

地震季報

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SEISMOLOGICAL BULLETIN

January to March 1962

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臺灣省氣象所

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Geographical coordinates of the Seismological Station, Taiwan China.

λ : Longitude φ : Geographical Latitude

φ' : Geocentric Latitude

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

Station	φ_i (N)	λ_i (E)	φ'	Alitude	Subsoil	a	b	c	Seismographs
Alishan(mt.)	23.31	120.48	23.22	2406.1	MiocemeSands-	- 0.4700	+ 0.7885	+ 0.3966	W. (H. V.) O. S ₁ .
Hengchun	22.00	120.45	21.52	22.3	Alluvium	- 0.4745	+ 0.7976	+ 0.3724	W. (H. V.) S ₂ .
Hsinkong	23.06	121.22	22.58	36.5	"	- 0.4793	+ 0.7862	+ 0.3901	P ₁ S ₂ W. (H. V.) A ₁ .
Hsinchu	24.48	120.58	24.39	32.8	"	- 0.4677	+ 0.7793	+ 0.4171	P ₁ S ₂ .
Hwaiien	23.58	121.37	23.49	17.6	"	- 0.4796	+ 0.7791	+ 0.4038	W. (H. V.) P ₁ S ₂ A ₂ .
Ilan	24.46	121.45	24.37	7.4	"	- 0.4784	+ 0.7731	+ 0.4165	W. (H. V.) P ₁ S ₁ .
Kaohsiung	22.37	120.16	22.29	33.1	"	- 0.4657	+ 0.7981	+ 0.3824	P ₁ S ₁ .
Lanyu	22.02	121.33	21.54	332.2	Basalt	- 0.4881	+ 0.7950	+ 0.3730	P ₂ .
Penghu	23.32	119.33	23.23	9.4	"	- 0.4527	+ 0.7985	+ 0.3969	P ₁ .
Taipei	25.02	121.31	24.53	8.0	Alluvium	- 0.4742	+ 0.7733	+ 0.4208	W.(H.V.) O.S ₁ P ₃ A ₁ .
Tawu	22.21	120.54	22.13	7.6	"	- 0.4754	+ 0.7944	+ 0.3781	W. (H.V.) S ₁ .
Taitung	22.45	121.09	22.37	8.9	"	- 0.4775	+ 0.7900	+ 0.3846	W. (H. V.) S ₂ .
Tainan	23.00	120.13	22.52	12.7	"	- 0.4637	+ 0.7962	+ 0.3886	W. (H. V.) P ₁ S ₁ A ₁ .
Taichung	24.09	120.41	24.00	77.1	"	- 0.4662	+ 0.7856	+ 0.4067	W. (H. V.) S ₂ P ₁ .
Yushan(Mt. Morrison)	23.29	120.57	23.21	3850.0	"	- 0.4722	+ 0.7873	+ 0.3964	P ₁ .

W(H): Wiechert's horizontal seismograph.

W(V): Wiechert's vertical seismograph.

O : Omori's horizontal seismograph. (V:20)

P₁ : C.M.O. type horizontal portable seismograph. (V:40)

P₂ : Three component portadle seismograph. (V:20)

P₃ : Higuti-C.M.O. type short period, horizontal seismograph. (V:50)

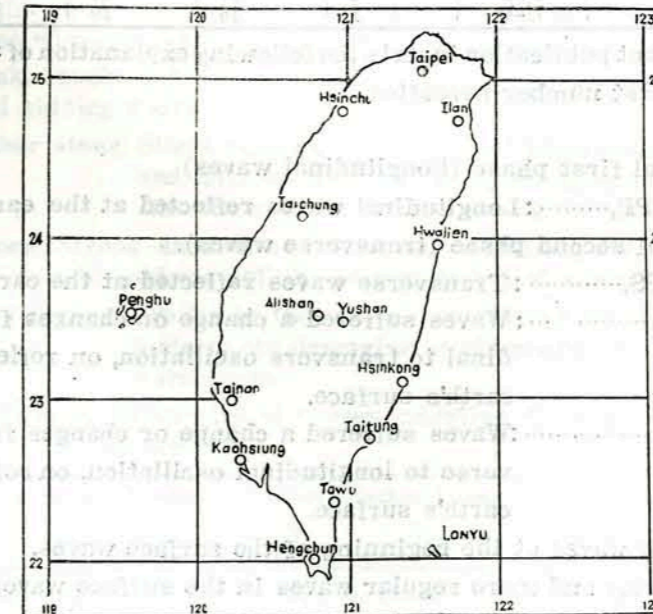
S₁ : C.M.O. type three component strong motion seismograph. (V:2)

S₂ : Higuti-C.M.O. type three component strong motion seismograph.(V:1)

A₁ : Ishimoto's three componot acceleration seismograph.

A₂ : Higuti's three component strong motion accelerometer.

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



Specification of instruments:-

Mass of the pendulum M (kg) Friction r (mm.²)
 Magnification V. Proper period of the pendulum T₀(sec.)
 Damping coefficient V.

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.	U.	R.	T.
W(H)	E-W	200	77	9	0.10	5.1
	N-S	200	78	9	0.13	
	U-D	80	75	8	0.08	
P ₁	E-W	18	40	8	0.13	5.1
	N-S	18	40	8	0.13	
P ₂	E-W	10	20	2	0.24	4.0
	N-S	10	20	2	0.41	
	U-D	7.5	20	2	0.29	
P ₃	E-W	20	49	10	0.08	2.2
	N-S	20	49	10	0.08	
O	E-W	15	20	3	0.05	15.7
	N-S	15	20	3	0.08	
S ₁	E-W	2	2	4	0.06	3.8
	N-S	2	2	4	0.06	
	U-D	1.5	2	8	0.06	
S ₂	E-W	4	1	8	0.04	6.0
	N-S	4	1	8	0.04	
	U-D	2	1	8	0.03	
A ₁	E-W	15	220	10	0.005	0.10
	N-S	15	220	10	0.009	
	U-D	15	170	10	0.006	
A ₂	E-W	1	16	10	0.01	0.11
	N-S	1	16	10	0.02	
	U-D	1	16	10	0.01	

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, etc., 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)	< 0.8	0.8-2.5	2.5-8	8-25	25-80	80-250	250<

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

- (r) Remarkable earthquake: The radius of the felt area is greater than 300 km.
- (m) Moderate earthquake: The radius is smaller than 300 km. but greater than 200 km.
- (s) Earthquake of small felt area: The radius is smaller than 200 km. but greater than 100 km.
- (l) Local earthquake: The radius is smaller than 100 km.
- (d) Distant earthquake: The epicentral distance is greater than 300 km. from the coast of Taiwan.
6. The depth of hypocenter is as a rule expressed in terms of kilometers, If it is not determined so definitely, the following scale will be adopted.
- | Class | Very shallow | Shallow | Rather deep | Deep |
|-------|--------------|-----------|-------------|---------|
| Depth | 0~30km. | 30~100km. | 100~200 km. | >200km. |
7. Geographical coordinates:
 λ : Longitude (E) ϕ : Latitude (N)
 The coordinates are expressed in degrees with one place of decimal.
8. Time
 Time is referred to Greenwich Mean Time (G.M.T.)

General Aspect Earthquakes January to March, 1962.

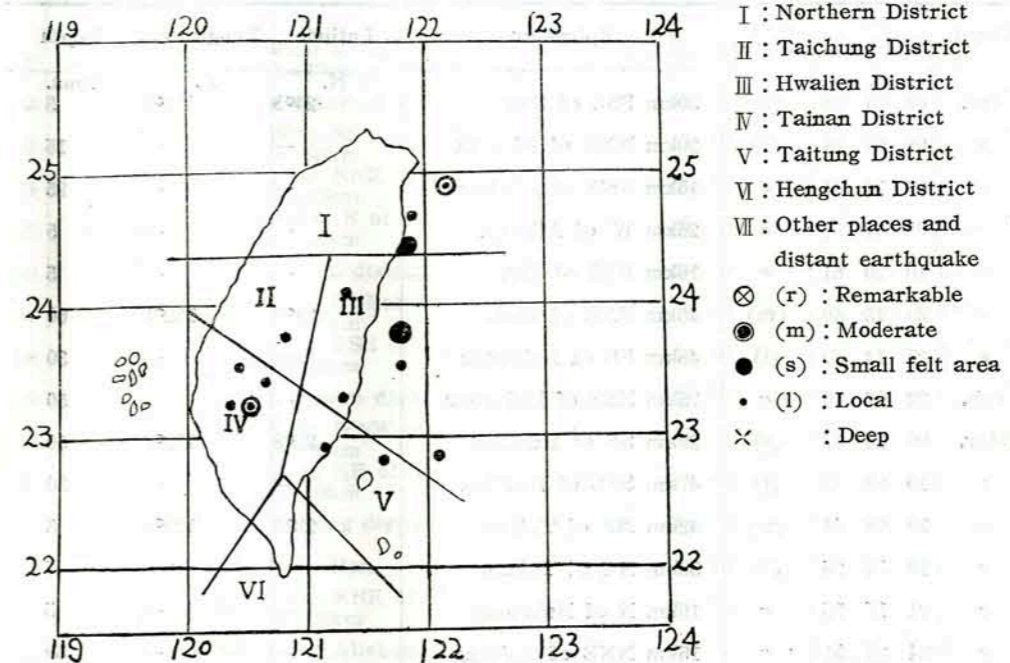
During the month of January, about one hundred and five earthquakes had been recorded in Taiwan. Among them seven quake were listed in the classification of felt earthquakes and the remains were unfelt ones. A moderate earthquake had happened on the date of 24th of January. Its epicentre was located at about 45kms ENE of Ilan. Another small felt area earthquake was recorded on the 4th with its epicentre at 30 kms SSE. of Ilan. Five local earthquakes had been traced out from seismograms, one of which was located in Taichung district. Other local earthquakes had been reported in Tainan and Taitung district on different date. One distant earthquake had been recorded in this month. Its epicenter was located near Shikoku Japan on the 4th of January.

In February the occurrence of earthquakes was counted to a number of sixty three which shows the minimum of the season. One local earthquake had occurred at ESE of Hsinkong with a distance of 75kms. The rests were unfelt earthquakes included with four distant earthquakes.

During the month of march, one hundred twenty earthquakes had been recorded. According to their classification, seven shocks were considered as felt earthquakes, and the others were unfelt shocks including seven distant earthquakes. A moderate earthquake located at about 42kms. to NE of Tainan had happened on the 10th of March. Another small felt area earthquake had also encountered on the 6th. Its epicentre was located at about 29 kms to SE of Hwalien. The remains were all considered to be the felt earthquakes of local characters.

The seismograms had shown eleven distant earthquakes in the month of march. Two epicentres had been located around Ryukyu Is. on the date of the 1st and 16th of the month. Another two distant earthquakes happened on the date of 21st and 22nd, their epicenters had been found in Java Sea. The epicentres of another four distant earthquakes had been extrapolated around Mariana Is., at east coast of Mineanao P.I. in Kwangtung, China and at North coast of New Guinea with reference to the date of 7th, 11th, 18th and 22nd of the month. The epicenters of other distant earthquakes were still unknown.

Epicenters of Felt Farthquakes January to March, 1962



Number of earthquakes classified according to its magnitude and districts January to March 1962

Classification Districts	Number of felt earthquakes					Number of unfelt earthquakes	Total
	Remarkable	Moderate	Small felt area	Local	Total		
Northern District	—	1	1	1	3	72	75
Taichung "	—	—	—	1	1	14	15
Hwalien "	—	—	1	4	5	76	81
Tainan "	—	1	—	3	4	6	10
Taitung "	—	—	—	2	2	74	76
Hengchun :	—	—	—	—	—	15	15
Other places "	—	—	—	—	—	16	16
Total	—	2	2	11	15	273	288

Felt earthquakes in the month of January to March, 1962

No.	Month	P. (G. M. T.)			Mag-nitude	Epicenter	Latitude	Longitude	Depth
		d.	h.	m.					
1	Jan.	04	01	24	(s)	30km SSE of Ilan	N. 24°5	E. 121°9	kms. 5
2	"	08	07	08	(l)	20km NNE of Alishan	—	—	15
3	"	09	16	46	"	16km SSW of Alishan	—	—	95
4	"	09	17	59	"	26km W of Alishan	—	—	5
5	"	10	20	51	"	16km ESE of Ilan	—	—	5
6	"	24	15	40	(m)	45km ENE of Ilan	24°9	122°1	60
7	"	26	14	40	(l)	48km SE of Hsinkong	—	—	30
8	Feb.	22	07	16	"	75km ESE of Hsinkong	—	—	50
9	Mar.	06	18	57	(s)	29km SE of Hwalien	23°8	121°8	50
10	"	10	00	15	(l)	47km SSE of Hwalien	—	—	30
11	"	10	08	44	(m)	42km NE of Tainan	23°2	120°5	5
12	"	10	12	25	(l)	38km NE of Tainan	—	—	5
13	"	21	17	15	"	15km N of Hsinkong	—	—	5
14	"	24	23	31	"	15km NNE of Taitung	—	—	30
15	"	26	11	12	"	26km WNW of Hwalien	—	—	5

Unfelt earthquakes in the month of January to March, 1962

No.	Month	P. (G. M. T.)			Epicenter	No.	Month	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
1	Jan.	01	22	14	Northern district	16	Jan.	05	00	56	30km SSE of Ilan H=0~5km
2	"	02	10	20	Near Hwalien	17	"	05	11	25	Near Hsinkong
3	"	03	02	47	Taitung district	18	"	05	20	16	Near Ilan
4	"	04	04	36	(d) 33.9 N 135.2 E	19	"	05	21	54	"
5	"	04	10	25	52km ESE of Taitung H=20km	20	"	05	23	17	Near Yushan
6	"	04	09	18	Near Ilan	21	"	06	01	13	Near Ilan
7	"	04	13	11	"	22	"	06	22	46	Taitung district
8	"	04	21	39	30km SSE of Ilan H=0~5km	23	"	07	16	17	Near Hwalien
9	"	04	21	52	"	24	"	08	01	55	Northern district
10	"	04	23	30	"	25	"	08	13	43	Near Ilan
11	"	04	23	55	"	26	"	08	18	10	52km ESE of Hwalien H=5km
12	"	04	23	56	"	27	"	08	18	38	Near Ilan
13	"	05	00	19	"	28	"	09	01	40	Near Hsinkong
14	"	05	00	48	"	29	"	09	05	03	Near Alishan
15	"	05	00	55	"	30	"	09	07	00	Near Ilan

No.	Month	P. (G. M. T.)			Epicenter	No.	Month	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
31	Jan.	09	13	49	30km ENE of Ilan H=10km	67	Jan.	22	10	19	Taitung district
32	"	09	16	06	Northern district	68	"	22	11	33	16km WSW of Ilan H=10km
33	"	09	16	52	16km SSW of Alishan H=95km	69	"	22	12	17	30km ESE of Taipei H=10km
34	"	09	17	28	27km NNE of Alishan H=15km	70	"	22	12	29	Near Taitung
35	"	09	17	40	106km E of Ilan H=10km	71	"	23	00	06	Hwalien district
36	"	09	19	15	Tainan district	72	"	23	04	08	Near Hsinkong
37	"	09	20	50	85km ENE of Hwalien H=20km	73	"	23	04	36	Hengshun district
38	"	10	00	04	86km ESE of Taitung H=20km	74	"	23	14	55	50km ENE of Taipei H=10km
39	"	10	11	36	Northern district	75	"	23	23	31	Near Ilan
40	"	10	15	03	29km WNW of Taipei H=20km	76	"	24	04	51	25km SSW of Ilan H=10km
41	"	10	15	27	60km NE of Taipei H=20km	77	"	24	05	24	Near Ilan
42	"	10	18	14	Taitung district	78	"	25	03	00	Near Hsinkong
43	"	11	10	29	Near Ilan	79	"	25	03	08	Taitung district
44	"	12	07	01	80km ENE of Taipei H=20km	80	"	25	05	05	"
45	"	12	13	15	Near Alishan	81	"	25	05	38	45km ENE of Taitung H=20km
46	"	12	13	38	20km SSW of Ilan H=10km	82	"	25	05	50	Near Alishan
47	"	12	14	18	Taitung district	83	"	25	23	49	153km ESE of Hwalien H=20km
48	"	12	16	07	Hwalien district	84	"	25	23	53	Hwalien district
49	"	13	09	34	Near Ilan	85	"	26	11	00	Northern district
50	"	13	19	28	Near Hwalien	86	"	27	01	31	50km of Taipei H=10km
51	"	14	13	59	125km ESE of Ilan H=25km	87	"	27	01	44	38km E of Ilan H=35km
52	"	14	14	32	Hwalien district	88	"	27	04	27	Hwalien district
53	"	14	17	53	Taitung district	89	"	28	03	29	35km WNW of Hsinkong H=20km
54	"	14	18	05	"	90	"	28	06	56	65km ENE of Taipei H=20km
55	"	14	19	25	"	91	"	28	16	13	73km E of Hengchun H=20km
56	"	16	01	54	Near Hwalien	92	"	29	09	27	Near Hsinkong
57	"	16	21	10	Hwalien district	93	"	29	15	59	Hwalien district
58	"	17	01	02	Near Hsinkong	94	"	29	23	44	Near Ilan
59	"	17	08	50	"	95	"	30	03	07	20km E of Hsinkong H=10km
60	"	17	18	17	20km S of Alishan	96	"	30	13	18	48km ENE of Hsinkong H=20km
61	"	19	08	15	Hwalien district	97	"	30	15	25	Near Hsinkong
62	"	19	17	02	20km E of Yushan	98	"	31	14	31	Near Hwalien
63	"	20	00	33	Near Taitung	99	Feb.	02	14	18	Near Yushan
64	"	20	02	46	"	100	"	03	00	43	(d) 1.2 S 137.8 E
65	"	20	11	14	Taitung district	101	"	03	08	02	Near Hwalien
66	"	21	15	54	24km NNW of Yushan H=20	102	"	03	12	06	105km ENE of Hwalien H=20km

