	"	8	19	08	Java Sea	849	"	21	11	32	"
816	"	11	02	46	Taitung District	850	"	21	14	22	40kms. E. of Tawu
817	"	13	04	02	43kms. ENE. of Tawu	851	"	21	20	11	Near Hsinkong
818	"	13	04	09	Taitung District	852	"	21	10	18	Near Taitung
819	"	13	04	10	"	853	"	22	11	08	Near Hsinkong
820	"	13	23	06	18kms. NE. of Hwalien	854	"	22	12	34	Hengchun
821	"	14	02	55	25kms. E. of Yu-Shan	855	"	22	13	20	27kms. SE. of Hsinkong
822	"	14	04	16	Near Hsinkong	856	"	22	18	37	Taitung District
823	"	14	10	02	Nicobar Islands	857	"	22	23	43	Hwalien District

No.	Month	P.			Epicenter	No.	Month	P.			Epicenter
		(G.	M.	T.)				(G.	M.	T.)	
		d.	h.	m.			d.	h.	m.		
853	July.	23	14	00	Negros Island, P. I.	892	July.	31	05	48	Taitung District
859	"	23	15	13	Taitung District	893	"	31	07	42	"
860	"	23	23	51	"	894	"	31	08	01	Near Tawu
861	"	24	01	16	30kms. SE. of Taitung	895	"	31	22	44	Near Hsinkong
862	"	24	01	44	Taitung District	896	August	1	07	22	Hengchun District
863	"	24	02	50	Near Hsinkong	897	"	1	18	47	37kms. ENE. of Hsinkong
864	"	24	08	19	88kms. E. of Taitung	898	"	2	07	35	100kms. E. of Hwalien
865	"	24	08	29	"	899	"	2	10	19	Northern District
866	"	24	10	09	Near Hwalien	900	"	2	21	49	Hwalien District
867	"	24	11	06	Southern Honshu, Japan	901	"	2	22	51	Northern District
868	"	24	11	41	20kms. SW. of Taitung	902	"	3	03	39	Near Taitung
869	"	24	11	54	Near Hsinkong	903	"	3	17	12	Taitung District
870	"	24	12	53	Taitung District	904	"	3	23	50	Sikang Province, China.
871	"	24	13	18	"	905	"	4	03	38	34kms. N. of Tainan
872	"	24	21	34	Northern District	906	"	4	09	12	Taitung District
873	"	25	00	39	37kms. W. of Hsinkong	907	"	4	13	05	Near Hsinkong
874	"	25	02	26	Hwalien District	908	"	4	14	18	298kms. E. of Taipei
875	"	25	03	08	Near Hsinkong	909	"	4	15	16	Hwalien District
876	"	25	22	13	Northern District	910	"	4	15	25	450kms. E. of Ilan
877	"	26	03	41	32kms. N. of Hwalien	911	"	4	16	08	90kms. E. of Ilan
878	"	26	15	23	Northern District	912	"	5	15	18	Near Hsinkong
879	"	26	16	41	"	913	"	5	17	01	20kms. ENE. of Taitung
880	"	27	01	24	Shikoku, Japan.	914	"	5	21	56	105kms. ENE. of Ilan
881	"	27	05	26	Hwalien District	915	"	5	23	10	Near Hsinkong
882	"	27	10	21	Near Hwalien	916	"	6	02	12	"
883	"	27	13	41	"	917	"	6	04	46	Hengchun District
884	"	28	04	28	Near Hsinkong	918	"	6	05	08	75kms. ENE. of Ilan
885	"	28	17	35	"	919	"	6	08	42	Tonga Islands region
886	"	29	15	53	"	920	"	6	15	59	Near Hwalien
887	"	29	23	40	"	921	"	6	21	24	Hwalien District
888	"	30	12	23	Hengchun District	922	"	7	16	27	Near Hsinkong
889	"	30	14	17	Near Hwalien	923	"	7	17	59	"
890	"	31	01	50	57kms. E. of Ilan	924	"	11	10	29	Near Hsinkong
891	"	31	05	14	Taitung District	925	"	11	14	20	Northern District

No.	Month	P. (G. M. T.)			Epicenter	No.	Month	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
926	August	12	03	01	205kms. E. of Isigaki, Island	960	August	20	03	11	Near Hsinkong
927	"	13	06	08	Near Hsinkong	961	"	20	09	25	65kms. NE. of Hwalien
928	"	13	13	01	Northern District	962	"	20	10	55	Near Ilan
929	"	13	13	05	"	963	"	20	14	52	86kms. E. of Taipei
930	"	13	13	12	"	964	"	20	16	21	Hengchun District
931	"	13	13	26	139kms. E. of Hwalien	965	"	20	16	44	Near Hsinkong
932	"	13	15	33	290kms. ESE. of Hwalien	966	"	20	17	16	"
933	"	13	15	42	"	967	"	20	23	18	Near Ilan
934	"	13	15	57	50kms. E. of Yonakuni Island	968	"	21	02	32	Near Hsinkong
935	"	13	16	23	Northern District	969	"	21	08	25	76kms. ENE. of Ilan
936	"	13	17	13	"	970	"	21	16	16	24N, 96 1/2 E. Burma
937	"	14	15	24	Near Hsinkong	971	"	21	17	40	3S., 137 1/2 E. New. Guinea
938	"	14	16	31	"	972	"	22	05	04	Northern District
939	"	15	14	05	"	973	"	22	06	35	"
940	"	14	16	55	Assam, India	974	"	22	08	23	70kms. ENE. of Tawu
941	"	16	03	43	Near Hsinkong	975	"	23	19	11	Near Hsinkong
942	"	16	11	55	Solomn Islands 6S., 155E.	976	"	24	00	31	"
943	"	16	12	12	Near Hsinkong	977	"	25	19	44	40kms. SW. of Hwalien
944	"	17	09	37	"	978	"	27	02	37	Near Tawu
945	"	18	01	06	Hwalien District	979	"	27	15	08	Near Hwalien
946	"	18	02	39	"	980	"	27	15	12	"
947	"	18	03	55	Near Tawu	981	"	28	04	34	"
948	"	18	04	46	220kms. NE. of Ilan.	982	"	28	04	36	Near Hwalien
949	"	18	11	40	"	983	"	28	19	09	Near Hsinkong
950	"	18	12	08	124kms. E. of Ilan	984	"	29	10	32	35kms. SSE. of Hwalien
951	"	18	13	06	Near Hsinkong	985	"	30	04	15	Near Hsinkong
952	"	18	15	04	Northern District	986	"	30	05	56	66kms. SE. of Hwalien
953	"	18	17	44	60kms. ENE. of Ilan	987	"	30	17	39	Hengchun District
954	"	18	18	08	64kms. ENE. of Ilan	988	"	31	20	46	Near Hsinkong
955	"	18	18	57	"	989	Sept.	1	03	36	Taitung District
956	"	18	19	31	"	990	"	1	11	13	Northern District
957	"	19	00	04	"	991	"	1	11	46	50kms. SE. of Ilan
958	"	19	23	45	122kms. ESE. of Hwalien	992	"	2	05	49	Near Hsinkong
959	"	19	23	50	1101 n.s. ESE. of Hwalien	993	"	2	14	31	40kms. E. of Tainan

