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for

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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	$\varphi_1(N)$	$\lambda_1(E)$	φ'	Altitude	Subsoil	a	b	c	Seismographs
Alishan (mt.)	23.31	120.48	23.22	2406.1	Miocene Sandstone	-.4700	+ .7885	+ .3966	W (H. V.), O. S.
Hengchun	22.00	120.45	21.52	22.3	Alluvium	-.4745	+ .7976	+ .3724	W (H. V.), S.
Hsinkong	23.06	121.22	22.58	36.5	"	-.4793	+ .7862	+ .3901	P ₁ S. W (H. V.)
Hsinchu	21.48	120.58	24.39	32.8	"	-.4677	+ .7793	+ .4171	P ₁ S.
Hwaiien	23.58	121.37	23.49	17.6	"	-.4796	+ .7791	+ .4038	W (H. V.), P ₁ S. P ₂
Ilan	24.46	121.45	24.37	7.4	"	-.4784	+ .7731	+ .4165	W (H. V.), P ₁ S.
Penghu	23.32	119.33	23.23	9.4	Bosalt	-.4527	+ .7985	+ .3969	P ₁
Taipei	25.02	121.31	24.53	8.0	Alluvium	-.4742	+ .7733	+ .4208	W (H. V.), O. P ₁ S. P ₂
Tawu	22.21	120.54	22.13	7.6	"	-.4754	+ .7944	+ .3781	W (H. V.), S.
Taitung	22.45	121.09	22.37	8.9	"	-.4775	+ .7900	+ .3846	W (H. V.), S.
Tainan	23.00	120.13	22.52	12.7	"	-.4637	+ .7962	+ .3886	W (H. V.), P ₁ S.
Taichung	24.09	120.41	24.00	77.1	"	-.4662	+ .7856	+ .4067	W (H. V.), S. P ₁

Specification of instruments:-

- Mass of the pendulum M (kg)
- Magnification V.
- Damping coefficient ε .
- Coefficient of friction $\frac{r}{T_0^2}$ (mm/sec²)
- Proper period of the pendulum T_0 (sec.)

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_0
W(H) : Wiechert's horizontal seismograph	E-W	200	77	4	0.006	4.9
	N-S	200	74	2	0.006	4.9
W(V) : Wiechert's Vertical seismograph	U-D	80	75	4	0.013	4.1
P ₁ : Portable seismograph (1)	E-W	18	40	5	0.005	5.1
	N-S	18	40	4	0.005	5.0
O : Omori's horizontal seismograph	E-W	15	20	2	0.006	14.6
	N-S	15	20	2	0.009	14.9

S : Strong motion seismograph	E-W	2	2	3	0.015	3.1
	N-S	2	2	4	0.014	3.3
	U-D	1.5	2	2	0.022	2.7
P ₂ : Portable seismograph (11)	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

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.

Δ : Epicentral distance.

ΔH : 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 kms.

(m) Moderate earthquake : The radius is smaller than 300 kms but greater than 200 kms,

(s) Earthquake of small felt area : The radius is smaller than 200 kms but greater than 100 kms,

(l) Local earthquake : The radius is smaller than 100 kms.

(d) Distant earthquake : The epicentral distance is greater than 300 kms 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, 1954.

1) In January, the number of earthquakes was recorded forty-six occasions which five of them were classified as felt earthquakes and the rest is the unfelt ones. The number of major earthquakes showed a decrease in comparison to the previous month.

A small felt area earthquakes was happened on 16th of January. Its epicenter was located at the east of Ta-nan-Hou and the depth was estimated at 20 kms. The intensity of this shallow earthquakes was reported Seismic Scale III. and was classified as a small felt area.

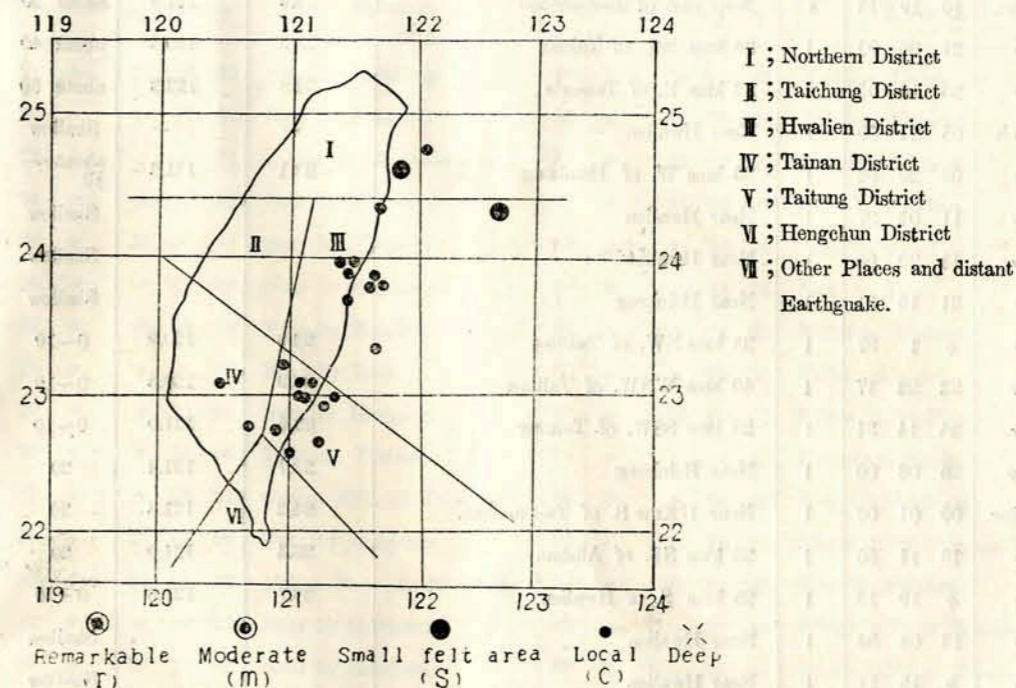
The local earthquakes occurred in January, was four. Two of them was reported in the district of Taitung, one in Tainan and the other in the northern district. Only one distant earthquake was reported in the Pacific at 430 kms. east of Taitung.

2) In February, the number of occurrence of earthquakes has an increase in comparison to the month of January and was amounted up to a figure of seventy. Among them, nine were classified as felt earthquakes and the remain were unfelt ones. All of the felt earthquakes in this month were local earthquakes.

Three felt earthquakes were reported near near the vicinity of Hwalien. Their intensity were reported Seismic Scale I. Two occurred near Hsinkong. Its intensity was classified two cases under Scale II and one case under Scale I. Another four felt earthquakes occurred in the mountains near Taitung. Their intensity was reported under Scale III. Unfelt earthquakes occurred in the sea to the east of Taiwan were many. The distant earthquakes were recorded by the seismographs in this Bureau, one was at 1334 kms. northwest of Saipan and another in Kansu over the mainland with its after shock three times.

3) In March, the number of occurrence of earthquakes was amounted up to a figure of sixty-nine and has a decrease in comparison to the month of February. Among them, ten were classified as felt earthquakes and the remain were unfelt ones. Most of the felt earthquakes in this month were local earthquakes, but only one was classified as small-felt area earthquake. Seven felt earthquakes were occurred at Hwalien district. The maximum intensity was reported Seismic Scale II. Three felt earthquakes occurred in Taitung district, the maximum intensity was reported scale I. Most of the earthquakes during this month happened under the sea to the east of Taiwan Four distant earthquakes were recorded by theseismographs in our Bureau. The first was occurred under the sea to the northeast of New Guinea. Another was at the east part of Parkistan. The third was located at 370 kilometers to southeast of Taitung and the epicenter of another one was uncertain.

Epicenters of Felt Earthquakes in January to March, 1954.



Number of earthquakes classified according to its magnitudes and districts January to March, 1954.

Classification magnitudes	number of felt earthquakes					number of Unfelt earthquakes	Total
	Remarkable	moderate	Small felt area	Local	Total		
Districts							
Northern District	--	--	1	1	2	29	31
Taichung District	--	--	--	--	--	13	13
Hwalien District	--	--	1	9	10	42	52
Tainan District	--	--	--	2	2	7	9
Taitung District	--	--	--	10	10	33	43
Hengchun District	--	--	--	--	--	27	27
Other Places	--	--	--	--	--	10	10
Total	--	--	2	22	24	161	185

Felt Earthquakes in the Month of January to March, 1954.

No.	month	P. (G. M. T.)			magnitudo	Epicenter	Latitude	Longitude	Depth.
		d.	h.	m.					
1	Jan.	09	23	53	1	30 Kms W. of Hsinkong	23.2 N.	121.1 E.	about 20.
2	"	14	18	09	1	Between Taitung and Lu tau.	22.7	121.4	about 0~10

3	Jan.	15 19 13	s	Near east of Ta-nan-hou	24.5	121.9	about 20
4	"	21 06 00	l	36 kms NE. of Tainan	23.3	120.5	about 40
5	"	25 16 05	l	32 kms E. of Tau-wie	24.8	122.2	about 60
6	Feb.	05 21 00	l	Near Hwalien	—	—	Shallow
7	"	08 20 52	l	20 kms W. of Hsinkong	23.1	121.2	about ~ 10
8	"	11 02 37	l	Near Hwalien			Shallow
9	"	18 20 55	l	Near Hwalien			Shallow
10	"	21 15 51	l	Near Hsinkong			Shallow
11	"	" 1 37	l	25 kms NW. of Taitung	23.9	120.9	0~10
12	"	22 22 17	l	40 kms WNW. of Taitung	23.9	120.8	0~10
13	"	24 14 31	l	23 kms SSW. of Taitung	22.5	121.0	0~10
14	"	25 08 00	l	Near Hsinkong	23.1	121.4	20
15	Mar.	09 01 03	l	Near 17Kms S. of Ta-nan-lau.	24.3	121.8	20
16	"	10 11 50	l	25 kms SE. of Alishan	23.4	121.0	20
17	"	" 19 13	l	25 kms S. of Hwalien	23.7	121.6	0~10
18	"	13 08 34	l	Near Hwalien			Shallow
19	"	" 15 11	l	Near Hwalien			Shallow
20	"	" 16 03	l	12 kms W. of Hwalien	23.9	121.5	0~10
21	"	14 02 00	l	40 kms NE. of Hsinkong	23.3	121.7	20
22	"	21 12 03	s	115 kms ENE. of Hwalien.	24.4	122.6	60
23	"	27 11 02	l	Near Hsinkong			Shallow
24	"	31 01 12	l	Near Hsinkong			"

Unfelt Earthquakes in the Month of January to March, 1954.

No.	month	G.	P.	T.	Epicenter	No.	month	G.	P.	T.	Epicenter		
			d.	h.	m.				d.	h.	m.		
1	Jan.		1	17	00	Hengchun District.	11	Jan.	"	19	24	Near by Taichung	
2	"		"	18	38	Fangchun District.	12	"	"	9	14	35	Near by Taichung
3	"		"	23	18	Northern District.	13	"	"	11	17	10	48 kms. E. of Taitung
4	"		7	16	17	Near by Pi-tau-chu	14	"	"	12	23	00	Near by Si-Paio-tau.
5	"		"	"	44	Near by Hlan	15	"	"	13	02	02	Near by Taichung
6	"		8	04	46	Northern District.	16	"	"	14	01	39	Near by Hwalien.
7	"		"	05	24	90kms. NE. of Hwalien.	17	"	"	15	10	22	Near by Hwalien.
8	"		"	15	08	Near by Hsinchu.	18	"	"	"	20	14	180kms. E. of Tawu.
9	"		"	18	01	Near by Hwalien.	19	"	"	16	06	48	Near by Hsinchu.
10	"		"	19	23	Near by Taichung	20	"	"	17	05	18	238kms E. of Hsinkong.

No.	month.	G.	P.	T.	Epicenter	No.	month.	G.	P.	T.	Epicenter	
21	Jan.	18	06	50	Near by Hsinkong.	55	Feb.	10	05	43	Northern District.	
22	"	"	12	04	Near by Hwalien.	56	"	11	00	35	Province Kan-Su.	
23	"	"	"	21	40kms. E. of Lu-tau.	57	"	12	20	10	Taichung District.	
24	"	20	12	52	Near by Hwalien.	58	"	13	04	01	Near by Hwalien.	
25	"	21	06	32	Near by Hsinkong.	59	"	"	13	23	Near by Tawu.	
26	"	"	12	22	Near by Hsinkong.	60	"	"	14	24	Near by Tawu.	
27	"	22	04	10	Near by Hwalien.	61	"	"	16	23	Northern. District.	
28	"	"	"	28	Near by Tawu.	62	"	"	20	10	Taitung District.	
29	"	"	11	04	Near by Hengchun.	63	"	14	06	01	25kms. S. of Hwalien.	
30	"	"	16	06	Taichung District.	64	"	"	11	40	Hengchun District.	
31	"	"	23	27	30kms. ESE. of Taichung	65	"	"	23	56	Near by Hsinkong	
32	"	25	09	09	Near by Hengchun	66	"	15	16	13	33kms. S. of Taitung.	
33	"	26	01	32	10kms. N. of Pe-Nan-Shan	67	"	17	04	45	Near by Hwalien.	
34	"	"	09	23	Near by Hsinkong	68	"	"	07	19	30kms. NW. of Hwalien.	
35	"	27	17	57	Near by Hsinkong	69	"	"	"	23	40kms. ESE. of Hwalien.	
36	"	28	07	42	Near by Taichung	70	"	"	"	25	Near by Hwalien.	
37	"	29	04	49	Near by Taichung	71	"	"	16	47	Hengchun District.	
38	"	"	"	58	"	72	"	"	18	14	Hwalien Distret.	
39	"	"	20	48	Near chieh-tien	73	"	18	16	47	Near 20kms. N. of Tawu.	
40	"	30	20	01	40kms. ESE. of Pi-tau-Chu.	74	"	"	17	18	Near by Hsinkong.	
41	"	31	12	52	Near. by Hsinkong	75	"	19	00	57	Nearby Hwalien.	
42	Feb.	01	01	11	About 1334kms to NW. of Saipan Island.	76	"	"	14	44	Nearby Hwalien.	
43	"	4	17	45	Near by Hsinkong.	77	"	"	21	44	16kms. NNW. of Hwalien.	
44	"	5	00	16	Northern District.	78	"	20	18	34	Near by Tawu.	
45	"	"	09	27	Northern District.	79	"	"	"	41	After Shoch of Province Kan-Su.	
46	"	6	08	01	59kms. E. of Hwalien	80	"	21	15	47	50kms. E. of Hwalien	
47	"	"	23	55	Near by Hsinkong.	81	"	"	16	46	Tainan District.	
48	"	8	06	32	Near by Alishan.	82	"	"	17	05	Hengchun District.	
49	"	"	10	41	Near by Hwu-ri.	83	"	"	"	10	Taitung District.	
50	"	"	19	11	Taitung District.	84	"	22	01	16	17kmt. NW. of Taitung	
51	"	9	12	21	Taitung District.	85	"	"	18	46	32kms. W. of Taitung	
52	"	"	12	52	40kms. NNE. of Hsinkong	86	"	23	06	55	After Shoch of Province Kan-Su.	
53	"	"	15	17	Near by I-lan.	87	"	"	09	08	Near by Tawu.	
54	"	"	19	40	34kms. N. of Alishan.	88	"	"	11	04	Near by Hwalien.	

No.	month.	(G. M. T.)	P. (G. M. T.)	Epicenter	No.	month.	(G. M. T.)	P. (G. M. T.)	Epicenter
89	Feb.	23 16 33		15kms. SE. of Hsinkong	126	Mar.	12 15 33		Near by Hsinkong.
90	"	" 17 46		50kms. WSW. of Taitung.	127	"	13 08 03		Near by Hsinkong.
91	"	23 19 51		Northern District.	128	"	15 10 38		Hengchun District.
92	"	" 22 04		45kms WNW. of Taitung	129	"	" 15 05		Hengchun District.
93	"	24 10 42		39kms. SE. of Hsinchu.	130	"	17 09 45		Taichung District.
94	"	" 14 42		Hwalien District.	131	"	" 10 35		43kms NE. of Tainan.
95	"	25 02 54		Hwalien District.	132	"	" 22 08		Near by Hwalien.
96	"	" 08 54		Near by Hsinkong,	133	"	18 15 57		Northern District.
97	"	" 09 29		22kms. WNW. of Taitung.	134	"	" 20 49		Near by Hwalien.
98	"	26 18 56		Northern District.	135	"	" 21 11		Near by Hwalien.
99	"	28 00 57		After Shoch of Province Kan-Su.	136	"	19 19 12		Taitung District.
100	"	" 01 07		Heng chun District.	137	"	20 21 25		Near by Taipei
101	"	" 02 54		Near by Tawu.	138	"	21 00 20		Hengchun District.
102	"	" 09 18		Hengchun. District.	139	"	" 23 47		Near by East Pakistan.
103	Mar.	1 16 43		Near by Tawu.	140	"	22 07 03		Near by I-lan.
104	"	2 20 59		Hwalien District.	141	"	" 08 18		Hengchun District.
105	"	3 02 41		63kms, ENE. of Hwalien.	142	"	" 19 37		Near by Hwalien.
106	"	" 06 10		The sea to NE. of New Guinea.	143	"	23 02 47		35kms NW of Hwalien.
107	"	" 19 21		Hwalien District.	144	"	" 18 47		Hengchun. District.
108	"	4 07 05		Near by Tawu.	145	"	24 02 10		Northern District.
109	"	" 10 25		20kms E. of Hengchun.	146	"	" 18 31		Northern District.
110	"	5 05 42		Near by Hwalien.	147	"	25 02 43		190kms SE of Hengchun.
111	"	6 11 17		Near by Hwalien,	148	"	" 12 02		50kms E. of Tawu.
112	"	7 04 30		10kms. E. of Kaohsiung	149	"	" 20 44		40kms NE of Tainan.
113	"	" 07 29		20kms S. of Ilan.	150	"	27 04 07		Near by Hsinkong.
114	"	" 16 05		50Kms SW of I-lan.	151	"	27 05 57		Near by Hsinkong
115	"	" 33		45kms SW. of Hwalien.	152	"	" 11 08		Near by Hwalien.
116	"	" 47		20kms ENE of Hsinkong.	153	"	" 16 30		45kms ESE of Ilan
117	"	" 19 05		Near by Hsinkong.	154	"	29 00 50		Northern District.
118	"	9 05 51		Near by Tawu.	155	"	" 04 02		370kms. SE of Taitung
119	"	" 06 11		33kms NW. of Hwalien.	156	"	" 06 34		uncertain (d)
120	"	10 09 16		46kms ESE. of Taichung.	157	"	30 09 01		Near by Hwalien.
121	"	11 11 52		Northern District.	158	"	" 20		Near by Hwalien.
122	"	" 12 09		Near by Hsinkong.	159	"	" 10 33		Near by Hsinkong
123	"	" 14 54		Taitung District.	160	"	" 11 22		80kms E. of Ilan
124	"	" 17 30		Taitung District.	161	"	" 19 01		Northern District.
125	"	" 19 54		35kms NE. of Chilung.					

Major Earthquakes Which Occurred in January 1954.

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			
1	Hsinkong	09	eP	23 53 28.8	375	425	-	0.3	0.4	-	-	-	-	4.2	I	25kms W. of Hsinkong 23.2° N 121.1° E (d)
	Taitung		eP	29.9	-	-	-	-	-	-	-	-	-	4.9	O	
	Alishan		eP	36.6	-	-	-	-	-	-	-	-	-	6.7	O	
	Taichung		P	49.1	-	-	-	-	-	-	-	-	-	14.5	O	
2	Hwalien	11	P	17 10 03.3	75	118	-	1.8	2.2	-	-	-	-	44.6	O	In the sea to E. of Taitung 22.6° N 125.9° E H=100Kms (d)
	Ilan		P	11.6	83	101	-	1.9	1.9	-	-	-	-	44.6	O	
	Tawu		eP	12.0	-	-	-	-	-	-	-	-	-	49.5	O	
	Taipei		eP	16.8	-	-	-	-	-	-	-	-	-	44.0	O	
	Taichung		P	20.1	-	-	-	-	-	-	-	-	-	52.0	O	
	Tainan		eP	20.7	-	-	-	-	-	-	-	-	-	01 00.2	O	
	Hsinchu		P	23.5	-	-	-	-	-	-	-	-	-	54.8	O	
	Alishan		P	26.8	-	-	-	-	-	-	-	-	-	50.9	O	
3	Taitung	14	eP	18 09 25.6	-	-	-	-	-	-	-	-	-	3.7	O	Between Taitung and Lutau 32.7° N 121.4° E H=0-10Kms (t)
	Hsinkong		iP	32.6	101	175	-	1.0	1.2	-	-	-	-	6.9	I	
	Tawu		iP	37.8	-	-	-	-	-	-	-	-	-	8.3	O	
	Alishan		eP	41.1	-	-	-	-	-	-	-	-	-	14.4	O	
	Hengchun		eP	42.3	-	-	-	-	-	-	-	-	-	-	O	
	Tainan		eP	52.5	-	-	-	-	-	-	-	-	-	16.2	O	
	Taichung		P	55.6	-	-	-	-	-	-	-	-	-	23.4	O	
4	Ilan	15	iP	19 13 39.8	811	998	-	1.2	1.0	-	-	0.3 + 0.3	-	4.5	I	In the sea to E. of Ta-nan-sau 24.5° N 121.9° E H=20Kms (s)
	Taipei		iP	47.4	-	-	-	-	-	-	(+)	(-)	(+)	9.3	I	
	Hwalien		P	50.4	488	530	-	1.1	?	?	-	-	-	7.9	I	
	Hsinchu		P	52.0	-	-	-	-	-	-	-	-	-	10.8	I	
	Taichung		P	55.5	-	-	-	-	-	-	-	-	-	14.7	I	
	Alishan		eP	14 02.3	-	-	-	-	-	-	-	-	-	19.6	O	
Hsinkong		eP	10.8	68	75	-	1.0	1.1	-	-	-	-	20.0	I		