No.	Month	P. (G. M. T.)			Epicenter	No.	Month	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
103	Feb.	04	14	16	65km ENE of Hsinkong H=20km	139	Feb.	19	04	50	Taitung district
104	"	05	01	09	Taitung district	140	"	20	02	04	Hwalien district
105	"	05	01	51	110km ENE of Taipei H=60km	141	"	20	14	36	Taitung district
106	"	05	02	04	Hwalien district	142	"	20	16	11	Norhtern district
107	"	05	02	09	Taichung disturict	143	"	20	22	07	(d) ?
108	"	05	15	54	Near Hwalien	144	"	21	00	51	25km ENE of Ilan H=20km
109	"	05	19	29	Hwalien district	145	"	21	04	01	52km E of Ilan H=20km
110	"	05	20	06	100km ENE of Taitung H=20km	146	"	21	05	42	Near Hwalien
111	"	06	07	48	Hwalien district	147	"	22	00	58	Hwalien district
112	"	06	08	24	"	148	"	22	05	08	Taitung district
113	"	06	20	38	Near Hwalien	149	"	22	05	13	Taitung district
114	"	06	21	25	Hwalien district	150	"	22	14	18	Hwalien district
115	"	06	22	25	Hengchun district	151	"	22	21	36	Hengchun district
116	"	06	22	27	"	152	"	23	05	09	Near Taitung
117	"	08	11	55	Hwalien district	153	"	24	13	23	114km SE of Hwalien
118	"	09	02	20	Near Hsinkong	154	"	24	15	16	Hwalien district
119	"	09	14	28	125km N of Taipei H=80km	155	"	25	12	49	98km ENE of Ilan H=20km
120	"	10	05	41	Near Hwalien	156	"	25	12	56	Hwalien district
121	"	11	02	46	(d) 29.6 N 139.0 E	157	"	26	08	49	Taitung district
122	"	11	03	34	Near Hsinkong	158	"	26	08	53	"
123	"	11	05	53	Near Taitung	159	"	27	06	42	Taichung district
124	"	11	08	23	Near Hsinkong	160	"	27	08	03	Near Alishan
125	"	11	08	43	Near Taitung	161	"	28	22	55	Hengchun district
126	"	11	11	36	Near Hsinkong	162	"	28	23	09	"
127	"	11	17	51	Near Hwalien	163	Mar.	01	01	03	Hwalien district
128	"	11	19	03	Hwalien district	164	"	01	04	52	(d) 25.7 N 124.8 E H=52km
129	"	12	02	42	Hengchun district	165	"	01	06	46	Taitung district
130	"	14	06	57	(d) 38.1 S 73.1 W.	166	"	01	12	42	Hwalien district
131	"	14	19	05	Hwalien district	167	"	02	12	52	Near Hwalien
132	"	15	06	29	60km ESE of Ilan H=5km	168	"	02	15	23	Hwalien district
133	"	15	20	47	75km E of Taipei H=20km	169	"	02	21	10	"
134	"	16	10	48	Hwalien district	170	"	02	22	49	Taitung district
135	"	17	11	19	Taitung district	171	"	03	08	56	Hwalien district
136	"	18	05	03	70km ENE of Hwalien H=20km	172	"	03	12	21	Hengchun district
137	"	18	05	16	Taitung district	173	"	04	04	09	Naer Hsinkong
138	"	18	22	52	107km ESE of Ilan H=35km	174	"	04	04	12	Taitung district

No.	Month	P. (G. M. T.)			Epicenter	No.	Month	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
175	Mar.	04	08	31	Taitung district	211	Mar.	14	04	34	Hwalien district
176	"	04	10	08	Northern district	212	"	14	13	08	Hengchun district
177	"	04	21	14	Near Hsinkong	213	"	14	15	03	Taichung district
178	"	04	21	24	Taitung district	214	"	15	01	57	Hwalien district
179	"	05	00	12	Near Hsinkong	215	"	15	05	55	Taitung district
180	"	05	16	47	Hengchun district	216	"	15	15	03	60km E of Ilan H=10km
181	"	06	16	23	80km SE of Hengchun H=5km	217	"	15	18	49	Hengchun district
182	"	06	22	29	Taitung district	218	"	16	09	43	26.8 N 127.2 E H=176km (d)
183	"	06	22	57	Northern district	219	"	16	14	49	Hwalien district
184	"	07	08	13	Hengchun district	220	"	16	16	10	Taitung district
185	"	07	10	37	Near Hwalien	221	"	16	16	47	100km E of Taitung H=20km
186	"	07	12	05	(d) 19.3 N 145.3 E H=680km	222	"	17	00	47	Hengchun district
187	"	07	11	08	Northern district	223	"	17	03	01	Taitung district
188	"	07	15	50	Near Hwalien	224	"	17	16	42	"
189	"	07	15	58	Northern district	225	"	17	20	20	Near Hsinkong
190	"	08	19	03	Near Ilan	226	"	17	22	11	60km E of Taitung H=20km
191	"	08	21	34	Hwalien district	227	"	18	16	42	42km NNW of Hwalien H=0km
192	"	09	12	58	Near Alishan	228	"	18	19	27	70km E of Taipei H=35km
193	"	09	14	38	Near Taitung	229	"	18	20	19	(d) 23.7 N 114.5E H=43km
194	"	09	22	14	Hwalien district	230	"	18	21	05	Northern district
195	"	10	09	08	23.2 N 120.5 E H=5km	231	"	18	21	45	"
196	"	10	09	39	Hwalien district	232	"	18	22	25	Near Taitung
197	"	10	10	28	Northern district	233	"	18	23	04	Hwalien district
198	"	10	11	32	Taitung district	234	"	18	23	30	"
199	"	10	12	14	Hwalien district	235	"	19	01	13	Taichung district
200	"	10	12	27	Near Yushan	236	"	19	03	59	Northern district
201	"	10	13	45	Taitung district	237	"	19	05	59	Nengchun district
202	"	10	14	36	"	238	"	19	15	41	Northern district
203	"	11	01	36	"	239	"	19	21	52	Near Hwalien
204	"	11	16	24	Hwalien district	240	"	20	05	55	Near Hsinkong
205	"	11	19	22	(d) 9.0 N 126.7 E H=25km	241	"	21	02	57	(d) ?
206	"	12	04	27	30km NE Hsinkong H=5km	242	"	21	20	17	40km NNE of Tainan H=15km
207	"	12	11	59	(d) ?	243	"	21	23	03	(d) 5.9 S 113.0 E H=631km
208	"	12	20	40	Northern district	244	"	22	00	25	(d) 5.9 S 112.9 E H=611km
209	"	13	19	07	Taitung district	245	"	22	15	19	(d) 3.2 S 142.3 E H=25km
210	"	14	03	52	Tainan district	246	"	23	11	45	Hwalien district

No.	Month	P. (G. M. T.)			Epicenter	No.	Month	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
247	Mar.	23	17	38	Northern district	261	Mar.	29	13	48	Hwalien district
248	"	23	17	39	"	262	"	29	16	55	51km E of Ilan H=10km
249	"	24	13	06	(d) ?	263	"	29	18	10	Near Tawu
250	"	24	17	59	Near Hwalien	264	"	29	18	30	122km E Taipei H=20km
251	"	25	03	42	"	265	"	29	20	14	116km E of Tawu H=
252	"	25	18	49	Taitung district	266	"	29	21	15	70km E of Hengchun H=20km
253	"	25	20	27	100km ENE of Hwalien H=20km	267	"	30	00	51	100km ESE of Ilan H=20km
254	"	26	03	33	Hwalien district	268	"	30	06	57	Near Hwalien
255	"	26	16	28	66km E of Taipei H=10km	269	"	30	08	00	"
256	"	27	03	37	Taitung	270	"	30	19	29	"
257	"	28	16	05	Northern district	271	"	31	04	20	Northern district
258	"	29	01	54	"	272	"	31	04	30	Hwalien district
259	"	29	02	29	Hwalien district	273	"	31	15	40	Northern district
260	"	29	02	49	"						

Major Earthquakes which occurred in January, 1962.

No.	Station	Date	Phase	P. (G. M. T.)			Initial Motion			Maximum Amplitude			Period			P~S	Intensity	Epicenter & Remarks
				h.	m.	s.	N	E	Z	N	E	Z	N	E	Z			
1	Taipei	4	ep	04	36	06.6	μ	μ	μ	μ	μ	μ	s	s	s	m	s	03 14.0 O 33.9N
	Ilan		ep	38	43.6													05 02.2 O 135.2E
	Alishan			47.2														O H=56km(d)
	Hengchun			39	16.4													O
	Hwalien			19.4														O
	Tainan			38.8														O
	Taichung			39.7														O
	Tawu			42.0														O
Taitung			43.4														O	
2	Yushan	4	ep	21	24	20.0												15.0 O 24.5N
	Alishan		ep	21.3														21.1 O 121.9E
	Ilan		ip	58.7	+ 45	+ 13	+ 136	1500	1850	900	1.9	2.2	1.9	0.37	III			H=0~5(s)
	Hwalien		ip	25	05.8	- 7.6	+ 5.5	+ 21.1	235	200	144	11.5	4.5	3.9	08.2	O		
	Taipei		ip	06.8	+ 35	- 13	+ 111	544	354	200	1.2	1.3	1.3	09.8	II			
	Taichung		p	16.1														16.5 O

No.	Station	Date	Phase	P. (G. M. T.)			Initial Motion			Maximum Amplitude			Period			P~S	Intensity	Epicenter & Remarkse	
				h.	m.	s.	N	E	Z	N	E	Z	N	E	Z				
	Hsinkong		ep	20.9			μ	μ	μ	μ	μ	μ	s	s	s			19.4 I	
	Taitung		ep	34.5														16.8 O	
	Tainan		ep	36.2														33.0 O	
	Tawu		ep	37.0														31.8 O	
	Kaohsung		ep	40.2														O	
	Hengchun		ep	48.0														29.6 O	
	Hsinchu		ep	26 09.5														15.0 I	
3	Yushan	8	p	07 08 22.7														05.8 I 20km NNE	
	Alishan		ip	27.9	14	6	13	234	120									07.3 I of Alishan	
	Tainan		p	32.4	+ 15	+ 18	- 15.6	245	273	190	2.6	2.1	3.3					12.7 O H=15km	
	Kaohsiung		p	39.0														12.2 O (I)	
	Hsinkong		ep	39.1														13.4 O	
	Taitung		ip	39.4	+ 4.3	- 7.9	- 7.2	116	98	87	2.2	2.2	3.5					12.6 O	
	Tawu		ep	40.9														10.4 O	
	Penghu		p	43.1														16.8 O	
	Taichung		p	44.8															12.2 O
	Hsinchu		ep	48.0															15.0 O
Hengchun		ep	48.4															22.0 O	
Hwalien		ep	51.1						112	108	55	2.8	3.3	2.2				17.6 O	
Ilan		p	59.4						91	100		2.2	2.0					22.1 O	
Taipei		p	10 02.7															26.5 O	
4	Yushan	9	ep	16 46 20.5														07.8 I 16km SSW	
	Alishan		ep	21.8						230	190		1.1	1.4				08.4 I of Alishan	
	Penghu		p	59.8														12.2 O H=95km	
	Tainan		p	47 21.5	+ 6.3	+ 6.3	- 5.1	389	313	139	1.7	2.1	2.1					12.5 O (I)	
	Hsinkong		ep	27.3						114	158	93	1.3	1.9	1.8				12.9 I
	Taichung		p	28.3														16.3 O	
	Taitung		ip	28.7	+ 6.4	- 7.9	- 7.3	119	98	147	1.8	2.2	2.2					14.7 O	
	Tawu		ep	30.0															15.3 O
	Hwalien		p	38.2															17.3 O
	Hsinchu		ep	38.5															22.5 O
Hengchun		ep	38.6															21.1 O	
Taipei		p	50.9															21.2 O	
Ilan		ep	51.4						92	111		2.2	2.0					28.9 O	

No.	Station	Date	Phase	P. (G. M. T.)	Initial Motion			Maximum Amplitude			Period			P~S	Intensity	Epicenter &Remarks
					N	E	Z	N	E	Z	N	E	Z			
5	Yushan	9	p	h. m. s. 17 59 48.5	μ	μ	μ	μ	μ	μ	s	s	s	m s	05.8	I 26km W
	Alishan		p	54.7				93	93						06.2	I of Alishan
	Tainan		ep	18 00 56.7											0.93	O H=5km
	Hsinkong		ep	01 02.3											12.8	O (l)
	Taitung		ip	02.5 + 2.1 - 45											13.4	O
	Tawu		ep	04.6											10.0	O
	Taichung		p	07.3											11.5	O
	Hsinchu		ep	07.5											30.0	O
	Hwalien		p	11.1				95	58	48	1.8	1.5	1.2		16.4	O
	Hengchun		ep	15.3											20.8	O
	Penghu		p	24.9											13.0	O
	Taipei		p	26.9											25.0	O
	Ilan			29.6											22.3	O
	6	Taipei	10	p	20 51 14.1											07.5
Alishan			ep	29.1											24.4	O of Ilan
Ilan			p	52 08.0				153	165		1.6	1.8			02.8	I H=5km
Hwalien			p	14.9											10.8	O (l)
Hsinchu			ep	16.5											12.5	O
Taichung			p	23.6											16.8	O
Taitung			ep	51.4											21.1	O
7	Taipei	24	ip	15 40 05.1 + 45 - 23 + 132 >1000 >1130 > 200						1.2	1.3	0.7			08.9	III 45km ENE
	Ilan		ip	07.4 - 27 + 22 + 272	976	758	800	2.0	2.4	1.8					09.4	III of Ilan
	Hwalien		p	09.1				850	1000	360	1.0	1.0	1.0		13.3	II 24.9 N
	Hsinchu		ep	09.7											13.0	II 122.1 E
	Taichung		p	14.2				270		24.8	3.0	3.1			15.7	I H=60km
	Hsinkong		ep	20.7				151	132						21.1	I (r)
	Tainan		ep	30.0											33.7	O
	Taitung		ep	30.8											26.5	O
	Tawu		p	33.8											31.5	O
	Hengchun		ep	39.7											33.3	O
	Yushan		ep	45.2											20.5	I
	Alishan		ep	46.8				153	175						22.4	I

No.	Station	Date	Phase	P. (G. M. T.)	Initial Motion			Maximum Amplitude			Period			P~S	Intensity	Epicenter &Remarks
					N	E	Z	N	E	Z	N	E	Z			
8	Hsinkong	26	ep	h. m. s. 14 40 38.2	μ	μ	μ	μ	μ	μ	s	s	s	m s	06.1	I 48km SE
	Taitung		ep	39.0											11.7	O of Hsinkong
	Tawu		ep	42.6											11.0	O H=30km
	Alishan		ep	53.6											16.3	O (l)
	Hwalien		ep	56.3											13.8	O
	Hengchun		ep	58.0												O
	Taichung		ep	41 00.7												O

Major Earthquakes Which Occurred in February, 1962.

No.	Station	Date	Phase	P. (G. M. T.)	Initial Motion			Maximum Amplitude			Period			P~S	Intensity	Epicenter &Remarks
					N	E	Z	N	E	Z	N	E	Z			
1	Taichung	3	ep	h. m. s. 00 43 20.3	μ	μ	μ	μ	μ	μ	s	s	s	m s		O 1.2S 137.8E
	Taitung		ep	44 05.2											04 00.0	O H=17km
	Ilan		ep	09.4											04 35.4	O (d)
	Hwalien		ep	17.0				110			16.0				04 34.7	O
	Taipei		ep	30.8											04 36.9	O
	Tawu		p	53.4												O
2	Hengchun		ep	50 07.4												O
	Hwalien	11	p	02 46 10.7											02 52.1	O 29.6N
	Yushan		ep	18.5												O 139.0E
	Taitung		ep	18.8											03 07.1	O H=400km
	Alishan		ep	21.5												O (d)
3	Tawu		ep	23.9												O
	Hengchun		ep	26.7												O
	Tawu	14	ep	06 56 03.2												O 38.1 S 73.1 W
	Taipei		ep	57 18.9												O H=44km (d)
4	Taichung	20	ep	22 07 28.9												(d) faint
	Tainan		ep	32.9												
	Ilan		ep	35.5											06 34.2	
	Alishan		ep	36.1											06 44.2	
	Taipei		p	36.8											04 04.4	

No.	Station	Date	Phase	P. (G.M.T.)	Initial Motion			Maximum Amplitude			Period			P~S	Intensity	Epicenter & Remarks
					N	E	Z	N	E	Z	N	E	Z			
	Yushan		p	h. m. s. 37.3	μ	μ	μ	μ	μ	μ	s	s	s	m s	07 08.5	
	Hwalien		ep	40.5	-	-	-	385	110	-	13.4	09.5	-	04 06.5		
	Taitung		ep	43.4	-	-	-	-	-	-	-	-	-	04 09.7		
	Hengchun		ep	53.0	-	-	-	-	-	-	-	-	-	07 02.8		
	Hsinchu		ep	09 52.5	-	-	-	-	-	-	-	-	-	03 50.0		
5	Hsinkong	22	ep	07 16 46.7	-	-	-	-	-	-	-	-	-	08.7	II	75km ESE
	Taitung		ep	07 17 00.6	-	-	-	-	-	-	-	-	-	-	-	O of Hsinkong
	Alishan		ep	02.9	-	-	-	-	-	-	-	-	-	-	-	O H=20km
	Hwalien		ep	14.3	-	-	-	-	-	-	-	-	-	14.7	O (l)	
	Hengchun		ep	24.6	-	-	-	-	-	-	-	-	-	-	-	O

Major Earthquakes Which Occurred in March, 1962.