No.	Month	P. (G. M. T.)			Epicenter	No.	Month	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
994	Sept.	2	14	39	Near Hwalien	1028	Sept.	12	22	45	Taitung District
995	"	2	16	01	Taitung District	1029	"	13	03	25	Near Hsinkong
996	"	2	20	16	Near Hsinkong	1030	"	13	03	39	"
997	"	2	23	09	76kms. NE. of Ilan	1031	"	13	08	10	40Kms NNW. of Hwalien
998	"	3	15	53	Near Hwalien	1032	"	13	16	15	Near Hsinkong
999	"	3	16	27	1N., 123E. Celebes	1033	"	14	08	30	Near Alishan
1000	"	3	20	57	Near Hsinkong	1034	"	14	09	13	58Kms SSE. of Hwalien
1001	"	4	00	10	"	1035	"	14	16	07	Near Hwalien
1002	"	5	02	30	"	1036	"	15	12	30	5S., 134 1/2 off Coast of western New Guinea. Mag 6 3/4 (Pas)
1003	"	5	08	40	Near Hwalien	1037	"	16	05	31	Near Hsinkong
1004	"	5	12	02	Near Hsinkong	1038	"	16	10	12	Taitung District
1005	"	5	20	35	Near Hwalien	1039	"	17	21	40	Near Hsinkong
1006	"	7	06	08	90kms. SSE. of Hengchun	1040	"	17	23	13	"
1007	"	7	11	14	137kms. ENE. of Hwalien	1041	"	18	00	52	137kms. E. of Ilan.
1008	"	8	03	35	7S., 155 1/2 E. Solomon Islands.	1042	"	18	11	52	Near Hsinkong
1009	"	8	04	50	Northern District	1043	"	18	17	25	"
1010	"	8	07	01	Near Hsinkong	1044	"	18	20	30	Near Tawu
1011	"	8	13	14	40kms. ENE. of Tawu	1045	"	18	23	43	Northern District
1012	"	8	20	37	Near Hwalien	1046	"	18	23	11	"
1013	"	9	09	48	2S., 100E. Near South Coast, of Sumatra	1047	"	19	04	12	26 1/2 N., 129E. Ryukyu Islands.
1014	"	9	15	41	Near Taitung	1048	"	19	13	10	Near Hwalien
1015	"	9	16	29	Distance (Faint)	1049	"	19	16	23	Near Hsinkong
1016	"	10	04	51	Near Hwalien	1050	"	20	04	06	"
1017	"	10	21	08	10N., 123E. Negros Island, P. I.	1051	"	21	02	03	Taiwan District
1018	"	11	00	32	75kms. SE. of Ilan.	1052	"	21	06	26	Hengchun District
1019	"	11	12	20	Northern District	1053	"	21	09	47	Near Hsinkong
1020	"	11	18	02	7S., 155E. Solomon Islands.	1054	"	21	12	09	30kms. ESE. of Hengchun
1021	"	11	20	02	Taitung District	1055	"	21	17	37	40kms. SSE. of Hwalien
1022	"	11	22	05	Tawu District	1056	"	21	19	50	25kms. N. of Hsinkong
1023	"	12	00	40	Taitung District	1057	"	21	20	41	Near Hsinkong
1024	"	12	06	21	32 1/2 N., 30E. off Coast of Egypt. Mag 6 1/4 (Pas)	1058	"	22	00	34	32kms. NNW. of Hwalien
1025	"	12	08	13	Near Hsinkong	1059	"	22	01	19	Northern District
1026	"	12	19	13	"	1060	"	22	01	24	Near Ilan
1027	"	12	20	23	"	1061	"	22	01	25	Northern District

No.	Station	Date	Phase	P. (G.M.T.)	Initial Motion			Maximum Amplitude			Period			P~S	Intensity	Epicenter & Remarks	
					N	E	Z	N	E	Z	N	E	Z				
					h.	m.	s.	s	s	s	m	s	s				
3	Hwalien	7	P	03 10 32.2				+ 32	+ 41	- 38	3.1	3.3	?	10.0	O	85kms. E. of Hwalien (unfelt) H=40kms	
	Ilan		P	35.1				+ 26	- 26		1.7	1.3		11.2	O		
	Hsinkong		eP	39.9										14.3	O		
	Taipei		P	41.7										18.4	O		
	Hsinchu		eP	47.0										29.7	O		
	Yu-shan		eP	48.0										0			
	Alishan		eP	50.9										8.7	O		
	Taichung		eP	59.6										20.3	O		
	Taitung		P	11 5.6										3.3	O		
	Tawu		P	12.9										12.6	O		
Taian		eP	21.5										0				
4	Hengchun	8	P	19 03 32.7										0	O	Java Sea. 5S. 110E. H=600kms (d)	
	Tawu		P	35.6										0	O		
	Tainan		eP	39.5										0			
	Hsinkong		eP	41.6										05	19.3		O
	Ilan		eP	48.6										05	27.9		O
	Taichung		eP	52.0										0			
	Taipei		eP	57.8										05	30.2		O
5	Tainan	14	eP	10 02 21.9										0	O	? Faint (d)	
	Taipei		eP	05 31.8										0			
	Hengchun		eP	06 20.6										0			
	Taichung		eP	03 1.7										0			
	Tawu		eP	54.8										0			
6	Taichung	14	P	15 48 29.4										0	O	60kms. E. of Hwalien H=20kms. (l)	
	Ilan		eP	46.3										10.3	O		
	Hsinkong		eP	47.8										7.3	O		
	Hwalien		eP	48.0										6.8	I		
7	Hsinkong	15	eP	23 02 39.8	- 6.7	- 6.8		43	56		0.4	0.4		3.7	I	20kms. SW. of Hsinkong H=20ms. (l)	
	Hwalien		P	51.0										12.8	O		
	Taitung		P	51.1										4.4	O		
	Taichung		e	03 6.8										10.6	O		

No.	Station	Date	Phase	P. (G.M.T.)	Initial Motion			Maximum Amplitude			Period			P~S	Intensity	Epicenter & Remarks	
					N	E	Z	N	E	Z	N	E	Z				
					h.	m.	s.	s	s	s	m	s	s				
8	Hengchun	17	iP	23 33 0.0	- 17.4	+ 8.1	(-)								16.3	O	165kms. SE. of Hengchun 21.1N 122.1E H=60kms. (m)
	Tawu		P	16.7											17.8	O	
	Hsinchu		eP	22.4											0		
	Taitung		P	23.6											13.1	O	
	Hsinkong		iP	25.8	- 7.9	+ 4.6	- 4.8	25	35	22	0.6	0.6	0.4	23.5	I		
	Tainan		P	29.8	- 4.8	± 0	- 18.6								25.0	O	
	Alishan		P	34.4											28.9	O	
	Hwalien		P	38.8				+ 33	- 28	- 20	2.5	3.1	?	30.6	O		
	Taichung		eP	44.7											37.1	O	
	Taipei		eP	57.9											39.5	O	
Ilan		eP	39 11.3											37.5	O		
9	Hwalien	18	iP	10 24 24.4	+ 3.7	- 3.2	+ 20.9	- 136	+ 194	+ 214	1.4	1.4	1.2	8.0	II	63kms. SE. of Hwalien H=60kms (l)	
	Hsinkong		iP	27.5	+ 3.4	- 3.4	+ 7.2	43	57	31	0.7	0.7	0.5	9.7	I		
	Taipei		eP	23.0										0			
	Ilan		eP	28.3										14.7	O		
	Taichung		P	33.9										14.9	O		
	Hsinchu		eP	39.6										16.9	O		
	Tainan		eP	46.7										25.6	O		
	Hengchun		eP	25 0.8										0			
10	Hwalien	19	P	03 00 10.6				+ 25	+ 16	- 51	?	?	?	4.3	I	26kms. ESE. of Hwalien H=20kms. (l)	
	Taichung		eP	23.1										13.3	O		
11	Taitung	20	P	02 58 8.8											11.0	O	50kms. SE. of Taitung H=20kms. (unfelt)
	Hsinkong		iP	10.8	+ 5.7	?	+ 7.0	59	53	37	0.6	0.6	0.7	8.6	O		
	Tawu		P	13.9				28	36	32	2.1	2.9	3.0	7.3	O		
	Yusban		eP	18.0										0			
	Alishan		eP	20.2										12.6	O		
	Tainan		eP	24.4										17.9	O		
	Hwalien		eP	30.6				- 18	+ 25	+ 13	1.8	1.7	1.5	18.2	O		
	Taichung		eP	39.6										33.6	O		
	Hengchun		eP	41.0										10.6	O		
	Ilan		eP	51.7										14.5	O		
Taipei		eP	59 0.4										17.0	O			

Major Earthquakes which Occurred in September, 1955.