No.	Station	Date	Phase	P (G.M.T.)			Maximum Amplitude			Period			Initial motion			P-S	Intensity	Epicenter & Remarks
				h.	m.	s.	N	E	Z	N	E	Z	N	E	Z			
				°	'	"	°	'	"	°	'	"	°	'	"			
7	Tainan	15	eP	16	13	11.8										7.7 O		
	Taichung		P			14.9										18.3 O		
	Hengchun		eP			15.0										O		
	Hwalien		eP			16.4										17.8 O		
	Hsinkong		eP			18.3										5.2 O		
	Taipei		eP			34.2										O		
	Ilan		eP			45.3										6.9 O		
8	Hwalien	18	eP	20	55	30.0 ± 39										5.0 I	Near Hwalien H = 0 ~ 10 kms (h)	
9	Hsinchu	20	eP	18	40	13.0										O		
	Hengchun		P			25.9	100		4.1						4	26.4 O	After Shock of Province Kan Su 42.5°N 102.5°E H = 20 ~ 40 Kms. (d)	
	Taitung		P			30.2										O		
	Tainan		eP			41.									4	20.3 O		
	Taichung		P			48.5									4	27.7 O		
	Taipei		eP	41	00.0											O		
	Tawu		P			04.7										O		
	Ilan		P	41	14.2	50	64		3.7	4.6					4	25.2 O		
	Alishan		P			29.4									4	26.7 O		
	Hsinkong		P	41	33.0										4	35.8 O		
10	Hsinkong	21	P	15	51	01.4 + 65 + 145			?	1.4						0.3 I	Near Hsinkong (h)	
11	Hsinkong	21	eP	16	36	25.0 + 190 - 195			3.3	3.2						2.0 I	25kms. NW. of Taitung 22.9°N 120.9°E H = 0 ~ 10 kms. (l)	
	Alishan		P			25.0										10.9 I		
	Hsinchu		P			26.1										23.5 O		
	Tainan		iP			27.6										10.3 I		
	Tawu		iP			27.7	126 + 129		1.2	1.2						7.3 O		
	Taitung		P			28.0										6.2 O		
	Hengchun		iP			33.7		186								13.0 O		
	Taichung		P			40.1										18.0 O		
	Hwalien		P			44.8	97 - 127		2.2	1.8						17.8 O		
	Taipei		P	37	01.8											29.6 O		

No.	Station	Date	Phase	P (G.M.T.)			Maximum Amplitude			Period			Initial motion			P-S	Intensity	Epicenter & Remarks
				h.	m.	s.	N	E	Z	N	E	Z	N	E	Z			
				°	'	"	°	'	"	°	'	"	°	'	"			
12	Tawu	22	P	01	16	03.2										8.0 O		
	Tainan		eP			04.2										4.2 O	17kms. NW. of Taitung 22.8°N	
	Taitung		P			09.2										O	121.0°E	
	Hsinkong		P			10.5										9.0 O	H = 0 ~ 10 kms. (Unfelt)	
	Hengchun		eP			13.0										O		
	Alishan		eP			13.4										10.0 O		
13	Taitung	22	P	18	46	03.3										11.3 O		
	Tainan		eP			04.4										8.1 O	32kms. W of Taitung 22.7°N	
	Alishan		eP			04.4										8.9 O	120.8°E	
	Tawu		P			06.8										7.9 O	H = 40kms. (Unfelt)	
	Hengchun		eP			13.1										O		
	Hsinkong		eP			46.3										12.0 O		
14	Hsinkong	22	iP	22	16	32.5	- 480 + 485		1.5	1.8						2.5 I		
	Tainan		iP			39.9	- 392 + 483 + 426		0.8	2.4	2.6					7.6 I	40kms. WNW of Taitung 229°N	
	Tawu		iP			43.2	+ 157 + 199		0.9	0.9						7.5 I	120.8°E	
	Taitung		iP			44.0		+ 603			1.9 + 67.4 - 12.9 - 262.0					4.8 I	H = 0 ~ 10 kms. (l)	
	Alishan		iP			45.6					+ 14.7 + 20.0 - 15.7					10.0 I		
	Hengchun		iP			49.7	+ 69.3 - 642 - 273		1.3	1.3	1.6					13.3 I		
	Taichun		P			55.1										17.2 O		
	Hwalien		P			58.9	+ 127 + 148		3.0	?						21.7 O		
	Taipei		P	17	14.8	+ 188 + 156			1.4	1.1						29.9 O		
	Ilan		iP			17.4	+ 130 + 139		3.8	3.9						28.1 O		
	Hsinchu		P			31.3										22.2 O		
15	Taipei	23	eP	06	55	00.0										O	After Shock of Province Kan Su. 42.5°N 102.5°E H = 20 ~ 40 kms. (d)	
	Taichung		eP			02.3										O		
	Tainan		eP			02.6										O		
	Hsinchu		eP			57.4										O		
16	Alishan	23	eP	17	46	49.0										11.1 O	50kms to WS.W. of Taitung 22.6°N	
	Taitung		P			49.7										6.9 O	120.6°E	
	Tainan		eP			53.9										8.5 O	H = 0 ~ 10 kms.	
	Tawu		eP			54.0										7.5 O	(Unfelt)	

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			
16	Hengchun	23	eP	47 00.0											0	
	Taichung		eP	09.0											22.3	
	Hwalien		eP	28.5											22.1	
	Hsinkong		eP	48 02.8											9.5	
17	Taitung	23	P	22 04 300											0	
	Tainan		eP	33.5											6.2	45kms to WNW of Taitung
	Tawu		P	34.5											4.9	22.8°N 120.7°E
	Alishan		P	37.9											7.8	H=20kms. (Unfelt)
	Hengchun		eP	42.0											0	
	Taichung		eP	52.3											0	
18	Alishan	24	eP	10 42 07.0											16.7	39kms to SE. of Hsinchu.
	I lan		iP	40 4 - 30 - 47				1.1	1.3						7.5	21.5°N 121.2°E
	Hwalien		eP	41.6											10.3	H=0~10 kms. (Unfelt)
	Taipei		eP	48.3											8.5	
	Hsinchu		eP	50.8											0	
	Taichung		eP	51.6											0	
19	Taitung	24	P	14 30 43.1	- 234	+ 146	+ 116	1.7	1.4	0.9	+ 4.3	+ 15.7	+ 28.0		3.4	23kms to SSW. of Taitung
	Tawu		iP	45.0							- 6.7	- 3.2	+ 9.0		4.1	22.5°N 121.0°E
	Hengchun		eP	54.7											0	H=0~10 kms. (l)
	Tainan		eP	59.5											13.2	
	Alishan		eP	31 07.0											17.8	
	Taichung		eP	08.6											20.4	
	Hwalien		eP	10.6											20.4	
Taipei		eP	46.6											0		
20	Hsinkong	25	P	7 59 50.0											0	Near by Hsinkong
	Hsinchu		P	8 00 13.5											201	23.1°N 121.4°E
	Taitung		eP	32.0											5.6	H=20kms. (l)
	Hwalien		eP	35.4 - 18.3											11.5	
	Tawu		iP	37.2							- 0.9	- 0.9	- 2.6		22.1	
	Alishan		iP	38.7							- 7.4	+ 10.0			8.9	
Taichung		P	42.2											15.5		

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			
20	Hengchun	25	eP	8 00 44.8											0	
	Tainan		eP	48.2											13.4	
	I lan		P	53.0 + 29 - 19				2.0	2.0						25.7	
	Taipei		eP	55.9											0	
21	Hsinkong	25	P	09 29 51.5											7.0	
	Tainan		eP	54.7											10.3	22kms to WNW. of Taitung
	Tawu		P	55.4											8.0	22.8°N 120.9°E
	Hengchun		eP	30 05.0											0	H=0~10 kms. (Unfelt)
	Alishan		eP	05.6											10.2	
	Taichung		eP	14.0											12.0	
22	Taipei	28	eP	00 57 32.8											04 48.0	After Shock of Province Kan Su.
	Taichung		eP	49.3											0	42.5°N 102.5°E
	Alishan		P	50.2											04 42.0	H=20~40 kms. (d)
	Hengchun		eP	58.1											0	
	Hwalien		P	58.3											04 13.9	
	Tainan		eP	58 02.4											04 33.7	

Major Earthquakes Which Occurred in March, 1954.

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			
1	Hengchun	03	P	06 09 54.3											05 33.2	In the sea to NE of New Guinea.
	Tawu		P	56.5											05 21.0	H=Shallow (d)
	Taitung		P	59.3											0	
	Tainan		eP	10 02.5											05 41.5	
	I lan		iP	03.3 - 40 - 36				2.6	3.0		- 16.3	+ 10.2	- 19.2		05 42.7	
	Taichung		eP	07.4											05 30.0	
	Hwalien		P	09.4 - 140 - 90				7.5	7.5		- 11.0	+ 5.7			05 33.2	
2	Taipei		iP	13.2					15.0		- 23.0	+ 9.0	- 30.0		05 37.8	
	Alishan		eP	13.9											05 44.4	
2	Alishan	07	eP	04 29 04.4											11.1	10kms E. of Kaohsiung
	Tainan		eP	06.9											5.0	22.6°N 120.4°E
	Taitung		P	07.3											9.2	H=20kms (unfelt)
	Tawu		eP	09.5											8.3	

No.	Station	Date	Phase	P.			Maximum Amplitude			Period			Initial motion			P~S	Intensity	Epicenter & Remarks		
				(G.M.T.)	N	E	Z	N	E	Z	N	E	Z	N	E				Z	
2	Hwalien	07	eP	04 29	12.9	-	-	-	-	-	-	-	-	-	-	22.5	O			
	Hengchun		eP		22.2	-	-	-	-	-	-	-	-	-	-	9.1	O			
	Hsinkong		P		32.5	-	-	-	-	-	-	-	-	-	-	13.4	O			
	Taichung		eP		33.6	-	-	-	-	-	-	-	-	-	-	-	O			
	Taipei		eP	20 07.8		-	-	-	-	-	-	-	-	-	-	-	O			
3	Ilan	07	iP	16 05	26.7	-	59	-	50	-	3.0	2.6	-	9.1 + 15.2	-	11.4	5.8	O	50kms SW. of Ilan. 24.5°N 121.3°E H=20kms (unfelt)	
	Taipei		eP		28.7	-	-	-	-	-	-	-	-	-	-	-	7.0	O		
	Hsinchu		P		31.1	-	-	-	-	-	-	-	-	-	-	-	6.4	O		
	Taichung		P		32.3	-	-	-	-	-	-	-	-	-	-	-	8.7	O		
	Tainan		eP		56.5	-	-	-	-	-	-	-	-	-	-	-	22.9	O		
	Alishan		eP		58.9	-	-	-	-	-	-	-	-	-	-	-	17.8	O		
	Taitung		P	06 05.5		-	-	-	-	-	-	-	-	-	-	-	-	O		
Hengchun		eP		14.0	-	-	-	-	-	-	-	-	-	-	-	-	O			
4	Hsinkong	07	eP	16 47	01.3	-	-	-	-	-	-	-	-	-	-	-	3.2	O	20kms ENE. of Hsin-kong 23.2°N 121.5°E H=0~10kms (unfelt)	
	Ilan		P		15.6	-	-	-	-	-	-	-	-	-	-	-	23.0	O		
	Taipei		eP		22.7	-	-	-	-	-	-	-	-	-	-	-	-	O		
	Taichung		eP		23.8	-	-	-	-	-	-	-	-	-	-	-	-	24.9		O
	Taitung		P		26.7	-	-	-	-	-	-	-	-	-	-	-	-	O		
	Hengchun		eP		44.0	-	-	-	-	-	-	-	-	-	-	-	-	O		
	Tainan		eP		47.2	-	-	-	-	-	-	-	-	-	-	-	-	17.5		O
Alishan		eP		50.0	-	-	-	-	-	-	-	-	-	-	-	-	11.1	O		
5	Hwalien	09	P	01 03	02.9	-	-	-	81	-	-	-	-	-	-	-	4.6	I	Near 17kms. S. of Tainan. H=20kms (l)	
	Ilan		eP		09.2	-	-	-	-	-	-	-	-	-	-	-	5.6	O		
6	Hsinchu	10	eP	09 15	07.4	-	-	-	-	-	-	-	-	-	-	-	8.7	O	46kms ESE. of Taichung 24.1°N 121.2°E H=0~10kms (unfelt)	
	Alishan		eP		30.1	-	-	-	-	-	-	-	-	-	-	-	8.9	O		
	Taichung		P		45.5	-	-	-	-	-	-	-	-	-	-	-	7.7	O		
	Hwalien		P		46.7	-	-	-	-	-	-	-	-	-	-	-	7.5	O		
	Ilan		P	16 00.1		-	-	-	-	-	-	-	-	-	-	-	-	14.3		O
	Taipei		eP		03.4	-	-	-	-	-	-	-	-	-	-	-	-	14.0		O
	Hsinkong		P		04.0	-	-	-	-	-	-	-	-	-	-	-	-	7.5		O
Hengchun		eP		26.0	-	-	-	-	-	-	-	-	-	-	-	-	-	O		
7	Alishan	10	P	11 50	39.1	-	-	-	-	-	-	-	-	-	-	-	3.9	O	25kms SE. of Alishan. 23.4°N121.0°E H=20Kms (l)	
	Hsinkong		P		56.2	-	-	-	-	-	-	-	-	-	-	-	5.4	I		
8	Hwalien	10	P	19 13	07.9	-	177	-	463	-	1.3	1.3	-	+ 5.4	-	-	1.3	I	25kms S. of Hwalien. 23.7°N	
	Ilan		iP		16.6	-	-	-	-	-	-	-	-	-	-	-	14.6	O		

No.	Station	Date	Phase	P.			Maximum Amplitude			Period			Initial motion			P~S	Intensity	Epicenter & Remarks		
				(C.M.T.)	N	E	Z	N	E	Z	N	E	Z	N	E				Z	
8	Hsinkong	10	iP	19 13	19.0	+	138	+	75	-	0.5	0.3	-	+ 7.5	-	-	9.3	I	121.6°E H=0~10kms. (l)	
	Taichung		P		19.2	-	-	-	-	-	-	-	-	-	-	-	13.2	O		
	Hsinchu		P		22.1	-	-	-	-	-	-	-	-	-	-	-	16.9	O		
	Hengchun		eP		24.4	-	-	-	-	-	-	-	-	-	-	-	-	O		
	Alishan		eP		26.0	-	-	-	-	-	-	-	-	-	-	-	-	11.1		O
	Tainan		eP		27.8	-	-	-	-	-	-	-	-	-	-	-	-	19.9		O
	Taipei		P		28.8	-	-	-	-	-	-	-	-	-	-	-	-	11.5		O
9	Taitung		eP		30.0	-	-	-	-	-	-	-	-	-	-	-	-	16.4	O	
	Tawu		iP		31.1	-	-	-	-	-	-	-	-	+ 0.4	-	-	-	21.5	O	
9	Hwalien	13	P	08 34	19.9	-	-	-	181	-	-	?	-	-	+ 10.2	-	1.9	I	Near Hwalien. H=Shallow (l)	
	Hsinkong		P		35.5	-	-	-	-	-	-	-	-	-	-	-	4.0	O		
10	Hwalien	13	P	15 10	25.6	-	-	-	-	-	-	-	-	-	+ 8.1	-	2.1	I	Near Hwalien H=Shallow (l)	
	Taichung		eP	11 02.5		-	-	-	-	-	-	-	-	-	-	-	-	O		
11	Hsinchu	13	P	16 03	07.5	-	-	-	-	-	-	-	-	-	-	-	-	-	12kms W. of Hwalien 23.9°N 121.5°E H=0~10kms (l)	
	Taichung		P		28.5	-	-	-	-	-	-	-	-	-	-	-	-	11.0		O
	Taipei		eP		45.0	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Hwalien		P		47.2	-	168	-	125	-	?	1.1	-	-	4.3	-	-	1.9		I
12	Hwalien	14	eP	01 59	50.6	-	-	-	-	-	-	-	-	-	-	-	-	7.7	O	40kms NE. of Hsinkong 23.3°N 121.7°E H=20kms (l)
	Taitung		P	02 00	25.0	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Hsinkong		P		28.7	-	75	+	50	-	-	-	-	-	-	-	-	4.5	I	
	Alishan		eP		40.0	-	-	-	-	-	-	-	-	-	-	-	-	11.1	O	
13	Alishan	17	P	10 35	14.7	-	-	-	-	-	-	-	-	-	-	-	-	6.7	O	43Kms NE. of Tainan. 23.3°N120.5°E H=0~10kms (unfelt)
	Tainan		P		22.2	-	-	-	-	-	-	-	-	-	-	-	-	6.9	O	
	Taitung		P		29.6	-	-	-	-	-	-	-	-	-	-	-	-	12.1	O	
	Hsinkong		P		31.7	-	-	-	-	-	-	-	-	-	-	-	-	11.5	O	
	Hwalien		eP		38.4	-	-	-	-	-	-	-	-	-	-	-	-	16.6	O	
	Hengchun		eP		40.3	-	-	-	-	-	-	-	-	-	-	-	-	-	O	
	Hsinchu		eP		46.6	-	-	-	-	-	-	-	-	-	-	-	-	-	O	
14	Ilan		eP		51.5	-	-	-	-	-	-	-	-	-	-	-	-	26.4	O	
	Taipei		eP		58.1	-	-	-	-	-	-	-	-	-	-	-	-	-	O	
14	Ilan	21	iP	12 03	02.6	+	50	+	72	-	1.1	1.1	-	-	-	-	11.0	O	115kms ENE. of Hwalien. 24.4°N122.6°E H=60Kms (s)	
	Taipei		eP		04.2	-	-	-	-	-	-	-	-	-	-	-	-	9.6		O
	Hwalien		eP		05.9	-	92	-	72	-	1.3	1.1	-	-	-	-	-	12.2		I

No.	Station	Date	Phase	P.		Maximum Amplitude			Period			Initial motion			P~S	Intensity	Epicenter & Remarks
				(G.M.T.)	(G.M.T.)	N	E	Z	N	E	Z	N	E	Z			
14	Alishan	21	eP	12 03	12.8	-	-	-	-	-	-	-	-	-	21.1	O	
	Hsichu		eP		16.6	-	-	-	-	-	-	-	-	-	15.3	O	
	Taichung		eP		20.0	-	-	-	-	-	-	-	-	-	14.4	O	
	Hsinkong		P		20.8	-	-	-	-	-	-	-	-	-	19.2	O	
	Taitung		P		22.8	-	-	-	-	-	-	-	-	-	-	O	
	Hengchun		eP		35.0	-	-	-	-	-	-	-	-	-	-	O	
15	Tainan	21	iP	23 47	05.2	+ 500	+ 210	-	10.2	7.8	- ±	0 + 18.1	(+)	04 08.5	O	Near Pakistan	
	Taichung		iP		07.2	+ 436	+ 546	-	7.8	9.5	- ±	0 + 19.0	(+)	03 54.0	O	(d)	
	Alishan		iP		07.5	- 60	- 200	-	6.0	9.0	- ±	0 + 13.6 + 10.9		04 08.0	O		
	Tawu		iP		11.7	-	-	-	-	-	-	-	+ 14.0	04 40.7	O		
	Taipei		iP		12.3	+ 238	+ 455	-	7.5	9.2	- ±	0 + 6.7	?	04 09.2	O		
	Ilan		iP		15.4	- 141	- 400	-	5.8	8.6	- ±	0 + 19.0 + 21.4		04 18.1	O		
	Hwalien		iP		16.3	- 374	+ 372	-	8.4	1.0	- ±	0 + 15.0 + 23.2		04 22.3	O		
	Hsinchu		P		18.9	-	-	-	-	-	-	-	-	-	-	O	
	Taitung		iP		19.3	+ 239	+ 187	-	8.5	7.7	- ±	0 + 11.0	(+)	04 29.0	O		
	Hengchun		iP	48 12.0	+ 550	-	-	-	11.4	-	-	5.4 + 13.4 + 20.0		04 05.8	O		
Hsinkong		P		15.1	-	-	-	-	-	-	-	-	04 07.9	O			
16	Tainan	25	P	20 44	207	-	-	-	-	-	-	-	-	6.2	O	40kms NE of Tainan.	
	Hsinkong		P		21.4	-	-	-	-	-	-	-	-	12.2	O	23.2°N. 120.5°E	
	Alishan		eP		24.7	-	-	-	-	-	-	-	-	6.7	O	H=0~10 kms (unfelt)	
	Hengchun		eP		38.0	-	-	-	-	-	-	-	-	-	O		
	Taitung		eP		38.2	-	-	-	-	-	-	-	-	-	O		
	Hwalien		eP		44.4	-	-	-	-	-	-	-	-	18.8	O		
17	Hsinkong	27	eP	11 02	39.2	+ 150	-	-	0.5	-	-	-	-	2.3	I	Near Hsinkong H=0~10kms (l)	
	Hwalien		eP		45.4	-	-	-	-	-	-	-	-	6.6	O		
18	Taitung	29	P	04 02	02.6	-	-	-	-	-	-	-	-	35.5	O	370kms SE. of Taitung (d)	
	Tainan		iP		07.7	+ 232	- 145	- 102	3.8	4.2	3.8	(+)	(+)	- 8.1	43.6	O	
	Hengchun		iP		23.1	- 440	+ 448	- 145	2.6	2.1	2.4	- 14.1	+ 4.2	- 19.1	30.8	O	
	Alishan		P		29.5	-	-	-	-	-	-	-	-	-	45.0	O	
	Hwalien		P		32.4	- 263	+ 215	-	4.4	2.5	-	-	-	-	44.6	O	
Taichung		P		34.1	- 152	+ 112	-	3.5	3.0	-	-	-	-	50.0	O		

No.	Station	Date	Phase	P.		Maximum Amplitude			Period			Initial motion			P~S	Intensity	Epicenter & Remarks
				(G.M.T.)	(G.M.T.)	N	E	Z	N	E	Z	N	E	Z			
18	Ilan	29	iP	04 02	24.2	- 141	+ 190	-	3.1	3.1	-	-	-	-	01 4.5	O	
	Taipei		P		26.5	+ 100	- 140	-	3.2	2.6	-	(-)	± 0	?	01 4.3	O	
	Hsinchu		P		48.0	- 216	+ 228	-	3.9	2.6	-	12.0 ±	0	?	59.5	O	
	Tawu		iP		54.2	- 100	+ 91	- 81	2.4	2.9	2.3	- 9.7	+ 1.6	- 2.5	36.0	O	
	Hsinkong		eP		55.6	- 140	+ 179	-	2.7	3.3	-	-	-	-	38.1	O	
	Hsinkong	31	eP	01 12	05.5	-	-	-	-	-	-	-	-	-	3.6	I	Near Hsinkong H=Shallow. (l)

地震季報

第一卷 第二號

中華民國四十三年四、五、六月



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GENERAL ASPECT OF EARTHQUAKES

April to June 1954.

4) In April, the number of occurrence of earthquakes was amounted up to a figure of seventy and closes to the number in the month of March. Among them, eight were classified as felt earthquakes and the remains were unfelt ones. Most of the felt earthquakes in this month were local earthquakes, but among them, two were classified as small felt area earthquakes. Among these felt earthquakes, four were occurred at Hwalien district, three at Taitung district, and the last one was occurred at Northern district. Two small felt area earthquakes were happened on 5th and 12th of April. One of those epicenters was located at the 62 kms. to east of Ilan and the other at 70 kms. to east-northeast of Hwalien.