No.	Station	Date	Phase	P. (G.M.T.)	Initial Motion			Maximum Amplitude			Period			P~S	Intensity	Epicenter & Remarks	
					N	E	Z	N	E	Z	N	E	Z				
1	Yushan	1	p	h. m. s. 04 52 13.1	μ	μ	μ	μ	μ	μ	s	s	s	m s	45.8	O 25.7N	
	Ilan		p	56.0	-	-	-	94	190	-	3.0	2.9	-	36.8	O	124.8 E	
	Taipei		p	59.5	-	3	-	10	-	72	76	-	2.8	2.8	-	21.0	O H=52km
	Hwalien		p	59.8	-	-	-	120	155	-	5.1	3.5	-	01 03.4	O (d)		
	Hsinkong		ep	53 08.6	-	-	-	-	-	-	-	-	-	45.1	O		
	Taichung		p	10.6	-	-	-	-	-	-	-	-	-	-	-	O	
	Alishan		ep	12.2	-	-	-	-	-	-	-	-	-	50.5	O		
	Hsinchu		ep	13.0	-	-	-	-	-	-	-	-	-	22.0	O		
	Taitung		ep	13.4	-	-	-	-	-	-	-	-	-	49.5	O		
	Tainan		ep	14.8	-	-	-	-	-	-	-	-	-	-	-	O	
	Tawu		ep	18.7	-	-	-	-	-	-	-	-	-	51.7	O		
	Hengchun		ep	28.5	-	-	-	-	-	-	-	-	-	58.6	O		
	Kaohsiung		ep	41.8	-	-	-	-	-	-	-	-	-	-	-	O	
2	Tawu	6	ep	18 57 36.9	-	-	-	-	-	-	-	-	-	22.9	O	29km SE	
	Hwalien		ip	58 17.7 + 19.8	-	0.6 +	97.5	650	700	485	1.8	1.9	2.0	06.7	III	of Hwalien	
	Hsinkong		ip	23.1 + 10.5 + 7.0	-	-	-	-	-	-	-	-	-	10.1	II	H=50km	
	Alishan		ip	26.9	9.5	42	-	290	271	-	-	-	-	10.7	I (s)		
	Hsinchu		ep	28.0	-	-	-	-	-	-	-	-	-	15.0	O		

No.	Station	Date	Phase	P. (G.M.T.)	Initial Motion			Maximum Amplitude			Period			P~S	Intensity	Epicenter & Remarks		
					N	E	Z	N	E	Z	N	E	Z					
	Yushan		p	h. m. s. 28.3	-	12.5	+ 87.5	μ	μ	μ	s	s	s	m s	07.8	I		
	Taichung		p	30.0	-	-	-	-	-	-	-	-	-	-	-	12.9	O	
	Taitung		ep	30.0	-	-	-	191	1932	-	2.2	2.0	-	-	-	13.6	O	
	Ilan		ep	32.5	-	-	-	150	142	-	2.0	2.0	-	-	-	15.8	O	
	Taipei		p	35.6	-	-	-	77	85	-	0.9	0.9	-	-	-	14.9	O	
	Tainan		ep	38.8	-	-	-	-	-	-	-	-	-	-	-	19.7	O	
	Hengchun		ep	49.3	-	-	-	-	-	-	-	-	-	-	-	28.0	O	
3	Ilan	7	ep	11 05 18.4	-	-	-	-	-	-	-	-	-	-	-	-02 49.1	O 19.3N 145.3E	
	Hsinkong		ep	18.8	-	-	-	-	-	-	-	-	-	-	-	-03 24.7	O H=680km	
	Hwalien		ip	19.2	-	2.8	-	6.2	-	87	90	-	3.2	3.8	-	-02 47.2	O (d)	
	Taipei		ep	21.5	-	-	-	-	-	-	-	-	-	-	-	-02 48.1	O	
	Taitung		ep	22.4	-	-	-	-	-	-	-	-	-	-	-	-02 51.3	O	
	Tawu		ep	22.8	-	-	-	-	-	-	-	-	-	-	-	-02 53.2	O	
	Alishan		ep	25.7	-	-	-	-	-	-	-	-	-	-	-	-02 53.7	O	
	Hengchun		p	26.2	0.007	+	0.006	-	55	102	47	5.6	5.4	6.0	002 55.2	O		
	Yushan		p	28.6	-	-	-	-	-	-	-	-	-	-	-	-02 52.2	O	
	Tainan		ep	29.6	-	-	-	-	-	-	-	-	-	-	-	-02 56.9	O	
	Hsinchu		ep	41.0	-	-	-	-	-	-	-	-	-	-	-	-01 27.5	O	
	Taichung		ep	49.2	-	-	-	-	-	-	-	-	-	-	-	-02 10.8	O	
4	Hwalien	10	p	00 15 12.8	+	2.1	+	1.0	+ 10.6	175	154	75	1.0	1.0	1.0	07.5	I 47km SSE	
	Taichung		p	56 18.0	-	-	-	-	-	-	-	-	-	-	-	14.7	O of Hwalien	
	Hsinkong		ep	19.8	-	-	-	-	-	-	-	-	-	-	-	-	O H=30km	
	Yushan		p	23.6	-	-	-	-	-	-	-	-	-	-	-	10.0	O (l)	
	Alishan		ep	24.0	-	-	-	-	-	-	-	-	-	-	-	10.5	O	
	Ilan		ep	26.0	-	-	-	-	-	-	-	-	-	-	-	14.0	O	
	Taitung		ep	27.6	-	-	-	-	-	-	-	-	-	-	-	12.7	O	
	Taipei		ep	29.2	-	-	-	-	-	-	-	-	-	-	-	15.3	O	
	Hengchun		ep	40.9	-	-	-	-	-	-	-	-	-	-	-	-	O	
	Tainan		ep	42.1	-	-	-	-	-	-	-	-	-	-	-	-	O	
	Tawu		ep	49.0	-	-	-	-	-	-	-	-	-	-	-	-	O	
5	Tainan	10	p	08 44 11.2	+	27	+	31	+	20	2.0	4.5	3.5	0.5	0.5	0.6	20.5	II 23.2N 120.5E
	Alishan		ip	11.5	17.5	-	8.4	9.2	520	355	-	-	1.7	-	-	05.8	I 42km NE	

No.	Station	Date	Phase	P. (G. M. T.)	Initial Motion			Maximum Amplitude			Period			P-S Intensity	Epicenter & Remarks
					N	E	Z	N	E	Z	N	E	Z		
					h. m. s.	μ	μ	μ	μ	μ	μ	s	s		
	Yushan		p	11.7	-35.0	-35.0							06.5	I of Tainan	
	Penghu		p	16.5	-25		625	275		1.3	1.3		19.0	II H=5km	
	Taitung		ip	18.5	+29.1	-48.8	188	177		1.6	1.6		11.9	O (r)	
	Hsinkong		ip	18.9	+5.8	-42.1	178	234		1.5	2.1		10.8	I	
	Tawu		ip	20.4	+11	-5	5						13.3	O	
	Taichung		p	22.1		4	6	252	264	160	1.5	2.2	1.9	22.5	I
	Hengchun		p	24.8	-4.5	+3.1	+11.1	200	134	76	0.8	1.3		30.7	O
	Hwalien		ip	26.9	+2.6	-7.6	-3.9	405	332	335	1.2	1.7	1.5	18.2	I
	Hsinchu		ep	27.0									22.5	O	
	Ilan		p	38.4				212	222		2.0	2.0		25.2	I
	Taipei		p	38.7				142	145		1.6	1.4		19.3	O
6	Alishan	10	ip	12 25 37.8	6.8	2.4			247	132				06.0	II 38km NE
	Tainan		ep	38.5									14.2	O of Tainan	
	Yushan		ip	42.5	-125	-5.0							07.7	I H=55km	
	Taitung		ip	46.3	+11.6	-19.1		183	101.1		1.1	0.9		12.0	O (l)
	Hsinkong		ip	47.4									11.7	O	
	Tawu		ip	48.6	+4		5						13.0	O	
	Taichung		p	51.9									12.3	O	
	Hengchun		ep	55.8				64	102			1.6		22.8	O
	Hwalien		p	56.4	+	+		124	106		1.1	1.1		16.6	O
	Ilan		ep	26 08.1				75	62		1.9	1.9		24.5	O
	Penghu		p	11.7									13.0	O	
	Taipei		p	38.5									07.0	O	
	Hsinchu		ep	57.0									22.5	O	
7	Tawu	11		15 22 40.1									-02 47.2	O 9.0N 126.7E	
	Hengchun			41.9										O H=25km	
	Taitung			44.2									-02 38.6	O (d)	
	Tainan			45.3										O	
	Alishan			52.1										O	
	Yushan			52.7									-02 54.8	O	
	Taichung			52.9										O	
	Hwalien			54.7				30	35		3.2	8.0		-02 28.7	O

No.	Station	Date	Phase	P. (G. M. T.)	Initial Motion			Maximum Amplitude			Period			P~S Intensity	Epicenter & Remarks
					N	E	Z	N	E	Z	N	E	Z		
					h. m. s.	μ	μ	μ	μ	μ	μ	s	s		
	Taipei			23 00.4										-03 15.0	O
	Ilan			0.60										-02 56.0	O
8	Hwalien	12	ep	11 59 51.6										-02 51.7	O (d) faint
9	Ilan	16	ep	09 43 43.0											O 26.8N 127.2E
	Taipei		ep	43.0										-01 07.0	O H=176km
	Hwalien		ep	44 02.9										-01 52.1	O (d)
10	Penghu	18	p	16 19 58.3				155	250		1.6	1.6		-01 17.1	O 23.7N 114.5E
	Tainan		ep	20 09.3										-01 10.2	O H=43km
	Hengchun		ep	20 10.4										-02 03.0	O (d)
	Alishan		ep	16 19 18.6										-01 36.4	O
	Tawu		ep	23.0										-01 29.4	O
	Taitung		p	25.9										-01 01.4	O
	Taichung		ep	26.8										-01 11.7	O
	Yushan		ep	27.2										-01 22.5	O
	Hwalien		ep	32.6										-01 16.5	O
	Kaohsiung		ep	41.0										-01 10.3	O
	Taipei		ep	42.4										-01 29.5	O
	Ilan		ep	43.6										-01 06.4	O
	Hsinchu		ep	54.0										-01 12.5	O
11	Taipei	21	ep	02 57 53.5											O (d) faint
12	Hsinkong	21	p	17 15 21.8				169	253					02.2	II 15 km N
	Taitung		p	28.0										07.7	O of Hsinkong
	Alishan		ep	29.8										08.5	O
	Yushan		p	31.8										07.0	O
	Hwalien		p	35.5				58	61	36	2.2	1.8	2.1	13.5	O
	Tainan		ep	36.5										17.4	O
	Tawu		ep	39.2										14.7	O
	Hengchun		ep	47.2											O
	Taipei		ep	55.3											O
	Ilan		ep	55.6										12.6	O

地震季報

第九卷 第二號

中華民國五十一年四、五、六月

SEISMOLOGICAL BULLETIN

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臺灣省氣象所

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64 KUNG YUAN ROAD, TAIPEI, TAIWAN, CHINA

General Aspect of Earthquakes

April to June, 1962

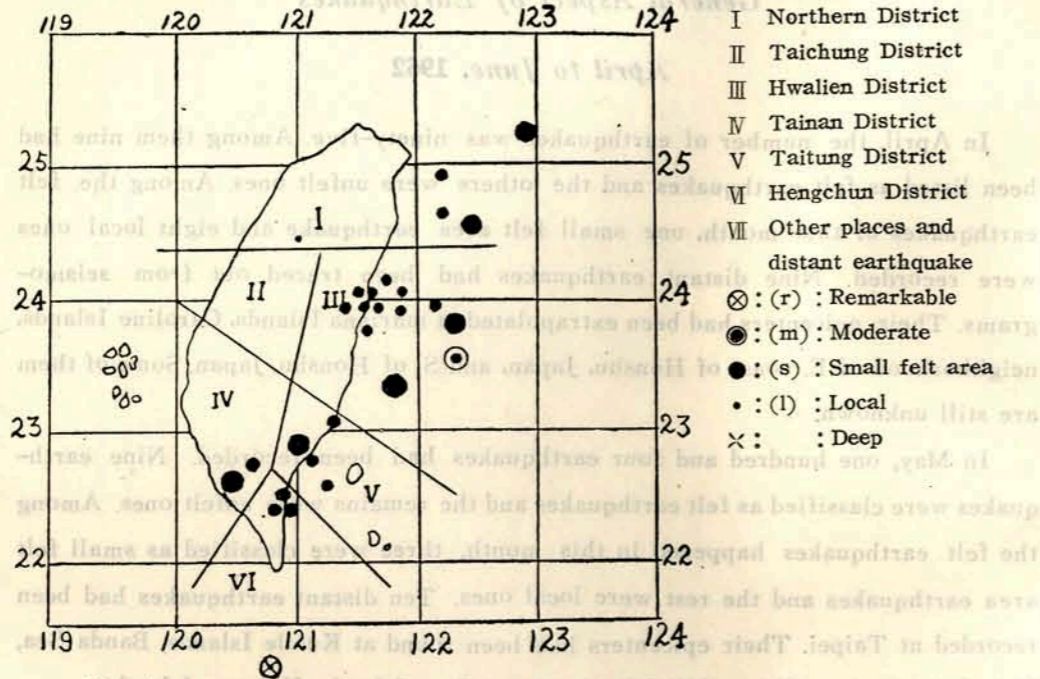
In April, the number of earthquakes was ninety-five. Among them nine had been listed as felt earthquakes and the others were unfelt ones. Among the felt earthquakes of this month, one small felt area earthquake and eight local ones were recorded. Nine distant earthquakes had been traced out from seismograms. Their epicenters had been extrapolated at Mariana Islands, Caroline Islands, neighborhood of E. coast of Honshu, Japan, and S. of Honshu, Japan. Some of them are still unknown.

In May, one hundred and four earthquakes had been recorded. Nine earthquakes were classified as felt earthquakes and the remains were unfelt ones. Among the felt earthquakes happened in this month, three were classified as small felt area earthquakes and the rest were local ones. Ten distant earthquakes had been recorded at Taipei. Their epicenters had been found at Kurile Islands, Banda Sea, Chinghai province China, Fiji Islands, Santa Cruz Islands, Volcano Islands...

In June, one hundred and nine earthquakes had been recorded in Taiwan. Among them nine were classified as felt earthquakes and the others were unfelt ones. One remarkable earthquake had happened on 23rd of this month. Its epicenter was located at about 310kms. To the SSE. of Hengchun. The focal depth of this shock was estimated at a depth of 120 kms. Another moderate earthquake also had happened on 25th June. Its epicenter was located at about 90 kms. to the ESE of Hwalien. Its focal depth was about 5 kms. Two small felt area felt earthquakes had been registered and the remains were local ones. Six distant earthquakes had been traced out from seismograms. Three of them their epicenters had been located at Ryukyu Islands, and in Yunnan province the southwestern part of China.