No.	Station	Date	Phase	P. (G.M.T.)	Initial Motion			Maximum Amplitude			Period			P~S	Intensity	Epicenter & Remarks	
					N	E	Z	N	E	Z	N	E	Z				
					h.	m.	s.	μ	μ	μ	μ	μ	μ				s
1	Hwalien	2	iP	03 59 58.9	(+)	(+)	- 4.6	+ 63	+ 38	+ 152	-	0.2	-	1.8	I	Near Hwalien (l)	
2	Penghu	3	P	16 27 58.4	-	-	-	- 125	+ 80	-	4.0	2.9	- 03	49.4	O	1N., 123E. Celebes (d)	
	Tawu		P	53.8	-	-	-	-	-	-	-	-	- 03	46.9	O		
	Hengchun		P	59.2	-	-	-	-	-	-	-	-	- 03	39.2	O		
	Taitung		P	23 6.7	-	-	-	-	-	-	-	-	- 03	41.6	O		
	Hsinking		eP	7.1	-	-	-	-	-	-	-	-	- 03	43.5	O		
	Tainan		eP	7.5	-	-	-	90	86	40	6.4	4.0	6.3	03	39.6	O	
	Hwalien		P	16.4	-	-	-	+ 45	+ 42	± 12	5.2	6.1	2.4	03	47.6	O	
	Taichung		P	18.5	-	-	-	-	-	-	-	-	- 03	53.8	O		
	Alishan		P	20.8	-	-	-	-	-	-	-	-	- 03	47.5	O		
	Yu-Shan		eP	21.0	-	-	-	-	-	-	-	-	- 03	49.9	O		
	Taipei		P	23.8	-	-	-	-	-	-	-	-	-	0			
	Ilan		eP	26.5	-	-	-	+ 29	- 38	-	3.2	4.0	- 03	49.1	O		
	Hsinchu		eP	30.1	-	-	-	-	-	-	-	-	-	0			
3	Hengchun	7	P	06 08 36.8	(+)	-	3.5	+ 6.0	175	178	-	2.1	2.1	-	13.1	O	90kms. SSE. of Hengchun
	Tawu		P	40.6	-	-	-	-	-	-	-	-	-	14.8	O	H=0~10 kms. (unfelt)	
	Taitung		P	45.1	-	-	-	-	-	-	-	-	-	15.1	O		
	Hsinking		eP	52.4	-	-	-	-	-	-	-	-	-	0			
	Alishan		eP	57.0	-	-	-	-	-	-	-	-	-	33.3	O		
	Tainan		eP	09 2.4	-	-	-	-	-	-	-	-	-	44.5	O		
	Hwalien		P	9.3	-	-	-	-	-	-	-	-	-	35.5	O		
	Taichung		P	10.9	-	-	-	-	-	-	-	-	-	55.1	O		
	Kaohsiung		P	11.2	-	-	-	-	-	-	-	-	-	0			
	Ilan		eP	22.8	-	-	-	-	-	-	-	-	-	0			
	Hsinchu		eP	22.9	-	-	-	-	-	-	-	-	-	0			
4	Hengchun	8	eP	03 25 32.6	-	-	-	-	-	-	-	-	-	0		7S., 155 1/2 E. Solomon Islands (d)	
	Hsinking		eP	36.4	-	-	-	-	-	-	-	-	-	0			
	Hwalien		eP	37.6	-	-	-	-	-	-	-	-	-	06	38.1	O	
	Ilan		eP	46.7	-	-	-	-	-	-	-	-	-	06	43.3	O	
	Taichung		eP	36 3.0	-	-	-	-	-	-	-	-	-	0			

No.	Station	Date	Phase	P. (G.M.T.)	Initial Motion			Maximum Amplitude			Period			P~S	Intensity	Epicenter & Remarks			
					N	E	Z	N	E	Z	N	E	Z						
					h.	m.	s.	μ	μ	μ	μ	μ	μ				s	s	s
5	Hwalien	8	iP	16 12 16.4	+ 16.8	(+)	- 6.9	840	630	600	?	?	?	3.2	III	Near Hwalien (l)			
	Taichung		eP	23.1	-	-	-	-	-	-	-	-	-	10.8	O				
	Hsinking		eP	29.9	-	-	-	-	-	-	-	-	-	8.0	C				
	Taipei		eP	46.4	-	-	-	-	-	-	-	-	-	0					
6	Hsinking	9	P	09 48 32.0	-	-	-	-	-	-	-	-	-	0		2S., 100E. Near South Coast of Sumatra. Mag. 6 1/4-6 1/2 (pas) (d)			
	Hwalien		P	39.5	-	-	-	-	-	-	-	-	-	05	22.5	O			
	Taipei		eP	45.1	-	-	-	-	-	-	-	-	-	05	19.4	O			
	Ilan		eP	47.5	-	-	-	-	-	-	-	-	-	0					
7	Hsinking	9	eP	16 29 32.0	-	-	-	-	-	-	-	-	-	0		Faint (p)			
	Hwalien		eP	39.3	-	-	-	-	-	-	10	+ 8	4.3	4.4	-	06	34.0	O	
8	Hwalien	10	eP	21 03 10.0	-	-	-	-	-	-	-	-	-	-	02	35.3	O	Negros. Island, P. I. (d)	
	Ilan		eP	21.9	-	-	-	-	-	-	-	-	-	0					
9	Hengchun	11	eP	18 12 41.0	-	-	-	-	-	-	-	-	-	0		Solomon Islands (d)			
	Hsinking		eP	48.1	-	-	-	-	-	-	-	-	-	06	35.4	O			
	Hwalien		iP	51.1	-	4.1	+ 4.2	-	-	-	16	+ 8	-	5.3	5.5	-	06	36.9	O
	Taipei		eP	52.1	-	-	-	-	-	-	-	-	-	06	45.0	O			
10	Hsinking	12	eP	00 40 30.8	-	-	+ 4.3	51	46	25	?	?	?	5.1	I	35kms. NNE. of Hsinking H=0~10 kms. (l)			
	Hwalien		eP	37.1	-	-	-	-	-	-	15	+ 18	-	1.4	1.8	-	8.7	O	
	Taipei		eP	41 8.0	-	-	-	-	-	-	-	-	-	0					
11	Taichung	12	eP	06 21 18.3	-	-	-	-	-	-	-	-	-	0		32 1/2 N., 30E. off coast of Egypt. Mag 6 1/4 (pas) (d)			
	Taipei		eP	26.2	-	-	-	-	-	-	-	-	-	09	49.8	O			
	Tainan		eP	26.3	-	-	-	-	-	-	-	-	-	0					
	Hwalien		P	27.2	-	-	-	-	-	-	9	- 10	-	4.0	4.0	-	09	53.6	O
	Ilan		eP	28.0	-	-	-	-	-	-	-	-	-	0					
	Hengchun		eP	31.1	-	-	-	-	-	-	-	-	-	0					
	Hsinking		eP	21 ?	-	-	-	-	-	-	-	-	-	0					
12	Tawu	15	eP	12 36 49.2	-	-	-	-	-	-	-	-	-	0		off coast of Western New Guinea. Mag 6 3/4 (pas) (d)			
	Hwalien		eP	54.0	-	-	-	-	-	-	-	-	-	05	35.9	O			
	Tainan		eP	37 19.4	-	-	-	-	-	-	-	-	-	0					



地震季報

第二卷 第四號

中華民國四十四年十一月、十二月

THE SEISMOLOGICAL BULLETIN

OF

TAIWAN WEATHER BUREAU

for

October to December, 1955.