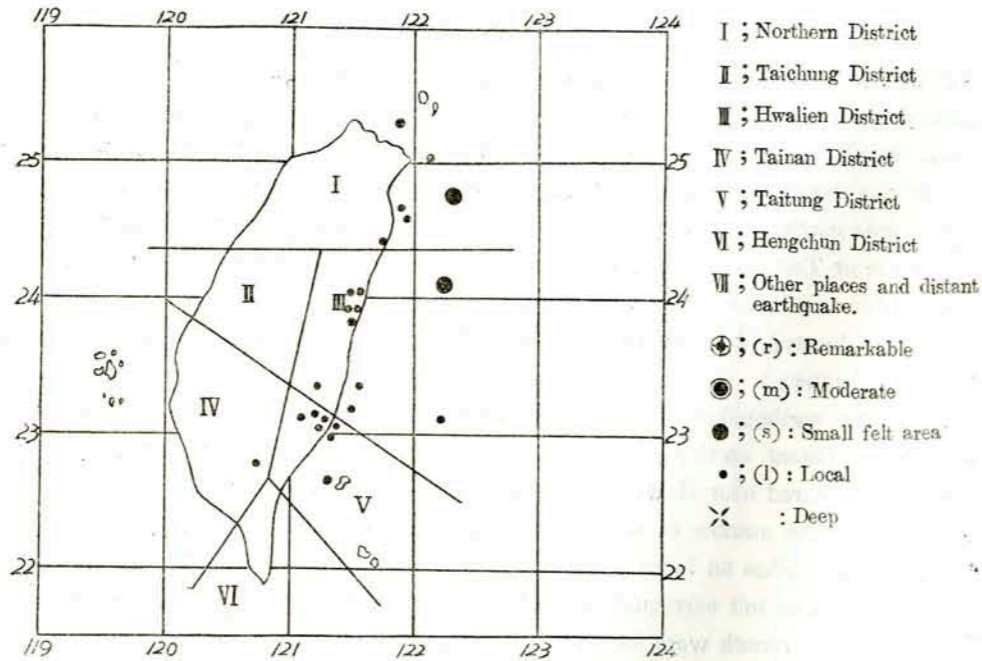
Most of the earthquakes during this month occurred under the sea to the east of Taiwan. Three distant earthquakes were recorded by the seismographs in this institute. The first was occurred near Hawaiian Is. and the others were uncertain.

5) In May, the number of occurrence of earthquakes was amounted up to a figure of eighty-seven and has an increase in comparison to the month of April. Among them, six were classified as felt earthquakes and the remains were unfelt ones. All of the felt earthquakes in this month were local earthquakes. Among these felt earthquakes, three were occurred at Hwalien, two at Taitung, and the last one was occurred at Northern district. Seven distant earthquakes were recorded by the seismographs in this institute. The first was at 9500 kms. from Taipei.

Another was located at 340 kms. to northwest of Taipei. The third was located at 510 kms. to southeast of Hengchun. The next was at the vicinity of Ogasawara Is., Jaqan. The fifth was located at 315 kms. to east of Ilan. The sixth was located near Yap Is. and the last one was happened at 600 kms. to southwest of Nansha Is..

6) In June, the number of occurrence of earthquakes was eighty-nine and increased two cases more than the month of May. Among them, ten were classified as felt earthquakes and the remains were unfelt ones. The felt earthquakes in this month were all local earthquakes. Among these felt earthquakes, six were occurred at Hwalien, two at Taitung, one at Tainan, and the last one was occurred in Northern district. Most of the earthquakes in this month happened under the sea to the east of Taiwan. seven distant earthquakes were recorded by the seismographs at Taiwan. The first was reported at 3350 kms. from Taiwan. Another was located at 1170 kms. to southsoutheast of Guam Is., and the third was in the sea to east of Philippines Is.. The fourth was estimated at a distance of 1800 kms. from Taiwan. The fifth was located at 2600 kms. from Hengchun. The sixth was happened near Swatow, and last one was uncertain.

Epicenters of Felt Earthquakes in April to June, 1954.



Number of earthquakes classified according to its magnitudes and districts April to June, 1954.

Classification	Number of felt earthquakes					Number of Unfelt Earthquakes	Total
	Magnitudes	Remarkable	Moderate	Small felt area	Local		
Districts							
Northern District		—	—	1	2	3	27
Taichung District		—	—	—	—	—	9
Hwalien District		—	—	1	13	14	84
Tainan District		—	—	—	1	1	13
Taitung District		—	—	—	6	6	70
Hengchun District		—	—	—	—	—	27
Other Places		—	—	—	—	—	16
Total		—	—	2	22	24	246

Felt Earthquakes in the of Month April to June, 1954.

No.	Month	(G. M. T.)	P. M. T.	Mag-nitude	Epicenter	Latitude	Longitude	Depth.
25	April	d. h. m.	2 14 23	1	Near Hwalien	N.	E.	kms
26	"	d. h. m.	3 11 40	1	Near Hsinkong			

No.	Month	(G. M. T.)	P. M. T.	Mag-nitude	Epicenter	Latitude	Longitude	Depth.
27	April	d. h. m.	4 15 22	1	Near Hwalien	N. 23.9	E. 121.7	60
28	"	d. h. m.	5 18 54	s	62 kms. E of Ilan	24.7	122.3	20
29	"	d. h. m.	6 09 11	l	90 kms. E of Hsinkong	23.1	122.2	20
30	"	d. h. m.	12 20 59	s	70 kms. ENE of Hwalien	24.1	122.2	0~10
31	"	d. h. m.	14 07 06	l	22 kms. WNW of Hsinkong	23.1	121.1	0~10
32	"	d. h. m.	17 12 16	l	Near Hsinkong			
33	May	d. h. m.	5 13 28	l	Near Hsinkong			
34	"	d. h. m.	7 01 05	l	35 kms ENE of Hwalien	24.1	121.9	0~10
35	"	d. h. m.	16 02 14	l	50 kms. NE of Ilan	25.1	122.1	80
36	"	d. h. m.	17 19 55	l	35 kms. NE of Hwalien	24.2	121.8	0~10
37	"	d. h. m.	27 21 31	l	Near Hwalien			
38	"	d. h. m.	28 16 49	l	27 kms. ESE of Taitung	22.7	121.4	20
39	June	d. h. m.	5 09 12	l	44 kms. ENE of Kaohsiung	23.7	120.7	20
40	"	d. h. m.	6 17 02	l	55 kms. S of Hwalien	23.5	121.6	0~10
41	"	d. h. m.	14 12 38	l	Near Hwalien			
42	"	d. h. m.	16 21 56	l	28 kms. NE of Hsinkong	24.2	121.6	20
43	"	d. h. m.	18 05 22	l	20 kms N of Pi-tau-chu	25.3	121.9	60
44	"	d. h. m.	19 19 37	l	Near Hsinkong			
45	"	d. h. m.	20 00 31	l	Near Hsinkong			
46	"	d. h. m.	26 01 19	l	Near Hwalien			
47	"	d. h. m.	26 23 20	l	32 kms. NNW of Hsinkong	23.4	121.3	0~10
48	"	d. h. m.	27 07 51	l	Near Hwalien	23.9	121.6	10~20

Unfelt Earthquakes in The Month of April to June, 1954.

No.	Month	(G. M. T.)	P. M. T.	Epicenter	No.	Month	(G. M. T.)	P. M. T.	Epicenter
162	Mar.	d. h. m.	31 17 49	Hwalien District	170	April	d. h. m.	4 10 04	Near Hwalien
163	"	d. h. m.	31 18 36	Near Hawaiian Is.	171	"	d. h. m.	4 21 02	Near Ilan
164	April	d. h. m.	1 13 18	Near Hwalien	172	"	d. h. m.	4 23 03	77 kms. E of Hwalien
165	"	d. h. m.	2 10 40	Near Hwalien	173	"	d. h. m.	4 23 19	After shock of above earthquake
166	"	d. h. m.	2 17 37	Near Hwalien	174	"	d. h. m.	5 12 43	Near Hwalien
167	"	d. h. m.	3 02 47	Hwalien District	175	"	d. h. m.	5 19 36	Taitung District
168	"	d. h. m.	3 08 08	Hwalien District	176	"	d. h. m.	6 05 03	Near Ilan
169	"	d. h. m.	3 23 06	Near Tawu	177	"	d. h. m.	6 12 06	Near Hwalien

No.	Month.	P. M. T.)			Epicenter	No.	Month.	P. M. T.)			Epicenter
		(G.	M.	T.)				(G.	M.	T.)	
		d.	h.	m.			d.	h.	m.		
178	April	7	02	12	64 kms. E of Hwalien	212	April	26	08	45	Near Hsinkong
179	"	7	11	24	Hengchun District	213	"	26	10	29	Near Hsinkong
180	"	7	14	59	Near Hsinkong	214	"	26	21	08	39 kms. ENE of Hwalien
181	"	7	17	23	Northern district	215	"	27	13	53	Near Hsinkong
182	"	7	21	07	86 kms. ENE of Hwalien	216	"	27	13	54	Near Hsinkong
183	"	7	22	51	Near Hwalien	217	"	27	17	04	114 kms. E of Hwalien
184	"	8	06	33	Near Hsinkong	218	"	27	23	52	Near Hsinkong
185	"	8	07	26	Near Hsinkong	219	"	28	07	59	Near Hwalien
186	"	8	08	09	25 kms. WNW of Hsinkong	220	"	29	06	42	Near Hengchun
187	"	8	10	30	Near Hsinkong	221	"	29	11	57	Distance
188	"	8	20	20	Near Hsinkong	222	"	30	12	29	Near Hsinkong
189	"	9	01	30	Northern District	223	"	30	13	14	Distance
190	"	9	01	33	Northern district	224	"	30	19	06	Near Hsinkong
191	"	9	07	16	255 kms. SE of Hengchun	225	May.	1	10	30	137 kms. E of Ilan
192	"	9	07	29	After shock of above earthquake	226	"	1	12	45	Near Hwalien
193	"	10	01	57	Hengchun District	227	"	1	18	04	Near Hsinkong
194	"	10	12	28	Hwalien District	228	"	1	18	07	300 kms. ESE of Hengchun
195	"	10	15	32	Hengchun District	229	"	2	08	06	28 kms. SW of Hengchun
196	"	11	03	30	Near Hsinkong	230	"	2	10	05	85 kms. SSE of Hengchun
197	"	11	02	58	30 kms. NNE of Hsinkong	231	"	2	11	23	Hwalien District
198	"	12	04	52	64 kms. ES of Hwalien	232	"	2	13	32	Taichung District
199	"	13	05	18	35 kms. ENE of Tainan	233	"	2	14	04	Taichung District
200	"	15	02	22	13 kms. WSW of Hsinkong	234	"	2	18	00	9500 kms. from Taipei
201	"	15	05	04	Near Hsinkong	235	"	2	21	40	Taichung District
202	"	18	11	38	64 kms. W of Hsinchu	236	"	2	23	42	Near Hwalien
203	"	18	19	32	Near Tawu	237	"	3	00	52	Hwalien District
204	"	19	06	58	64 kms. ENE of Taitung	238	"	3	15	46	Northern District
205	"	22	11	14	Near Hwalien	239	"	3	18	31	Northern District
206	"	23	16	27	Tainan District	240	"	4	09	33	35 kms. ENE of Tainan
207	"	24	00	08	Near Hwalien	241	"	4	09	38	33 kms. NW of Tainan
208	"	24	01	42	Near Hwalien	242	"	5	09	16	Near Hsinkong
209	"	25	11	22	Near Hsinkong	243	"	5	11	16	60 kms. SSE of Tawu
210	"	25	14	39	126 kms. ESE of Ilan	244	"	5	16	31	Hwalien District
211	"	25	23	45	Taichung district	245	"	5	18	55	Near Hwalien

No.	Month.	P. M. T.)			Epicenter	No.	Month.	P. M. T.)			Epicenter
		(G.	M.	T.)				(G.	M.	T.)	
		d.	h.	m.			d.	h.	m.		
246	May.	5	19	31	Near Hwalien	280	May.	19	02	37	Near Hwalien
247	"	6	08	34	Near Garambi	281	"	20	04	13	75 kms NE of Ilan
248	"	6	10	04	Near Hsinkong	282	"	23	05	43	Near Hsinkong
249	"	6	13	51	Tainan District	283	"	23	07	00	Near Yap Island
250	"	7	04	39	190 kms. E of Taitung	284	"	23	09	34	Near Hsinkong
251	"	7	09	05	16 kms. ENE of Tainan	285	"	24	03	24	Taitung District
252	"	7	10	26	Near Hwalien	286	"	24	04	26	Hengchun District
253	"	8	16	49	Taitung District	287	"	24	04	38	Taitung District
254	"	8	19	32	45 kms. NE of Alishan	288	"	24	10	29	43 kms. SE of Tainan
255	"	9	04	24	170 kms. E of Tawu	289	"	24	21	34	95 kms. ESE of Hwalien
256	"	9	13	41	Near Hengchun	290	"	24	21	51	85 kms. SE of Hwalien
257	"	9	20	45	340 kms. NW of Taipei	291	"	25	06	21	42 kms. SE of Taichung
258	"	10	07	59	510 kms. SE of Hengchun	292	"	25	11	54	Taitung District
259	"	10	18	10	40 kms. ESE of Ilan	293	"	26	19	44	100 kms. E of Hengchun
260	"	12	19	10	Taichung District	294	"	26	23	43	55 kms S of Hwalien
261	"	12	23	43	Hwalien District	295	"	27	11	26	55 kms. S of Hwalien
262	"	12	23	59	Near Hwalien	296	"	27	16	22	600 kms SW of Nansha Is.
263	"	13	01	50	Hwalien District	297	"	27	16	26	Hwalien District
264	"	14	10	19	30 kms. SSW of Hengchun	298	"	29	22	21	45 kms. ENE of Tainan
265	"	14	10	54	Hengchun District	299	"	30	01	26	Hengchun District
266	"	14	15	08	69 kms. ESE of Tawu	300	"	30	06	02	Near Hwalien
267	"	14	22	43	Near ogasawara Is. Japan	301	"	30	06	44	Near Hwalien
268	"	14	23	26	Hengchun District	302	"	30	15	23	Tainan District
269	"	15	01	35	Near Hsinkong	303	"	31	03	56	Near Hwalien
270	"	15	03	21	Near Hsinkong	304	"	31	09	07	Northern District
271	"	15	09	29	Near Hsinkong	305	June	1	09	10	Near Hwalien
272	"	15	12	13	Near Hsinkong	306	"	1	10	14	Taitung District
273	"	15	12	39	Near Hsinkong	307	"	1	13	20	Tainan District
274	"	15	21	53	Near Hwalien	308	"	4	01	13	38 kms. ESE of Ilan
275	"	17	01	11	Near Hwalien	309	"	4	02	09	175 kms. ESE of Hwalien
276	"	17	16	19	Near Hsinkong	310	"	4	02	55	61 kms. NE of Taichung
277	"	17	17	55	45 kms SSE of Hwalien	311	"	4	03	50	Near Hwalien
278	"	18	10	14	315 kms. E of Ilan	312	"	4	05	38	Northern District
279	"	18	21	51	Near Hsinkong	313	"	4	06	03	70 kms. E of Hwalien