Location	No. of Earthquakes	Felt Earthquakes	Unfelt Earthquakes
Taiwan	109	9	100
Hengchun	1	1	0
Other places	98	8	90
Total	208	18	190

Epicenters of Felt Earthquakes in April to June 1962



Number of earthquakes classified according to it's magnitude and districts April to June 1962

Classification	Number of felt earthquakes					Number of unfelt earthquakes	Total
	Remarkable	Moderate	Small felt area	Local	Total		
Northern District	—	—	2	2	4	56	60
Taichung "	—	—	—	—	—	6	6
Hwalien "	—	1	2	10	13	130	143
Tainan "	—	—	1	1	2	2	4
Taitung "	—	—	1	3	4	38	42
Hengchun "	1	—	—	3	4	24	28
Other places "	—	—	—	—	—	25	25
Total	1	1	6	19	27	281	308

Felt earthquakes in the month of April to June 1962

No.	Month	P. (G. M. T.)			Mag-nitude	Epicenter	Latitude N.	Longitude E.	Depth Kms
		d	h	m					
16	Apr.	3	21	52	1				
17	"	5	11	56	"				
18	"								
19	"	5	15	57	"				
20	"	11	18	36	"				
21	"	12	16	21	s	24.6	122.4	20	
22	"								
23	"	17	12	45	1				25
24	"								
25	"	26	13	26	"				20
26	"								
27	"	26	16	37	"				30
28	"								
29	"	29	16	24	"				
30	"								
31	May	4	10	10	1				25
32	"	5	11	51	s	25.2	122.9	10	
33	"	10	10	43	1				10
34	"	22	06	17	s	22.8	121.1	5	
35	"	22	12	47	1				
36	"	22	13	09	s	22.5	120.5	5	
37	"	22	13	15	1				
38	"	22	13	20	1				
39	"	22	13	29	1				
40	June	5	16	38	s	23.8	121.8	50	
41	"	8	22	23	1				40
42	"	19	13	54	"				
43	"	22	19	21	"				10
44	"	23	09	58	r	19.4	121.8	120	
45	"	25	11	10	m	23.5	122.4	0	
46	"	25	11	28	1				
47	"	27	23	27	s	23.7	122.3	20	
48	"	28	23	10	1				

Unfelt Earthquakes in the Month of April to June 1962

No.	Month	P. (G. M. T.)			Epicenter	No.	Month	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
274	Apr.	1	12	17	Hwalien district	309	Apr.	17	11	25	Hwalien district
275	"	2	00	19	U.S.C.G.S. Mariana Islands	310	"	17	20	10	"
276	"	2	11	09	Taichung district	311	"	18	07	19	"
277	"	3	21	54	Near Hwalien	312	"	18	14	17	Near Hwalien
278	"	4	11	03	Near 66km. ENE. of Taipei	313	"	18	14	19	Northern district
279	"	4	14	04	Hwalien district	314	"	18	17	51	"
280	"	5	13	13	Northern district	315	"	18	18	01	"
281	"	5	16	18	Near Hwalien	316	"	18	19	34	Hwalien district
282	"	5	16	38	Near Taitung	317	"	18	22	41	"
283	"	6	03	37	"	318	"	19	14	57	Near Taitung
284	"	6	14	46	Near Hwalien	319	"	19	23	37	d
285	"	7	06	27	U.S.C.G.S. Caroline Islands region	320	"	20	06	07	d
286	"	7	20	15	Near 130km. ENE. of Ilan	321	"	20	07	35	Hwalien district
287	"	8	10	33	Near Hwalien	322	"	20	14	16	Northern district
288	"	10	03	32	"	323	"	20	14	18	Near Ilan
289	"	10	07	05	Near 28km. SSE. of Ilan	324	"	20	14	19	"
290	"	10	20	27	Hwalien district	325	"	20	14	20	"
291	"	11	03	59	Near Ilan	326	"	20	15	07	"
292	"	12	00	57	U.S.C.G.S. Near E. coast of Honshu Japan	327	"	20	19	56	Near Alishan
293	"	12	06	45	Hengchun district	328	"	21	16	32	Northern district
294	"	12	13	06	Taitung district	329	"	21	20	08	Near 65 km.E. of Taipei
295	"	12	19	20	Near 82km.E. of Taipei	330	"	22	09	17	Hwalien district
296	"	13	04	59	Near Alishan	331	"	22	20	44	Northern district
297	"	14	11	15	Hengchun district	332	"	23	04	25	Tainan district
298	"	14	12	20	Near 132km. ENE. of Taipei	333	"	23	05	39	Hengchun district
299	"	14	17	35	Northern district	334	"	23	06	03	d
300	"	14	19	21	Hwalien district	335	"	23	09	39	Northern district
301	"	15	00	02	Hengchun district	336	"	23	19	41	Hwalien district
302	"	16	13	24	U.S.C.G.S. S. of Honshu Japan	337	"	23	22	11	Near 360km.E. of Tawu.
303	"	16	13	27	Near Hsinkong	338	"	24	02	45	Taitung district
304	"	16	15	19	Near Hengchun	339	"	24	05	57	Near Hwalien
305	"	17	02	29	Near 65km.E. of Taipei	340	"	25	14	46	Near 133km.E. of Ilan
306	"	17	02	50	Hwalien district	341	"	25	15	52	d
307	"	17	03	21	"	342	"	26	06	55	Near 34km. N. of Hwalien
308	"	17	07	58	Taitung district	343	"	26	08	06	Hwalien district

No.	Month	P. (G. M. T.)			Epicenter	No.	Month	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
344	Apr.	26	09	42	Hwalien district	378	May	7	11	47	Hwalien district
345	"	26	10	13	Near Tawu	379	"	7	17	45	U.S.C.G.S. 45.3 N146.7E kurile Islands
346	"	26	10	34	Taitung district	380	"	8	03	20	Near 111km. ENE. of Ilan
347	"	27	06	18	Near Ilan	381	"	8	06	00	Hengchun district
348	"	27	06	18	Northern district	382	"	8	11	46	Hwalien district
349	"	27	06	27	Hwalien district	383	"	9	14	23	Hengchun district
350	"	28	10	06	Near 84km. NNE. of Taipei	384	"	9	20	50	Northern district
351	"	28	19	09	Near Hwalien	385	"	10	05	22	Hwalien district
352	"	28	19	42	Hwalien district	386	"	10	11	00	Hengchun district
353	"	29	06	21	Northern district	387	"	11	13	26	"
354	"	29	09	46	Taitung district	388	"	11	13	27	"
355	"	29	23	04	Hwalien district	389	"	11	14	42	d
356	"	29	23	31	"	390	"	11	15	28	Hengchun district
357	"	30	02	31	d	391	"	11	18	42	Hwalien district
358	"	30	09	56	Near Hwalien	392	"	12	01	11	Near 42km. ENE. of Hwalien
359	May	1	03	00	"	333	"	12	02	51	Hwalien district
360	"	1	03	49	Hwalien district	394	"	12	03	06	"
361	"	1	05	08	"	395	"	12	03	16	"
362	"	1	19	48	Near Tawu	396	"	12	03	48	Northern district
363	"	1	23	34	Hwalien district	397	"	12	09	41	Near 30km. SSW. of Hwalien
364	"	2	07	51	Near Hwalien	398	"	12	10	09	Hwalien district
365	"	3	00	51	Hwalien district	399	"	12	11	33	"
366	"	3	15	01	Near 20km. SE. of Taipei	400	"	13	03	09	"
367	"	4	03	58	Near 36km.SSW. of Ilan	401	"	13	15	40	"
368	"	4	04	27	Taichung district	402	"	15	04	56	20km. E. of Ilan
369	"	4	04	35	Near 95km. ESE. of Ilan	403	"	15	05	29	U.S.C.G.S. 7.3S 128.3E Banda Sea
370	"	4	10	03	Taichung district	404	"	15	19	18	Hwalien district
371	"	4	11	32	Hwalien district	405	"	16	07	59	"
372	"	5	07	14	Near 95km.E. of Ilan	406	"	16	17	26	Near 32km.E. of Ilan
373	"	5	08	47	Near 85km. E. of Taipei	407	"	17	15	11	Near 51km. ESE. of Hwalien
374	"	5	09	29	Hwalien district	408	"	19	16	09	d
375	"	5	11	16	Hengchun district	409	"	19	19	35	Hengchun district
376	"	5	18	02	Hwalien district	410	"	21	00	09	Hwalien district
377	"	5	18	19	Northern district	411	"	21	12	08	U.S.C.G.S. 37.3 N 96. OE Chinghai Province China

No.	Month	P. (G. M. T.)			Epicenter	No.	Month	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
412	May	21	21	26	U.S.C.G.S. 20.0 S 177.5W Fiji Islands	447	May	30	20	12	Northern district
413	"	22	05	36	Near 45km. SE. of Kao- hsiung	448	"	31	01	55	"
414	"	22	06	33	Near 12km. WNW. of Taitung	449	"	31	06	31	U.S.C.G.S. 22.1N 142.6E Volcano Islands region
415	"	22	06	35	"	450	"	31	09	06	Hwalien district
416	"	22	06	36	"	451	"	31	09	06	"
417	"	22	06	37	"	452	"	31	10	44	Taitung district
418	"	22	06	44	"	453	"	31	15	58	Taichung district
419	"	22	06	50	Near Taitung	454	"	30	18	33	Hwalien district
420	"	22	06	52	Taitung district	455	"	30	21	38	"
421	"	22	07	17	Near Taitung	456	June	1	17	46	Taitung district
422	"	22	07	20	"	457	"	1	18	53	Hwalien district
423	"	22	07	30	Taitung district	458	"	1	19	51	Near Hwalien
424	"	22	07	37	"	459	"	2	08	00	Hwalien district
425	"	22	08	13	"	460	"	2	08	03	Near Hwalien
426	"	22	08	16	U.S.C.G.S. 12.3S 166.6E Santa Cruz	461	"	2	17	16	d
427	"	22	08	20	Near Taitung	462	"	2	17	40	Taitung district
428	"	22	09	24	Taitung district	463	"	2	17	46	Hengchun district
429	"	22	11	13	"	464	"	2	22	34	Northern district
430	"	22	11	54	Near Taitung	465	"	3	04	56	Hwalien district
431	"	22	12	57	"	466	"	4	14	37	"
432	"	22	20	50	Taitung district	467	"	5	23	13	Hengchu district
433	"	22	20	51	Near Tawu	468	"	5	23	28	Near 40km. ESE. of Ilan
434	"	22	21	39	Hwalien district	469	"	6	22	51	Hwalien district
435	"	22	22	10	d	470	"	7	00	02	Near 60km. ESE. of Ilan.
436	"	24	05	28	Near 80km. ESE. of Ilan	471	"	7	01	30	Near Tawu
437	"	24	14	12	Near Hwalien	472	"	7	15	25	Hwalien district
438	"	24	14	39	Hwalien district	473	"	8	08	12	"
439	"	25	07	06	Near Hwalien	474	"	9	02	44	Near 47km. E. of Hsinkong
440	"	25	19	22	Northern district	475	"	9	03	15	Near Ilan
441	"	25	22	08	Hwalien district	476	"	9	04	59	Near 35km. WNW. of Hwalien
442	"	26	00	27	Near 85km. ENE. of Hsinkong	477	"	9	06	02	Near Taitung
443	"	26	08	20	Taitung district	478	"	9	21	23	Near Ilan
444	"	26	13	02	Hwalien district	479	"	10	17	50	Near Hwalien
445	"	28	01	50	d	480	"	10	18	47	Hwalien district
446	"	30	15	57	26km. ENE. of Ilan	481	"	10	18	52	Near 132km. E. of Hsinkong

No.	Month	P. (G. M. T.)			Epicenter	No.	Month	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
482	June	10	18	54	Hwalien district	519	June	25	01	17	Near Tawu
483	"	10	19	59	"	520	"	25	02	29	"
484	"	11	12	38	Near Hwalien	521	"	25	11	30	Northern district
485	"	11	14	00	Hwalien district	522	"	25	12	09	Hwalien district
486	"	11	16	00	28km. SSW. of Alishan	523	"	25	12	15	Northern district
487	"	12	23	11	Near Ilan	524	"	25	12	20	"
488	"	12	23	58	Near 37 km. N. of Hsinkong	525	"	25	12	48	Hwalien district
489	"	14	08	00	Near 32km. SE. of Ilan	526	"	25	12	52	"
490	"	14	22	14	U.S. C. G. S. 26.4N 126.5E Ryukyu Islands	527	"	25	13	06	"
491	"	15	09	39	Hwalien district	528	"	25	13	41	"
492	"	15	23	17	Near 106km. ESE. of Ilan	529	"	25	14	55	Near 85km.E. of Hwalien
493	"	16	05	22	U.S.C.G.S. 26.6N 126.4E Ryukyu Islands	530	"	25	15	02	Hwalien district
494	"	16	11	13	Hwalien district	531	"	25	15	32	Near 130km. ENE. of Ilan
495	"	16	12	25	"	532	"	25	18	25	Near 98km. ESE. of Ilan
496	"	16	19	05	"	533	"	25	19	26	Hwalien district
497	"	17	00	03	Near 118 km. ENE. of Hsinkong	534	"	25	19	46	"
498	"	17	03	36	Hwalien district	535	"	25	19	50	Hwalien district
499	"	17	04	35	"	536	"	25	19	52	"
500	"	17	19	49	Near Hwalien	537	"	26	19	51	"
501	"	18	02	11	Hwalien district	538	"	26	20	22	Near Hwalien
502	"	18	06	51	"	539	"	26	20	25	Near 98km.E. of Ilan
503	"	18	20	21	Near Hwalien	540	"	27	02	22	Near 115km. E. of Ilan
504	"	18	23	50	Hwalien district	541	"	27	06	34	Near Hwalien
505	"	19	01	35	"	542	"	27	22	01	Hwalien district
506	"	19	08	22	"	543	"	27	22	06	"
507	"	21	07	21	"	544	"	28	05	15	15 Taitung district
508	"	21	10	18	Near Taitung	545	"	28	09	27	"
509	"	21	15	32	Hengchun district	546	"	28	15	32	Hwalien district
510	"	22	11	53	d	547	"	28	18	55	Hengchun district
511	"	22	11	57	Taitung district	548	"	28	19	05	Near 110 km.E. of Hwalien
512	"	23	00	39	"	549	"	29	03	04	Hwalien district
513	"	23	00	55	Hwalien district	550	"	29	05	08	"
514	"	23	09	44	U.S.C.G.S. 25.7N128.5E	551	"	29	09	18	"
515	"	23	23	39	Hwalien district	552	"	29	17	37	Near Ilan
516	"	24	00	56	Taitung district	553	"	29	21	18	Hwalien district
517	"	24	01	24	U.S.C.G.S. 25.6N 101.1E Yunnan province China	554	"	30	19	31	U.S.C.G.S. 16.5N 122.0E Luzon Philippine Islands.
518	"	24	22	39	Hwalien district						

Major Earthquakes which occurred in April, 1962

No.	Station	Date	Phase	P. (G. M. T.)	Initial Motion			Maximum Amplitude			Period			P~S	Intensity	Epicenter & Remarks
					N	E	Z	N	E	Z	N	E	Z			
					μ	μ	μ	μ	μ	μ	s	s	s			
1	Taitung	2	ep	00 19 44.9	-	-	-	-	-	-	-	-	-	3	57.3	O U.S.C.G.S.
	Hwalien		ep	20 08.3	-	-	-	-	-	-	-	-	-	3	32.9	O N18.6 E145.5 Mariana Islands
2	Tawu	7	p	06 27 05.0	-	-	-	-	-	-	-	-	-	-	-	O U.S.C.G.S.
	Taitung		ep	27 05.9	-	-	-	-	-	-	-	-	-	-	-	O N10.0 E144.4
	Ilan		ep	27 17.0	-	-	-	-	-	-	-	-	-	-	-	O Caroline
	Hwalien		ep	27 32.9	-	-	-	-	-	-	-	-	-	4	39.0	O Islands region
3	Taipei	12	p	00 57 34.2	-	-	-	625	675	93	14.5	14.6	14.8	12.2	-	O U.S.C.G.S.
	Ilan		p	57 45.4	-	-	-	-	-	-	-	-	-	4	8.9	O N38.2E142.3
	Hwalien		ep	57 46.0	-	-	-	108	205	-	14.0	14.0	-	4	29.1	O Near E. coast
	Hsinchu		ep	57 46.0	-	-	-	-	-	-	-	-	-	-	-	O of Honshu
	Alishan		ep	57 47.5	-	-	-	-	-	-	-	-	-	-	-	O Japan.
	Hsinkong		ep	57 51.3	-	-	-	-	-	-	-	-	-	-	-	O
	Taitung		p	57 55.5	-	-	-	-	-	-	-	-	-	4	20.3	O
	Yushan		ep	57 56.0	-	-	-	-	-	-	-	-	-	4	19.0	O
	Tawu		ep	57 56.9	-	-	-	-	-	-	-	-	-	4	29.3	O
	Tainan		ep	58 02.6	-	-	-	-	-	-	-	-	-	4	18.0	O
	Hengchun		ip	58 02.7	-	-	-	59	52	23	4.6	4.4	4.4	21.7	-	O
	Taichung		ep	58 06.7	-	-	-	-	-	-	-	-	-	-	-	O
Taohsiung		p	58 17.3	-	-	-	-	-	-	-	-	-	-	-	O	
4	Ilan	12	ip	16 21 00.6	-	+ 27	- 32	376	258	137	1.4	1.8	1.9	10.0	I	
	Taipei		ip	21 06.0	- 18	+ 17.5	- 32.5	200	350	100	-	-	2.2	10.2	O	Near 70km.
	Hwalien		p	21 11.0	+ 30.1	- 16.2	- 2.6	363	270	82	3.2	4.0	2.0	15.2	I	ESE. of
	Hsinchu		ep	21 13.0	-	-	-	-	-	-	-	-	-	17.5	O	Ilan 24.6N
	Taichung		p	21 20.5	-	-	-	-	-	-	-	-	-	21.6	O	122.4E
	Hsinkong		ep	21 21.4	-	-	-	-	-	-	-	-	-	-	-	O (H÷20)
	Yushan		ep	21 28.5	-	-	-	-	-	-	-	-	-	-	-	O
	Taitung		ep	21 31.3	-	-	-	-	-	-	-	-	-	-	-	O