VOL. II No. 4

臺灣省氣象所

Published by Department of Seismology,

TAIWAN WEATHER BUREAU,

64, Kung Yuan Road, Taipei, Taiwan

China

General Aspect of Earthquakes
October to December, 1955.

10) In October, the number of earthquakes was recorded one hundred and sixty-four occasions. Among them eleven were classified as felt earthquakes and the remains were unfelt ones. The felt earthquakes in this month, five were classified as small felt area earthquakes and the rest were local ones. Among these felt earthquakes ten were occurred in Hwalien district, only one was located in Taitung district.

There were four distant earthquakes recorded in this month, the epicenters of these earthquakes were located in Sikang province, New Britain, Solomon island, and Northern Celebes.

11) In November, Seventy-nine earthquakes were recorded and the total number has a decrease in comparison to October. Nine of them were classified as felt earthquakes, and the remains were unfelt one. One moderate earthquake occurred on 23rd, and its epicenter was located at N. 23.8 E. 122.9 and its depth was estimated about 60 kms. Another one was small felt area earthquake, it happened in 35kms SSE off coast of Hwalien. We have also recorded one earthquake from China main land on 23rd this month.

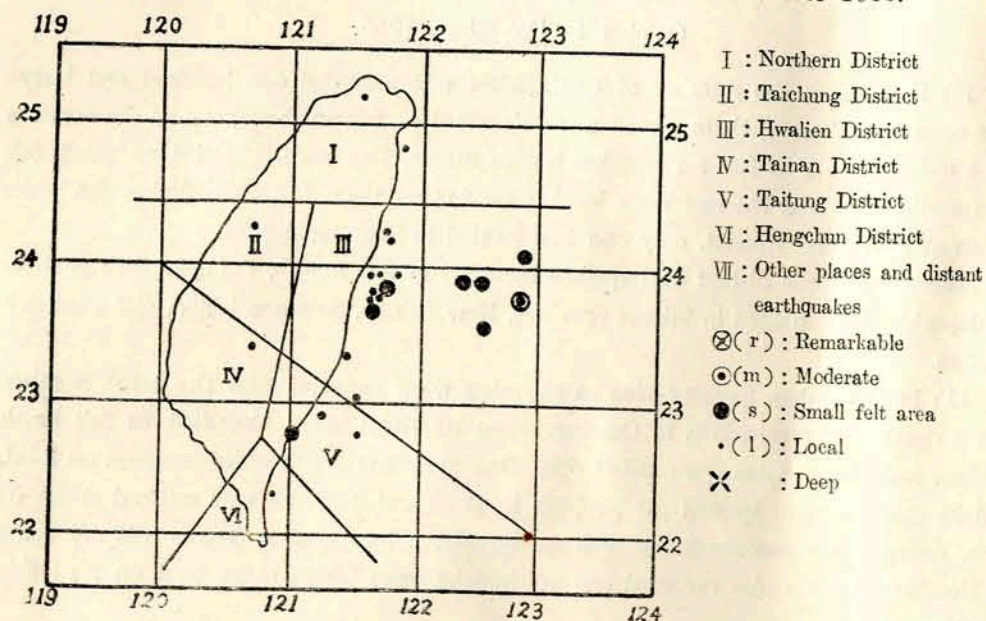
Among seven local earthquakes, two were occurred in Hwalien district, and two were happened in Taitung district, the remains were located at Northern district, Taichung district, and Hengchun district.

12) In December, seventy-seven earthquakes were occurred in Taiwan. Among them five were classified as felt earthquakes, and the rest were unfelt ones.

The felt earthquakes in this month, one was classified as small felt area earthquake, and four were classified local earthquakes.

Three distant earthquakes were recorded by our station, one of them occurred near Bonin Island, one was in the border of Pakistan and Burma, another one was near east coast of Mindanao, Philippines.

Epicenter of Felt Earthquakes in October to December 1955.



Number of earthquakes classified according to its Magnitude and districts October to December 1955,

Districts	Classification Magnitudes	Number of felt earthquakes				Total	Number of Unfelt Earthquakes	Total
		Remarkable	Moderate	Small felt area	Local			
Northern District		—	—	—	2	2	28	30
Taichung District		—	—	—	1	1	13	14
Hwalien District		—	1	6	10	17	110	126
Tainan District		—	—	—	1	1	7	8
Taitung District		—	—	1	2	3	112	116
Hengchun District		—	—	—	1	1	20	21
Other Places		—	—	—	—	—	11	11
Total		—	1	7	17	25	301	326

Felt earthquakes in the month of October to December 1955.

No.	Month	P. (G. M. T.)			Magnitude	Epicenter	Latitude	Longitude	Depth.
		d.	h.	m.			N.	E.	kms.
94	Oct.	4	02	30	1	22km NNE of Hwalien.	24.2	121.7	About 20
95	"	9	12	04	1	Ditto.	—	—	0~10

No.	Month	P. (G. M. T.)			Magnitude	Epicenter	Latitude	Longitude	Depth.
		d.	h.	m.			N.	E.	kms.
96	Oct.	13	17	50	s	24km. SE of Hwalien.	23.8	121.7	20
97	"	13	19	16	1	17km. SE of Hwalien.	23.8	121.6	20
98	"	13	19	47	1	10km. SSE of Hwalien.	23.8	121.6	20
99	"	14	06	48	1	16km. SE of Hwalien.	23.8	121.7	0~10
100	"	26	02	08	1	20km. N. of Hsinkong.	23.3	121.4	0~10
101	"	26	08	16	s	18km. WNW of Taitung.	22.8	121	0~10
102	"	26	11	15	s	75km. E. of Hwalien.	23.9	122.3	0~10
103	"	26	11	15	s	Ditto.	—	—	—
104	"	27	12	26	s	125km. E. of Hwalien.	24.1	122.9	About 20
105	Nov.	7	02	09	1	Near Ilan.	—	—	—
106	"	13	17	56	1	17km. SE of Hsinkong.	23	121.1/2	0~10
107	"	14	10	21	1	Near Hwalien.	—	—	—
108	"	18	02	40	1	10km. SSW of Tawu.	22.3	120.9	0~10
109	"	19	02	09	1	Near Hsinkong.	—	—	—
110	"	21	15	42	s	35km. SSE of Hwalien.	23.7	121.7	0~10
111	"	23	08	35	m	135km. ESE of Hwalien.	23.8	122.9	About 60
112	"	26	01	15	1	17km. SE of Hwalien.	23.9	121.8	20
113	"	29	07	12	1	Near Taichung.	—	—	—
114	Dec.	5	20	15	s	100km. ESE of Hwalien.	23.6	122.1/2	20
115	"	6	20	25	1	40km. E. of Taitung.	22.8	121.1/2	20
116	"	16	10	20	1	30km. S. of Alishan.	23.3	120.7	0
117	"	17	12	28	1	20km. SE. of Hwalien.	23.9	121.7	0
118	"	26	12	18	1	Near Taipei	—	—	—

Unfelt Earthquakes in the Month of October to December, 1955.