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	m	s		
	Tawu		P	41.3	-	-	-	-	-	-	-	-	-	18.8	O		
	Hengchun		eP	51.4	-	-	-	-	-	-	-	-	-	22.5	O		
	Hwalien		eP	58.9	-	-	-	-	-	-	-	-	-	21.6	O		
6	Alishan	9	eP	20 45 13.7	-	-	?	1.6	2.0	?	-	-	-	52.2	O	340kms NW of Taipei	
	Ilan		iP	18.9	-	91	+ 84	?	1.4	1.5	?	-	-	01 00.4	O	27.0° N	
	Taipei		P	20.6	+	63	- 55	?	2.9	2.1	?	-16.0	+ 6.6	?	40.8	O	119.0° E
	Hwalien		eP	23.2	-	78	+ 58	-	-	-	-	-	-	50.4	O	H=0~10 kms (d)	
	Taitung		eP	29.5	-	-	-	-	-	-	-	-	-	-	O		
	Taichung		P	30.5	-	-	-	-	-	-	-	-	-	01 05.0	O		
	Tainan		eP	38.9	-	-	-	-	-	-	-	-	-	40.7	O		
	Hengchun		P	40.9	-	-	-	-	-	-	-	-	-	55.8	O		
	Hsinchu		P	52.2	-	-	-	-	-	-	-	-	-	33.5	O		
7	Taipei	10	P	07 59 47.0	-	-	-	-	-	-	-	-	-	42.4	O	510kms SE of Hengchun	
	Alishan		eP	47.0	-	-	-	-	-	-	-	-	-	01 00.0	O	18.5° N	
	Hwalien		eP	49.8	-	-	-	-	-	-	-	-	-	01 06.6	O	123.5° E	
	Ilan		P	51.9	-	34	- 46	-	1.8	1.8	-	-	-	01 12.4	O	H=80kms (d)	
	Taichung		eP	08 00 01.1	-	-	-	-	-	-	-	-	-	-	O		
	Tawu		P	01.6	-	-	-	-	-	-	-	-	-	34.5	O		
	Hengchun		eP	07.7	-	-	-	-	-	-	-	-	-	47.8	O		
	Tainan		eP	14.0	-	-	-	-	-	-	-	-	-	-	O		
	Hsinchu		P	27.3	-	-	-	-	-	-	-	-	-	38.0	O		
8	Taipei	14	P	22 43 13.0	-	-	-	-	-	-	-	-	+ 9.0	03 04.9	O	Near Ogasawara Is. Japan.	
	Alishan		eP	16.9	-	-	-	-	-	-	-	-	-	03 22.2	O	H=80kms (d)	
	Hwalien		eP	25.4	-	-	-	-	-	-	-	-	-	03 08.0	O		
	Hsinkong		P	31.8	-	-	-	-	-	-	-	-	-	03 21.1	O		
	Tawu		iP	37.6	+	12	- 13	?	3.6	4.5	?	- 2.0	- 3.1	?	03 28.6	O	
	Tainan		eP	37.8	-	-	-	-	-	-	-	-	-	-	O		
	Taitung		eP	38.4	-	-	-	-	-	-	-	-	-	03 29.0	O		
	Hengchun		P	40.5	-	-	-	-	-	-	-	-	-	03 27.7	O		
9	Tanshui	16		02 14 00.0	-	-	-	-	-	-	-	-	-	-	I		
	Alishan		eP	14 05.3	-	-	-	-	-	-	-	-	-	24.5	O		
	Ilan		P	08.4	+	64	+ 39	- 58	1.0	1.0	1.0	-	-	-	10.4	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	m	s		
	Taipei		P	10.1	-	-	-	-	-	-	-	-	-	10.8	O	50kms NE of Ilan	
	Hwalien		eP	13.1	±	38	- 39	- 84	?	1.1	0.6	-	-	15.0	O	25.1° N	
	Taichung		eP	19.7	-	-	-	-	-	-	-	-	-	18.2	O	123.1 E	
	Hsinkong		P	25.6	-	-	-	-	-	-	-	-	-	22.4	O	H=80kms (d)	
10	Alishan	18	eP	10 14 48.9	-	-	-	-	-	-	-	-	-	51.1	O	315kms E of Ilan	
	Taitung		eP	51.3	-	-	-	-	-	-	-	-	-	01 04.4	O	24.7° N	
	Ilan		P	55.0	-	80	+ 80	+ 41	1.8	1.6	1.4	-	-	01 17.0	O	124.8° E	
	Hwalien		eP	55.6	-	62	+ 79	?	2.9	2.1	?	-	-	41.1	O	H=0~10 kms (d)	
	Taipei		P	57.4	+	56	+ 60	?	1.8	1.9	?	-	-	41.1	O		
	Hsinkong		P	15 02.9	-	-	-	-	-	-	-	-	-	48.0	O		
	Tawu		eP	09.9	-	-	-	-	-	-	-	-	-	01 01.6	O		
	Taichung		eP	10.3	-	-	-	-	-	-	-	-	-	50.7	O		
	Hsinchu		eP	11.4	-	-	-	-	-	-	-	-	-	47.2	O		
	Hengchun		P	19.1	-	-	-	-	-	-	-	-	-	54.1	O		
	Tainan		eP	28.9	-	-	-	-	-	-	-	-	-	01 01.0	O		
11	Hsinkong	23	P	07 00 19.9	-	-	-	-	-	-	-	-	-	-	O	Near Yap Is.	
	Hengchun		P	01 09.6	-	-	-	-	-	-	-	-	-	03 31.5	O	H=240 kms (d)	
	Alishan		eP	12.0	-	-	-	-	-	-	-	-	-	-	O		
	Tawu		P	14.8	-	-	-	-	-	-	-	-	-	03 35.4	O		
	Tainan		P	23.0	-	-	-	-	-	-	-	-	-	03 57.3	O		
	Hwalien		eP	30.0	-	-	-	-	-	-	-	-	-	03 56.8	O		
	Taipei		eP	50.9	-	-	-	-	-	-	-	-	-	03 41.0	O		
12	Hwalien	24	ep	21 34 42.2	-	-	-	-	-	-	-	-	-	10.8	O	95kms ESE of Hwalien	
	Alishan		ep	43.9	-	-	-	-	-	-	-	-	-	-	O	23.7° N	
	Ilan		ip	48.6	-	32	- 33	+ 14	1.9	2.1	1.8	- 5.1	+ 5.4	- 6.1	14.0	C	123.4° E
	Taipei		P	54.3	-	-	-	-	-	-	-	-	-	18.2	O	H=60kms (Unfelt)	
	Hsinkong		ep	54.5	-	-	-	-	-	-	-	-	-	13.4	O		
	Taichung		ep	35 04.2	-	-	-	-	-	-	-	-	-	-	O		
	Taitung		P	06.0	-	-	-	-	-	-	-	-	-	-	O		
	Hsinchu		ep	07.3	-	-	-	-	-	-	-	-	-	20.1	O		
	Tawu		P	08.5	-	-	-	-	-	-	-	-	-	24.4	O		
	Hengchun		ep	11.1	-	-	-	-	-	-	-	-	-	25.1	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			
	Hengchun		eP	22.6	-	-	-	-	-	-	-	-	-	-	0	
	Taipei		eP	31.2	-	-	-	-	-	-	-	-	-	22.2	0	
	Hsinkong		P	51.3	-	-	-	-	-	-	-	-	-	06.8	I	
	Hsinchu		eP	03 07.3	-	-	-	-	-	-	-	-	-	-	0	
6	Tawu	7	iP	10 22 22.1	-	-	-	-	-	-	+ 1.8	- 2.5	+ 5.4	05 56.7	0	1170kms SSE of Guam Island 4.9° N 150.5° E (d)
	Tainan		P	27.9	-	-	-	-	-	-	-	-	-	-	0	
	Hwalien		iP	41.2	- 54	+ 32	- 57	6.9	3.6	3.9	+ 6.2	- 3.7	+ 18.0	05 36.8	0	
	Hsinkong		P	42.0	-	-	-	-	-	-	-	-	-	-	0	
	Taitung		P	43.0	-	-	-	-	-	-	-	-	-	-	0	
	Taichung		P	43.3	-	-	-	-	-	-	-	-	-	-	0	
	Taipei		P	47.6	-	-	-	-	-	-	-	-	-	05 40.7	0	
	Alishan		P	49.1	-	-	-	-	-	-	-	-	-	05 35.6	0	
	Ilan		iP	23 06.6	- 24	+ 29	+ 29	3.7	3.3	3.2	+ 14.9	- 14.6	+ 25.5	05 26.9	0	
	Hsinchu		eP	40.9	-	-	-	-	-	-	-	-	-	-	0	
7	Hsinkong	9	P	10 04 09.2	-	-	-	-	-	-	-	-	-	01 03.9	0	The sea to E of Philippines Is. (d)
	Tawu		P	22.3	-	-	-	-	-	-	-	-	-	01 29.8	0	
	Alishan		eP	23.2	-	-	-	-	-	-	-	-	-	01 13.1	0	
	Hengchun		eP	24.5	-	-	-	-	-	-	-	-	-	-	0	
	Taitung		eP	26.3	-	-	-	-	-	-	-	-	-	-	0	
	Hwalien		eP	27.6	-	-	-	-	-	-	-	-	-	01 16.2	0	
8	Tawu	10	P	22 41 07.3	-	-	-	-	-	-	-	-	-	-	0	1800kms off Taiwan (d)
	Hsinkong		P	09.2	-	-	-	-	-	-	-	-	-	-	0	
	Alishan		P	40.8	-	-	-	-	-	-	-	-	-	03 03.3	0	
	Hengchun		ep	45.3	-	-	-	-	-	-	-	-	-	03 05.2	0	
9	Hwalien	11	eP	09 28 38.5	-	-	-	-	-	-	-	-	-	19.8	0	128kms ENE of Hwalien 24.4° N 122.8° E H=20kms (Unfelt)
	Taichung		eP	40.4	-	-	-	-	-	-	-	-	-	25.3	0	
	Ilan		eP	44.3	-	-	-	-	-	-	-	-	-	12.8	0	
	Taipei		eP	47.4	-	-	-	-	-	-	-	-	-	15.7	0	
	Hsinkong		P	50.3	-	-	-	-	-	-	-	-	-	19.5	0	
	Alishan		eP	29 03.7	-	-	-	-	-	-	-	-	-	25.8	0	
	Hengchun		eP	29 12.5	-	-	-	-	-	-	-	-	-	-	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				
10	Hengchun	13	P	17 27 02.6	-	-	-	-	-	-	-	-	-	-	04 09.3	0	2600kms from Hengchun (d)
11	Tawu	16	P	21 56 07.2	-	-	-	-	-	-	-	-	-	-	04.7	0	28kms NE of Hsinkong 24.2° N 121.6° E H=20kms (1)
	Hsinkong		P	19.3	-	-	-	-	-	-	-	-	-	-	4.8	I	
	Hwalien		P	25.9	+ 48	+ 58	+ 48	1.3	1.7	?	-	-	-	-	12.2	0	
	Taichung		P	32.8	-	-	-	-	-	-	-	-	-	-	15.7	0	
	Tainan		eP	33.2	-	-	-	-	-	-	-	-	-	-	27.5	0	
	Taitung		eP	33.6	-	-	-	-	-	-	-	-	-	-	08.0	0	
	Ilan		eP	43.1	-	-	-	-	-	-	-	-	-	-	17.1	0	
	Taipei		P	46.5	-	-	-	-	-	-	-	-	-	-	-	0	
	Hengchun		eP	58.1	-	-	-	-	-	-	-	-	-	-	-	0	
12	Hwalien	17	eP	02 11 03.0	- 61	+ 45	- 20	2.1	2.1	2.3	-	-	-	-	02 37.5	0	Near Amoy (Unfelt)
	Taipei		eP	12 13.7	+ 73	+ 100	- 26	1.7	2.1	1.8	-	-	-	-	48.4	0	
	Hsinchu		P	21.5	+ 56	+ 43	?	2.5	3.5	?	-	-	-	-	48.8	0	
	Ilan		eP	30.5	+ 94	+ 74	?	3.2	2.6	?	-	-	-	-	01 05.0	0	
	Alishan		eP	36.1	-	-	-	-	-	-	-	-	-	-	01 08.9	0	
	Taichung		eP	53.2	- 49	- 56	?	2.2	2.6	?	-	-	-	-	35.0	0	
	Hsinkong		P	13 03.2	-	-	-	-	-	-	-	-	-	-	02 00.0	0	
	Tawu		P	19.2	+ 8	- 18	?	1.9	2.6	?	-	-	-	-	49.3	0	
	Hengchun		eP	39.9	-	-	-	-	-	-	-	-	-	-	41.6	0	
	Tainan		eP	42.1	-	-	-	-	-	-	-	-	-	-	-	0	
	Taitung		P	55.1	-	-	-	-	-	-	-	-	-	-	01 36.2	0	
13	Hwalien	17	eP	05 50 58.7	+ 60	- 32	- 20	3.6	3.6	3.2	-	-	-	-	01 10.6	0	Near Swatow (d)
	Ilan		eP	51 01.3	- 37	- 25	?	3.7	3.5	?	-	-	-	-	02 01.8	0	
	Taipei		eP	02.5	- 27	+ 23	?	2.6	3.0	?	-	-	-	-	01 08.9	0	
	Taichung		eP	34.1	-	-	-	-	-	-	-	-	-	-	-	0	
	Tawu		P	48.3	-	-	-	-	-	-	-	-	-	-	52.0	0	
	Hsinkong		P	52 05.3	-	-	-	-	-	-	-	-	-	-	45.3	0	
	Hsinchu		eP	18.0	-	-	-	-	-	-	-	-	-	-	-	0	
	Taitung		P	36.1	-	-	-	-	-	-	-	-	-	-	-	0	
14	Hwalien	17	P	17 43 44.7	- 118	+ 128	+ 392	2.1	?	?	?	-	+ 10.0	06.7	0	59kms to ENE of Hwalien	
	Alishan		P	56.9	-	-	-	-	-	-	-	-	-	-	17.5	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			
					μ	μ	μ	s	s	s	μ	μ	μ			
23	Hwalien	27	P	07 51 48.9	- 550	- 380	?	?	?	?	-	-	-	00.5	I	Near Hwalien
	Alishan		eP	51.4	-	-	-	-	-	-	-	-	-	11.1	O	23.9° N
	Taichung		eP	52 02.1	-	-	-	-	-	-	-	-	-	11.6	O	121.6° E
	Ilan		eP	03.5	-	-	-	-	-	-	-	-	-	26.1	O	H = 10 ~ 20 kms
	Taipei		P	05.2	-	-	-	-	-	-	-	-	-	13.3	O	(1)
	Hsinkong		P	24.3	-	-	-	-	-	-	-	-	-	11.1	O	

地震季報

第一卷 第三號

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General Aspect of Earthquakes

July to September 1954.

7) In July the number of occurrence of earthquakes was amounted up to a figure of one hundred and four and has an increase in comparison to the month of June. Among them, nine were classified as felt earthquakes and the remains were unfelt ones. The felt earthquakes in this month, three were classified as small felt area earthquakes and the remains were local ones.

Among these felt earthquakes, six were occurred in Hwalien district, two in Taitung district, and the last was occurred in Taichung district.

Three small felt area earthquakes were happened on 1st, 3rd, and 21th of July. The epicenters of these earthquakes were located as follows: one at 76kms. SE. of Hwalien, another at 125kms ESE. of Ilan, and the third at 34kms. SE. of Hwalien.

Eleven distant earthquakes were recorded by the seismographs in this Institute. The first was occurred in the sea to E. of Legaspi, Philippines Is.. Another in the sea to SW. of Java. The third at 30kms. SE. of Tiva pref., paper reported in Japan with it's after shock at a time. The fourth was happened in Indochina. The fifth was located at upper part of yellow River in China with it's after shock three times and the remains were uncertain.

8) In August, the number of occurrence of earthquakes was eighty-five and has a decrease in comparison to the month of July. Among them, five were classified as felt earthquakes and the rest were unfelt ones.

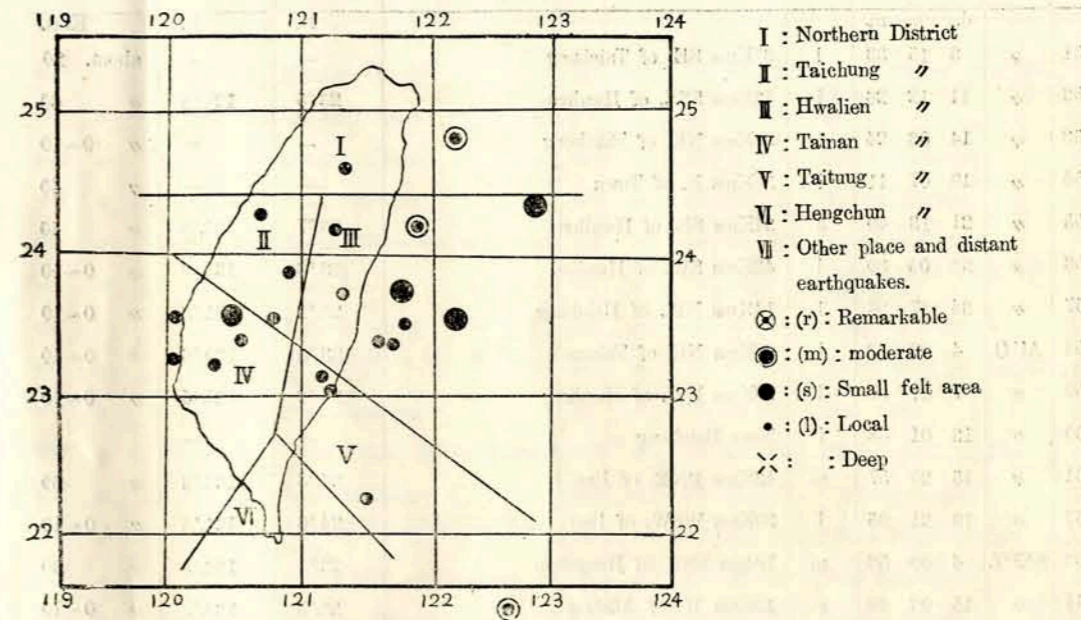
A moderate earthquakes was happened on 15th of August, and it's epicenter was located at 43kms. ENE. of Ilan and the depth was estimated at about 60kms. The maximum intensity of this earthquakes was reported Seismic Scale III. The local earthquakes happened in this month, was four. They were located in Northern dietrict, another in Hwalien district. The third in Tainan district, the fourth in Taitung district.

Those distant earthquakes recorded at Taipei in the month of August, the first was on 13th, it's epicenter was located at about more than 2200kms. S. of Taiwan. Another was happened on 24th and was recorded only at Taipei but it's epicenter was uncertain. The third was happened on 27th and it's epicenter at about 240kms, SE. of Torisima Is. of Iapan.

9) In September, two hundred and twelve earthquakes were recorded. Nine of them were classified as felt earthquakes and the remains are unfelt ones. The felt earthquakes in this month, two were classified as moderate earthquakes, one as

small felt area, and the remains were classified as local earthquakes. Among those felt earthquakes, two were occurred in Taichung district, two in Hwalien district, four in Tainan district, and the last one was occurred in Taitung district. Most of the earthquakes in this month happened under the sea to the SE. and S. of Taiwan. Eight distant earthquakes were recorded at Taiwan. The first was occurred on 4th, it's epicenter was reported approximately at 3460kms. to the direction of from Taiwan. Another was happened on 9th, it's epicenter was in Northern district of Alg- enia in Africa but the seismogram was recorded very small at Taipei. The third occurred on 12th and it's epicenter was uncertain. The fourth was occurred on 14th and it's epicenter was at about 670kms. NE. of Taipei with it's two after shock occurred at the same date. The seventh was happened on 20th and it's epicenter was located around Celebes. IS.. The last one was occurred on 23th and it's seismogram was very small and was recorded only by the seismographs at Taipei.

Epicenters of Felt Earthquakes in July to September, 1954



Number of earthquakes classified according to it's magnitude and districts July to September, 1954.

Classification magnitudes	Number of felt earthquakes					Number of unfelt earthquakes	Total
	Remar- kable	moderate	Small felt area	Local	Total		
Districts							
Northern District	—	1	—	1	2	61	63
Taichung "	—	—	—	3	3	14	17
Hwalien "	—	1	3	5	9	51	60
Tainan "	—	—	1	4	5	18	23
Taitung "	—	1	—	3	4	96	100
Hengchun "	—	—	—	—	—	116	116
Other places "	—	—	—	—	—	22	22
Total	—	3	4	16	23	378	401

Felt earthquakes in the month of July to September, 1954.

No.	Month	P. (G. M. T.)			Magni- tude	Epicenter	Latitude	Longitude	Depth
		d.	h.	m.					
49	JULY	1	05	24	s	76Kms SE. of Hwalien	N. 23°5'	E. 122°2'	about 40 Kms.
50	"	3	20	51	s	125Kms ESE. of Ilan	24°4'	122°9'	" 60

No.	Month.	P. (G. M. T.)			Magni- tude	Epicenter.	Latitude		Longitude	Depth. Kms.
		d.	h.	m.			N.	E.		
51	"	8	15	33	1	37Kms SE. of Taichung	—	—	—	about. 20
52	"	11	12	26	1	53Kms SSE. of Hwalien	23.°5	121.°8	"	60
53	"	14	06	24	1	39Kms NE. of Hsinkong	—	—	"	0~10
54	"	19	07	11	1	53Kms E. of Tawu	—	—	"	40
55	"	21	13	40	s	34Kms SE of Hwalien	23.°7	121.°8	"	40
56	"	22	05	30	1	43Kms SW. of Hwalien	23.°6	121.°3	"	0~10
57	"	24	17	34	1	14Kms NW. of Hsinkong	23.°2	121.°3	"	0~10
58	AUG.	4	22	02	1	60Kms NE. of Tainan	23.°4	120.°6	"	0~10
59	"	7	17	37	1	23Kms NW. of Hwalien	24.°2	121.°4	"	0~10
60	"	13	01	58	1	Near Hsinkong	—	—	"	—
61	"	15	23	57	m	43Kms ENE. of Ilan	24.°8	122.°2	"	60
62	"	19	21	25	1	30Kms WSW. of Ilan	24.°6	121.°5	"	0~10
63	SEPT.	4	08	53	m	194ms ESE. of Hengchun	22.°1	122.°8	"	60
64	"	15	02	48	s	10Kms W. of Alishan	23.°5	120.°7	"	0~10
65	"	16	15	11	1	40Kms NE. of Hsinkong	—	—	"	—
66	"	17	07	33	m	40Kms NE. of Hwalien	24.°2	121.°9	"	20
67	"	17	14	24	1	Near Alishan	23.°5	120.°8	"	0~10
68	"	21	06	10	1	20Kms N. of Taichung	24.°3	120.°7	"	0~10
69	"	27	07	02	1	36Kms NNW. of Tainan	—	—	"	0~10
70	"	27	23	43	1	24Kms NE. of Tainan	23.°3	120.°4	"	40
71	"	30	08	03	1	60Kms E. of Penghu	23.°5	120.°2	"	20

Unfelt Earthquakes in the Month of July to September, 1954.

No.	Month.	P. (G. M. T.)			Epicenter	No.	Month	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
384	July.	1	12	56	Taitung District	392	July	3	15	06	Near Hwalien
385	"	1	23	40	30Kms E. of Hwalien	393	"	3	21	15	About 300Kms Sw. of Hengchun
386	"	1	23	54	Hwalien District	394	"	3	22	12	Taitung District
387	"	2	02	46	In the sea to E. of Legaspi	395	"	3	22	37	In the sea to Sw. of Java
388	"	2	08	22	Hengchun District	396	"	4	01	16	Near Hsinkong
389	"	2	11	47	Near Hsinkong	397	"	5	06	24	Near Ilan
390	"	2	18	10	"	398	"	5	18	48	Near Hsinkong
391	"	2	19	34	"	399	"	6	04	07	Hwalien District

No.	Month.	P. (G. M. T.)			Epicenter	No.	Month.	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
400	July	6	04	13	Hwalien District	433	July	18	09	12	30Kms SE. of Pref. Tiva, Japan
401	"	6	05	56	Tainan District	434	"	18	10	58	"
402	"	6	08	11	Distance (Faint)	435	"	18	11	03	Taichung District
403	"	6	08	47	Near Hsinkong	436	"	18	13	03	Hwalien District
404	"	7	19	23	About 52Kms Sw. of Tainan	437	"	18	14	46	Hengchun District
405	"	8	06	33	Near Ilan	438	"	18	16	41	About 15Kms NNE. of Hengchun
406	"	8	09	52	Tainan District	439	"	19	00	51	Hengchun District
407	"	8	17	32	About 55Kms SE. of Hengchun	440	"	19	07	04	45Kms ESE. of Hengchun
408	"	8	22	20	Near Hsinkong	441	"	19	08	33	Near Tawu
409	"	9	00	56	About 52Kms ENE. of Tainan	442	"	19	20	00	150Kms ESE. of Ilan
410	"	9	02	40	Near Hsinkong	443	"	19	21	27	Northern District
411	"	9	02	50	About 67Kms ENE. of Hengchun	444	"	19	23	17	20Kms WSW of Ilan
412	"	9	07	40	40Kms NW. of Hsinkong	445	"	19	23	26	Near Hwalien
413	"	9	15	34	Northern District	446	"	20	09	39	Hwalien District
414	"	9	18	33	"	447	"	20	22	08	Near Hsinkong
415	"	9	19	53	About 75Kms E. of Hengchun	448	"	21	04	43	Near Indochina
416	"	11	09	48	Northern District	449	"	21	07	04	45Kms NNW of Hsinkong
417	"	12	01	47	Near Ilan	450	"	21	16	19	Near Hwalien
418	"	12	05	53	Hengchun District	451	"	22	06	57	Northern District
419	"	12	18	07	Northern District	452	"	23	13	53	Near Ilan
420	"	13	03	06	Near Hwalien	453	"	23	15	16	48Kms E. of Hsinkong
421	"	13	03	13	Distance (Faint)	454	"	23	17	32	Near Hsinkong
422	"	13	11	13	Near Hsinkong	455	"	23	19	40	50Kms SE. of Ilan
423	"	13	14	48	Near Tawu	456	"	24	18	37	Near Hsinkong
424	"	13	15	57	Near Hsinkong	457	"	25	01	11	Hwalien District
425	"	14	04	41	"	458	"	25	04	15	Near Ta-nan-hon
426	"	14	06	56	Northern District	459	"	26	09	49	Northern District
427	"	15	17	24	Near Hsinkong	460	"	26	20	03	Taitung District
428	"	17	00	18	Taitung District	461	"	26	21	20	Near Hsinkong
429	"	17	01	21	25Kms ESE of Tawu	462	"	27	00	27	"
430	"	17	03	20	Taitung District	463	"	27	09	16	Near Hwalien
431	"	17	12	34	Near Hsinkong	464	"	27	21	53	Hengchun District
432	"	18	05	06	Near Tawu	465	"	27	22	43	Near Hsinkong

No.	Month.	P. (G. M. T.)			Epicenter	No.	Month.	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
466	July	28	19	24	Near Hsinkong	499	August	6	21	36	70Kms ENE of Hwalien
467	"	29	01	18	"	500	"	7	11	32	25Kms W, of Ilan
468	"	29	05	54	Tainan District	501	"	7	13	14	Tainan District
469	"	30	02	00	Taitung District	502	"	7	14	51	Northern District
470	"	30	09	04	Northern District	503	"	8	11	45	Near Hsinkong
471	"	30	23	47	Hengchun District	504	"	8	20	57	"
472	"	31	01	04	Upper of yellow River	505	"	9	19	19	"
473	"	31	01	25	Uncertain	506	"	9	19	24	Hwalien District
474	"	31	01	32	"	507	"	10	16	13	Near Hengchun
475	"	31	02	07	"	508	"	11	08	06	Near Ilan
476	"	31	03	25	Hengchun District	509	"	12	09	07	Taitung District
477	"	31	11	51	Near Hsinkong	510	"	12	23	28	"
478	"	31	14	36	"	511	"	12	23	47	more than 2200Kms S. of Taiwan
479	"	31	21	27	"	512	"	13	00	12	Near Hsinkong
480	August	1	00	21	Near Hsinkong	513	"	13	00	16	"
481	"	1	08	46	Northern District	514	"	13	04	57	"
482	"	1	13	35	20Kms E. of Tawu	515	"	13	07	52	Taichung District
483	"	1	13	59	"	516	"	13	23	34	Near Hsinkong
484	"	1	18	40	66Kms E. of Hengchun	517	"	14	17	51	Near Taitung
485	"	1	19	02	Hwalien District	518	"	14	22	46	Near Ilan
486	"	2	11	02	Near Hsinkong	519	"	15	07	00	47Kms NNE of Taichung
487	"	3	04	47	Hengchun District	520	"	15	14	23	Taitung District
488	"	3	06	56	Near Hsinkong	521	"	16	21	30	Tainan District
489	"	3	15	44	Near Hwalien	522	"	16	21	49	52Kms ENE. of Hwalien
490	"	3	17	18	Near Hsinkong	523	"	17	10	59	67Kms ENE of Hsinkong
491	"	4	18	02	35Kms SE. of Hsinkong	524	"	18	02	56	Taichung District
492	"	5	08	43	Tainan District	525	"	18	04	53	"
493	"	5	16	06	Hengchun District	526	"	18	13	17	Near Hsinkong
494	"	5	22	52	Near Hsinkong	527	"	18	21	26	Near Ilan
495	"	5	23	42	Taichung District	528	"	19	17	36	Near Hsinkong
496	"	6	01	50	Hengchun District	529	"	19	19	19	Near Hsinkong
497	"	6	14	22	15Kms NE. of Taitung	530	"	20	19	50	"
498	"	6	21	21	Near Hsinkong	531	"	22	13	02	"