No.	Station	Date	Phase	P. (G. M. T.)	Initial Motion			Maximum Amplitude			Period			P~S	Intensity	Epicenter & Remarks		
					N	E	Z	N	E	Z	N	E	Z					
					μ	μ	μ	μ	μ	μ	s	s	s				m	s
	Alishan		ip	21 32.9	-	-	-	-	-	-	-	-	-	-	-	27.4	O	
	Hengchun		ep	21 34.5	-	-	-	-	-	-	-	-	-	-	-	-	O	
	Tawu		ep	21 38.0	-	-	-	-	-	-	-	-	-	-	-	34.3	O	
	Kaohsiung		ep	22 08.1	-	-	-	-	-	-	-	-	-	-	-	-	O	
	Taichung		ep	22 40.5	-	-	-	-	-	-	-	-	-	-	-	33.2	O	
5	Taichung	16	ep	13 23 56.8	-	-	-	-	-	-	-	-	-	-	-	-	O U.S.C.G.S.	
	Ilan		ep	24 08.7	-	-	-	-	-	-	-	-	-	-	-	-	O N30.6E140.6	
	Taipei		ep	24 13.2	-	-	-	-	-	-	-	-	-	3	20.2	O	S. of Honshu	
	Hwalien		ep	24 16.0	-	-	-	-	-	-	-	-	-	3	33.5	O	Japan	
	Hsinkong		ep	24 23.2	-	-	-	-	-	-	-	-	-	-	-	-	O	
	Taitung		ip	24 25.2	-	-	-	-	-	-	-	-	-	3	36.2	O		
	Tawu		ep	24 25.6	-	-	-	-	-	-	-	-	-	-	-	-	O	
	Tainan		ep	24 29.2	-	-	-	-	-	-	-	-	-	-	-	-	O	
	Alishan		ep	24 30.4	-	-	-	-	-	-	-	-	-	-	-	-	O	
	Hengchun		ep	24 38.0	-	-	-	-	-	-	-	-	-	-	-	-	O	
6	Taipei	19	ep	23 37 28.0	-	-	-	-	-	-	-	-	-	-	-	-	O	
	Tainan		ep	42 22.0	-	-	-	-	-	-	-	-	-	-	-	-	O d	
7	Hwalien	20	ep	06 07 14.4	-	-	-	-	-	-	-	-	-	-	-	3	15.8	O d
8	Taipei	23	p	06 03 37	-	-	-	-	-	-	-	-	-	-	-	4	27.0	O
	Ilan		p	03 37.6	-	-	-	-	-	-	-	-	-	-	-	-	-	O
	Hwalien		ep	03 38.2	-	-	-	-	-	-	-	-	-	5	14.1	O		
	Hsinchu		ep	03 42.5	-	-	-	-	-	-	-	-	-	-	-	-	O	
	Hsinkong		ep	03 45.0	-	-	-	-	-	-	-	-	-	-	-	-	O	
	Taichung		ep	03 51.9	-	-	-	-	-	-	-	-	-	-	-	-	O	
	Alishan		ep	03 53.2	-	-	-	-	-	-	-	-	-	-	-	-	O d	
	Yushan		ep	03 56.3	-	-	-	-	-	-	-	-	-	-	-	-	O	
	Tawu		ep	03 58.0	-	-	-	-	-	-	-	-	-	4	50.2	O		
	Hengchun		ep	04 01.2	-	-	-	-	-	-	-	-	-	4	58.8	O		
Tainan		ep	04 03.2	-	-	-	-	-	-	-	-	-	-	-	-	O		
Kaohsiung		ep	04 07.8	-	-	-	-	-	-	-	-	-	-	-	-	O		
Taitung		ip	04 17.7	-	-	-	-	-	-	-	-	-	5	57.3	O			

No.	Station	Date	Phase	P (G. M. T.)	Initial Motion			Maximum Amplitude			Period			P~S	Intensity	Epicenter & Remarks
					N	E	Z	N	E	Z	N	E	Z			
9	Hwalien	25	ep	h. m. s. 15 52 32.5	μ	μ	μ	μ	μ	μ	s	s	sm s	-4 15.4	O	
	Tainan		ep	52 38.7											O	
	Tawu		ep	52 39.3										-4 20.4	O	
	Alishan		ep	52 40.7											O	
	Taitung		ip	52 41.5										-4 7.9	O	
	Hengchun		ep	52 48.5											O	
	Taipei		ep	52 51.0										-3 37.4	O	
	Ilan		ep	53 12.0										-3 20.8	O	
10	Taipei	30	p	02 31 18.1										-3 56.3	O	
	Hwalien		ep	31 20.7										-3 54.1	O	
	Tainan		ep	31 26.0											O	
	Ilan		ep	31 31.7											O	
	Tawu		ep	31 36.8											O	
	Taitung		p	31 40.8										-3 54.4	O	

Major Earthquakes Which Occurred in May, 1962

No.	Station	Date	Phase	P (G. M. T.)	Initial Motion			Maximum Amplitude			Period			P~S	Intensity	Epicenter & Remarks
					N	E	Z	N	E	Z	N	E	Z			
1	Hwalien	5	ep	h. m. s. 11 51 38.2	μ	μ	μ	μ	μ	μ	s	s	sm s	25.0	I	Near 146km.
	Alishan		ep	51 39.9											O	ENE. of
	Ilan		ep	51 42.8										16.0	O	Taipei
	Taipei		ep	51 49.0										18.8	O	N25.2
	Taichung		ep	51 51.2											O	F122.9
	Tawu		ep	52 12.8											O	(H=10)
	Hengchun		ep	52 25.9											O	
	Hsinchu		ep	53 41.0											O	
	Taitung		ep	52 5.9											O	
	2	Taitung	7	ep	17 45 56.3										-5 15.4	O
Taipei			ep	45 57.2										5 1.8	O	45.3N146.7E.
Ilan			ep	46 07.0											O	Kurile Island.
Tawu			ep	46 10.7											O	
Hengchun			ep	46 15.5											O	

No.	Station	Date	Phase	P (G. M. T.)	Initial Motion			Maximum Amplitude			Period			P~S	Intensity	Epicenter & Remarks
					N	E	Z	N	E	Z	N	E	Z			
	Hwalien		ep	46 16.7	μ	μ	μ	μ	μ	μ	s	s	sm s	-4 44.7	O	
	Tainan		ep	46 37.9											O	
	Hsinchu		ep	47 30.0											O	
3	Taipei	11	ep	14 42 26.5											O	d
4	Hsinkong	15	p	05 29 32.8										-1 34.0	O	U.S.C.G.S.
	Hengchun		ep	29 56.0										-4 55.0	O	7.3S 128.3E.
	Taitung		ep	30 01.7										-2 19.9	O	Banda Sea
	Tawu		ep	30 02.5										-4 51.3	O	
	Hwalien		ep	30 12.2										-1 17.5	O	
	Alishan		ep	30 13.8										-5 12.6	O	
	Taichung		ep	30 18.3											O	
	Ilan		ep	30 23.0										-3 01.8	O	
	Taipei		ep	30 23.7										-5 01.0	O	
	Hsinchu		ep	30 27.0										-6 50.0	O	
Tainan		ep	30 53.9											O		
5	Taipei	19	ep	16 09 12.5											O	d
6	Hsinchu	21	p	h. m. s. 12 08 06.5										-7 12.5	O	U.S.C.G.S.
	Taichung		ep	08 15.8											O	37.3N 96.0E
	Taipei		p	08 18.7										-4 39.0	O	Chinghai
	Taitung		ep	08 24.7										-5 31.3	O	Province
	Tainan		ep	08 24.8										-4 50.0	O	China
	Ilan		p	08 26.0										-4 31.5	O	
	Hwalien		p	08 29.4										-8 25.4	O	
	Tawu		ep	08 31.3										-4 49.9	O	
	Hengchun		ep	08 35.3										-8 58.0	O	
	Alishan		ep	08 36.7										-8 10.6	O	
Yushan		ep	08 47.0											O		
7	Taitung	21	ep	21 26 00.9										-1 40.5	O	
	Tawu		ep	26 27.5										-2 31.8	O	U.S.C.G.S.
	Hengchun		ep	26 30.1										-4 21.2	O	20.0S 177.5W
	Hwalien		p	26 30.3										-9 05.9	O	Fiji Islands

No.	Station	Date	Phase	P. (G. M. T.)	Initial Motion			Maximum Amplitude			Period			P-S	Intensity	Epicenter & Remarks	
					N	E	Z	N	E	Z	N	E	Z				
	Hsinkong		ep	h. m. s. 26 31.5	u	u	u	u	u	u	s	s	s	m	s	O	
	Taipei		ep	26 35.8	-	-	-	-	-	-	-	-	-	-	9	06.0	O
	Taichung		ep	26 36.9	-	-	-	-	-	-	-	-	-	-	-	-	O
	Tainan		ep	26 40.3	-	-	-	-	-	-	-	-	-	-	-	-	O
	Ilan		p	26 48.3	-	-	-	-	-	-	-	-	-	-	7	16.0	O
	Yushan		ep	26 59.5	-	-	-	-	-	-	-	-	-	-	-	-	O
8	Taitung	22	ip	06 17 12.5	- 40.7	- 7.7	+ 88.5	1500	1200	500	1.1	1.1	1.0	1.7	III	Near 12km.	
	Hsinkong		ip	17 17.7	+ 94.7	- 55.0	+ 16.3	-	-	-	-	-	-	6.3	III	WNW. of	
	Tawu		ep	17 19.2	-	-	-	127	119	107	1.9	2.6	3.5	7.0	O	Taitung	
	Alishan		ep	17 25.3	-	-	-	145	102	-	-	-	-	10.6	I	22.8N 121.1E	
	Hengchun		ep	17 27.5	-	-	-	163	167	64	-	-	-	17.6	O	(H=5)	
	Tainan		p	17 29.8	-	-	-	-	-	-	-	-	-	15.5	O		
	Hwalien		ep	17 30.8	-	-	-	325	265	172	3.0	3.8	2.3	19.0	I		
	Taichung		p	17 35.8	-	-	-	-	-	-	-	-	-	-	-	-	O
	Ilan		ep	17 45.2	-	-	-	100	79	-	3.3	3.3	-	26.5	O		
	Hsinchu		ep	17 48.0	-	-	-	-	-	-	-	-	-	30.0	O		
	Yushan		ep	17 49.5	-	-	-	-	-	-	-	-	-	9.2	O		
	Taipei		ep	17 51.9	-	-	-	-	-	-	-	-	-	29.7	O		
9	Tawu	22	p	08 16 07.5	-	-	-	-	-	-	-	-	-	-	-	O	U.S.C.G.S.
	Taitung		ep	16 10.5	-	-	-	-	-	-	-	-	-	-	-	O	13.3 S 166.6E
	Taipei		p	16 11.7	-	-	-	-	-	-	-	-	-	-	7	45.6	O Santa Cruz
	Hwalien		p	16 13.3	-	-	-	-	-	-	-	-	-	-	7	47.8	O Is.
	Hengchun		ep	16 13.4	-	-	-	-	-	-	-	-	-	-	-	-	O
	Ilan		p	16 14.8	-	-	-	-	-	-	-	-	-	-	-	-	O
	Taichung		ep	16 19.3	-	-	-	-	-	-	-	-	-	-	-	-	O
	Tainan		ep	16 19.4	-	-	-	-	-	-	-	-	-	-	-	-	O
10	Taiwu	22	p	13 09 33.1	- 127	+ 123	- 357	1600	900	550	-	-	-	1.6	III	Near 25km.	
	Taitung		ip	09 40.6	+ 8.7	+ 4.4	241	330	199	1.5	1.3	0.9	8.6	II	ESE. of		
	Hengchun		ip	09 41.5	- 31.6	- 35.7	+ 87.2	176	166	141	1.2	1.1	-	8.9	I	Kaohsiung	
	Tanan		ep	09 51.4	-	-	-	-	-	-	-	-	-	7.2	O	22.5N 120.5E	
	Alishan		ep	09 53.8	-	-	-	105	106	-	-	-	-	19.5	I	(H=5)	
	Hwalien		ep	10 05.2	-	-	-	61	48	-	2.0	2.8	-	23.8	O		

No.	Station	Date	Phase	P. (G. M. T.)	Initial Motion			Maximum Amplitude			Period			P~S	Intensity	Epicenter & Remarks		
					N	E	Z	N	E	Z	N	E	Z					
	Taichung		p	h. m. s. 10 06.1	u	u	u	u	u	u	s	s	s	m	s	21.7	O	
	Ilan		ep	10 16.8	-	-	-	-	-	-	-	-	-	-	-	-	33.4	O
	Yushan		ep	10 18.6	-	-	-	-	-	-	-	-	-	-	-	-	11.9	O
	Taipei		ep	10 24.0	-	-	-	-	-	-	-	-	-	-	-	-	38.2	O
11	Taipei	31	ep	06 31 20.8	-	-	-	-	-	-	-	-	-	-	-	-	O	U.S.C.G.S.
	Hwalien		ep	32 42.3	-	-	-	-	-	-	-	-	-	-	-	5	20.5	O 22.1 N 142.6E
	Tawu		ep	32 42.9	-	-	-	-	-	-	-	-	-	-	-	1	3.9	O Volcano
	Taitug		ip	32 44.8	+ 6.1	+ 6.4	-	-	-	-	-	-	-	-	-	1	24.6	O Islands
	Alishan		ep	32 44.9	-	-	-	-	-	-	-	-	-	-	-	1	42.9	O region
	Taichung		ep	32 48.6	-	-	-	-	-	-	-	-	-	-	-	-	-	O
	Hengchun		ep	32 48.8	-	-	-	-	-	-	-	-	-	-	-	-	-	O
	Ilan		p	32 52.3	-	-	-	-	-	-	-	-	-	-	-	1	5.2	O
	Tainan		ep	33 00.1	-	-	-	-	-	-	-	-	-	-	-	-	-	O

Major Earthquakes Which Occurred in June, 1962

No.	Station	Date	Phase	P. (G. M. T.)	Initial Motion			Maximum Amplitude			Period			P~S	Intensity	Epicenter & Remarks	
					N	E	Z	N	E	Z	N	E	Z				
1	Taipei	2	ep	h. m. s. 17 16 31.3	μ	μ	μ	μ	μ	μ	s	s	s	m	s	O	
	Ilan		ep	17 45.0	-	-	-	-	-	-	-	-	-	-	-	-	O
	Hwalien		p	17 50.5	-	-	-	-	-	-	-	-	-	-	2	22.8	O
	Taitung		ep	18 13.4	-	-	-	-	-	-	-	-	-	-	2	37.5	O
2	Yushan	5	ep	16 38 22.1	-	-	-	-	-	-	-	-	-	-	-	10.6	O
	Hwalien		ip	38 22.4	+ 5.5	- 2.5	+ 31.6	350	355	205	1.2	1.2	1.5	8.4	I	Near 58km.	
	Hsinkong		ep	38 23.4	-	-	-	286	-	48	0.6	-	1.0	8.0	II	ENE. of	
	Alishan		ep	38 24.6	-	-	-	122	90	-	-	-	-	11.5	I	Hsinkong	
	Ilan		ep	38 34.0	-	-	-	-	-	-	-	-	-	12.1	O	23.8 N 121.8E	
	Tawu		p	38 38.5	-	-	-	-	-	-	-	-	-	11.0	O	(H=50)	
	Hengchun		ep	38 44.8	-	-	-	-	-	-	-	-	-	20.0	O		
	Taipei		ep	38 46.4	-	-	-	-	-	-	-	-	-	12.6	O		
3	Hsinkong	14	p	22 14 04.6	-	-	-	-	-	-	-	-	-	-	1	32.3	O U.S.C.G.S.
	Yushan		p	14 50.0	-	-	-	-	-	-	-	-	-	-	-	-	O 26.4 N 126.5E
	Alishan		ep	14 50.9	-	-	-	-	-	-	-	-	-	-	-	54.9	O Ryukyu

No.	Station	Date	Phase	P. (G. M. T.)	Initial Motion			Maximum Amplitude			Period			P-S	Intensity	Epicenter & Remarks
					N	E	Z	N	E	Z	N	E	Z			
	Taipei	26	ep	h. m. s. 15 23.7	μ	μ	μ	μ	μ	μ	s	s	s	m	s	— O
	Ilan		p	15 23.8	—	—	—	—	—	—	—	—	—	—	—	59.9 O Islands
	Hwalien		p	15 24.6	—	—	—	131	99	—	3.6	3.5	—	—	—	— O
	Tawu		ep	15 34.2	—	—	—	118	100	46	3.8	3.8	2.42	31.4	—	— O
	Taitung		ep	15 38.2	—	—	—	—	—	—	—	—	—	—	—	— 1 35.4 O
	Taichung		p	15 43.4	—	—	—	—	—	—	—	—	—	—	—	— O
	Hengchun		ep	15 55.4	—	—	—	—	—	—	—	—	—	—	—	— O
	Tainan		ep	15 56.9	—	—	—	—	—	—	—	—	—	—	—	— 1 14.9 O
	Hsinchu		ep	15 36.0	—	—	—	—	—	—	—	—	—	—	—	— 55.0 O
4	Ilan	16	ep	05 22 16.0	—	—	—	—	—	—	—	—	—	—	—	— O U.S.C.G.S.
	Taipei		ep	22 17.5	—	—	—	—	—	—	—	—	—	—	—	— 1 2.2 O 26.6N 126.4E
	Hwalien		ep	22 21.3	—	—	—	—	—	—	—	—	—	—	—	— 1 17.7 O Ryukryu
	Hsinkong		p	22 17.2	—	—	—	—	—	—	—	—	—	—	—	— O Islands
	Taitung		ep	22 36.2	—	—	—	—	—	—	—	—	—	—	—	— 58.2 O
	Taichung		ep	22 37.9	—	—	—	—	—	—	—	—	—	—	—	— O
	Tawu		ep	22 39.5	—	—	—	—	—	—	—	—	—	—	—	— O
	Hengchun		ep	22 45.7	—	—	—	—	—	—	—	—	—	—	—	— O
5	Hwalien	22	ep	11 53 26.1	—	—	—	—	—	—	—	—	—	—	—	— 3 38.5 O d
6	Alishan	23	ep	09 44 53.6	—	—	—	—	—	—	—	—	—	—	—	— O U.S.C.G.S.
	Kaohsiung		ep	45 29.6	—	—	—	—	—	—	—	—	—	—	—	— O 25.7 N 128.5E
	Hsinkong		p	46 02.1	—	—	—	—	—	—	—	—	—	—	—	— 1 33.0 O Ryukyu
	Taitung		ep	46 18.3	—	—	—	—	—	—	—	—	—	—	—	— 1 16.8 O Islands
	Ilan		p	46 07.2	—	—	—	104	83	—	3.9	3.5	—	—	—	— 14.0 O
	Hwalien		ep	46 07.9	—	—	—	140	160	32	4.3	5.8	3.71	3.1	—	— O
	Taipei		p	46 13.0	—	—	—	—	—	—	—	—	—	—	—	— 1 11.2 O
	Yushan		p	46 19.8	—	—	—	—	—	—	—	—	—	—	—	— 1 15.3 O
	Taichung		p	46 24.2	—	—	—	—	—	—	—	—	—	—	—	— O
	Tawu		ep	46 22.4	—	—	—	—	—	—	—	—	—	—	—	— 2 33.7 O
	Hengchun		ep	46 29.3	—	—	—	—	—	—	—	—	—	—	—	— 1 1.9 O
	Tainan		ep	46 33.1	—	—	—	—	—	—	—	—	—	—	—	— O
	Hsinchu		ep	46 35.5	—	—	—	—	—	—	—	—	—	—	—	— 1 32.5 O