No.	Month	P. (G. M. T.)			Epicenter	No.	Month	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
1167	Sept.	30	17	02	Taitung District.	1174	Oct.	1	07	59	Near Taitung.
1168	"	30	18	27	About 47km. WSW of Ilan	1175	"	1	08	28	48km. ENE of Tawu.
1169	Oct.	1	05	19	About 35km. ESE of Tawu.	1176	"	1	08	37	"
1170	"	1	05	24	Ditto.	1177	"	1	08	53	"
1171	"	1	05	39	48km. ENE of Tawu.	1178	"	1	09	50	"
1172	"	1	06	34	Sikang Province. 30 N. 101 E.	1179	"	1	10	07	"
1173	"	1	07	57	Near Taitung.	1180	"	1	10	25	"

No.	Month	P.			Epicenter	No.	Month	P.			Epicenter
		(G.	M.	T.)				(G.	M.	T.)	
		d.	h.	m.			d.	h.	m.		
1181	Oct.	1	11	18	43km. ENE of Tawu.	1215	Oct.	8	20	16	27km. NNE of Hwalien.
1182	"	1	11	26	"	1216	"	9	00	43	Near Hsinkong.
1183	"	1	12	18	60km. ENE of Tawu.	1217	"	9	01	05	30km. SSE of Taitung.
1184	"	1	17	32	78km. E. of Tawu.	1218	"	10	09	06	New Britain. 5° S. 153° E.
1185	"	2	04	09	60km. E. of Tawu.	1219	"	11	02	31	Taitung. District.
1186	"	2	04	24	68km. E. of Tawu.	1220	"	11	04	30	Near Taitung.
1187	"	2	04	56	"	1221	"	11	05	03	48km. E. of Hengchun.
1188	"	2	06	02	Near Hsinkong.	1222	"	11	05	34	"
1189	"	2	06	51	Taitung District.	1223	"	11	06	53	"
1190	"	2	11	53	Taichung District.	1224	"	11	06	55	"
1191	"	2	22	23	25km. SSW of Taitung.	1225	"	11	16	32	156km. ENE of Hsinkong.
1192	"	3	00	16	Taitung District.	1226	"	11	21	57	165km. ESE of Hengchun.
1193	"	3	02	08	144km. ESE of Hwalien.	1227	"	12	06	42	Near Hwalien.
1194	"	3	05	58	Near Tawu.	1228	"	12	07	14	Hwalien District.
1195	"	3	09	08	Near Hsinkong.	1229	"	12	14	28	Near Hsinkong.
1196	"	3	10	18	Hwalien District.	1230	"	12	17	51	Taitung District.
1197	"	3	17	06	Near Hsinkong.	1231	"	12	18	04	Near Hwalien. Aftershock.
1198	"	3	18	00	"	1232	"	12	18	04	"
1199	"	4	05	59	60km. SE of Taitung.	1233	"	12	18	06	"
1200	"	4	13	55	Near Taitung.	1234	"	12	18	07	"
1201	"	5	01	17	Taitung District.	1235	"	12	18	10	"
1202	"	5	02	49	Northern District.	1236	"	12	18	11	"
1203	"	5	14	03	71km. East of Hwalien.	1237	"	12	19	19	"
1204	"	5	20	05	Northern District.	1238	"	13	00	46	Near Hsinkong.
1205	"	6	01	32	Taitung District.	1239	"	13	00	50	"
1206	"	6	05	15	"	1240	"	13	03	45	Near Hwalien.
1207	"	6	05	44	"	1241	"	13	09	36	Solomon Is. 9.1/2 S. 160 E.
1208	"	6	14	02	Taichung District.	1242	"	13	12	31	Hengchun District.
1209	"	6	21	26	Near Alishan.	1243	"	13	17	52	Hwalien District.
1210	"	7	11	08	Northern District.	1244	"	13	17	57	"
1211	"	7	14	05	Near Hsinkong.	1245	"	13	17	59	"
1212	"	7	17	01	"	1246	"	13	18	00	"
1213	"	8	00	49	Near Hwalien.	1247	"	13	18	04	"
1214	"	8	19	29	177km. NE of Taipei.	1248	"	13	18	07	"

No.	Month	P.			Epicenter	No.	Month	P.			Epicenter
		(G.	M.	T.)				(G.	M.	T.)	
		d.	h.	m.			d.	h.	m.		
1249	Oct.	13	18	24	Tainan District.	1283	Oct.	17	14	52	Near Hsinkong.
1250	"	13	18	39	Near Hwalien. Aftershock.	1284	"	19	00	36	Tainan District.
1251	"	13	18	45	"	1285	"	19	12	36	About 43km. W. of Taitung.
1252	"	13	18	48	"	1286	"	19	23	21	Near Hwalien.
1253	"	13	18	55	"	1287	"	20	06	36	Hwalien District.
1254	"	13	19	02	"	1288	"	20	14	25	"
1255	"	13	19	05	"	1289	"	20	17	34	Near Ilan.
1256	"	13	19	37	"	1290	"	20	23	39	Near Hwalien.
1257	"	13	16	44	"	1291	"	21	08	29	28km. WNW of Tawu.
1258	"	13	19	54	"	1292	"	21	12	38	Northern District.
1259	"	13	19	58	"	1293	"	21	19	04	Taichung District.
1260	"	13	20	00	"	1294	"	21	19	13	92km. NE of Ilan.
1261	"	13	20	01	"	1295	"	21	23	15	Celebes. 1/2 S. 123.1/2 E.
1262	"	13	20	42	"	1296	"	21	23	20	Taichung District.
1263	"	13	20	51	"	1297	"	21	23	37	Hwalien District.
1264	"	13	22	16	"	1298	"	22	17	22	Near Hsinkong.
1265	"	14	01	16	Near Taitung.	1299	"	22	23	19	Near Hwalien.
1266	"	14	01	25	Near Hwalien.	1300	"	22	23	20	62km. ENE of Hsinkong.
1267	"	14	06	40	"	1301	"	23	01	31	Near Tawu.
1268	"	14	06	48	"	1302	"	23	01	33	Hengchun District.
1269	"	14	06	48	"	1303	"	23	05	05	Near Hsinkong.
1270	"	14	11	26	Hwalien District.	1304	"	23	09	24	Taitung District.
1271	"	14	13	09	Near Hwalien.	1305	"	24	05	59	Near Hsinkong.
1272	"	14	21	57	Northern District.	1306	"	24	18	12	75km. NNE of Ilan.
1273	"	14	22	31	60km. E. of Taitung.	1307	"	25	07	33	Near Hsinkong.
1274	"	15	01	48	"	1308	"	26	05	55	Near Hwalien.
1275	"	16	01	03	Near Ilan.	1309	"	26	22	34	Hengchun District.
1276	"	16	02	24	Northern District.	1310	"	27	12	59	125km. E. of Hwalien.
1277	"	16	06	18	N 24.4 E. 123.3	1311	"	27	13	01	Aftershock.
1278	"	16	06	29	Near Hwalien.	1312	"	27	13	08	"
1279	"	16	19	20	"	1313	"	27	18	33	45km. NNW of Hwalien.
1280	"	17	05	19	"	1314	"	28	17	52	Near Hwalien.
1281	"	17	05	19	220km. E. of Ilan.	1315	"	28	18	13	Hengchun District.
1282	"	17	09	01	Near Tawu.	1316	"	29	13	24	Near Hsinkong.