No.	Month.	P. (G. M. T.)			Epicenter	No.	Month.	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
532	August	22	14	22	70Kms NW of Hsinkong	565	August	2	20	16	Near Hsinkong
533	"	22	23	09	40Kms SSW of Ilan	566	"	3	04	39	Near Ilan
534	"	23	03	51	Near Hsinkong	567	"	3	06	13	"
535	"	23	11	33	Hwalien District	568	"	3	13	00	"
536	"	24	01	34	38Kms SSW of Ilan	569	"	3	16	17	Near Hwalien
537	"	24	06	47	Uncertain(d)	570	"	4	01	11	Near Hsinkong
538	"	24	23	37	50Kms NNE of Hsinkong	571	"	4	03	34	Distant
539	"	25	00	40	Taitung District	572	"	4	07	11	Near Taitung
540	"	25	12	27	30Kms SSE of Ilan	573	"	4	08	07	Near Taichung
541	"	25	22	02	Near Tawu	574	"	4	08	03	Northern District
542	"	26	01	57	Near Hsinkong	575	"	4	09	22	20Kms E of Hengchun
543	"	26	03	50	Northern District	576	"	4	18	42	15Kms NNW of Taitung
544	"	26	05	25	Taichung District	577	"	5	03	53	Northern District
545	"	25	05	52	"	578	"	5	13	54	Near Ilan
546	"	26	20	31	53Kms N. of Hwalien	579	"	5	20	01	Near Tawu
547	"	26	22	49	Near Hsinkong	580	"	6	00	37	Near Hsinkong
548	"	27	07	49	34Kms N of Hwalien	581	"	6	10	46	215Kms ESE of Hengchun
549	"	27	10	59	240Kms SE. of Torisima, Japan	582	"	6	11	25	125Kms E of Taitung
550	"	27	17	14	Northern District	583	"	6	11	40	Hengchun District
551	"	27	20	17	45Kms NNE of Hwalien	584	"	6	11	52	"
552	"	27	22	37	Northern District	585	"	6	13	23	"
553	"	28	06	33	73Kms SE. of Hsinkong	586	"	6	14	06	210Kms SW of Tainan
554	"	23	19	57	Tainan District	587	"	6	14	11	Taichung District
555	"	29	06	33	Taichung District	588	"	6	14	17	270Kms ESE of Hengchun
556	"	29	07	56	Near Hsinkong	589	"	6	14	25	Hengchun District
557	"	30	00	35	Hwalien District	590	"	6	14	27	"
558	"	31	02	21	Near Hwalien	591	"	6	14	39	135Kms ESE of Hengchun
559	September	1	06	46	Near Hengchun	592	"	6	14	47	53Kms SSE of Taitung
560	"	1	11	34	Near Hsinkong	593	"	6	14	55	Hengchun District
561	"	2	10	01	20Kms NE of Taitung	594	"	6	15	03	130Kms SW of Hengchun
562	"	2	13	21	Near Hsinkong	595	"	6	15	08	120Kms SSE of Hengchun
563	"	2	17	07	Tainan District	596	"	6	15	13	Hengchun District
564	"	2	13	27	Near Hsinkong	597	"	6	16	47	185Kms SE of Hengchun

No.	Month.	P. (G. M. T.)		Epicenter	No.	Month.	P. (G. M. T.)		Epicenter	
		d.	h.				d.	h.		
598	Sept- mber	6	16	55	631	Sept.	7	6	31	78Kms SE of Ilan
599	"	6	16	58	632	"	7	08	14	170Kms E. of Hengchun
600	"	6	17	10	633	"	7	09	11	295Kms NW of Taichung
601	"	6	17	31	634	"	7	10	21	Hengchun District
602	"	6	17	58	635	"	7	11	16	"
603	"	6	18	04	636	"	7	11	44	"
604	"	6	18	25	637	"	7	11	51	"
605	"	6	18	34	638	"	7	13	25	"
606	"	6	18	38	639	"	7	13	39	Near Hwalien
607	"	6	18	49	640	"	7	17	59	Hengchun District
608	"	6	19	08	641	"	8	00	33	Northern District
609	"	6	20	12	642	"	8	01	14	Hengchun District
610	"	6	20	30	643	"	8	01	21	"
611	"	6	23	05	644	"	8	02	41	165Kms ESE. of Hengchun
612	"	6	23	23	645	"	8	03	14	160Km ESE of Hengchun
613	"	6	23	55	646	"	8	03	21	Taitung District
614	"	7	00	08	647	"	8	04	41	Hengchun District
615	"	7	00	12	648	"	8	05	43	"
616	"	7	00	30	649	"	8	06	18	"
617	"	7	00	34	650	"	8	14	45	"
618	"	7	00	24	651	"	8	16	27	"
619	"	7	00	58	652	"	8	18	12	"
620	"	7	01	12	653	"	8	18	47	"
621	"	7	01	18	654	"	8	19	08	"
622	"	7	02	09	655	"	8	19	13	"
623	"	7	02	10	656	"	8	20	56	"
624	"	7	03	02	657	"	9	01	57	Northern District of Algeria, Africa
625	"	7	03	20	658	"	9	03	38	Northern District
626	"	7	03	28	659	"	9	09	11	75Km ENE. of Ilan
627	"	7	04	38	660	"	9	14	39	Hengchun District
628	"	7	04	41	661	"	9	14	57	"
629	"	7	06	03	662	"	9	17	43	"
630	"	7	06	07	663	"	9	17	56	"

No.	Month	P. (G. M. T.)		Epicenter	No.	Month	P. (G. M. T.)		Epicenter	
		d.	h.				d.	h.		
664	Sept.	12	06	44	697	Sept.	14	15	01	Northern District
665	"	12	07	49	698	"	14	16	18	50Kms ENE. of Tainan
666	"	12	10	25	699	"	14	18	24	175Kms E. of Tawu
667	"	12	11	01	700	"	14	19	59	Hengchun District
668	"	13	02	21	701	"	14	20	32	Near Ilan
669	"	13	04	36	702	"	14	20	51	Taitung District
670	"	13	08	01	703	"	15	02	57	35Kms WNW of Alishan
671	"	13	17	39	704	"	15	03	25	Near Alishan
672	"	13	18	13	705	"	15	06	09	"
673	"	13	18	19	706	"	15	08	16	50Kms SW of Hengchun
674	"	13	18	26	707	"	15	12	19	Northern District
675	"	13	18	42	708	"	15	12	30	Hengchun District
676	"	13	19	23	709	"	15	15	17	"
677	"	13	19	28	710	"	15	15	55	Near Alishan
678	"	13	19	52	711	"	15	18	00	Northern District
679	"	13	20	23	712	"	15	18	06	Near Alishan
680	"	13	21	27	713	"	16	01	10	Hwalien District
681	"	13	22	08	714	"	11	01	24	25Kms SE. of Taitung
682	"	13	23	08	715	"	16	02	03	Hengchun District
683	"	13	23	45	716	"	16	02	09	Northern District
684	"	14	00	48	717	"	16	22	19	Hengchun District
685	"	14	00	57	718	"	17	11	14	Taitung District
686	"	14	01	50	719	"	17	11	16	Hwalien District
687	"	14	02	08	720	"	17	11	23	"
688	"	14	02	12	721	"	17	12	50	95Kms SE. of Hengchun
689	"	14	03	49	722	"	18	12	10	54Kms ESE of Tainan
690	"	14	04	37	723	"	18	17	10	50Kms NNE. of Tainan
691	"	14	06	57	724	"	18	18	55	56Kms SW. of Hwalien
692	"	14	07	08	725	"	19	00	44	Northern District
693	"	14	07	21	726	"	19	00	48	"
694	"	14	07	48	727	"	19	06	14	105Km NE. of Taipei
695	"	14	11	49	728	"	19	22	24	Near Hwalien
696	"	14	14	49	729	"	20	00	43	Celebes Is (d)

No.	Month	P. (G. M. T.)			Epicenter	No.	Month	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
730	Sept.	20	02	58	Near Hsinkong	746	Sept.	26	01	59	Taichung District
731	"	21	05	22	"	747	"	26	23	44	Northern District
732	"	21	20	04	"	748	"	27	09	23	Hengchun District
733	"	21	22	03	Near Alishan	749	"	27	10	00	73Kms ENE. of Hengchun
734	"	21	23	36	Near Hengchun	750	"	27	10	21	Near Hwalien
735	"	22	20	27	Northern District	751	"	27	11	25	Near Hsinkong
736	"	22	20	41	"	752	"	27	16	41	Near Ilan
737	"	22	23	16	"	753	"	27	18	17	"
738	"	23	08	34	Near Hsinkong	754	"	28	12	35	Near Tawu
739	"	23	13	36	Northern District	755	"	28	19	12	Near Tainan
740	"	23	14	17	"	756	"	29	01	45	Near Hsinkong
741	"	23	18	59	"	757	"	29	03	58	"
742	"	23	22	00	Faint(d)	758	"	29	10	03	"
743	"	24	22	35	45Kms SSW. of Ilan	759	"	30	03	14	Near Hengchun
744	"	25	22	53	23Km NE of Taitung	760	"	30	04	23	40Kms SE. of Hwalien
745	"	26	01	57	Northern District	761	"	30	15	53	Near Hwalien

Major Earthquakes Which Occurred in July 1954

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			
1	Hsinkong	1	iP	05 24 20.1	- 361	+ 219	+ 169	2.2	2.4	1.4	- 11.4	- 43.8	+ 84.6	09.8	I	76Kms. SE of Hwalien
	Taitung		P	24.1	+ 242	- 249	-	1.5	1.9	-	-	-	-	14.4	O	23.5° N. 122.2° E.
	Hwalien		iP	24.7	+ 436	+ 660	-	2.9	3.2	-	- 42.1	+ 32.2	-	8.0	I	H=40kms. (S)
	Hsinchu		P	25.0	-	-	-	-	-	-	-	-	-	20.2	O	
	Tainan		iP	27.4	- 155	+ 155	- 38	3.8	3.8	3.0	+ 1.2	+ 3.6	- 8.1	22.7	O	
	Alishan		iP	27.8	+ 291	- 180	- 355	1.5	0.7	1.5	+ 12.2	+ 12.7	- 40.3	15.8	I	
	Tawu		iP	29.5	+ 55	- 68	-	2.4	2.1	-	- 4.5	- 3.6	+ 9.0	19.7	O	
	Taipei		iP	29.9	- 423	- 339	+ 92	1.6	1.6	1.4	- 13.0	± 00	- 7.7	20.5	I	
	Taichung		iP	32.4	- 203	- 175	+ 144	1.5	2.6	1.6	- 7.3	+ 16.4	- 47.0	20.3	O	
	Ilan		P	36.0	+ 494	+ 369	-	2.1	1.9	-	- 21.0	- 0.7	-	14.8	I	
	Hengchun		iP	37.0	+ 162	+ 143	-	1.3	1.1	-	-	-	-	23.9	O	
	Penghu		iP	50.0	- 150	- 100	-	2.5	2.3	-	± 00	+ 15.0	-	29.0	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						
2	Hwalien	1	P	23 40 35.9	+ 168	- 188	-	?	1.3	-	-	-	?	?	?	3.2	O	30Kms. E. of Hwalien	
	Ilan		eP	44.8	-	-	-	-	-	-	-	-	-	-	-	10.3	O	23.9° N	
	Alishan		eP	47.0	-	-	-	-	-	-	-	-	-	-	-	13.1	O	121.9° E	
	Hsinkong		P	48.0	-	-	-	-	-	-	-	-	-	-	-	11.5	O	H=40Kms. (mfelt)	
	Taichung		P	48.4	-	-	-	-	-	-	-	-	-	-	-	12.5	O		
	Taipei		eP	51.9	-	-	-	-	-	-	-	-	-	-	-	14.6	O		
	Taitung		eP	53.7	-	-	-	-	-	-	-	-	-	-	-	-	O		
	Hsinchu		P	55.8	-	-	-	-	-	-	-	-	-	-	-	14.4	O		
	Tawu		P	59.2	-	-	-	-	-	-	-	-	-	-	-	22.8	O		
3	Hsinkong	2	P	02 46 58.6	-	-	-	-	-	-	-	-	-	-	-	02 00.0	O	In the sea to E. of	
	Tawu		P	47 32.5	-	-	-	-	-	-	-	-	-	-	-	01 51.6	O	Legaspi, Philippines	
	Hengchun		iP	47 32.9	-	-5517	-	-	17.2	-	+ 8.6	+ 4.7	+ ?	01 50.2	O	Is. (d)			
	Tainan		P	47 46.9	-	-	-	-	-	-	+ small	-small	-	01 57.8	O				
	Alishan		eP	47 54.6	-	-	-	-	-	-	-	-	-	-	-	-	O		
	Taichung		eP	48 00.2	-	-	-	-	-	-	-	-	-	-	-	02 11.5	O		
	Hsinchu		P	48 01.4	-	-	-	-	-	-	-	-	-	-	-	-	O		
	Hwalien		P	48 01.5	+ 41	+ 74	+ 27	13.2	12.6	10.8	-	-	-	02 06.0	O				
	Ilan		eP	48 03.3	-	-	-	-	-	-	-	-	-	-	-	02 12.0	O		
	Taipei		P	48 06.5	- 140	+ 440	-	- 34.5	33.0	-	(+)	(-)	+ small	02 20.4	O				
4	Taipei	3	eP	20 51 54.0	-	-	-	-	-	-	-	-	-	-	-	15.9	O	125Kms. ESE of Ilan.	
	Hwalien		eP	55.7	+ 37	+ 43	-	-	?	?	-	-	-	?	?	?	17.0	I	24.4° N.
	Hsinkong		P	52 02.7	-	-	-	-	-	-	-	-	-	-	-	21.1	O	122.9 E.	
	Ilan		eP	05.4	+ 53	+ 43	-	0.6	0.8	-	-	-	-	-	-	15.1	O	H=60Kms. (S)	
	Taitung		P	08.9	-	-	-	-	-	-	-	-	-	-	-	26.4	O		
	Taichung		P	07.8	-	-	-	-	-	-	-	-	-	-	-	22.3	O		
	Hsinchu		eP	13.0	-	-	-	-	-	-	-	-	-	-	-	-	O		
	Tawu		P	15.4	-	-	-	-	-	-	-	-	-	-	-	31.4	O		
	Hengchun		eP	21.4	-	-	-	-	-	-	-	-	-	-	-	-	O		
5	Hengchun	3	iP	21 15 49.3	+ 73	-	-	2.2	-	-	-	-	-	3.1	+ 5.7	- 4.9	30.3	O	Almost 300 Kms. SW. of Hengchun.
	Tawu		P	52.8	+ 21	+ 22	-	1.9	1.4	-	-	-	-	-	-	-	33.4	O	20.1° N.
	Taitung		P	59.1	-	-	-	-	-	-	-	-	-	-	-	-	40.3	O	118.6 E.