No.	Station	Date	Phase	P. (G. M. T.)	Initial Motion			Maximum Amplitude			Period			P-S	Intensity	Epicenter & Remarks
					N	E	Z	N	E	Z	N	E	Z			
7	Alishan	23	ep	h. m. s. 09 58 07.5	μ	μ	μ	μ	μ	μ	s	s	s	m	s	49.3 O
	Kaohsiung		p	58 20.6	—	—	—	—	—	—	—	—	—	—	—	20.7 O Near 310km.
	Hsinkong		ep	59 10.9	—	—	—	—	—	—	—	—	—	—	—	— O SSE. of
	Hengchun		ip	59 14.0	—	18 +	4.6 -	27.0	165	209	70	—	2.0	—	—	32.3 I Hengchun
	Tawu		ed	59 18.2	—	—	—	—	—	—	—	—	—	—	—	13.3 O 19.4 N 121.8E
	Taitung		ep	59 25.9	—	—	—	—	125	181	—	2.4	2.3	—	—	37.5 O (H=120)
	Penghu		p	59 35.5	—	—	—	—	—	—	—	—	—	—	—	50.9 O
	Yushan		p	59 37.6	—	—	—	—	—	—	—	—	—	—	—	45.8 O
	Hwalien		ep	59 42.1	—	—	—	—	126	140	67	3.0	2.0	2.6	—	55.0 I
	Taichung		p	59 45.7	—	—	—	—	—	—	—	—	—	—	—	— O
	Ilan		p	59 57.8	—	—	—	—	64	98	—	2.0	2.4	—	—	18.4 O
	Taipei		p	10 00 07.0	—	—	—	—	—	—	—	—	—	—	—	39.5 O
8	Alishan	24	ep	01 24 50.4	—	—	—	—	—	—	—	—	—	—	—	— O U.S.C.G.S.
	Tawu		ep	25 30.2	—	—	—	—	—	—	—	—	—	—	—	— O 25.6N 101.1E
	Taitung		ep	25 37.0	—	—	—	—	—	—	—	—	—	—	—	— O Yunnan
	Hwalien		ep	25 37.2	—	—	—	—	—	—	—	—	—	—	—	— O province
	Ilan		ep	25 39.7	—	—	—	—	—	—	—	—	—	—	—	— O China
	Taipei		ep	25 59.7	—	—	—	—	—	—	—	—	—	—	—	— O
	Taichung		ep	28 22.7	—	—	—	—	—	—	—	—	—	—	—	— O
	Hengchun		ep	29 15.0	—	—	—	—	—	—	—	—	—	—	—	— O
	Tainan		ep	30 30.3	—	—	—	—	—	—	—	—	—	—	—	— O
	Hsinchu		ep	30 00.0	—	—	—	—	—	—	—	—	—	—	—	— O
9	Ilan	25	ip	11 10 40.0	—	30 +	43 -	8.3	1530	1611	—	2.4	2.4	—	—	15.0 III Near 90km.
	Hwalien		ip	10 42.0	+ 11.0 +	5.0 -	—	4300	4600	2550	3.8	3.2	2.5	—	—	11.6 II ESE. of
	Hsinkong		ip	10 46.6	+ 8.1 +	21.1 -	32.9	584	606	445	2.8	1.7	4.5	—	—	15.3 III Hwalien
	Taipei		p	10 52.5	+ 56.2 -	25 +	62.5	3000	2000	2250	3.7	3.3	2.4	—	—	12.5 II 23.5N
	Hsinchu		ep	10 54.0	—	—	—	—	—	—	—	—	—	—	—	25.0 II 122.4E
	Taitung		ip	10 54.8	+ 20.5 -	22.8 -	43.7	—	609	—	—	2.5	—	—	—	24.2 II (H=0)
	Yushan		p	10 56.0	—	—	—	—	—	—	—	—	—	—	—	23.2 II
	Taichung		ip	10 56.3	+ 9 +	43 +	65	1325	1850	1795	2.6	3.0	3.0	—	—	23.9 II
	Tawu		ip	11 01.6	+ 12 +	12 -	14	428	296	—	5.1	2.3	—	—	—	18.9 O
	Alishan		ep	11 04.2	—	22 +	8	574	482	632	2.0	1.9	2.6	—	—	19.3 II

地 震 季 報

第 九 卷 第 三 號

中 華 民 國 五 十 一 年 七、八、九 月

SEISMOLOGICAL BULLETIN

July to September 1962

VOL. IX No. 3



臺 灣 省 氣 象 所

PUBLISHED QUARTERLY BY

TAIWAN WEATHER BUREAU

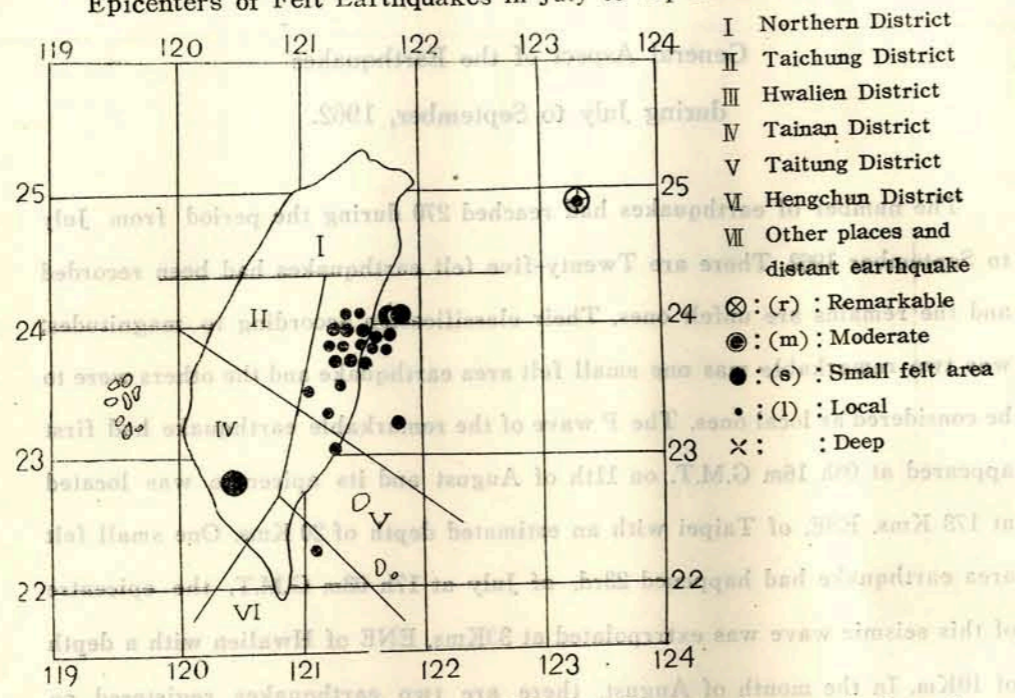
64 KUNG YUAN ROAD, TAIPEI, TAIWAN, CHINA

General Aspect of the Earthquakes during July to September, 1962.

The number of earthquakes had reached 270 during the period from July to September 1962. There are Twenty-five felt earthquakes had been recorded and the remains are unfelt ones. Their classification according to magnitudes; was two remarkable was one small felt area earthquake and the others were to be considered as local ones. The P wave of the remarkable earthquake had first appeared at 08h 16m G.M.T. on 11th of August and its epicentre was located at 173 Kms. ESE. of Taipei with an estimated depth of 20 Kms. One small felt area earthquake had happened 23rd. of July at 17h 03m G.M.T. the epicentre of this seismic wave was extrrpolated at 30Kms. ENE of Hwalien with a depth of 10Km. In the month of August, there are two earthquakes registered on the date of 21st and 23rd of the month. Their epicentres had been found at 16Kms. NE. of Hwalien and 30Kms. NNE of Kaohsiung respectively. Twenty-one local earthquakes had been traced out from the seismograms the locations of these earthquakes are believed in Hwalien district. The amount of distant earthquakes was twenty. Their initial motion, maximum amplitudes and periods of there seismic waves are listed in the later part of the bulletin.

Location	Number of Earthquakes	Remarks
Taipei	1	Remarkable earthquake
Hwalien	25	Local earthquakes
Tainan	0	
Tollung	1	
Keelung	0	
Other places	20	Distant earthquakes
Total	270	

Epicenters of Felt Earthquakes in July to September 1962.



Number of earthquakes classified according to its magnitude and districts July to September 1962.

Classification	Number of felt earthquakes					Number of unfelt earthquakes	Total
	Magnitudes	Remarkable	Moderate	Small felt area	Local		
Districts							
Northern District	1	—	—	—	1	43	44
Taichung "	—	—	—	—	—	11	11
Hwalien "	—	—	2	19	21	118	139
Tainan "	—	—	1	—	1	5	6
Taitung "	—	—	—	1	1	23	24
Hengchun "	—	—	—	1	1	25	26
Other places "	—	—	—	—	—	20	20
Total	1	—	3	21	25	245	270

Felt earthquakes in the month of July to September 1962.

No.	Month	P. M. T.			Mag-nitude	Epicenter	Latitude N.	Longitude E.	Depth Kms.
		G	d.	h. m.					
49	July	2	16	33	I	—	—	—	
50	"	23	17	03	s	24.1	121.9	10	
51	Aug.	8	22	01	l	—	—	—	
52	"	11	08	16	r	24.9	123.2	20	
53	"	14	00	47	l	—	—	5	
54	"	14	05	54	"	—	—	—	
55	"	14	07	55	"	—	—	10	
56	"	14	08	47	"	—	—	10	
57	"	19	15	04	"	—	—	—	
58	"	20	05	01	"	—	—	10	
59	"	21	04	28	s	24.1	121.7	5	
60	"	23	15	29	"	22.9	120.4	20	
61	"	25	01	33	l	—	—	5	
62	"	28	21	16	"	—	—	—	
63	"	29	13	35	"	—	—	—	
64	"	29	17	16	"	—	—	—	
65	"	31	13	21	"	—	—	—	
66	Sept.	2	15	34	"	—	—	—	
67	"	11	15	03	"	—	—	10	
68	"	11	21	55	"	—	—	20	
69	"	15	12	30	"	—	—	—	
70	"	17	16	31	"	—	—	15	
71	"	19	10	33	"	—	—	—	
72	"	21	06	36	"	—	—	10	
73	"	23	11	56	"	—	—	—	

Unfelt Earthquakes in the Month of July to September 1962.

No.	Month	P. (G. M. T.)			Epicenter	No.	Month	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
555	July	01	03	46	Northern district.	588	July	12	12	50	Northern district.
556	"	01	09	28	Hwalien district.	589	"	13	03	34	10.°2N. 121.°7E (d)
557	"	02	08	42	"	590	"	13	18	14	Near Ilan.
558	"	02	18	11	Near Hwalien.	591	"	13	19	02	Near Ilan.
559	"	03	09	54	46Km ENE. of Ilan.	592	"	13	20	34	20Km N of Ilan.
560	"	03	12	31	Near Hwalien.	593	"	13	23	55	"
561	"	03	19	37	Hwalien district.	594	"	14	01	21	88Km ENE of Ilan.
562	"	03	23	56	"	595	"	14	02	59	Northern district.
563	"	04	00	54	36Km ENE. of Ilan.	596	"	14	06	05	26Km NE. of Ilan.
564	"	04	18	01	24Km SSE. of Hwalien.	597	"	14	07	44	Near Hwalien.
565	"	05	09	27	Northern district.	598	"	14	10	44	Hwalien district.
566	"	05	14	35	Near Hwalien.	599	"	14	22	30	Northern district.
567	"	05	14	38	"	600	"	15	03	49	"
568	"	06	01	25	8Km WNW. of Hsinkong.	601	"	15	06	52	Taitung district.
569	"	06	16	58	Hwalien district.	602	"	16	10	15	Hwalien district.
570	"	06	20	46	"	603	"	16	12	15	78Km NE. of Taipei.
571	"	06	23	13	36.6N 70.4E (d)	604	"	16	14	24	Near Ilan.
572	"	07	06	21	Taitung district.	605	"	16	21	42	Hwalien district.
573	"	07	22	27	72Km E. of Hwalien.	606	"	17	04	55	"
574	"	08	03	34	124Km NNE. of Ilan.	607	"	17	05	37	Near Taitung.
575	"	08	14	00	Hwalien district.	608	"	17	17	14	Northern district.
576	"	08	22	01	Taichung district.	609	"	17	17	26	"
577	"	08	23	59	Hwalien district	610	"	18	11	15	"
578	"	09	12	40	Hengchun district.	611	"	18	12	43	Near Taitung.
579	"	09	20	34	Hwalien district.	612	"	18	13	17	Hwalien district.
580	"	09	21	23	"	613	"	19	02	44	northern district.
581	"	10	01	44	"	614	"	19	02	50	"
582	"	10	15	32	"	615	"	19	09	33	Hwalien district.
583	"	11	03	01	"	616	"	21	23	05	Northern district.
584	"	11	07	56	"	617	"	23	15	55	Taitung district.
585	"	11	07	59	Near Hwalien.	618	"	24	06	41	Near Hwalien.
586	"	11	12	43	11.°9N. 122.°1E (d)	619	"	24	06	43	87Km E. of Taipei.
587	"	12	09	38	Hengchun district.	620	"	24	06	46	Northern district.

No.	Month	P. (G. M. T.)			Epicenter	No.	Month	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
621	July	24	07	51	Hwalien district	654	July	30	14	55	Near Hsinkong
622	"	24	08	12	"	655	"	30	15	01	Taichung district
623	"	24	08	47	Northern district	656	"	30	17	23	3°3S. 14°9E (d)
624	"	24	08	54	87Km E. of Taipei	657	"	30	20	38	(d)
625	"	24	16	26	Hwalien district	658	"	31	05	13	325Km SE. of Hengchun
626	"	24	19	25	Taitung district	659	Aug.	3	09	16	(d)
627	"	24	20	35	"	660	"	3	14	04	Hwalien district
628	"	25	02	43	Hwalien district	661	"	4	06	57	Near Hwalien
629	"	25	07	09	"	662	"	5	23	18	Hwalien district
630	"	25	07	21	"	663	"	7	13	21	Near Hwalien
631	"	25	07	22	70Km E. of Taipei	664	"	8	21	08	Hwalien district
632	"	25	08	35	Northern district	665	"	8	21	48	"
633	"	25	07	41	Hwalien district	666	"	8	22	15	Near Taipei
634	"	25	08	35	"	667	"	8	22	34	Northern district
635	"	25	18	40	"	668	"	8	22	43	Hwalien district
636	"	25	23	30	Tainan district	669	"	8	23	26	45Km E. of Taipei
637	"	26	08	34	7.°5N. 82.°7. w. (d)	670	"	9	03	01	Near Hwalien
638	"	26	08	38	Hengchun district	671	"	9	07	35	"
639	"	26	09	38	12Km. NNW. of Taitung	672	"	10	16	49	Northern district
640	"	26	11	24	Near Hsinkong	673	"	10	19	14	"
641	"	27	02	49	72Km. E. of Taipei	674	"	10	20	22	Hwalien district
642	"	27	18	15	Hwalien district	675	"	11	15	42	Near Hwalien
643	"	27	20	48	Near Hwalien.	676	"	12	03	03	Hwalien district
644	"	28	14	46	"	677	"	12	03	59	Near Hwalien
645	"	29	03	38	Hwalien district	678	"	13	11	30	74Km NE. of Hwalien
646	"	29	08	59	23.°6N. 114.°3 E. (d)	679	"	13	21	37	Hengchun district
647	"	30	01	46	Near Hwalien	680	"	13	23	18	Taitung district
648	"	30	04	58	Hwalien district	681	"	14	00	15	Tiathung district
649	"	30	08	38	Hengchun district	682	"	14	07	23	"
650	"	30	12	56	Taichung district	683	"	14	12	56	Near Hwalien
651	"	30	13	18	Near Hwalien	684	"	14	14	16	Northern district
652	"	30	13	20	"	685	"	16	07	44	Hwalien district
653	"	30	14	24	Taichung district	686	"	16	05	07	10.°6N 121.°6E. (d)