No.	Month	P.			Epicenter	No.	Month	P.			Epicenter
		(G.	M.	T.)				(G.	M.	T.)	
		d.	h.	m.			d.	h.	m.		
1317	Oct.	29	19	19		1351	Nov.	12	22	03	87km. E. of Tawu.
1318	"	30	06	55		1352	"	13	06	28	Near Tawu.
1319	"	31	08	11		1353	"	13	10	28	Near Hwalien.
1320	"	31	09	26		1354	"	13	20	33	Hwalien District.
1321	"	31	09	28		1355	"	14	05	44	Near Hainkong.
1322	"	31	18	17		1356	"	14	09	09	29km. S. of Alishan.
1323	Nov.	1	10	26		1357	"	14	22	10	15km. NE of Taitung.
1324	"	1	14	23		1358	"	16	10	03	Near Hwalien.
1325	"	2	04	09		1359	"	16	10	40	Near Hsinkong.
1326	"	2	04	09		1360	"	16	21	44	"
1327	"	2	04	20		1361	"	17	10	48	"
1328	"	2	05	15		1362	"	19	03	36	"
1329	"	3	08	07		1363	"	19	06	03	46km. SSW of Hwalien.
1330	"	3	12	24		1364	"	19	09	34	Hwalien District.
1331	"	3	20	23		1365	"	20	03	53	Near Hsinkong.
1332	"	3	23	37		1366	"	20	08	29	Northern District.
1333	"	5	01	43		1367	"	20	09	28	161km. E. of Hsinkong.
1334	"	5	03	50		1368	"	21	00	34	Northern District.
1335	"	5	14	19		1369	"	21	08	35	Hwalien District.
1336	"	5	20	27		1370	"	21	15	50	Near Hwalien.
1337	"	6	14	02		1371	"	21	16	42	Northern District.
1338	"	6	14	03		1372	"	21	19	38	Near Hsinkong.
1339	"	7	01	02		1373	"	22	17	16	55km. SE of Ilan.
1340	"	7	16	47		1374	"	22	23	44	57km. S. of Hwalien.
1341	"	7	17	00		1375	"	23	06	37	N. 42° E. 120°
1342	"	7	17	02		1376	"	23	10	07	133km. ESE of Hwalien. Aftershock.
1343	"	8	01	28		1377	"	23	14	30	Near Hsinkong.
1344	"	8	10	35		1378	"	24	04	52	N. 22° E. 124.8°
1345	"	8	16	20		1379	"	24	08	30	Taitung District.
1346	"	8	19	44		1380	"	24	21	54	Near Hsinkong.
1347	"	9	06	31		1381	"	24	23	36	Northern District.
1348	"	10	01	27		1382	"	25	17	54	Near Hsinkong.
1349	"	11	07	06		1383	"	26	17	12	"
1350	"	12	06	48		1384	"	27	09	36	Near Hsinchu.

No.	Month	P.			Epicenter	No.	Month	P.			Epicenter
		(G.	M.	T.)				(G.	M.	T.)	
		d.	h.	m.			d.	h.	m.		
1385	Nov.	27	17	46		1419	Dec.	8	12	11	Hwalien District.
1386	"	27	17	32		1420	"	8	17	43	Near Hsinkong.
1387	"	27	19	31		1421	"	9	00	58	Hwalien District.
1388	"	28	11	33		1422	"	9	06	52	40km. S. of Ilan.
1389	"	28	13	15		1423	"	10	01	29	Northern District.
1390	"	29	03	59		1424	"	10	18	58	Taitung District.
1391	"	29	15	56		1425	"	11	01	56	Hwalien District.
1392	"	29	19	59		1426	"	11	01	58	"
1393	"	30	09	46		1427	"	11	02	06	Near Hwalien.
1394	"	30	21	07		1428	"	11	07	33	60km. SE of Hwalien.
1395	Dec.	1	01	44		1429	"	11	13	29	30km. E of Ilan.
1396	"	1	10	41		1430	"	11	22	23	Near Hsinkong.
1397	"	1	12	03		1431	"	12	03	22	Near Hwalien.
1398	"	1	14	32		1432	"	12	04	51	"
1399	"	1	14	49		1433	"	12	12	06	50km. NNE of Hwalien.
1400	"	2	07	49		1434	"	12	14	36	Near Hsinkong.
1401	"	2	11	11		1435	"	13	18	34	Near Hwalien.
1402	"	2	13	13		1436	"	14	10	57	Border of Burma and Pakistan. N. 22° E. 92. 1/2.
1403	"	2	13	27		1437	"	14	22	06	70km. E. of Hsinkong.
1404	"	2	14	07		1438	"	15	06	53	Near Hwalien.
1405	"	2	16	36		1439	"	15	13	46	"
1406	"	2	19	47		1440	"	15	15	20	Hwalien District.
1407	"	3	07	12		1441	"	15	23	21	Taitung District.
1408	"	3	10	26		1442	"	17	03	10	Taitung District.
1409	"	3	11	56		1443	"	17	07	37	30km. SE of Tawu.
1410	"	3	13	27		1444	"	18	10	27	20km. ESE of Taichung.
1411	"	3	17	29		1445	"	19	03	18	Near East coast of Mindanao, Philippines.
1412	"	4	03	06		1446	"	19	12	34	Near Hwalien.
1413	"	4	07	16		1447	"	20	07	06	Near Hsinkong.
1414	"	6	00	49		1448	"	21	01	48	45km. E. of Taichung.
1415	"	6	15	41		1449	"	21	09	09	Taichung District.
1416	"	7	15	08		1450	"	24	02	10	Near Hsinkong.
1417	"	7	20	41		1451	"	24	17	21	"
1418	"	8	06	52		1452	"	25	12	28	"

No.	Station	Date	Phase	P. (G.M.T.)			Initial Motion			Maximum Amplitude			Period			P~S		Epicenter & Remarks
				h.	m.	s.	N	E	Z	N	E	Z	N	E	Z	s	m	
7	Taitung	11	P	49.0												18.5	0	
	Tainan		eP	46.5												14.0	0	
	Hsinkong		eP	54.2												25.9	0	
	Kaohsiung		P	54.8												—	0	
	Taichung		P	57 00.0												—	0	
	Hwalien		P	05.0				34	31	20	3.7	3.1	3.0			25.4	0	
	Ilan		eP	17.5												22.9	0	
	Hsinchu		eP	35.4												—	0	
8	Hsinkong	13	eP	09 35 48.7												—	0	9 1/2° S. 161° E. Solomon Is.
	Hwalien		P	52.7											7	11.0	0	
9	Yushan	13	iP	21 49 45.0	+ 35.7	+ 75.0										06.0	0	24km. SE of Hwalien
	Alishan		iP	48.3	+ 2.9	+ 7.3										7.6	III	N. 23.8 E. 121.8° about 20km. (s)
	Hwalien		iP	50 27.1	+ 282.5	+ 51.3	+ 485.0	+ 8600	+ 6600	- 3800	2.2	2.2	2.2			04.8	IV	
	Hengchun		eP	28.6				156	180	81	1.5	2.1	2.8			25.9	0	
	Hsinkong		iP	33.9	+ 4.6	+ 11.5	- 14.7	609		522	2.4		1.8			10.4	III	
	Taichung		iP	39.8												13.4	I	
	Ilan		iP	44.2	- 44.0	+ 13.3		- 332	+ 405		2.0	2.0				11.3	I	
	Taipei		P	44.3				300	350	120	2.1	2.1	3.0			15.5	I	
	Tainan		iP	47.0	- 6.3	- 12.5	+ 31.2	519	496	280	3.3	2.4	3.3			27.3	0	
	Kaohsiung		P	52.4												17.3	0	
Tawu		P	51.3												21.0	0		
10	Hwalien	13	iP	19 47 06.8	+ 2.3	- 1.9	+ 8.5	+ 128	+ 145	230	1.8	1.0	0.5			05.0	I	10km. SSE of Hwalien. h=20km. (l)
	Yushan		P	10.0												—	0	
	Alishan		eP	12.2												11.1	0	
	Hsinkong		eP	13.3												10.0	0	
	Taichung		P	17.6												13.3	0	
	Hsinchu		eP	24.1												14.2	0	
	Ilan		eP	24.3												11.0	0	
	Tainan		eP	28.1												?	0	
	Taipei		eP	29.3												15.0	0	
	11	Hengchun	21	P	23 14 42.2											4	16.8	0