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			
					μ	μ	μ	s	s	s	μ	μ	μ			
	Hsinkong		P	16 05.1	-	-	-	-	-	-	-	-	46.3	O	H=100Kms. (unfelt)	
	Tainan		P	18.8	-	-	-	-	-	-	-	-	37.5	O		
	Taichung		P	19.4	-	-	-	-	-	-	-	-	48.9	O		
	Hwalien		P	19.9 + 32 - 44	-	-	-	2.4	2.4	-	-	-	54.3	O		
	Taipei		eP	36.8	-	-	-	-	-	-	(+)	-	01 03.5	O		
	Ilan		eP	43.0 + 40 - 33	-	-	-	1.9	2.1	-	-	-	01 00.0	O		
	Hsinchu		eP	50.0	-	-	-	-	-	-	-	-	-	O		
6	Hengchun	3	P	22 37 52.8	-	-	-	-	-	-	-	-	05 22.5	O	Near in the Sea to SW. of Java.	
	Tawu		iP	54.2	-	-	-	-	-	-	+ 2.4	? + 4.7	05 15.5	O	(d)	
	Hsinkong		P	38 04.5	-	-	-	-	-	-	-	-	05 52.3	O		
	Tainan		P	06.2	-	-	-	-	-	-	(+)	(+)	05 19.4	O		
	Taichung		eP	06.8	-	-	-	-	-	-	-	-	-	O		
	Taipei		P	14.5	-	-	-	-	-	-	(+)	(+)	05 42.8	O		
	Ilan		eP	18.6	-	-	-	-	-	-	-	-	05 25.1	O		
7	Hsinkong	8	P	08 11 24.6	-	-	-	-	-	-	-	-	-	O	Uncertainty (d)	
	Tainan		eP	33.0	-	-	-	-	-	-	-	-	-	O		
	Tawu		P	33.4	-	-	-	-	-	-	-	-	05 44.0	O		
	Hwalien		P	34.6	-	-	-	-	-	-	-	-	-	O		
	Taipei		eP	12 07.8	-	-	-	-	-	-	-	-	-	O		
	Ilan		eP	28.8	-	-	-	-	-	-	-	-	-	O		
8	Ilan	8	eP	15 33 26.5	-	-	-	-	-	-	-	-	13.1	O	37Kms. SE. of Taichung	
	Hwalien		P	36.3	-	-	63	-	-	? - 2.2	- 15.6	-	07.5	O	23.9° N. 121.0° E.	
	Alishan		eP	39.6	-	-	-	-	-	-	-	-	06.8	O	H=20Kms. (1)	
	Taichung		P	41.9 - 23 + 33	-	-	-	0.4	0.5	-	-	-	07.7	I		
	Hsinkong		eP	44.7 - 10 - 9	-	-	-	0.8	0.6	-	-	-	10.6	O		
	Taitung		P	51.1	-	-	-	-	-	-	-	-	15.3	O		
	Taipei		eP	55.4	-	-	-	-	-	-	-	-	15.8	O		
	Tawu		P	57.9	-	-	-	-	-	-	-	-	19.9	O		
	Tainan		eP	34 04.1	-	-	-	-	-	-	-	-	14.5	O		
	Hengchun		eP	07.9	-	-	-	-	-	-	-	-	-	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			
					μ	μ	μ	s	s	s	μ	μ	μ			
9	Hsinkong	9	eP	00 56 59.3	-	16	- 15	-	0.7	0.5	-	-	-	05.8	O	52Kms. ESE. of Tainan, H=0~10Kms (unfelt)
	Taitung		P	57 05.7	-	-	-	-	-	-	-	-	06.5	O		
	Alishan		eP	11.4	-	-	-	-	-	-	-	-	10.3	O		
	Tawu		P	12.4	-	-	-	-	-	-	-	-	07.6	O		
	Hengchun		eP	18.5	-	-	-	-	-	-	-	-	-	O		
	Taichung		eP	21.3	-	-	-	-	-	-	-	-	12.4	O		
	Tainan		eP	21.5	-	-	-	-	-	-	-	-	07.0	O		
10	Alishan	9	eP	02 50 07.3	-	-	-	-	-	-	-	-	-	-	O	67Kms. ENE. of Hengchun H=20Kms, (unfelt)
	Tawu		eP	34.3	-	-	-	-	-	-	-	-	06.7	O		
	Taitung		eP	40.1	-	-	-	-	-	-	-	-	08.4	O		
	Hsinkong		eP	40.4 - 7 + 11	-	-	-	0.3	0.5	-	-	-	13.7	O		
	Hengchun		eP	45.9	-	-	-	-	-	-	-	-	07.5	O		
11	Taichung	11	P	12 26 13.4 + 77 + 52 + 37	1.1	1.3	1.7	-	-	-	-	-	13.5	O	53Kms. SSE. of Hwalien. 23.5° N. 121.8° E.	
	Hwalien		P	24.0 - 15 + 17	-	2.1	1.7	-	? - 5.0	-	-	-	07.6	I		
	Alishan		iP	26.6	-	-	-	-	-	+ 8.5 + 12.7 - 8.1	-	-	11.4	I	H=60Kms. (1)	
	Taitung		P	30.4	-	-	-	-	-	-	-	-	12.2	O		
	Tawu		P	34.5 - + 18	-	-	0.9	-	-	-	-	-	04.3	O		
	Ilan		eP	36.5 - 35 + 36	-	1.6	1.8	-	-	-	-	-	14.0	O		
	Tainan		P	37.4	-	-	-	-	-	-	-	-	17.5	O		
	Taipei		P	39.7 - - 59	-	-	1.3	-	-	-	-	-	16.6	O		
	Hsinkong		iP	41.7 - 228 - 142 + 62	1.2	0.9	1.3	-	8.7 - 5.3 + 16	-	-	-	08.9	I		
	Hsinchu		P	43.2	-	-	-	-	-	-	-	-	16.6	O		
	Hengchun		P	43.5	-	-	-	-	-	-	-	-	22.4	O		
12	Hengchun	13	eP	08 13 53.7	-	-	-	-	-	-	-	-	-	04 16.5	O	Uncertainty (d)
13	Hwalien	14	P	06 24 03.8 + 62 - 62	-	? - ?	-	-	-	-	-	-	09.0	O	39Kms. NE. of Hsinkong 23.3° N 121.6° E Hengchun (1)	
	Alishan		eP	08.2	-	-	-	-	-	-	-	-	-	O		
	Tawu		eP	10.4	-	-	-	-	-	-	-	-	20.5	O		
	Taichung		P	11.9	-	-	-	-	-	-	-	-	16.6	O		
	Tainan		P	15.5	-	-	-	-	-	-	-	-	17.6	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								
	Taitung		eP	17.3	-	-	-	-	-	-	-	-	-	09.5	0						
	Hsinchu		eP	40.0	-	-	-	-	-	-	-	-	-	-	0						
	Hsinkong		iP	59.2	+	44	+	130	-	33	0.7	1.4	0.5	+	1.1	+	1.9	-	2.6	05.4	I
14	Hengchun	17	eP	01 21 31.4	-	-	-	-	-	-	-	-	-	-	06.4	0	25Kms ESE. of Tawu. H=10Kms (unfelt)				
	Hsinkong		eP	35.5	+	6	+	11	-	0.3	0.5	-	-	-	13.0	0					
	Tainan		eP	37.7	-	-	-	-	-	-	-	-	-	-	16.1	0					
	Alishan		eP	45.0	-	-	-	-	-	-	-	-	-	-	18.2	0					
	Tawu		eP	22 10.4	-	-	-	-	-	-	-	-	-	-	04.0	0					
15	Taipei	18	eP	09 12 04.8	-	-	-	-	-	-	-	-	-	-	04 00.5	0	30 Kms SE. of Tiba Pref., Japan (d)				
	Hwalien		P	12 15.6	-	-	-	-	-	-	-	-	-	-	04 06.0	0					
	Hsinkong		eP	12 16.8	-	-	-	-	-	-	-	-	-	-	03 56.2	0					
	Alishan		eP	12 20.0	-	-	-	-	-	-	-	-	-	-	-	0					
	Tainan		P	12 26.2	-	-	-	-	-	-	-	-	-	-	03 55.8	0					
	Taichung		P	12 28.3	-	-	-	-	-	-	-	-	-	-	-	0					
	Tawu		P	12 28.5	-	-	-	-	-	-	-	-	-	-	03 55.0	0					
	Hsinchu		eP	12 33.1	-	-	-	-	-	-	-	-	-	-	-	0					
	Hengchun		P	12 33.2	-	-	-	-	-	-	-	-	-	-	03 53.8	0					
16	Hengchun	18	eP	10 58 16.9	-	-	-	-	-	-	-	-	-	-	-	0	Uncertain ty (d)				
	Tawu		P	58 22.8	-	6	-	9	-	3.8	?	-	-	-	-	0					
	Hsinkong		eP	58 32.6	-	-	-	-	-	-	-	-	-	-	-	0					
	Taichung		eP	58 36.2	-	-	-	-	-	-	-	-	-	-	-	0					
	Tainan		eP	58 37.9	-	-	-	-	-	-	-	-	-	-	-	0					
	Hwalien		P	58 49.0	-	-	-	-	-	-	-	-	-	-	01 24.2	0					
	Alishan		eP	58 59.7	-	-	-	-	-	-	-	-	-	-	-	0					
	Hsinchu		eP	11 00 00.0	-	-	-	-	-	-	-	-	-	-	-	0					
	Taipei		eP	15.3	-	-	-	-	-	-	-	-	-	-	04 00.0	0					
17	Taitung	19	P	07 04 1.74	-	-	-	-	-	-	-	-	-	-	-	0	45Kms.ESE. of Hengchun 21.8°N. 121.2E. H=40Kms. (unfelt)				
	Tawu		iP	33.2	-	18	-	20	-	?	0.5	-	-	-	3.7	+		4.5	-	07.5	0
	Hengchun		eP	35.2	-	-	-	-	-	-	-	-	-	-	-	-		-	-	06.5	0
	Hsinkong		P	40.6	+	12	+	19	-	0.5	0.7	-	-	-	-	-		-	-	15.1	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									
	Hwalien	19	P	42.2	-	-	-	-	-	-	-	-	-	-	25.5	0						
	Alishan		eP	45.3	-	-	-	-	-	-	-	-	-	-	23.2	0						
	Tainan		eP	50.9	-	-	-	-	-	-	-	-	-	-	16.2	0						
	Taichung		eP	56.8	-	-	-	-	-	-	-	-	-	-	25.0	0						
	Ilan		eP	05 29.2	-	-	-	-	-	-	-	-	-	-	28.4	0						
	Hsinchu		eP	51.0	-	-	-	-	-	-	-	-	-	-	-	0						
18	Hwalien	19	P	07 11 4.74	-	-	-	-	-	-	-	-	-	-	18.4	0	58Kms E. of Tawu 22.3°N 121.5°E H=40Kms (j)					
	Taitung		P	57.6	-	-	-	-	-	-	-	-	-	-	-	0						
	Ilawu		iP	12 14.5	+	26	-	27	-	?	0.5	-	-	-	3.6	+		4.5	-	9.3	07.5	0
	Hengchun		eP	14.6	+	16	-	-	-	0.2	-	-	-	-	-	-		-	-	-	09.0	I
	Hsinkong		P	22.1	+	14	-	20	-	0.5	0.7	-	-	-	-	-		-	-	-	10.0	0
	Tainan		eP	20.0	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	16.1	0
	Alishan		eP	35.6	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	23.2	0
	Taichung		eP	38.3	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	21.5	0
	Ilan		eP	13 01.3	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	31.4	0
19	Hsinchu		eP	28.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	
	Ilan	19	eP	20 00 57.6	+	30	-	23	-	1.6	1.6	-	-	-	-	-	-	-	-	17.8	0	
	Hwalien		eP	01 00.1	+	18	-	-	-	?	-	-	-	-	-	-	-	-	-	54.4	0	
	Taichung		P	08.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.0	0	
	Hsinkong		eP	09.2	+	8	+	9	-	0.4	0.4	-	-	-	-	-	-	-	-	28.1	0	
	Taitung		P	17.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	
	Alishan		eP	21.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31.0	0	
	Tainan		eP	27.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	
	Taipei		eP	30.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21.5	0	
20	Hsinchu		eP	40.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	
	Taipei	19	eP	23 17 40.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	06.0	0
	Hsinkong		eP	23 17 45.4	-	13	+	19	-	0.5	0.7	-	-	-	-	-	-	-	-	22.0	0	
	Taichung		P	47.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.9	0	
	Alishan		eP	53.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.4	0	
	Taitung		P	18 01.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	
	Tainan		eP	13.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	
	Ilan		eP	19.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	02.9	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				
21	Hsinchu	21	eP	04 43 00.0	-	-	-	-	-	-	-	-	-	-	0	Qndchina (d)	
	Tainan		P	05.3	-	-	-	-	-	-	-	-	-	03	28.4	0	
	Tawu		P	13.9	-	-	-	-	-	-	-	-	-	03	05.9	0	
	Taichung		P	15.3	-	-	-	-	-	-	-	-	-	03	06.0	0	
	Hengchun		eP	17.5	-	-	-	-	-	-	-	-	-	03	50.0	0	
	Hwalien		P	20.5	-	-	-	-	-	-	-	-	-	03	08.3	0	
	Ilan		eP	30.5	- 25	- 26	-	3.2	3.7	-	-	-	-	03	10.8	0	
	Taipei		eP	34.0	-	-	-	-	-	-	-	-	-	03	13.5	0	
22	Hsinkong	21	eP	07 04 05.0	+ 50	- 46	- 26	0.9	0.7	1.1	-	-	-	-	06.5	0	45Kms NNW. of Hsinkong
	Hwalien		P	07.4	-	-	-	-	-	-	-	-	-	10.0	0	23.5°N, 121.3°E, H=0-10 Kms (unfelt)	
	Alishan		eP	09.0	-	-	-	-	-	-	-	-	-	07.0	0		
	Taitung		P	11.5	-	-	-	-	-	-	-	-	-	11.5	0		
	Taichung		P	14.1	-	-	-	-	-	-	-	-	-	13.4	0		
	Tawu		P	18.7	-	-	-	-	-	-	-	-	-	24.7	0		
	Tainan		eP	19.4	-	-	-	-	-	-	-	-	-	17.0	0		
	Taipei		iP	27.0	-	-	-	-	-	-	-	7.8 ±	0	-	19.7	0	
	Hsinchu		P	30.0	-	-	-	-	-	-	-	-	-	-	18.9	0	
	Hengchun		eP	30.2	-	-	-	-	-	-	-	-	-	-	25.7	0	
23	Hwalien	21	P	13 40 03.6	+ 171	+ 134	-	?	?	-	-	-	-	05.9	I	34Kms SE. of Hwalien	
	Hsinkong		iP	05.5	+ 147	- 81	- 744	1.2	0.9	0.5	- 5.8	- 4.6	+ 17.7	08.7	I	23.7°N, 121.8°E, H=40Kms (s)	
	Alishan		P	10.0	-	-	-	-	-	-	-	-	-	11.6	I		
	Taichung		P	10.8	- 87	+ 33	- 22	0.8	0.4	0.4	-	-	-	12.7	I		
	Taitung		P	11.8	-	-	-	-	-	-	-	-	-	16.4	0		
	Ilan		eP	14.8	-	-	-	-	-	-	-	-	-	12.5	0		
	Tainan		eP	17.3	-	-	-	-	-	-	-	-	-	19.4	0		
	Taipei		eP	19.0	+ 28	+ 32	-	0.7	0.8	-	-	-	-	16.7	0		
	Tawu		P	21.8	-	-	-	-	-	-	-	-	-	19.9	0		
	Hengchun		eP	26.4	-	-	-	-	-	-	-	-	-	23.6	0		
	Hsinchu		P	33.2	-	-	-	-	-	-	-	-	-	16.3	0		
	24	Alishan	22	iP	05 30 25.6	-	-	-	-	-	-	-	7.6 +	3.7 +	15.9	07.5	I
Hsinkong			iP	31 17.0	+ 47	+ 73	- 36	0.7	0.9	0.6	- 12.6	+ 9.2	+ 17.9	07.7	O	23.6°N.	

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				
	Hwalien		P	23.8	+ 50	+ 34	-	?	?	-	-	-	-	06.9	0	121.3 E. H=10Kms (l)	
	Taichung		P	26.4	-	-	-	-	-	-	-	-	-	11.0	0		
	Tainan		eP	32.0	-	-	-	-	-	-	-	-	-	17.7	0		
	Ilan		eP	35.1	-	-	-	-	-	-	-	-	-	15.9	0		
	Taipei		eP	39.0	-	-	-	-	-	-	-	-	-	19.5	0		
	Hengchun		eP	40.3	-	-	-	-	-	-	-	-	-	22.8	0		
	Hsinchu		P	45.7	-	-	-	-	-	-	-	-	-	17.0	0		
25	Hwalien	24	iP	17 34 19.2	- 135	- 163	+ 40	1.0	1.2	0.7	+ 8.0	+ 4.6	± 11.5	04.1	I	14Kms NW. of Hsinkong	
	Hengchun		eP	23.7	-	-	-	-	-	-	-	-	-	18.2	O	23.2°N, 121.3°E, H=10Kms. (l)	
	Alishan		eP	30.0	-	-	-	-	-	-	-	-	-	08.2	O		
	Hwalien		eP	37.8	-	-	-	-	-	-	-	-	-	13.7	0		
	Taichung		P	44.3	-	-	-	-	-	-	-	-	-	15.6	0		
	Tainan		eP	48.4	-	-	-	-	-	-	-	-	-	10.7	0		
	Ilan		eP	59.5	-	-	-	-	-	-	-	-	-	22.7	0		
	Tawu		P	25 07.1	-	-	-	-	-	-	-	-	-	07.9	0		
26	Taitung	31	P	01 04 37.8	-	-	-	-	-	-	-	-	-	04	00.0	0	Upper part of yel low River, china (a)
	Taipei		P	31.9	- 173	+ 178	+ 96	-	-	-	(-)	(+)	(+)	03	53.0	0	
	Alishan		eP	34.8	-	-	-	-	-	-	-	-	-	04	00.4	0	
	Ilan		eP	36.0	- 94	- 163	- 145	3.1	3.1	4.0	-	-	-	04	00.1	0	
	Tainan		P	39.5	- 357	+ 673	-	7.0	8.6	-	-small	+small	-	03	55.3	0	
	Taichung		P	42.2	-	-	-	-	-	-	-	-	-	03	48.7	0	
	Hwalien		eP	42.9 ±	115	- 142	- 78	3.9	4.3	10.3	-	-	-	04	01.7	0	
	Hsinkong		eP	49.1	- 69	+ 81	- 65	?	?	?	-	-	-	04	01.7	0	
	Tawu		P	50.0	-	-	-	-	-	-	-	-	-	04	04.0	0	
	Hengchun		P	53.0	-	107	-	4.3	-	-	-	-	-	04	04.0	0	
Hsinchu		eP	05 00.4	-	-	-	-	-	-	-	-	-	03	52.0	0		
27	Taipei	31	eP	01 25 43.5	-	-	-	-	-	-	-	-	-	-	0	Uncertainty (d)	
	Ilan		eP	53.0	-	-	-	-	-	-	-	-	-	-	0		
	Hengchun		eP	27 16.0	-	-	-	-	-	-	-	-	-	-	0		
28	Hengchun	31	eP	09 32 42.0	-	-	-	-	-	-	-	-	-	-	0	Uncertainty (d)	

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			
	Taipei		eP	32 53.5	-	-	-	-	-	-	-	-	-	-	0	
29	Taichung Hlan	31	P eP	10 07 00.7 31.8	-	-	-	-	-	-	-	-	-	-	0	Uncertain-ty (d)

Major Earthquakes Which Occurred in August 1954

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				
1	Tawu	1	P	13 59 30.4	-	-	-	-	-	-	-	-	-	02.8	0	30 Kms E. of Tawu H=0~	
	Taitung		iP	31.6	-	-	-	-	-	-	-	-	-	06.2	0	10Kms 22.3°N.	
	Hengchun		eP	37.9	-	-	-	-	-	-	-	-	-	07.5	0	121.1°E. (unfelt)	
	Hsinkong		eP	38.2	-	-	-	-	-	-	-	-	-	08.4	0		
	Tainan		eP	45.1	-	-	-	-	-	-	-	-	-	15.0	0		
	Alishan		eP	50.2	-	-	-	-	-	-	-	-	-	17.0	0		
	Hwalien		eP	14 00 03.4	-	-	-	-	-	-	-	-	-	23.0	0		
2	Hsinkong	1	eP	18 40 02.8	-	-	-	-	-	-	-	-	-	15.4	0	66Kms E. of Hengchun	
	Hengchun		eP	03.1	-	-	-	-	-	-	-	-	-	09.1	0	H=0~10 Kms 22.1°N.	
	Taitung		P	05.0	-	-	-	-	-	-	-	-	-	12.1	0	121.4°E. (unfelt)	
	Tainan		eP	15.3	-	-	-	-	-	-	-	-	-	20.3	0		
	Alishan		eP	19.7	-	-	-	-	-	-	-	-	-	22.0	0		
	Tawu		P	41 05.6	-	-	-	-	-	-	-	-	-	08.6	0		
3	Alishan	4	eP	22 02 03.2	-	-	-	-	-	-	-	-	-	03.6	0	60Kms NE. of Tainan	
	Tainan		iP	13.7	-	-	-	-	-	-	-	-	-	08.3	1	23.4°N. 120.6E.	
	Hsinkong		iP	16.9	-	49 +	42 -	29	1.0	0.8	0.5 +	6.7 -	2.2 -	2.3	12.5	0	H=0~10 Kms
	Taichung		P	19.4	-	-	-	-	-	-	-	-	-	10.7	0	(l)	
	Tawu		iP	25.2 +	13 -	16 -	-	1.2	1.9	-	1.9 -	1.8 +	2.6	15.0	0		
	Hwalien		eP	28.2 -	47 ±	47 -	-	1.7	1.6	-	-	-	-	15.4	0		
	Hengchun		eP	28.5	-	-	-	-	-	-	-	-	-	20.0	0		
	Hsinchu		P	42.3 +	25 +	43 -	-	1.5	1.7	-	-	-	-	25.2	0		
	Taipei		eP	46.2 +	41 -	31 -	-	1.7	1.9	-	-	-	-	19.9	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				
	Hlan		iP	49.5	-	243 +	198 -	-	0.5	0.3	-	+ 10.0	+ 57.5	-	11.3	I	
	Penghu		eP	29.7	-	-	-	-	-	-	-	-	-	-	21.3	O	
4	Hwalien	6	iP	21 36 57.0	+	20 +	27 -	-	2.1	2.1	-	-	-	-	08.9	O	70Kms ENE of Hwalien
	Taipei		eP	37 00.9	-	-	-	-	-	-	-	-	-	-	15.3	O	24.3°N 122.3E.
	Hsinkong		eP	02.4	-	-	-	-	-	-	-	-	-	-	19.2	O	H=0~10 Kms
	Alishan		eP	09.0	-	-	-	-	-	-	-	-	-	-	21.4	O	(unfelt)
	Taichung		P	09.7	-	-	-	-	-	-	-	-	-	-	21.7	O	
	Hengchun		eP	17.4	-	-	-	-	-	-	-	-	-	-	-	0	
	Tainan		eP	19.9	-	-	-	-	-	-	-	-	-	-	-	0	
	Hsinchu		eP	20.0	-	-	-	-	-	-	-	-	-	-	29.7	O	
	Tawu		P	38.6	-	-	-	-	-	-	-	-	-	-	-	0	
5	Tawu	7	P	17 37 14.6	-	-	-	-	-	-	-	-	-	-	06.8	O	28Kms NW of Hwalien
	Hwalien		iP	31.4 +	680 -	1150 +	250 -	?	?	?	-	-	-	-	03.8	I	24.2°N. 121.4°E.
	Hlan		eP	41.1 -	88 +	89 -	-	1.2	1.2	-	-	-	-	-	09.8	O	H=0~10 Kms (l)
	Taichung		iP	42.3 -	55 -	76 -	47 -	2.4	1.7	1.9 ±	00 +	5.4 -	7.7	10.3	O		
	Hsinkong		eP	42.6	-	-	-	-	-	-	-	-	-	-	15.0	O	
	Penghu		iP	45.0 +	43 +	25 -	-	1.5	1.8	- ±	00 +	5.0 -	-	27.0	O		
	Alishan		eP	54.0	-	-	-	-	-	-	-	-	-	-	12.5	O	
	Hsinchu		eP	57.4	-	-	-	-	-	-	-	-	-	-	11.2	I	
	Taitung		P	57.5	-	-	-	-	-	-	-	-	-	-	-	O	
	Tainan		eP	59.7	-	-	-	-	-	-	-	-	-	-	23.0	O	
	Hengchun		eP	38 11.2	-	-	-	-	-	-	-	-	-	-	30.0	O	
	Taipei		iP	1.80	-	-	-	-	-	-	-	-	-	-	12.6	O	
6	Taichung	13	eP	07 47 03.6	-	-	-	-	-	-	-	-	-	-	-	0	More than 2200Kms S of Taiwan Faint. (d)
	Hengchun		eP	10.2	-	-	-	-	-	-	-	-	-	-	03 18.1	O	
	Tawu		P	12.8	-	-	-	-	-	-	-	-	-	-	03 42.0	O	
	Hlan		eP	19.3	-	-	-	-	-	-	-	-	-	-	04 11.5	O	
	Tainan		eP	21.1	-	-	-	-	-	-	-	-	-	-	?	O	
	Hsinkong		P	22.6	-	-	-	-	-	-	-	-	-	-	03 49.4	O	