No.	Month	P. (G. M. T.)			Epicenter	No.	Month	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
687	Aug	18	17	11	Near Hwalien	721	Aug	27	06	38	Hwalien district
689	"	18	18	48	Hengchun district	722	"	27	07	58	"
690	"	18	22	37	63Km. WNW. of Hengchun	723	"	27	15	19	27.°1N. 127.°4E. (d)
691	"	18	23	59	Near Hwalien	724	"	28	11	12	Hengchun district
692	"	19	11	19	Hwalien district	725	"	28	13	56	Near Hwalien
693	"	19	18	33	44.°6N. 81.°7E. (d)	726	"	28	20	41	Hwalien district
694	"	20	08	04	Hwalien district	727	"	29	04	02	Northern district
695	"	20	08	14	Northern district	728	"	29	04	44	Near Hwalien
696	"	20	11	58	Hengchun district	729	"	29	22	38	(d)
697	"	20	22	48	Near Alishan	730	"	30	23	34	47Km. W. of Hsinkong
698	"	21	05	50	Hengchun district	731	Sept	1	19	29	35.°3N. 49.°7E (d)
699	"	21	08	53	"	732	"	2	02	02	Northern district
700	"	21	09	56	Hwalien district	733	"	2	05	34	27.°5N. 127.°0E (d)
701	"	21	23	49	Taitung district	734	"	6	02	56	Near Hwalien
702	"	22	06	33	Northern district	735	"	6	08	38	"
703	"	22	09	00	Hwalien district	736	"	6	10	31	Near Alishan
704	"	23	02	07	"	737	"	6	10	45	Near Hwalien
705	"	23	05	21	"	738	"	8	06	59	Near Alishan
706	"	23	09	51	"	739	"	8	23	31	"
707	"	23	16	29	Hengchun district	740	"	9	21	12	Hwalien district
708	"	24	04	51	Hwalien district	741	"	9	23	04	Hengchun district
709	"	24	14	57	Hengchun district	742	"	10	10	36	Tainan district
710	"	24	15	57	"	743	"	10	15	54	Hengchun district
711	"	24	19	23	Near Hwalien	744	"	11	13	49	Northern district
712	"	25	08	07	Taitung district	745	"	11	18	55	Hwalien district
713	"	25	08	42	Hwalien district	746	"	11	20	15	Hengchun district
714	"	25	23	26	Near Hwalien	747	"	12	08	42	Northern district
715	"	25	23	32	"	748	"	12	18	25	Hwalien district
716	"	26	06	53	(d)	749	"	12	21	05	36.°5N. 69.°2E (d)
717	"	26	15	58	Taitung district	750	"	13	09	02	Hengchun district
718	"	22	16	00	Tainan district	751	"	13	18	53	Northern district
719	"	26	20	07	Hwalien district	752	"	13	18	56	Hwalien district
720	"	27	00	25	Hengchun district	753	"	15	21	05	Near Tawu

No.	Month	P. (G. M. T.)			Epicenter	No.	Month	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
754	Sept.	15	22	57	Hwalien district	777	Sept.	23	11	13	Hwalien district
755	"	16	00	32	"	778	"	23	18	59	"
756	"	16	07	26	"	779	"	23	23	45	"
757	"	16	22	45	"	780	"	25	00	27	Near Hwalien
758	"	16	22	56	Near Hwalien	781	"	25	02	38	39km NE. of Hwalien
759	"	17	17	29	Near Tawu	782	"	25	12	06	Near Hsinkong
760	"	18	00	51	Hwalien district	783	"	25	15	18	Hwalien district
761	"	18	01	26	(d)	784	"	25	18	56	Hengchun district
762	"	18	06	15	(d)	785	"	25	19	19	Taitung district
763	"	18	13	33	Near district	786	"	26	13	03	Hwalien district
764	"	18	14	12	Near Hsinkong	787	"	26	13	05	Near Taitung
765	"	19	03	41	Near Tawu	788	"	26	13	28	Hwalien district
766	"	19	07	53	Hwalien district	789	"	26	15	29	"
767	"	20	11	57	Hengchun district	790	"	26	20	07	"
768	"	20	04	02	Hwalien district	791	"	27	08	06	"
769	"	20	11	56	"	792	"	27	13	02	Taitung district
770	"	20	12	04	Near Hwalien	793	"	27	13	08	"
771	"	20	19	10	"	794	"	28	03	51	"
772	"	20	23	35	"	795	"	28	06	03	"
773	"	22	05	55	Near Hengchun	796	"	28	07	46	Hwalien district
774	"	22	06	56	(d)	797	"	28	12	03	"
775	"	22	19	32	Hwalien district	798	"	30	11	33	Hengchun district
776	"	23	01	51	"						

Major Earthquakes which occurred in July, 1962.

No.	Station	Date	Phase	P. (G. M. T.)	Initial Motion			Maximum Amplitude			Period			P~S Intensity	Epicenter & Remarks	
					N	E	Z	N	E	Z	N	E	Z			
					μ	μ	μ	μ	μ	μ	s	s	s			m
1	Hwalien	2	ip	h. m. s. 16 33 35.7	-7.5	+3.1	+8.28	Scale out						01.2 II	Near Hwalien (1)	
	Hsinkong		ep	16 33 52.8										13.5 O		
	Taitung		ep	16 34 03.7										O		
	Taipei		ep	16 34 17.5										O		
														O		
2	Taichung	6	p	23 13 27.7										-07 46.4 O	36.6 N (d)	
	Taipei		p	23 13 31.4										O	70.4 E	
	Alishan		p	23 13 31.5										O		
	Tainan		ep	23 13 32.5										O		
	Ilan		ep	23 13 34.3										O		
	Hwalien		p	23 13 34.8										O		
	Hsinkong		p	23 13 37.2										O		
	Tawu		ep	23 13 37.7										O		
	Tatung		ep	23 13 38.7										O		
	Hengchun		p	23 13 39.7										O		
Kaohsiung		ep	23 13 41.0										O			
3	Tawu	11	ep	12 43 06.2										O	11.9 N	
	Taitung		ep	12 43 21.9										-02 20.8 O	122.0 E	
	Hwalien		ep	12 43 23.3										O	H=25Km (d)	
4	Tawu	13	ep	03 34 52.6										O	10.92 N	
	Hengchun		ep	03 34 57.0										O	121.7 E	
	Taitung		ep	03 35 06.7										07.7 O	H=157 Km (d)	
	Alishan	13	p	03 35 10.4										O		
	Hwalien		ep	03 35 19.0										-01 49.6 O		
Taipei		ep	03 35 52.7										-02 35.3 O			
5	Hwalien	23	p	17 03 28.9				+8002.0	-125020						03.8 I	30Km ENE
	Ilan		ep	17 03 38.2				-801.9	+90						09.3 O	of Hwalien
	Yushan		p	17 03 40.5											11.8 O	H=10Km
	Hsinchu		ep	17 03 44.5											15.0 O	24.1 N
	Hsinkong		ep	17 03 43.0											17.2 O	121.9 E
	Taichung		p	17 03 43.8											14.8 O	

No.	Station	Date	Phase	P. (G. M. T.)	Initial Motion			Maximum Amplitude			Period			P~S Intensity	Epicenter & Remarks	
					N	E	Z	N	E	Z	N	E	Z			
					μ	μ	μ	μ	μ	μ	s	s	s			m
5	Taipei		ep	h. m. s. 03 48.1											14.9 I	
	Taitung		ep	03 53.0											O	
	Tawu		ep	03 57.8											20.6 O	
	Tainan		ep	03 59.9											28.5 O	
	Alishan		ep	04 09.5											04.5 O	
6	Hwalien	26	ep	08 34 07.0											03 25.3 O	7.5 N
	Hsinkong		p	08 34 13.6											O	82.7 W
	Hengchun		p	08 34 18.5											O	H=2.1Km
	Taipei		p	08 34 19.4											O	(d)
	Tawu		p	08 34 28.7											O	
	Tainan		p	08 34 31.6											O	
	Taitung		p	08 34 35.6											O	
7	Alishan	29	ep	08 59 31.5											01 12.6 O	23.6 N
	Taichung		ep	08 59 51.7											O	114.3 E
	Taitung		ep	09 00 13.3											O	H=65Km
	Tawu		p	09 00 16.2											O	(d)
	Hwalien		ep	09 00 25.7											38.0 O	
	Taipei		ep	09 00 28.5											44.9 O	
	Hengchun		ep	09 00 34.0											O	
	Ilan		ep	09 00 42.8											30.9 O	
Hsinchu		ep	09 00 45.5											02 0.25 O		
8	Hwalien	30	p	17 23 36.8											05 53.0 O	3.3 S
	Ilan		p	17 23 42.0											04 48.6 O	143.9 E
	Tawu		ep	17 23 44.3											O	H=25Km
	Hengchun		ep	17 23 44.5											O	(d)
	Alishan		p	17 23 46.2											O	
	Taipei		p	17 24 47.4											05 35.7 O	
Taichung		ep	17 24 08.9											O		
9	Ilan	30	ep	20 38 24.6											50.2 O	(d)
	Alishan		p	20 38 28.7											O	
	Tawu		p	20 38 32.8											O	

No.	Station	Date	Phase	P. (G. M. T.)	Initial Motion			Maximum Amplitude			Period			P~S	Intensity	Epicenter & Remarks	
					N	E	Z	N	E	Z	N	E	Z				
	Penghu		p	h. m. s. 04 28 55.6	μ	μ	μ	μ	μ	μ	s	s	s	m	s	22.9 O	
	Tawu		ep	04 28 56.3												28.5 O	
	Hengchun		ep	04 29 07.0												30.6 O	
7	Hsinchu	23	ep	15 29 23.0												25.0 O	22°9 N
	Tainan		ip	15 29 57.1	- 129	+ 45	- 24	4.0	923	72.0	1.8	2.1	2.1	12.4	I	120°4 E	
	Alishan		ip	15 29 59.4	- 27	+ 8		44.6	47.6					09.1	I	30 Km NNE	
	Yushan		p	15 30 00.8										11.5	II	of Kaohsiung	
	Tawu		ip	15 30 01.9	- 70	+ 26	+ 83	154	198	107	1.1	1.6	1.9	09.0	O		
	Hsinkong		ip	15 30 02.8	- 34.1	- 800	- 135	+ 426	- 582	- 703	2.0	1.8	1.6	10.3	II	H=20Km	
	Penghu		p	15 30 05.8										25.9	O	(S)	
	Hengchun		ip	15 30 08.3	- 31.6	- 5.6	+ 64.8							13.3	II		
	Taichung		p	15 30 10.4										16.8	O		
	Hwalien		p	15 30 12.3			17.1	- 455	- 594	+ 255	1.7	1.5	1.3	19.8	I		
	Kaohsiung		p	15 30 23.0	+ 700	- 600		20	15		2.0	2.1		09.1	I		
	Taipei		p	15 30 29.2				244	212					31.1	O		
	Taitung		ip	15 30 56.0			- 11.4							10.5	II		
8	Hwalien	26	ep	06 53 19.8													O (d)
	Tawu		ep	06 53 31.1													O
	Taipei		ep	06 53 44.4													O
	Hengchun		ep	06 53 49.8													O
9	Hwalien	27	ep	15 19 36.5										-01 33.3	O	27.1N 127.4E H=33Km	
	Taipei		ep	15 19 55.0												(d)	
10	Taipei	29	ep	22 38 45.5												O (d)	

Major Earthquakes which Occurred in September 1962

No.	Station	Date	Phase	P. (G. M. T.)	Initial Motion			Maximum Amplitude			Period			P~S	Intensity	Epicenter & Remarks	
					N	E	Z	N	E	Z	N	E	Z				
1	Hwalien	1	ep	h. m. s. 19 31 02.9	μ	μ	μ	μ	μ	μ	s	s	s	m	s	-05 28.3 O	35.3 N
	Tawu		ep	19 31 04.1												-08 39.4 O	49.7 E
	Taipei		p	19 31 10.3												-08 26.3 O	H=33Km

No.	Station	Date	Phase	P. (G. M. T.)	Initial Motion			Maximum Amplitude			Period			P~S	Intensity	Epicenter & Remarks	
					N	E	Z	N	E	Z	N	E	Z				
	Hengchun		ep	h. m. s. 19 31 20.5	μ	μ	μ	μ	μ	μ	s	s	s	m	s		O (d)
	Tainan		ep	19 31 41.7													O
2	Hwalien	2	ep	05 34 32.9												-02 40.6 O	27.5N 127.0 E (d) H=58Km
	Taipei		ep	05 35 04.6													O
3	Taipei	11	ep	21 55 47.6												19.5 O	30Km. E.
	Hwalien		ip	21 56 26.1	+ 11.0	+ 5.0	+ 15.8	- 47.3	- 65.0	- 35.0	1.5	2.0	1.8	06.8	I	of Yushan	
	Hsinkong		ep	21 56 31.4				+ 21.9	- 32.6		1.0	1.0		08.6	III	H=20Km	
	Yushan		p	21 56 34.0										05.2	II		
	Taichung		ip	21 56 37.7										13.3	O		
	Alishan		ip	21 56 44.3	+ 6.8	- 6.0		54.7	39.2					05.3	II	(1)	
	Taipei		p	21 56 46.0				12.0	11.0		1.3	1.3		20.0	O		
	Tawu		ep	21 56 46.7										24.0	O		
	Hengchun		ep	21 56 57.4										25.0	O		
	Penghu		p	21 57 12.0										27.5	O		
	Hsinchu		ep	21 57 38.5										17.5	O		
4	Taipei	12	ep	21 05 24.0												-06 44.5 O	36.5 N
	Hwalien		ep	21 05 24.1												-01 22.6 O	69.2 E
	Tawu		ep	21 05 28.0													O H=50Km
	Hengchun		ep	21 05 28.0													O (d)
5	Hwalien	16	ep	22 45 23.8				+ 4.8	- 4.5		3.5	4.2		40.6	O		
	Alishan		p	22 45 40.9												O	d
	Hsinkong		ep	22 45 42.4													O
	Tawu		ep	22 45 50.7													O
	Hengchun		ep	22 45 54.5												29.6	O
	Taichung		ep	22 46 00.4													O
6	Hsinkong	17	p	16 31 26.8	+ 8.2	+ 45.6	81.1			+ 19.5			0.9	04.1	III	4Km NNW	
	Hwalien		ip	16 31 28.2	- 4.8	- 5.0	- 15.8	+ 31.0	- 25.6	- 10.2	1.3	1.8	2.0	09.1	I	of Hsinkong	
	Alishan		ep	16 31 28.8				13.5	16.9					06.5	I	H=15Km	
	Hsinchu		ep	16 31 39.0										20.0	O		
	Yushan		p	16 31 33.2										07.1	O	(1)	

地震季報

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中華民國五十一年十、十一、十二月

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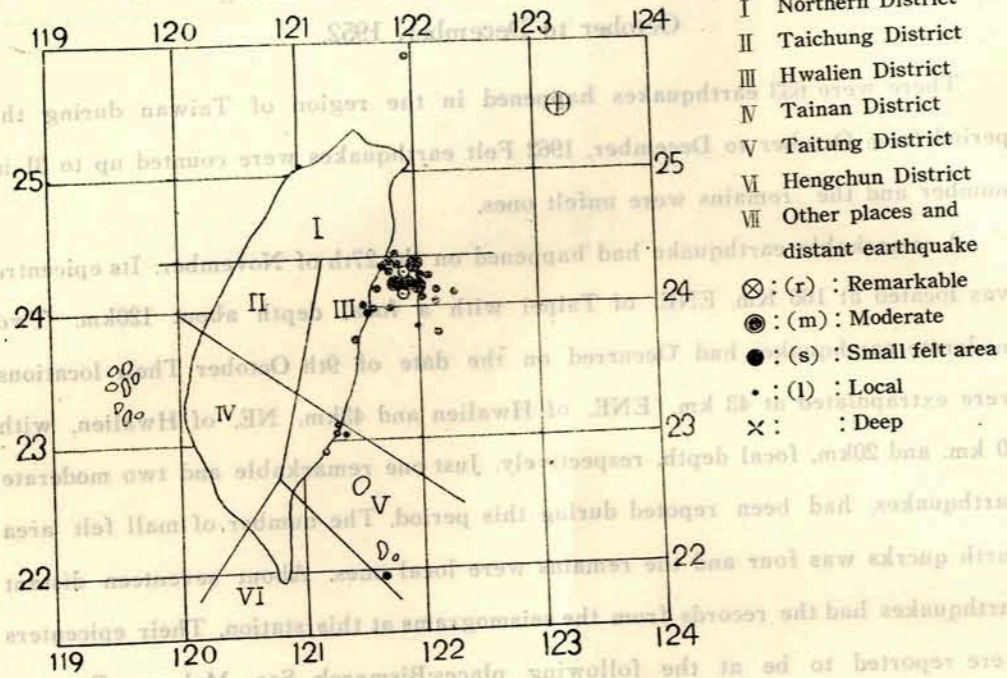
臺灣省氣象所

PUBLISHED QUARTERLY BY

TAIWAN WEATHER BUREAU

64 KUNG YUAN ROAD, TAPEI, TAIWAN, CHINA

Epicenters of Felt Earthquakes in October to December 1962



Number of earthquakes classified according to its magnitude and districts October to December 1962

Districts	Classification Magnitudes	Number of felt earthquakes				Total	Number of unfelt earthquakes	Total
		Remark- able	Moderate	Small felt area	Local			
Northern District		1	—	—	1	2	37	39
Taichung "		—	—	—	—	0	7	7
Hwalien "		—	2	4	18	24	289	313
Tainan "		—	—	—	—	0	2	2
Taitung "		—	—	—	5	5	222	227
Hengchun "		—	—	—	—	0	28	28
Other places "		—	—	—	—	0	17	17
Total		1	2	4	24	31	585	616

Felt earthquakes in the month of October to December, 1962

No.	Month	P. (G. M. T.)			Mag- nitude	Epicenter	Latitude		Depth
		d	h	m			N.	E.	
74	Oct.	4	16	29	l	Near 33km. SSW. of Hwalien	—	—	0
75	"	6	23	58	s	Near 62km. NE of Hwalien	24.4	122.0	40
76	"	8	21	55	m	Near 43km. ENE. of Hwalien	24.1	121.9	30
77	"	8	22	23	"	Near 43km. NE. of Hwalien	24.2	121.9	20
78	"	8	22	23	s	Near 43. NE. of Hwalien	24.2	121.9	20
79	"	8	22	31	l	Near 45km. NNE. of Hwalien	—	—	30
80	"	9	01	50	"	Near Hwalien	—	—	—
81	"	9	03	13	"	Near 56km. ENE. of Hwalien	—	—	30
82	"	9	03	40	"	Near 66km. ESE. of Hwalien	—	—	20
83	"	9	04	03	"	Near 55km. ENE. of Hwalien	—	—	20
84	"	9	04	05	"	Near 55km. NE. of Hwalien	—	—	20
85	"	9	05	04	"	Near 47km. NNE. of Hwalien	—	—	25
86	"	9	07	32	"	Near 56km. NNE. of Hwalien	—	—	10
87	"	9	07	39	"	Near 22km. NNE. of Hwalien	—	—	5
88	"	9	08	42	"	Near 68km. ENE. of Hwalien	—	—	30
89	"	9	09	32	"	Near 53km. NNE. of Hwalien	—	—	50
90	"	9	09	55	"	Near 20km. ENE. of Hwalien	—	—	0
91	"	9	13	19	"	Near 46km. NNE. of Hwalien	—	—	25
92	"	10	09	25	"	Near 51km. ENE. Hwalien	—	—	50
93	"	11	16	02	s	Near 54km. ENE. of Hwalien	24.2	122.1	35
94	"	11	21	36	l	Near 42 km. NE. of Hwalien	—	—	40
95	"	12	21	38	s	Near 36km. NE. of Hwalien	24.2	121.9	45
96	"	13	13	34	l	Near 50km. ESE. of Hengchun	—	—	10
97	"	14	19	55	"	Near Hsinkong	—	—	—
98	"	19	14	05	"	Near 26km. SSW. of Hsinkong	—	—	10
99	"	31	09	15	"	Near Hsinkong	—	—	—
100	"	31	09	15	"	Near Hsinkong	—	—	—
101	Nov	5	14	38	"	Near Hwalien	—	—	—
102	"	19	07	25	"	Near 72km. NE. of Taipei	—	—	70
103	"	26	06	51	"	Near Hwalien	—	—	—
104	"	27	06	53	r	Near 166km. ENE. of Taipei	25.2	123.1	120

Unfelt earthquakes in the month of October to December, 1962.