No.	Station	Date	Phase	P. (G.M.T.)			Initial Motion			Maximum Amplitude			Period			P~S		Epicenter & Remarks	
				h.	m.	s.	N	E	Z	N	E	Z	N	E	Z	s	m		s
11	Tawu	21	P	47.5												4	11.9	0	S. 1/2° E. 123 1/2° Northern Celeber.
	Taitung		P	52.7												4	46.0	0	
	Hsinkong		eP	53.5												4	15.2	0	
	Hwalien		P	15 02.2												4	34.9	0	
	Taipei		P	17.3												4	39.9	0	
	12	Tawu	26	P	08 15 45.7	+ 15.3	+ 6.6				163	164		1.5	2.2		06.3	0	
Hsinkong		iP	52.4	+ 29.9	+ 22.8	+ 58.8			437		300	1.0	—	0.8	11.9	II			
Hengchun		P	56.3						145	224		2.1	4.0		15.5	0			
Kaohsiung		P	53.7												14.4	0			
Alishan		iP	16 01.2	+ 11.8	- 3.7	+ 16.4			167	159		0.2	0.3		15.0	I			
Tainan		iP	01.5	- 12.5	+ 15.0	- ?			166	144	105	3.0	1.6	3.0	14.6	0			
Hwalien		P	07.5						174	+ 196	- 102	2.2	2.2	3.1	25.0	0			
Taitung		iP	07.7	- 38°	- 684	- 198									01.8	III			
Taichung		iP	10.7	+ 6.1	- 1.2	+ 2.3			250	160	137	2.7	1.6	2.0	20.3	I			
Hsinchu		eP	16.3												32.8	0			
Penghu		eP	22.6												09.9	0			
Ilan		P	24.5						80	85		2.2	1.6		28.0	0			
Taipei		iP	23.0	+ 9.0	0	+ 10			120	120		1.8	2.0		34.6	0			
13	Hwalien	26	P	11 12 55.3						- 423	+ 445		1.9	2.0		10.9	II	75km. E. of Hwalien. N. 23.9 E. 122.3 h about 5km. (s)	
	Ilan		iP	58.7	+ 6.1	- 4.4	- 34.2								11.9	II			
	Hsinkong		iP	13 02.6	+ 1.1	+ 1.7	- 7.3			48	47	23	1.2	1.2		16.2	I		
	Taipei		P	03.7	+ 13	- 2	+ 6			1100	900	336	1.5	1.8	3.0	19.0	II		
	Hsinchu		P	09.5						- 470	+ 470		1.8	2.7		23.7	I		
	Taichung		eP	09.8						253	449	154	1.9	2.6	2.3	12.4	I		
	Alishan		eP	10.6												19.6	0		
	Taitung		P	12.9												22.4	0		
	Tawu		P	15.0												23.0	0		
	Tainan		eP	21.1												30.6	0		
Hengchun		eP	22.7												29.5	0			
Penghu		P	41.2												13.8	0			
14	Ilan	26	P	11 15 24.6						- 957	- 708		1.4	1.0		11.0	I	Ditto.	
	Hwalien		P	25.5						+ 267	+ 424		2.8	2.6		12.4	I		

No.	Station	Date	Phase	P. (G.M.T.)	Initial Motion			Maximum Amplitude			Period			P~S		Intensity	Epicenter & Remarks
					N	E	Z	N	E	Z	N	E	Z	s	m		
					h.	m.	s.	μ	μ	μ	μ	μ	μ	s	s		
14	Hsinkong	26	P	28.7	-	-	-	53	71	30	1.2	1.2	?	16.2	I		
	Taipei		eP	30.2	-	-	-	-	-	-	-	-	-	19.0	I		
	Alishan		eP	34.4	-	-	-	-	-	-	-	-	-	20.4	O		
	Taichung		eP	37.0	-	-	-	257	349	133	2.2	2.2	2.0	19.0	I		
	Tainan		eP	43.5	-	-	-	-	-	-	-	-	-	30.6	O		
	Hengchun		eP	55.5	-	-	-	-	-	-	-	-	-	21.9	O		
15	Hwalien	27	P	12 26 02.2	-	-	-	+ 100	+ 101	- 104	3.4	3.2	0.5	15.6	O	125km. E. of Hwalien. 24.1 N. 122.9 E.	
	Ilan		eP	02.4	-	-	-	-	-	-	-	-	-	16.3	O		
	Hsinkong		eP	05.3	-	-	-	-	-	-	-	-	-	21.8	O		
	Taipei		P	08.1	-	-	-	70	49	17	0.8	0.8	0.8	15.3	I		
	Taichung		P	14.1	-	-	-	-	-	-	-	-	-	25.1	O		
	Alishan		eP	15.2	-	-	-	-	-	-	-	-	-	25.6	O		
	Tainan		eP	25.1	-	-	-	-	-	-	-	-	-	33.9	O		
	Hengchun		eP	27.7	-	-	-	-	-	-	-	-	-	33.4	O		
	Taitung		eP	32.0	-	-	-	-	-	-	-	-	-	27.1	O		

Major Earthquakes Which Occurred in November 1955.

No.	Station	Date	Phase	P. (G.M.T.)	Initial Motion			Maximum Amplitude			Period			P~S		Intensity	Epicenter & Remarks
					N	E	Z	N	E	Z	N	E	Z	s	m		
					h.	m.	s.	μ	μ	μ	μ	μ	μ	s	s		
1	Hsinkong	13	iP	17 56 20.0	+ 25.0	+ 25.2	?	502	900	-	1.4	2.0	-	02.4	II	17km. SE. of Hsinkong	
	Taitung		P	28.1	-	-	-	-	-	-	-	-	-	06.2	O		
	Alishan		eP	29.3	-	-	-	-	-	-	-	-	-	10.0	O		
	Hwalien		P	37.4	-	-	-	+ 34	+ 66	+ 39	1.9	0.9	1.2	14.4	O		
	Taichung		P	43.5	-	-	-	-	-	-	-	-	-	19.4	O		
	Taipei		eP	57 04.5	-	-	-	-	-	-	-	-	-	19.4	O		
2	Tawu	18	iP	02 39 55.5	- 33.0	+ 59.2	- 40.7	-	-	-	-	-	-	01.8	II	10km. SSW of Tawu.	
	Hsinkong		eP	40 00.5	-	-	-	-	-	-	-	-	-	10.8	O		
	Hengchun		eP	02.4	-	-	-	-	-	-	-	-	-	04.2	O		
	Taitung		P	03.5	-	-	-	-	-	-	-	-	-	03.0	O		
	Kaohsiung		P	11.7	-	-	-	-	-	-	-	-	-	09.8	O		
	Tainan		P	13.3	-	-	-	-	-	-	-	-	-	17.1	O		
	Alishan		P	16.9	-	-	-	-	-	-	-	-	-	19.6	O		