Major Earthquakes Which Occurred September 1954

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				
1	Ilan	4	eP	03 34 51.1	-	-	-	-	-	-	-	-	-	05 21.0	0	Distant (Faint)	
	Taichung		eP	35 05.8	-	-	-	-	-	-	-	-	-	-	-	-	
	Taipei		eP	13.2	-	-	-	-	-	-	-	-	-	-05 11.5	0	-	
2	Heng-chun	4	iP	08 53 43.9	- 529	+ 451	+ 240	4.3	2.6	3.0	- 27.8	+ 42.8	- 32.4	20.0	0	194Kms ESE of Heng chun	
	Tawu		iP	45.2	- 285	- 250	- 212	3.3	3.1	3.6	- 14.6	+ 10.0	+ 11.8	19.7	I	21.5°N	
	Taitung		P	49.2	-	-	-	-	-	-	-	-	-	19.1	O	122.6°E	
	Hsinkong		eP	53.1	+ 189	+ 367	- 148	1.7	4.7	1.8	-	-	-	21.2	O	H=30Kms (m)	
	Hwalien		eP	54 00 9	- 331	+ 317	+ 206	3.8	4.2	3.7	-	-	-	26.8	I	-	
	Tainan		iP	02.1	+ 528	+ 331	-	4.0	4.8	-	-	-	-	23.4	O	+ Small + 6.1	
	Taichung		P	10.3	- 190	- 213	+ 103	3.8	3.8	2.7	-	-	-	32.7	O	-	
	Alishan		eP	12.4	-	-	-	-	-	-	-	-	-	27.4	I	-	
	Ilan		eP	16.8	+ 193	+ 180	+ 87	2.4	2.8	2.0	-	-	-	34.0	O	-	
	Taipei		eP	21.3	+ 120	+ 100	+ 63	3.8	3.1	3.2	-	-	-	38.0	O	-	
Hsinchu		P	23.8	+ 202	+ 170	-	4.6	3.6	-	-	-	-	?	O	-		
3	Heng-chun	4	P	09 21 39.4	-	+ 156	-	-	2.6	-	-	-	-	23.3	O	205Kms E. of Hengchun	
	Taitung		P	41.8	-	-	-	-	-	-	-	-	-	23.0	O	22.1°N	
	Tawu		iP	43.4	+ 41	- 96	+ 22	1.9	2.1	1.3	+ 3.1	+ 2.1	-	02.1	O	122.8°E	
	Hsinkong		eP	48.5	- 22	- 39	- 23	0.4	0.6	0.3	-	-	-	18.4	O	H=60Kms (unfelt)	
	Tainan		P	59.5	-	-	-	-	-	-	-	-	-	23.3	O	+ Small + Small	
	Hwalien		eP	23 02.1	-	-	-	-	-	-	-	-	-	24.2	O	-	
	Alishan		eP	05.8	-	-	-	-	-	-	-	-	-	25.6	O	-	
	Taichung		P	13.6	-	-	-	-	-	-	-	-	-	31.6	O	-	
	Penghu		iP	17.5	+ 53	+ 163	-	2.5	3.2	-	-	-	-	38.7	O	-	
	Ilan		eP	19.4	+ 30	- 23	-	2.1	-	-	-	-	-	32.0	O	-	
Taipei		eP	32.6	-	-	-	-	-	-	-	-	-	37.0	O	-		
Hsinchu		eP	48.6	-	-	-	-	-	-	-	-	-	?	O	-		
4	Taitung	4	P	18 42 58.3	-	-	-	-	-	-	-	-	-	02.0	O	15Kms NNW of Taitung	
	Hsinkong		eP	43 04.9	+ 28	- 45	-	0.4	0.6	-	-	-	-	05.7	O	H=0~10 Kms	
	Tainan		eP	13.2	-	-	-	-	-	-	-	-	-	12.0	O	22.8°N	
	Heng-chun		eP	19.0	-	-	-	-	-	-	-	-	-	-	0	O	121.1°E (unfelt)
	Hwalien		eP	24.5	-	-	-	-	-	-	-	-	-	17.0	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				
	Alishan		eP	35.6	-	-	-	-	-	-	-	-	-	-	0	-	
	Taichung		eP	39.0	-	-	-	-	-	-	-	-	-	-	18.6	0	
	Ilan		eP	49.9	-	-	-	-	-	-	-	-	-	-	26.6	0	
	Taipei		eP	44 03.4	-	-	-	-	-	-	-	-	-	-	-	0	
5	Heng-chun	6	eP	10 46 59.7	-	-	-	-	-	-	-	-	-	-	-	23.5	0
	Tawu		P	47 11.3	-	-	-	-	-	-	-	-	-	-	-	24.0	0
	Hsinkong		eP	21.1	-	-	-	-	-	-	-	-	-	-	-	26.9	0
	Tainan		eP	23.5	-	-	-	-	-	-	-	-	-	-	-	25.0	0
	Hwalien		eP	34.4	-	-	-	-	-	-	-	-	-	-	-	35.0	0
	Taichung		eP	47.9	-	-	-	-	-	-	-	-	-	-	-	-	0
	Ilan		eP	55.2	-	-	-	-	-	-	-	-	-	-	-	43.6	0
	Alishan		eP	48 01.7	-	-	-	-	-	-	-	-	-	-	-	-	-
	Taipei		eP	22.7	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Penghu	6	iP	11 25 33.7	-	-	-	-	-	-	-	-	-	-	-	36.2	0
	Heng-chun		P	49.7	- 160	+ 233	- 61	2.0	2.0	1.5	-	-	+ 4.8	-	-	24.6	0
	Tawu		P	52.6	-	-	-	-	-	-	-	-	-	-	-	19.5	0
	Taitung		P	57.9	-	-	-	-	-	-	-	-	-	-	-	13.9	0
	Hsinkong		eP	26 04.3	- 27	+ 25	-	1.7	1.7	-	-	-	-	-	-	11.6	0
	Tainan		eP	09.2	-	-	-	-	-	-	-	-	-	-	-	25.4	0
	Ilan		eP	10.5	+ 30	+ 33	-	2.1	2.7	-	-	-	-	-	-	25.4	0
	Alishan		eP	15.1	-	-	-	-	-	-	-	-	-	-	-	20.4	0
	Hsinchu		eP	15.8	-	-	-	-	-	-	-	-	-	-	-	29.6	0
	Hwalien		eP	17.8	- 20.4	+ 51.6	-	1.0	2.0	-	-	-	-	-	-	16.8	0
Taichung		eP	31.5	-	-	-	-	-	-	-	-	-	-	-	25.8	0	
Taipei		eP	51.7	-	-	-	-	-	-	-	-	-	-	-	32.0	0	
7	Heng-chun	6	P	14 06 50.7	- 149	+ 175	-	2.7	2.2	-	-	-	-	-	-	28.9	0
	Tawu		P	07 01.5	-	-	-	-	-	-	-	-	-	-	-	32.9	0
	Tainan		eP	12.6	-	-	-	-	-	-	-	-	-	-	-	48.7	0
	Hsinkong		eP	1.31	- 33	+ 28	-	1.7	1.7	-	-	-	-	-	-	28.9	0
	Alishan		eP	18.1	-	-	-	-	-	-	-	-	-	-	-	36.3	0
Taitung		eP	22.1	-	-	-	-	-	-	-	-	-	-	-	34.2	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			
					μ	μ	μ	s	s	s	μ	μ	μ			
	Tawu		P	08 35.4										05.4 0	H=0-10Kms (unfelt)	
	Taitung		eP	08 36.3										06.3 0		
	Tainan		eP	08 49.3										- 0		
	Alishan		eP	09 11.9										- 0		
	Ilan		eP	09 18.6										19.1 0		
	Taipei		eP	09 30.6										- 0		
15	Hengchun	6	P	20 12 10 0										20.4 0	203KmsESE of Hengchun 20.6°N. 122.1°E. H=60Kms (unfelt)	
	Tawu		P	12 10.2										22.3 0		
	Taitung		eP	12 16.1										22.4 0		
	Hsinkong		eP	12 23.2										28.4 0		
	Tainan		eP	12 32.4										33.0 0		
	Ilan		eP	12 34.6										-01 02.5 0		
	Hwalien		eP	12 37.1										37.8 0		
	Alishan		eP	12 40.3										- 0		
	Taipei		eP	12 52.6										52.0 0		
	Taichung		P	13 04.8										42.8 0		
16	Tawu	6	P	20 30 54.0										19.6 0		140KmsESE of Hengchun 21.3°N. 121.8°E. H=10Kms (unfelt)
	Hengchun		eP	30 56.8										- 0		
	Taitung		eP	30 58.3										18.8 0		
	Hsinkong		eP	31 03.6										25.9 0		
	Hwalien		eP	31 12.8										53.2 0		
	Tainan		eP	31 13.5										43.8 0		
	Alishan		eP	31 26.3										33.8 0		
	Ilan		eP	31 30.6	- 21 + 27			2.6	2.6					46.5 0		
	Taipei		eP	31 32.6										52.0 0		
	Taichung		eP	31 36.6										49.1 0		
	Hsinchu		eP	31 58.6										- 0		
17	Tawu	6	P	23 55 21.1										24.3 0	210KmsESE of Hengchun 21.6°N. 122.7°E. H=10Kms (unfelt)	
	Hengchun		P	55 23.0										24.9 0		
	Taitung		eP	55 29.2										31.5 0		
	Hsinkong		eP	55 36.0										28.8 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				
					μ	μ	μ	s	s	s	μ	μ	μ				m
	Tairan		P	55 47.3											37.4 0		
	Alishan		eP	55 49.2											35.6 0		
	Hwalien		eP	55 57.0											34.8 0		
	Taichung		eP	56 00.6											51.0 0		
	Ilan		eP	56 02.7											48.3 0		
	Taipei		eP	56 12.0											44.5 0		
18	Hengchun	7	iP	00 08 51.8	+ 225	+ 183	- 128	4.9	3.5	4.2	+ 18.2	+ ?	+ 3.1		21.0 0	170KmsESE of Hengchun 21.4°N. 122.3°E. H=10Kms (unfelt)	
	Tawu		eP	08 53.1	+ 123	- 131	+ 665	2.8	5.1	1.9	- 4.5	?	?		43.9 0		
	Taitung		eP	09 00.2											38.7 0		
	Tainan		eP	09 02.0											39.6 0		
	Hsinlong		eP	09 05.7	+ 107	- 102	- 80	2.6	2.6	1.9					26.9 0		
	Hwalien		eP	09 14.1											41.4 0		
	Alishan		eP	09 15.9											33.1 0		
	Taichung		eP	09 18.2											40.1 0		
	Ilan		eP	09 30.8	- 67	- 58		2.9	3.1						45.9 0		
	Taipei		eP	09 43.5											43.5 0		
	Hsinchu		P	09 46.2											38.9 0		
19	Hengchun	7	P	00 12 14.4	+ 422	+ 453	- 194	2.0	2.9	3.4					22.3 0		175KmsESE of Hengchun H=10Kms 21.3°N. 122.3°E. (unfelt)
	Tairan		eP	00 12 30.3	+ 162	+ 152	- 199	4.2	3.4	3.8					39.2 0		
	Alishan		P	12 53.8											25.1 0		
	Taichung		eP	12 57.2											33.4 0		
	Hsinchu		P	13 00.0											48.5 0		
	Taipei		eP	13 02.5	- 83	+ 102		2.3	2.0						49.5 0		
	Ilan		P	13 08.0	+ 143	+ 159	- 72	2.9	3.3	2.0					32.6 0		
	Hwalien		P	13 28.3	- 164	- 208	+ 142	2.0	2.4	2.4					? 0		
20	Tawu	7	iP	00 24 45.2	+ 72	- 68	+ 45	4.2	3.5	1.6	+ 13.6	+ 5.5	?		09.6 0	250KmsESE of Hengchun 21°N. 122.2°E. H=10Kms (unfelt)	
	Taitung		eP	35 28.9											17.7 0		
	Hengchun		iP	25 44.2	+ 370	- 302	- 104	2.2	2.9	3.8	- 28.5	+ 10.2	- 35.1		22.1 0		
	Tainan		eP	25 54.6											38.8 0		
	Hsinkong		eP	25 57.6	+ 61	+ 59	- 38	1.7	1.7	1.3					29.5 0		
	Hwalien		eP	26 08.1	- 89	+ 104	+ 75	2.6	2.8	2.0					25.4 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			
					μ	μ	μ	s	s	s	μ	μ	μ			
	Taichung		P	36 10.2										43.4 O		
	Alishan		P	36 18.3										38.9 O		
	Ilan		eP	36 25.0 + 103 - 90				2.6	2.6					45.0 O		
	Hsinchu		P	36 29.4										48.9 O		
21	Tawu	7	P	03 38 41.5										18.8 O	140Kms E. of Hengchun	
	Hengchun		P	39 34.0										20.6 O	21.9 N. 122.3 E.	
	Taitung		eP	39 37.3										— O	H=10Kms (unfelt)	
	Hsinkong		eP	39 47.2										20.4 O		
	Tainan		eP	39 54.3										29.5 O		
	Taichung		P	39 57.4										35.3 O		
	Hwalien		eP	40 04.2										29.2 O		
	Hsinchu		P	40 06.8										— O		
	Alishan		P	40 11.4										27.8 O		
	Taipei		eP	40 15.5										42.5 O		
	Ilan		eP	40 25.0										33.7 O		
22	Hengchun	7	eP	04 38 02.2										— O	100Kms E. of Taitung	
	Tawu		P	38 11.1										13.1 O	H=0-10Kms (unfelt)	
	Taitung		eP	38 27.3										— O		
	Hsinkong		eP	38 29.5										15.7 O		
	Tainan		eP	38 30.1										41.2 O		
	Hwalien		eP	38 52.0										19.0 O		
	Ilan		eP	39 05.7										24.0 O		
	Alishan		eP	39 07.0										— O		
	Taipei		eP	39 32.5										— O		
23	Tawu	7	P	08 14 31.3										20.2 O	170Kms E. of Hengchun	
	Hengchun		eP	14 33.3										— O	H=0-10Kms (unfelt)	
	Taitung		eP	14 42.1										— O		
	Hsinkong		eP	14 47.8										21.7 O		
	Hwalien		eP	14 57.3										37.4 O		
	Tainan		eP	14 57.3										41.3 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			
					μ	μ	μ	s	s	s	μ	μ	μ			
	Ilan		eP	15 16.8											38.2 O	
	Taichung		eP	15 32.6											35.8 O	
24	Ilan	7	eP	09 11 13.0 + 188 - 172							2.0	2.2			42.0 O	295Kms NW. of Taichung
	Hwalien		P	11 32.9											45.3 O	25.7°N. 118.5°E.
	Taichung		P	11 51.3											37.0 O	H=0-10Kms (unfelt)
	Hsinchu		P	12 06.0											— O	
	Hsinkong		eP	12 15.1											— O	
	Taitung		eP	12 28.3											— O	
	Tainan		eP	12 30.6											41.5 O	
	Tawu		P	12 35.0											35.6 O	
	Hengchun		eP	12 40.0											— O	
25	Hengchun	8	eP	02 41 43.9											21.1 O	165Kms ESE. of Hengchun
	Tawu		P	41 53.7											20.3 O	21.7°N. 122.3°E.
	Hsinkong		eP	42 02.0											23.1 O	H=10Kms (unfelt)
	Taitung		eP	42 04.9											20.0 O	
	Tainan		eP	42 25.2											31.3 O	
	Taichung		eP	42 33.9											— O	
	Taipei		eP	43 12.2											— O	
	Ilan		eP	43 36.5											39.7 O	
26	Hengchun	8	eP	03 14 24.0											24.5 O	160Kms ESE. of Hengchun
	Tawu		P	14 41.2											26.2 O	21.8°N. 122.3°E.
	Taitung		eP	14 43.5											20.3 O	H=10Kms (unfelt)
	Hsinkong		eP	14 58.6											22.0 O	
	Tainan		eP	15 04.5											30.5 O	
	Taipei		eP	16 02.2											— O	
27	Taipei	9	eP	01 57 01.2											— O	Northern District of Algeria,
28	Taipei	12	eP	07 49 10.0											— O	Africa Distant (Faint)

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			
49	Hwalien	19	eP	06 14 10.6										24.6	0	105Kms NE. of Taipei 25.6°N. 122.4°E. H=10Kms (unfelt)
	Ilan		eP	16.2										14.5	0	
	Taichung		eP	21.8										28.8	0	
	Taipei		eP	23.5										14.0	0	
	Alishan		eP	31.2										-0	0	
	Hsinchu		eP	34.8										-0	0	
	Hsinkong		eP	41.4										15.1	0	
	Taitung		P	42.1										-0	0	
50	Hsinkong	20	eP	00 43 53.6										-0	0	Celebes Is. (d)
	Taitung		P	55.8										-0	0	
	Hengchun		P	44 46.6										-04	18.5	
	Tawu		P	51.0										-0	0	
	Hwalien		eP	45 02.2										-04	30.4	
	Taichung		P	06.3										-04	37.0	
	Taipei		eP	18.7										-0	0	
51	Taichung	21	iP	06 10 48.2	-34	-54	-31	0.8	0.8	0.4	+12.6	+5.1	=30.9	03.0	I	20Kms. N. Taichung 24.3°N. 120.7°E. H=10Kms (l)
	Hsinchu		eP	53.5										-0	0	
	Ilan		eP	53.9										15.4	0	
	Alishan		eP	54.6										-0	0	
	Hwalien		eP	57.0										13.2	0	
	Taipei		eP	11 10.0										15.1	0	
	Hsinkong		eP	11 10.3										12.3	0	
														-0	0	
52	Taipei	23	eP	22 00 00.0										-0	0	Distant (Faint) (d)
53	Taichung	27	P	07 02 34.1										32.3	0	26Kms NNW. of Tainan H=5Kms (l)
	Tainan		iP	29.4										05.0	I	
	Alishan		eP	43.0										-0	0	
54	Tainan	27	iP	23 43 34.7										05.9	I	34Kms. NE. of Tainan 23.3°N. 120.4°E. H=40Kms (l)
	Alishan		eP	41.3										06.8	0	
	Hsinkong		eP	45.6 + 36 + 56				0.7	0.9					11.0	I	
	Ilan		eP	45.7										20.1	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						
	Tawu		iP	46.2	-23	+26	+11	0.7	1.4	0.9	-2.7	+1.8	+4.8	12.1	0				
	Taichung		P	56.7										09.5	0				
	Hwalien		eP	57.9										16.3	0				
	Penghu		eP	44 07.5										15.0	0				
	Hengchun		P	31.4							±00	+10.0		10.2	0				
55	Ilan	30	eP	04 23 01.3										15.3	0	40Kms. SE. of Hwalien 23.7°N. 121.8°E. H=0~10 Kms (unfelt)			
	Hwalien		eP	05.5										05.8	0				
	Taipei		eP	08.3										20.0	0				
	Hsinkong		eP	16.0										10.8	0				
	Alishan		eP	29.4										-0	0				
Taichung		P	44.9										-0	0					
56	Tainan	30	iP	03 03 55.0										-7.5	~8.4	-10.4	07.3	I	60Kms. E. of Penghu 23.5°N. 120.2°E. H=20Kms. (l)
	Alishan		P	59.4										08.1	0				
	Hsinkong		P	04 04.1										15.6	0				
	Taitung		P	04.3										16.9	0				
	Tawu		P	05.8										18.0	0				
	Taichung		P	06.0										15.2	0				
	Hengchun		eP	14.8										18.2	0				
	Hwalien		eP	14.6										-0	0				
	Ilan		eP	22.4	-29	-33		1.7	1.7					24.3	0				
	Hsinchu		eP	29.4										-0	0				
Taipei		eP	33.9										25.5	0					
Penghu		P	36.7										±00	+2.5	07.5	0			



地震季報

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China.

General Aspect of Earthquakes

October to December, 1954.

10) In October, the number of occurrence of earthquakes was one hundred and two and has a decrease in comparison to last month. Among them ten were classified as felt earthquakes and the remains were unfelt ones. The felt earthquakes in this month, three were classified as moderate earthquakes, two were classified as small felt area earthquakes and the remains were local ones.

Among these felt earthquakes, three were occurred in Hwalien district, two were occurred in North, Taichung and Taitung district respectively, and the last one was occurred in Hengchun district.

Three moderate earthquakes were happened on 3rd, 4th and 25th of October. The epicenters of these earthquakes were located as follows: One at 130 Km. E of Hengchun, another at 24Km. NE of Ilan, and the third at 127Km. ESE of Hengchun.

Four distant earthquakes were recorded by the seismographs of our Bureau at Taipei.

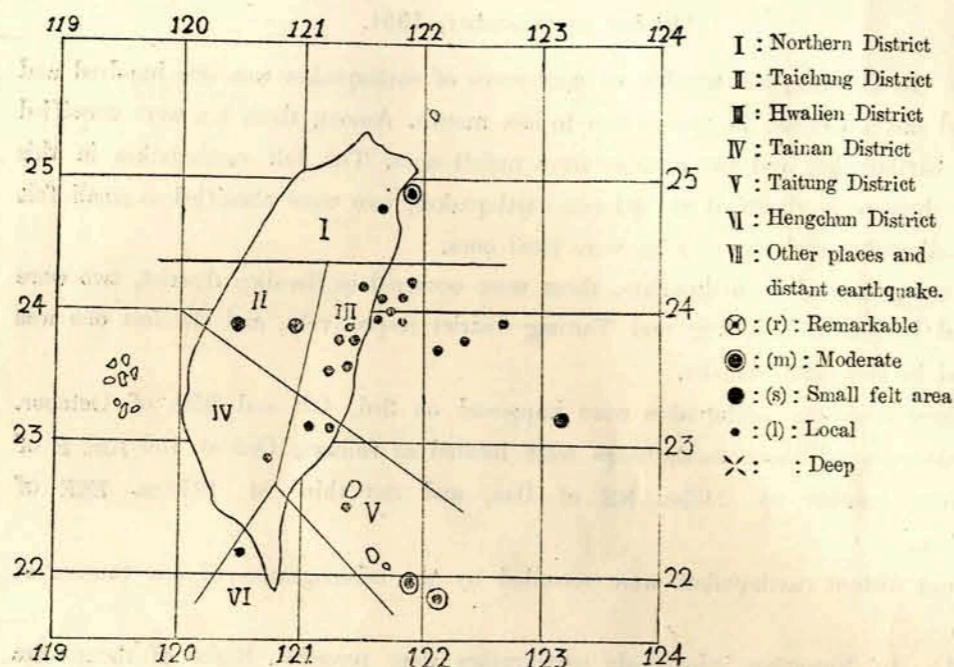
11) In November, ninety-six earthquakes were recorded. Eight of them were classified as felt earthquakes and the remains are unfelt ones. The felt earthquakes in this month, One was classified as moderate earthquakes. Among those felt earthquakes, six were occurred in Hwalien district, one in Tainan district and the last one was occurred in Taitung. Most of the earthquakes in this month happened near Hwalien.

Three distant earthquakes were recorded on this Island.

12) In December, eighty-six earthquakes were occurred in Taiwan. Among them nine were classified as felt earthquakes and the rest were unfelt ones. The felt earthquakes in this month, all of them were classified as local earthquakes. Seven of them were located in Hwalien district, another in Taitung district.

One distant earthquakes was recorded on 16th of December.

Epicenters of Felt Earthquakes in October to December, 1954.



Number of earthquakes classified according to its magnitude and districts October to December, 1954.

Classification	Number of felt earthquakes					Number of unfelt earthquakes	Total	
	Magnitudes	Remarkable	Moderate	Small felt area	Local			Total
Districts								
Northern District		—	1	—	1	2	42	44
Taichung "		—	—	2	—	2	20	22
Hwalien "		—	—	1	15	16	41	57
Tainan "		—	—	—	1	1	11	12
Taitung "		—	2	—	3	5	113	118
Hengchun "		—	—	—	1	1	22	23
Other places "		—	—	—	—	—	8	8
Total		—	3	3	21	27	257	284

Unfelt Earthquakes in The Month of October to December, 1954.

No.	Month.	P. (G. M. T.)	Epicenter	No.	Month.	P. (G. M. T.)	Epicenter
		d. h. m.				d. h. m.	
762	Oct.	1 03 05	Northern District	764	Oct.	1 08 56	Near Hsinkong
763	"	1 03 21	Distant	765	"	2 00 48	"

No.	Month.	P. (G. M. T.)	Epicenter	No.	Month.	P. (G. M. T.)	Epicenter
		d. h. m.				d. h. m.	
766	Oct.	2 04 08	190Km. SE of Hengchung	799	Oct.	12 10 06	Near Hsinkong
767	"	2 06 39	40Km. NNE of Tainan	800	"	12 13 04	Near Ilan
768	"	2 08 58	Near Hsinkong	801	"	12 13 30	Near Hsinkong
769	"	2 09 07	Near Ilan	802	"	12 14 22	"
770	"	2 16 28	Near Hsinkong	803	"	12 19 20	90Km. SE of Ilan
771	"	2 18 11	"	804	"	13 08 26	Near Hsinkong
772	"	2 19 52	Near Ilan	805	"	13 20 38	Near Tainan
773	"	3 02 57	Distant	806	"	14 04 28	Near Hsinkong
774	"	3 11 30	"	807	"	14 23 30	"
775	"	3 23 27	Maiucca Sea	808	"	15 14 13	"
776	"	3 23 31	65Km. ENE of Ilan	809	"	15 17 35	"
777	"	4 01 33	Near Taipei	810	"	15 17 56	"
778	"	4 06 54	Near Hsinkong	811	"	15 18 50	"
779	"	4 08 15	"	812	"	16 01 36	"
780	"	5 08 44	Near Ilan	813	"	16 06 58	"
781	"	6 00 38	"	814	"	17 02 05	"
782	"	6 08 10	Near Hsinkong	815	"	17 07 20	"
783	"	6 08 11	"	816	"	17 14 32	Near Ilan
784	"	6 09 38	"	817	"	18 13 26	Near Hsinkong
785	"	6 16 29	Near Tawu	818	"	19 07 05	"
786	"	7 01 46	70Km. NE of Hsinkong	819	"	19 18 01	Near Taichung
787	"	7 10 31	Near Tawu	820	"	19 21 40	Near Ilan
788	"	7 13 08	Near Hsinkong	821	"	20 00 32	Near Hsinkong
789	"	7 14 33	Near Tawu	822	"	20 02 41	"
790	"	7 17 35	Near Hsinkong	823	"	20 14 02	45Km. SW Taichung
791	"	7 21 58	"	824	"	20 14 06	Ditto
792	"	8 01 46	Near Alishan	825	"	20 15 10	45Km. SE of Taichung
793	"	8 03 29	70Km. E of Hwalien	826	"	20 16 08	Near Hsinkong
794	"	9 02 03	Near Hsinkong	827	"	20 16 20	15Km. SE of Taichung
795	"	9 05 24	Near Tawu	828	"	20 23 46	45Km. E of Hengchung
796	"	10 09 08	55Km. E of Ilan	829	"	21 00 06	166Km. ESE of Ilan
797	"	12 03 44	Northern District	830	"	21 11 33	Near Taichung
798	"	12 03 55	24Km. WSW of Ilan	831	"	22 04 03	Near Hsinkong

No.	Month.	P. (G. M. T.)			Epicenter	No.	Month.	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
832	Oct.	22	07	42	Near Hengchun	865	Nov.	6	22	04	13Km. S of Ilan 24.6°N 121.7°E
833	"	22	03	23	Near Alishan	866	"	7	12	11	Near Hsinkong
834	"	22	20	11	Near Hsinkong	867	"	7	22	29	Near Tawu
835	"	23	00	28	50Km. E of Alishan	868	"	8	03	20	Near Alishan
836	"	23	00	44	Near Ilan	869	"	8	10	40	19Km. S of Lanyu
837	"	23	05	54	Near Hsinkong	870	"	9	08	20	Near Hsinkong
838	"	23	07	33	Northern District	871	"	9	10	05	78Km. EN of Hsinkong
839	"	24	02	33	Near Hsinkong	872	"	10	01	43	Near Hsinkong
840	"	24	22	22	Near Tainan	873	"	10	20	30	Near Hwalien
841	"	25	01	35	"	874	"	11	11	34	Hengchun District
842	"	26	00	10	Near Hsinkong	875	"	11	11	52	Near Hsinkong
843	"	26	08	36	Near Ilan	876	"	11	21	53	Near Hwalien
844	"	26	18	09	Hengchun District	877	"	11	23	30	"
845	"	26	23	02	Near Hsinkong	878	"	12	02	03	Near Hsinkong
846	"	27	04	02	15Km. SW of Taitung	879	"	12	16	59	"
847	"	27	03	48	Near Hsinkong	880	"	12	22	23	Near Hwalien
848	"	28	12	17	156Km. E of Hwalien	881	"	13	00	33	50Km. E of Taitung
849	"	28	13	47	Near Hsinkong	882	"	13	00	48	Near Hsinkong
850	"	28	14	54	Northern District	883	"	13	08	29	"
851	"	28	16	34	"	884	"	13	17	46	Taichung District
852	"	30	01	35	Near Taitung	885	"	13	02	13	Taitung District
853	"	30	22	10	Near Hsinkong	886	"	14	05	45	44Km. ESE of Hsinkong
854	"	31	21	59	"	887	"	14	10	56	22Km. SSE of Taitung
855	Nov.	1	17	04	30Km. E of Luta	888	"	14	11	29	Near Hwalien
856	"	1	17	13	Hwalien District	889	"	14	20	50	Taichung District
857	"	2	08	36	Distant (Faint)	890	"	14	21	31	24Km. WNW of Tawu
858	"	2	21	42	35Km. ES of Luta	891	"	14	22	19	52Km. ENE of Hengchun
859	"	3	01	25	50Km. W of Taitung	892	"	14	23	00	Near Hsinkong
860	"	3	12	34	75Km. ENE Hsinkong	893	"	15	14	19	"
861	"	5	20	45	Tainan District	894	"	15	14	32	Near Tawu
862	"	6	03	14	40Km. NNE Tainan	895	"	15	14	50	Northern District
863	"	6	09	17	Near Hsinkong	896	"	15	16	32	Distant
864	"	6	17	34	"	897	"	16	02	20	Near Hsinkong

No.	Month.	P. (G. M. T.)			Epicenter	No.	Month.	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
898	Nov.	16	10	09	Near Hsinkong	931	Nov.	27	09	53	Northern District
899	"	17	23	02	Hengchun District	932	"	27	13	41	Taitung District
900	"	17	23	49	35Km. NNE of Tainan	933	"	27	19	54	Near Hsinkong
901	"	18	12	46	Near Hwalien	934	"	27	22	56	Hwalien District
902	"	18	14	26	Northern District	935	"	28	04	36	Near Hsinkong
903	"	19	06	00	Distant (Faint)	936	"	28	11	06	"
904	"	19	10	35	Northern District	937	"	28	11	55	33Km. ENE of Taichung
905	"	20	04	01	Near Hwalien	938	"	28	17	12	Near Hsinkong
906	"	20	21	17	Northern District	939	"	28	21	24	Taitung District
907	"	20	21	24	"	940	"	29	21	34	Near Hsinkong
908	"	20	21	34	22Km. W of Fu-kuei-chiao	941	"	30	03	29	45Km. NW of Hwalien
909	"	20	21	46	Near Ilan	942	"	30	23	30	Near Ilan
910	"	20	21	54	"	943	Dec.	1	07	36	Near Hsinkong
911	"	20	22	04	"	944	"	1	18	47	"
912	"	20	22	07	Northern District	945	"	1	19	26	"
913	"	21	03	44	"	946	"	2	15	09	"
914	"	21	14	59	Near Hsinkong	947	"	3	05	35	Near Hwalien
915	"	21	18	25	Northern District	948	"	3	22	47	Hwalien District
916	"	22	08	03	Taitung District	949	"	4	00	05	Near Hsinkong
917	"	22	10	34	Hengchun District	950	"	4	09	45	"
918	"	22	11	09	Near Hsinkong	951	"	4	18	51	Near Alishan
919	"	23	05	35	Near Taitung	952	"	5	07	13	Near Hsinkong
920	"	23	08	49	Northern District	953	"	5	11	55	Near Hwalien
921	"	23	09	43	Near Hsinkong	954	"	5	15	36	Near Hsinkong
922	"	23	09	44	"	955	"	5	16	01	Near Hwalien
923	"	23	20	39	"	956	"	5	17	51	Near Hsinkong
924	"	24	16	56	Hengchun District	957	"	5	22	14	"
925	"	25	08	49	Near Hsinkong	958	"	6	04	45	Near Hengchun
926	"	25	11	41	Tainan District	959	"	6	22	59	Near Hwalien
927	"	25	16	05	23Km. E of Kuei-shan Is.	960	"	7	02	49	Near Hsinkong
928	"	25	21	44	39Km. E of Ishigaki Is.	961	"	7	21	34	Near Hwalien
929	"	26	04	03	Near Ilan	962	"	9	08	38	"
930	"	26	08	47	65Km. E of Ilan	963	"	9	22	02	10Km. NE of Hwalien

No.	Month.	P. (G. M. T.)			Epicenter	No.	Month.	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
964	Dec.	10	02	13	Near Hsinkong	991	Dec.	21	22	40	Near Hsinkong
965	"	10	18	48	65Km. ESE of Tainan	992	"	21	22	45	Near Hsinkong
966	"	11	13	27	Near Hwalien	993	"	21	22	46	36Km. ES of Hwalien
967	"	11	14	49	"	994	"	22	07	32	60Km. NE of Taichung
968	"	12	00	44	Near Hsinkong	995	"	23	04	53	90Km. ESE Incline ES of Hengchun
969	"	12	04	47	65Km. NE of Hsinkong	996	"	23	07	10	Near Hsinkong
970	"	12	13	24	60Km. N of Hsinkong	997	"	23	19	04	"
971	"	12	15	37	Near Hsinkong	998	"	24	10	16	"
972	"	13	07	25	Near Alishan	999	"	24	17	20	"
973	"	13	15	08	Near Hsinkong	1000	"	24	18	02	"
974	"	13	17	34	"	1001	"	25	12	41	"
975	"	14	03	58	"	1002	"	25	22	54	33Km. W of Alishan
976	"	14	09	00	Near Hwalien	1003	"	26	01	33	215Km. ENE of Hsinkong
977	"	15	11	03	20Km. S of Taichung	1004	"	26	03	45	Near Alishan
978	"	16	03	20	Near Ilan	1005	"	26	11	13	Near Hsinkong
979	"	16	11	32	Distant	1006	"	27	17	07	Near Hwalien
980	"	16	12	23	Near Hwalien	1007	"	28	04	04	Near Hsinkong
981	"	16	12	28	Near Taipei	1008	"	28	22	23	Near Alishan
982	"	16	15	29	Hwalien District	1009	"	28	22	45	"
983	"	17	00	53	40Km. NE of Hsinkong	1010	"	29	00	15	27Km. E of Alishan
984	"	18	13	45	Near Hsinkong	1011	"	29	02	34	Near Hsinkong
985	"	19	04	49	"	1012	"	29	09	32	"
986	"	20	07	03	Near Hengchun	1013	"	30	06	54	Near Hwalien
987	"	20	19	09	Hwalien District	1014	"	30	10	28	Near Hsinkong
988	"	21	01	23	281Km. SSE of Hengchun	1015	"	30	11	07	"
989	"	21	02	48	192Km. ES of Hengchun	1016	"	31	06	11	Near Tanshui (H=60)
990	"	21	08	46	Norther District	1017	"	31	13	04	Near Hsinkong
						1018	"	31	14	34	Near Tanshui (H=20)

Felt-earthquakes in the month of October to December, 1954.

No.	Month	P. (G. M. T.)			Magnitude	Epicenter	Latitude		Longitude	Depth
		d.	h.	m.			N.	E.		
72	Oct.	3	09	54	m	139Km. E of Hengchun	21.8°	122.0°	80	
73	"	4	01	33	m	24Km. NE of Ilan	24.9°	121.9°	5	

No.	Month	P. (G. M. T.)			Magnitude	Epicenter	Latitude		Longitude	Depth
		d.	h.	m.			N.	E.		
74	Oct.	4	01	37	l	Near Ilan	—	—	—	
75	"	8	13	35	l	48Km. SE of Taichung	23.9°	421.1°	10	
76	"	20	13	55	e	28Km. S of Taichung	23.8°	120.7°	5	
77	"	25	12	50	m	127Km. ESE of Hengchun	21.9°	122.0°	20	
78	"	26	12	56	l	70Km. ESE of Hwalien	—	—	20	
79	"	29	13	41	l	Near Hwalien	—	—	—	
80	"	30	16	42	l	30Km. NW of Hengchun	22.3°	120.6°	40	
81	"	31	03	08	l	Near Hwalien	—	—	—	
82	Nov.	2	21	52	l	33Km. W of Hsinkong	24.1°	121.1°	5	
83	"	2	22	45	l	Near Hwalien	—	—	—	
84	"	6	13	07	s	190Km. E of Hsinkong	23.2°	123.3°	20	
85	"	8	23	14	l	100Km. ESE of Hwalien	23.7°	122.6°	60	
86	"	13	09	35	l	42Km. W of Taitung	22.7°	120.7°	5	
87	"	22	11	09	l	Near Hwalien	—	—	—	
88	"	23	14	18	l	"	—	—	—	
89	"	28	21	14	l	58Km. ES of Hwalien	—	—	20	
90	Dec.	4	15	02	l	45Km. EN of Hwalien	24.3°	121.9°	20	
91	"	11	00	30	l	Near Hwalien	—	—	—	
92	"	15	14	58	l	25Km. N of Hwalien	24.3°	121.6°	10	
93	"	16	10	48	l	Near Hwalien	—	—	—	
94	"	19	14	07	l	25Km. SW of Hwalien	—	—	20	
95	"	20	11	16	l	Near Hsinkong	—	—	—	
96	"	21	22	47	l	Near Hwalien	—	—	—	
97	"	22	00	33	l	20Km. S of Hwalien	—	—	20	
98	"	24	11	37	l	40Km. ESE of Taitung	—	—	20	

Major Earthquakes Which Occurred in October, 1954.

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			
1	Taipei	1	eP	03 21 00	—	—	—	—	—	—	—	—	—	—	—	0 Distant
2	Tawu	2	P	04 07 53.9	—	—	—	—	—	—	—	—	—	25.2	0	190Km. S. E. of Hengchun
	Hengchun		eP	08 18.6	—	—	—	—	—	—	—	—	—	22.3	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			
	Taitung	12	eP	04 08 22.2										26.6	0	21.5° N. 122.4° E. H=20Km. (Unfelt)
	Hsinkong		eP	26.4										28.3	0	
	Tainan		iP	29.4										32.6	0	
	Alishan		P	30.3										35.7	0	
	Taichung		P	09 08.8										29.1	0	
3	Tawu	3	P	02 56 52.1										0	0	Distant
	Taitung		eP	57 01.2										0	0	
	Hengchun		eP	01.4										07	16.8	0
	Ilan		eP	03.4										0	0	
	Taipei		eP	03.5										07	54.0	0
	Tainan		eP	03.5										0	0	
4	Tawu	3	iP	09 54 04.1	- 14 + 15 + 8	1.1	1.1	1.3 + 2.6 + 3.5 - 8.9						14.3	0	130Km. E. of Hengchun 21.8° N. 122.0° E. H=80Km. (m)
	Hengchun		P	04.5										15.4	0	
	Taitung		iP	04.8										15.6	0	
	Hsinkong		iP	08.7	- 25 + 40 - 16	0.4	0.5	0.3 - 5 + 3 - 8.3						16.6	0	
	Taitan		iP	14.3										20.9	I	
	Alishan		eP	16.0										23.1	0	
	Hwalien		eP	20.1										22.4	0	
	Taichung		eP	35.8										19.5	0	
	Ilan		eP	33.5										29.0	0	
	Penghu		eP	50.0										?	0	
5	Hwalien	3	eP	11 29 45.5										0	0	Distant
	Tainan		eP	55.2										0	0	
6	Hwalien	3	P	23 26 43.0										0	0	Distant. Molucca sea.
	Hengchun		eP	27 01.0										0	0	
	Tawu		P	02.3										0	0	
	Taitung		eP	04.8										0	0	
	Hsinkong		eP	06.0										0	0	
	Alishan		eP	13.0										0	0	
	Tainan		P	13.1										0	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			
	Taichung	3	eP	23 27 18.9											0	
	Ilan		eP	29.2											0	
7	Ilan	4	P	01 33 19.1	+ 12850 + 16333			1.7 1.9							09.1	IV 24Km. N. E. of Ilan
	Taipei		iP	31.8	-2600 + 1923 + 1800			0.7 1.7 1.7 + 338 - 365 + 546							06.2	III 24.9° N. 121.9° E. H=5Km. (m)
	Hwalien		iP	33.6	+ 1363 + 1275			0.5 0.5 - -15.6 + 4.2 + 45.5							10.8	II
	Hsinchu		P	41.1	-1522 - 2042 + 6667			1.6 1.6 1.9 + 19.0 - 108 + 400							11.7	III
	Taichung		iP	49.1	- 581 - 481 + 397			1.0 1.5 1.6 - 7.1 - 11.0 + 27.8							19.3	I
	Hsinkong		P	52.8	+ 168 + 179 + 87			1.0 1.3 0.6							26.3	0
	Alishan		P	52.9				- 11.6 - 5.8 + 7.4							22.9	II
	Taitung		P	24 00.7											29.0	0
	Tainan		P	04.2 + 257 + 284				2.4 3.8 - ? ? + 5.2							32.1	0
	Tawu		iP	09.1 + 74 - 90 + 50				1.8 2.7 2.2 - 3.7 - 4.2 - 5.6							35.1	I
	Hengchun		P	14.6 + 161				3.3							40.4	0
	Penghu		P	32.0 + 263 + 175				3.2 2.2 - + 12.5 + 10.0							34.0	I
	Tanshui		P	33												II
8	Ilan	4	eP	01 37 16.7												I Local.
9	Hsinkong	8	eP	09 29 25.0											16.5	0 70Km. E. of Hwalien.
	Hwalien		eP	27.4											08.8	0 23.9° N. 122.3° E. H=10Km. (Unfelt)
	Taipei		eP	31.0											19.0	0
	Alishan		eP	31.8											20.0	0
	Taichung		eP	32.8											20.6	0
	Hsinchu		eP	36.0											21.0	0
	Tawu		P	50.1											12.5	0
	Taitung		P	51.4											29.0	0
	Tainan		eP	53.9											17.1	0
10	Penghu	8	iP	21 34 50.2	+ 198 + 148			3.2 1.3 - + 7.5 + 12.5							21.1	I 48Km. S. E. of Taichung
	Taichung		P	56.2											07.5	II 23.9° N. 121.1° E. H=10Km. (s)
	Hwalien		P	56.9											06.6	II
	Alishan		eP	36 01.5											06.9	II
	Hsinchu		P	02.5											12.8	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	μ	m	s	
	Hsinkong	8	iP	21 36 04.6	+ 191	+ 141	+ 100	0.9	0.8	0.8	- 3.6	+ 6.2	+ 13.2	12.2	I	
	Ilan		P	06.6	+ 282	+ 253	- 210	2.2	2.2	1.5	-	-	-	13.2	I	
	Taitung		P	07.3	-	-	-	-	-	-	-	-	-	16.1	O	
	Taipei		P	08.5	+ 353	+ 353	-	0.6	0.6	-	-	-	-	16.4	I	
	Tainan		P	10.7	- 128	+ 103	-	1.8	2.2	-	-	-	-	16.1	I	
	Tawu		eP	16.1	+ 76	+ 85	-	1.4	1.2	-	-	-	-	21.2	O	
	Hengchun		P	23.5	-	-	-	-	-	-	-	-	-	25.3	O	
	Tanshui		P	35 ...	-	-	-	-	-	-	-	-	-	-	I	
11	Penghu	20	iP	13 54 16.0	- 913	+ 575	-	1.0	2.3	-	+ 25.0	+ 70.0	-	15.8	I	28Km. S. of Taichung
	Taichung		iP	55 01.4	-	-	-	-	-	-	-	-	-	05.5	I	33.8° N. 120.7° E. H=5Km. (s)
	Alishan		P	07.0	-	-	-	-	-	-	+ 69.6	? - 83.2	-	04.5	I	
	Hwalien		iP	11.7	+ 800	+ 1020	-	2.7	2.9	-	- 10.2	+ 61.6	130.0	16.0	I	
	Hsingchu		P	13.2	-	-	-	-	-	-	-	-	-	-	I	
	Tainan	20	iP	13 55 13.3	-	-	-	-	-	-	+ 6.2	- 20.2	?	14.5	I	
	Hsinkong		iP	13.6	- 295	- 308	+ 168	1.3	1.5	1.2	- 22.7	+ 20.0	+ 35.7	14.2	I	
	Taitung		iP	165	-	-	-	-	-	-	-	-	-	17.7	I	
	Ilan		iP	20.0	+ 514	+ 591	- 290	1.7	2.1	1.7	+ 33.0	+ 28.0	+ 53.0	20.0	I	
	Tawu		iP	22.1	+ 80	+ 194	+ 601	1.4	3.5	3.2	- 8.0	+ 2.6	+ 5.6	20.9	I	
	Taipei		P	22.6	+ 472	- 15	-	3.6	1.8	-	+ 16.0	+ 06.4	+ 18.0	18.3	I	
	Hengchun		P	27.1	+ 234	+ 240	-	2.0	3.3	-	-	-	-	24.0	O	
12	Taichung	20	eP	14 02 08.3	-	-	-	-	-	-	-	-	-	03.7	O	45Km. S. W. of Taichung H=40Km. (Unfelt)
	Hsinkong		eP	16.5	-	-	-	-	-	-	-	-	-	13.3	O	
	Tainan		eP	22.4	-	-	-	-	-	-	-	-	-	10.3	O	
	Ilan		eP	26.8	-	-	-	-	-	-	-	-	-	05.4	O	
	Taipei		eP	43.5	-	-	-	-	-	-	-	-	-	-	O	
13	Taichung	20	P	15 09 43.5	-	-	-	-	-	-	-	-	-	05.6	O	45Km. S. E. of Taichung H=20Km. (Unfelt)
	Alishan		eP	49.7	-	-	-	-	-	-	-	-	-	04.6	O	
	Hsinkong		eP	58.4	-	-	-	-	-	-	-	-	-	10.6	O	
	Tainan		eP	10 02.2	-	-	-	-	-	-	-	-	-	-	O	
	Taipei		eP	19.5	-	-	-	-	-	-	-	-	-	-	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	m	s		
14	Hwalien	23	eP	00 27 48.7	-	-	-	-	-	-	-	-	-	-	07.7	O	50Km. E. of Alishan H=40Km. (Unfelt)
	Ilan		eP	55.5	-	-	-	-	-	-	-	-	-	-	15.1	O	
	Taipei		eP	28 04.8	-	-	-	-	-	-	-	-	-	-	18.5	O	
	Hsinkong		eP	07.7	-	-	-	-	-	-	-	-	-	-	06.9	O	
	Hsinchu		eP	16.1	-	-	-	-	-	-	-	-	-	-	-	O	
	Taichung		eP	18.5	-	-	-	-	-	-	-	-	-	-	10.9	O	
	Alishan		eP	55.8	-	-	-	-	-	-	-	-	-	-	-	O	
15	Tawu	25	iP	12 49 28.0	- 25	+ 24	- 14	0.9	0.9	0.9	- 2.7	+ 4.4	- 8.2	13.9	O	127Km. E. of Hengchun 21.9° N. 122.0° E. H=20Km. (m)	
	Taitung		P	31.0	-	-	-	-	-	-	-	-	-	-	14.3	O	
	Hengchun		eP	33.6	-	-	-	-	-	-	-	-	-	-	14.2	I	
	Hsinkong		P	36.0	-	-	-	-	-	-	-	-	-	-	16.7	O	
	Tainan		iP	41.6	-	-	-	-	-	-	- 3.7	+ 2.3	- 34.5	20.7	I		
	Hwalien		eP	45.9	-	-	-	-	-	-	-	-	-	-	25.7	O	
	Taichung		eP	52.0	-	-	-	-	-	-	-	-	-	-	31.5	O	
	Alishan		P	54.6	-	-	-	-	-	-	-	-	-	-	25.4	O	
	Ilan		eP	50 11.7	-	-	-	-	-	-	-	-	-	-	30.6	O	
	Taipei		eP	17.3	-	-	-	-	-	-	-	-	-	-	-	O	
	Hsinchu		eP	26.0	-	-	-	-	-	-	-	-	-	-	-	O	
16	Hwalien	26	P	12 55 52.0	-	-	-	-	-	-	-	-	-	-	09.0	I	76Km. ESE. of Hwalien H=20Km. (1)
	Hsinkong		eP	52.0	-	-	-	-	-	-	-	-	-	-	12.4	O	
	Alishan		eP	56 08.4	-	-	-	-	-	-	-	-	-	-	-	O	
17	Tainan	28	eP	12 16 02.4	-	-	-	-	-	-	-	-	-	-	-	-	156Km. E. of Hwalien H=20Km. (Unfelt)
	Ilan		eP	19.8	-	-	-	-	-	-	-	-	-	-	20.6	O	
	Hsinkong		eP	38.2	-	-	-	-	-	-	-	-	-	-	23.8	O	
	Taipei		eP	46.2	-	-	-	-	-	-	-	-	-	-	19.5	O	
	Hwalien		eP	49.0	-	-	-	-	-	-	-	-	-	-	18.8	O	
	Taichung		P	50.8	-	-	-	-	-	-	-	-	-	-	23.9	O	
	Alishan		eP	53.9	-	-	-	-	-	-	-	-	-	-	-	-	
18	Hwalien	29	P	13 41 11.0	-	-	-	-	-	-	-	-	-	-	04.0	I	Local.