No.	Station	Date	Phase	P. (G.M.T.)	Initial Motion			Maximum Amplitude			Period			P~S		Intensity	Epicenter & Remarks	
					N	E	Z	N	E	Z	N	E	Z	s	m			
					h.	m.	s.	μ	μ	μ	μ	μ	μ	s	s			s
2	Hwalien	18	P	29.1	-	-	-	-	-	-	-	-	-	-	-	18.4	O	
3	Hwalien	21	P	15 41 58.4	+ 24.4	+ 6.4	- 13.9	+ 623	- 624	-	3.0	2.6	-	05.3	II	35km. SSE of Hwalien.		
	Hsinkong		eP	42 07.6	-	-	-	88	96	54	1.2	1.2	1.0	09.4	O			
	Taichung		P	11.5	-	-	-	260	360	270	1.3	1.5	1.9	14.8	I			
	Alishan		eP	12.2	-	-	-	-	-	-	-	-	-	09.8	O			
	Yushan		eP	15.0	-	-	-	-	-	-	-	-	-	10.0	O			
	Hsiuechu		eP	17.8	-	-	-	-	-	-	-	-	-	14.5	O			
	Taitung		P	19.8	-	-	-	-	-	-	-	-	-	14.3	O			
	Tainan		eP	23.6	-	-	-	-	-	-	-	-	-	14.1	O			
Penghu		eP	33.3	-	-	-	-	-	-	-	-	-	23.0	O				
4	Taipei	23	P	06 36 42.7	-	-	-	-	-	-	-	-	-	5	39.6	O	43°N. 102°E. Border of Mongolia and Linhsa provinces.	
	Hwalien		eP	50.8	-	-	-	-	-	-	-	-	-	5	59.0	O		
	Hsinkong		eP	54.5	-	-	-	-	-	-	-	-	-	5	57.4	O		
	Alishan		eP	37 04.7	-	-	-	-	-	-	-	-	-	5	52.3	O		
5	Ilan	23	P	08 34 50.9	+ 10.8	- 10.3	-	-	-	-	-	-	-	15.7	I	N. 23° E. 122.9°		
	Hsinkong		P	51.8	- 7.4	- 11.4	-	57	91	52	1.0	1.0	0.7	17.1	O	133km. ESE of Hwalien. (m) h=60km.		
	Taipei		P	56.3	+ 9.2	+ 4.0	+ 1.4	430	405	476	2.2	2.9	2.6	19.8	I			
	Taitung		eP	59.7	- 3.3	- 4.7	- 9.3	- 99	+ 129	+ 167	0.4	0.4	0.4	22.8	I			
	Taichung		iP	35 00.2	+ 4.8	- 10.6	+ 37.9	-	-	-	-	-	-	22.5	O			
	Hengchun		eP	03.1	-	-	-	-	-	-	-	-	-	29.9	O			
	Alishan		iP	03.6	- 4.1	- 20.8	+ 28.5	-	-	-	-	-	-	21.8	O			
	Tawu		P	04.8	-	-	-	-	-	-	-	-	-	25.3	O			
	Tainan		eP	10.0	-	-	+ 27.2	-	-	-	-	-	-	30.4	O			
	Hwalien		iP	46.7	+ 6.2	- 10.9	+ 40.8	- 423	+ 400	+ 423	3.0	1.3	2.2	23.6	I			
Kaohsiung		P	14.8	-	-	-	-	-	-	-	-	-	23.8	O				
6	Hengchun	24	eP	04 52 15.6	-	-	-	-	-	-	-	-	-	152	-	44.5	O	22° N. 124.8 E. 404km. ESE of Hengchun. h=60km.
	Tawu		P	17.2	-	-	-	38	42	-	1.9	1.7	-	23.8	O			
	Taitung		P	18.0	-	-	-	-	-	-	-	-	-	45.8	O			
	Hsinkong		eP	27.1	-	-	-	-	-	-	-	-	-	41.9	O			
	Tainan		eP	29.9	-	-	-	-	-	-	-	-	-	25.7	O			
	Alishan		eP	37.3	-	-	-	-	-	-	-	-	-	48.2	O			

No.	Station	Date	Phase	P.			Initial Motion			Maximum Amplitude			Period			P ~ S		Epicenter & Remarks		
				(G.M.T.)			N	E	Z	N	E	Z	N	E	Z	m	s			
				h.	m.	s.	μ	μ	μ	μ	μ	μ	s	s	s	m	s			
6	Hwaiien	24	P	41.9	-	+	-	+	-	94	+	109	-	45	3.4	3.8	4.6	52.0	O	
	Taichung		eP	42.1	-	-	-	-	-	-	-	-	-	-	-	-	-	58.9	O	
	Ilan		eP	55.3	-	-	-	-	-	+	74	-	70	-	2.7	2.0	-	55.1	O	
	Kaohsiung		P	57.3	-	-	-	-	-	-	-	-	-	-	-	-	-	36.2	O	
	Taipei		eP	53 04.4	-	-	-	-	-	-	-	-	-	-	-	-	-	56.0	O	
	Hsinchu		eP	09.0	-	-	-	-	-	-	-	-	-	-	-	-	-	63.8	O	
7	Hsinkong	27	eP	19 31 13.7	-	-	-	-	-	-	-	-	-	-	-	-	-	24.0	O	
	Hwaiien		P	14.1	-	-	-	-	-	-	189	-	267	+	85	4.6	5.5	3.0	21.6	O
	Taitung		P	20.1	-	-	-	-	-	-	-	-	-	-	-	-	-	14.8	O	
	Ilan		eP	22.6	-	-	-	-	-	-	217	+	37	-	3.1	3.1	-	23.6	O	
	Tawu		P	22.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	O	
	Taipei		eP	28.3	-	-	-	-	-	-	-	-	-	-	-	-	-	38.5	O	
	Hengchun		P	34.5	-	-	-	-	-	-	-	-	-	-	-	-	-	39.6	O	
	Tainan		eP	38.5	-	-	-	-	-	-	-	-	-	-	-	-	-	37.4	O	
	Alishan		eP	43.2	-	-	-	-	-	-	-	-	-	-	-	-	-	30.6	O	

Major Earthquakes which Occurred in December, 1955.

No.	Station	Date	Phase	P.			Initial Motion			Maximum Amplitude			Period			P ~ S		Epicenter & Remarks		
				(G.M.T.)			N	E	Z	N	E	Z	N	E	Z	m	s			
				h.	m.	s.	μ	μ	μ	μ	μ	μ	s	s	s	m	s			
1	Hwaiien	5	P	20 14 40.1	-	-	-	-	-	-	319	-	367	-	206	3.2	2.1	2.2	10.7	I
	Hsinkong		iP	45.8	+	2.4	+	4.7	-	8.5	65	87	51	1.0	1.0	0.4	-	-	16.1	I
	Ilan		iP	41.5	+	7	-	6	-	-	384	+	311	-	1.0	1.3	-	-	16.5	I
	Taipei		iP	49.8	+	10.0	-	4.0	+	11.0	250	290	145	2.2	2.0	2.4	-	-	21.7	I
	Taitung		P	52.2	+	1.2	-	3.7	-	-	-	-	-	-	-	-	-	-	20.8	O
	Taichung		P	52.9	-	-	-	+	11.4	-	-	-	-	-	-	-	-	-	21.4	O
	Tawu		P	58.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.8	O
	Hsinchu		eP	57.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27.5	O
	Alishan		eP	48.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.5	O
	Tainan		eP	15 09.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.7	O
	Kaohsiung		P	17.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.3	O
	Penghu		eP	18.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21.5	O
	Hengchun		eP	05.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28.1	O

No.	Station	Date	Phase	P.			Initial Motion			Maximum Amplitude			Period			P ~ S		Epicenter & Remarks				
				(G.M.T.)			N	E	Z	N	E	Z	N	E	Z	m	s					
				h.	m.	s.	μ	μ	μ	μ	μ	μ	s	s	s	m	s					
2	Taipei	7	P	15 07 39.4	-	-	-	-	-	-	-	-	-	-	-	-	-	3	45.3	O		
	Hwaiien		P	40.8	-	-	-	-	-	-	+	33	-	29	+	12	7.6	5.8	6.0	3	29.7	O
	Hsinkong		eP	44.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	55.2	O	
	Hengchun		eP	48.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	00.9	O	
	Tawu		P	51.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	56.7	O	
	Taitung		eP	52.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	05.0	O	
	Taichung		eP	53.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	46.9	O	
	Tainan		eP	08 02.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	O
	Ilan		eP	05.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	34.7	O	
Alishan		P	08.0	+	5.9	+	13.9	-	-	-	-	-	-	-	-	-	-	3	52.5	O		
3	Hsinchu	14	eP	12 57 20.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	22° N. 92° E.	
	Tawu		eP	25.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	Border of Burma and Pakistan.	
	Hengchun		eP	26.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	
	Hsinkong		eP	28.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	
	Hwaiien		P	35.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	24.0	O	
	Alishan		eP	43.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	
	Taipei		eP	28.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	39.0	O	
4	Hsinkong	19	P	03 17 30.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2.4	O	
	Taitung		eP	33.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	8 1/2° N. 127° E.	
	Hwaiien		eP	43.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	10.4	O	
	Alishan		eP	43.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	0.0	O	
	Ilan		eP	49.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	Near east coast of Mindanao Is Philippine.	
Taipei		eP	54.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	22.5	O		