No.	Month	P. (G. M. T.)			Epicenter	No.	Month	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
795	Oct.	1	00	57	Hengchun district	828	Oct.	7	01	21	Near Taitung
796	"	1	20	58	Hwalien district	829	"	7	01	36	Near Taitung
797	"	4	12	57	Near Hwalien	830	"	7	01	36	Near Taitung
798	"	4	19	34	Hwalien district	831	"	7	01	43	Hwalien district
799	"	4	22	04	Hwalien district	832	"	7	01	49	Taitung district
800	"	5	10	30	Near 36km. ESE. of Ilan	833	"	7	01	59	Near Taitung
801	"	6	04	33	Hwalien district	834	"	7	02	04	Near Taitung
802	"	6	05	39	d	835	"	7	02	06	Near Taitung
803	"	6	12	52	Hwalien district	836	"	7	02	12	Taitung district
804	"	6	21	27	Hengchun district	837	"	7	02	22	Near Taitung
805	"	6	23	41	Taitung district	838	"	7	02	22	Near Taitung
806	"	6	23	48	Taitung district	839	"	7	02	34	Taitung district
807	"	6	23	51	Taitung district	840	"	7	02	41	Near Taitung
808	"	6	23	56	Taitung district	841	"	7	02	48	Taitung district
809	"	7	00	05	Hwalien district	842	"	7	02	52	Near Taitung
810	"	7	00	07	Hwalien district	843	"	7	02	56	Near Taitung
811	"	7	00	08	Hwalien district	844	"	7	02	58	Near Taitung
812	"	7	00	13	Hwalien district	845	"	7	03	01	Near Taitung
813	"	7	00	15	Hwalien district	846	"	7	03	11	Near Taitung
814	"	7	00	16	Hwalien district	847	"	7	03	12	Near Taitung
815	"	7	00	22	Hwalien district	848	"	7	03	13	Near Taitung
816	"	7	00	23	Near 50km. SE of Hwalien	849	"	7	03	20	Hwalien district
817	"	7	00	27	Hwalien district	850	"	7	03	26	Hwalien district
818	"	7	00	32	Near Taitung	851	"	7	03	27	Near 68km. SE. of Hwalien
819	"	7	00	35	Taitung district	852	"	7	05	02	Near Taitung
820	"	7	00	43	Near Taitung	853	"	7	05	26	Near Taitung
821	"	7	00	45	Near Taitung	854	"	7	05	29	Hwalien district
822	"	7	00	47	Taitung district	855	"	7	06	00	Near Taitung
823	"	7	00	51	Taitung district	856	"	7	06	01	Near Taitung
824	"	7	01	01	Near Taitung	857	"	7	06	08	Near Taitung
825	"	7	01	08	Near Taitung	858	"	7	06	13	Near Taitung
826	"	7	01	10	Near Taitung	859	"	7	06	23	Hwalien district
827	"	7	01	13	Near Taitung	860	"	7	06	27	Near Taitung

No.	Month	P. (G. M. T.)			Epicenter	No.	Month	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
861	Oct.	7	06	28	Taitung district	894	Oct.	8	08	31	Taitung district
862	"	7	06	30	Near Taitung	895	"	8	08	59	Near Taitung
863	"	7	06	35	Near Taitung	896	"	8	09	04	Taitung district
864	"	7	06	47	Near Taitung	897	"	8	09	07	Near Taitung
865	"	7	07	13	Near Taitung	898	"	8	09	13	Taitung district
866	"	7	07	14	Near Taitung	899	"	8	09	27	Near Taitung
867	"	7	08	23	Hwalien district	900	"	8	09	32	Taitung district
868	"	7	09	33	Hwalien district	901	"	8	09	47	Near Taitung
869	"	7	09	50	Hwalien district	902	"	8	09	49	Near Taitung
870	"	7	13	35	Hwalien district	903	"	8	09	58	Near Taitung
871	"	7	13	46	Hwalien district	904	"	8	09	59	Taitung district
872	"	7	14	01	Hwalien district	905	"	8	10	02	Taitung district
873	"	7	14	02	Near 30 km. S. of Ilan	906	"	8	10	08	Near Taitung
874	"	7	14	06	Near 45km. N. of Hwalien	907	"	8	10	15	Near Taitung
875	"	7	14	15	Near Hwalien	908	"	8	10	20	Taitung district
876	"	7	17	03	Taitung district	909	"	8	10	31	Taitung district
877	"	7	17	23	Near Taitung	910	"	8	10	42	Taitung district
878	"	7	17	31	Taitung district	911	"	8	10	46	Near Taitung
879	"	7	17	33	Taitung district	912	"	8	10	52	Near Taitung
880	"	7	17	48	Near Taitung	913	"	8	10	56	Near Taitung
881	"	7	10	00	Taitung district	914	"	8	11	07	Taitung district
882	"	7	18	07	Taitung district	915	"	8	11	10	Near Taitung
883	"	7	19	03	Taitung district	916	"	8	11	11	Near Taitung
884	"	7	19	08	Taitung district	917	"	8	11	21	Near Taitung
885	"	7	20	55	Northern district	918	"	8	11	24	Taitung district
886	"	7	21	17	Near Taitung	919	"	8	11	25	Near Taitung
887	"	8	00	18	Near Hsinkong	920	"	8	11	26	Taitung district
888	"	8	02	34	Near Taitung	921	"	8	11	32	Taitung district
889	"	8	03	35	Near Taitung	922	"	8	11	34	Near Taitung
890	"	8	05	03	Taitung district	923	"	8	11	38	Taitung district
891	"	8	06	00	Hwalien district	924	"	8	11	39	Taitung district
892	"	8	06	32	Near Hwalien	925	"	8	11	44	Near Taitung
893	"	8	08	30	Near Taitung	926	"	8	11	45	Taitung district

No.	Month	P. (G. M. T.)			Epicenter	No.	Month	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
927	Oct.	8	11	50	Taitung district	960	Oct.	8	15	14	Near Taitung
928	"	8	12	00	Near Taitung	961	"	8	15	17	Near Taitung
929	"	8	12	02	Taitung district	962	"	8	15	31	Near Taitung
930	"	8	12	04	Taitung district	963	"	8	15	34	Near Taitung
931	"	8	12	08	Near Taitung	964	"	8	15	37	Near Taituug
932	"	8	12	13	Taitung district	965	"	8	15	47	Near Taituug
933	"	8	12	17	Near Taitung	966	"	8	15	52	Near Taituug
934	"	8	12	26	Near Taitung	967	"	8	15	52	Near Taituug
935	"	8	12	27	Near Taitung	968	"	8	15	57	Near Taituug
936	"	8	12	29	Tainan district	969	"	8	16	00	Near Taituug
937	"	8	12	31	Near Taitung	970	"	8	16	30	Near Taituug
938	"	8	12	34	Taitung district	971	"	8	16	33	Near Taituug
939	"	8	12	36	Near Taitung	972	"	8	16	43	Near Taituug
940	"	8	12	37	Taitung district	973	"	8	16	45	Near Taitung
941	"	8	12	39	Near Taitung	974	"	8	16	56	Near Taituug
942	"	8	12	42	Near Taitung	975	"	8	17	03	Near Taituug
943	"	8	12	48	Near Taitung	976	"	8	17	05	Near Taituug
944	"	8	12	53	Near Taitung	977	"	8	17	17	Near Taituug
945	"	8	13	00	Near Taitung	978	"	8	17	18	Near Taituug
946	"	8	13	03	Near Taitung	979	"	8	17	22	Near Taituug
947	"	8	13	04	Near Taitung	980	"	8	17	23	Near Taituug
948	"	8	13	09	Near Taitung	981	"	8	17	25	Near Taituug
949	"	8	13	17	Near Taitung	982	"	8	17	34	Near Taitung
950	"	8	13	43	Near Taitung	983	"	8	17	35	Near Taitung
951	"	8	13	53	Near Taitung	984	"	8	17	37	Near Taitung
952	"	8	14	16	Taitung district	985	"	8	17	42	Near Taitung
953	"	8	14	25	Near Taitung	986	"	8	17	50	Near Hwalien
954	"	8	14	37	Near Taitung	987	"	8	17	53	Hwalien district
955	"	8	14	39	Near Taitung	988	"	8	17	56	Near Taitung
956	"	8	14	40	Taitung district	989	"	8	22	44	Hwalien district
957	"	8	14	53	Near Taitung	990	"	8	22	46	Hwalien district
958	"	8	15	03	Taitung district	991	"	8	22	49	Hwalien district
959	"	8	15	13	Near Taitung	992	"	8	22	50	Hwalien district

No.	Month	P. (G. M. T.)			Epicenter	No.	Month	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
993	Oct.	8	22	51	Near Hwalien	1026	Oct.	9	02	02	Hwalien district
994	"	8	22	54	Near Taitung	1027	"	9	02	16	Hwalien district
995	"	8	22	58	Near Taitung	1028	"	9	02	17	Hwalien district
996	"	8	22	59	Near Taitung	1029	"	9	02	20	Hwalien district
997	"	8	23	00	Near Taitung	1030	"	9	02	21	Hwalien district
998	"	8	23	03	Near Hwalien	1031	"	9	02	22	Hwalien district
999	"	8	23	05	Near Taitung	1032	"	9	02	40	Near 38km. SE. of Ilan
1000	"	8	23	16	Near Hwalien	1033	"	9	02	41	Near Hwalien
1001	"	8	23	20	Near Hwalien	1034	"	9	02	52	Near Hwalien
1002	"	8	23	21	Near Hwalien	1035	"	9	02	55	Near Hwalien
1003	"	8	23	22	Near Taitung	1036	"	9	02	58	Hwalien district
1004	"	8	23	23	Near Taitung	1037	"	9	02	59	Hwalien district
1005	"	8	23	36	Hwalien district	1038	"	9	03	01	Near Hwalien
1006	"	8	23	48	Hwalien district	1039	"	9	03	35	Hwalien district
1007	"	8	23	54	Near Hwalien	1040	"	9	04	10	Hwalien district
1008	"	9	00	09	Near Hwalien	1041	"	9	04	15	Hwalien district
1009	"	9	00	14	Hwalien district	1042	"	9	04	18	Hwalien district
1010	"	9	00	22	Near Taitung	1043	"	9	04	25	Near Hwalien
1011	"	9	00	23	Hwalien district	1044	"	9	04	30	Hwalien district
1012	"	9	00	40	Hwalien district	1045	"	9	04	44	Hwalien district
1013	"	6	00	50	Hwalien district	1046	"	9	04	47	Near 30km. NE. of Hwalien
1014	"	9	00	50	Hwalien district	1047	"	9	05	00	Taitung district
1015	"	9	01	02	Hwalien district	1048	"	9	05	07	Near 47km. NNE. of Hwalien
1016	"	9	01	06	Near Hwalien	1049	"	9	05	33	Hwalien district
1017	"	9	01	28	Near Hwalien	1050	"	9	05	51	Hwalien district
1018	"	9	01	30	Hwalien district	1051	"	9	05	54	Hwalien district
1019	"	9	01	33	Hwalien district	1052	"	9	06	13	Hwalien district
1020	"	9	01	38	Near Hwalien	1053	"	9	06	23	Hwalien district
1021	"	9	01	39	Hwalien district	1054	"	9	05	32	Hwalien district
1022	"	9	01	42	Hwalien district	1055	"	9	05	51	Hwalien district
1023	"	9	01	48	Hwalien district	1056	"	9	07	33	Hengchun district
1024	"	9	01	49	Hwalien district	1057	"	9	07	49	Near 40km. ENE. of Hwalien
1025	"	9	01	56	Near Hwalien	1058	"	9	08	00	Hwalien district

No.	Month	P. M. T.)			Epicenter	No.	Month	P. M. T.)			Epicenter
		G.	M.	T.)				G.	M.	T.)	
		d.	h.	m.				d.	h.	m.	
1059	Oct.	9	08	03	Hwalien district	1092	Oct.	9	16	07	Hwalien district
1060	"	9	08	40	Hwalien district	1093	"	9	16	09	Hwalien district
1061	"	9	08	45	Near 68km. ENE. of Hwalien	1094	"	9	16	32	Near Taitung
1062	"	9	08	52	"	1095	"	9	16	41	Hwalien district
1063	"	9	08	57	"	1096	"	9	16	45	Near Taitung
1064	"	9	09	10	"	1097	"	9	16	47	Hwalien district
1065	"	9	09	23	Near Taitung	1098	"	9	17	01	Hwalien district
1066	"	9	09	45	Near Hwalien	1099	"	9	17	33	Hwalien district
1067	"	9	09	57	Near 20km. ENE. of Hwalien	1100	"	9	17	56	Near Hwalien
1068	"	9	10	31	Near Taitung	1101	"	9	17	57	Near Hwalien
1069	"	9	10	45	Near Hwalien	1102	"	9	18	01	Near 84km. ESE of Hwalien
1070	"	9	10	55	Near Hwalien	1103	"	9	18	47	Hwalien district
1071	"	9	11	04	Hwalien district	1104	"	9	19	36	Near Hwalien
1072	"	9	11	10	Near 30km. NNE. of Hwalien	1105	"	9	19	41	Near 87km. E. of Hwalien
1073	"	9	11	35	Hwalien district	1106	"	9	20	03	Near Hwalien
1074	"	9	12	18	Near Taitung	1107	"	9	20	04	Hwalien district
1075	"	9	12	24	Hwalien district	1108	"	9	20	16	Hwalien district
1076	"	9	12	26	Near Hwalien	1109	"	9	20	21	Hwalien district
1077	"	9	12	38	Near Taitung	1110	"	9	21	18	Near Hwalien
1078	"	9	12	58	Near Taitung	1111	"	9	20	21	32S 148.2E Bismarck Sea
1079	"	9	13	05	Near Taitung	1112	"	9	22	02	Hwalien district
1080	"	9	13	12	Near Taitung	1113	"	9	23	37	Hwalien district
1081	"	9	13	39	Near Taitung	1114	"	10	01	10	Hwalien dittrict
1082	"	9	13	53	Near Tawu	1115	"	10	01	11	Hwalien district
1083	"	9	14	27	Near Taitung	1116	"	10	04	47	Taitung district
1084	"	9	14	35	Near Taitung	1117	"	10	06	03	Northern district
1085	"	9	14	39	Near Taitung	1118	"	10	06	04	Near 72km. E. of Hwalien
1086	"	9	14	42	Hwalien district	1119	"	10	06	44	Taitung district
1087	"	9	15	00	Hwalien district	1120	"	10	06	49	Taitung district
1088	"	9	15	40	Taitung district	1121	"	10	08	15	Taitung district
1089	"	9	15	48	Near Hwalien	1122	"	10	10	21	Near Hwalien
1090	"	9	15	49	Near Hwalien	1123	"	10	10	45	Near Hwalien
1091	"	9	15	52	Near Hwalien	1124	"	10	10	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.	
1125	Oct.	10	11	03	Near Taitung	1158	Oct.	12	06	09	Near Hwalien
1126	"	10	12	17	Taitung district	1159	"	12	07	06	Northern district
1127	"	10	12	33	Hwalien district	1160	"	12	08	52	Hwalien district
1128	"	10	13	23	Near Taitung	1161	"	12	09	10	Hwalien district
1129	"	10	13	33	Hwalien district	1162	"	12	09	12	Near Taitung
1130	"	10	13	34	Hwalien district	1163	"	12	10	47	Taitung district
1131	"	10	14	20	Hwalien district	1164	"	12	11	29	Hwalien district
1132	"	10	14	27	Hwalien district	1165	"	12	12	13	Hwalien district
1133	"	10	16	04	Hwalien district	1166	"	12	14	13	Hwalien district
1134	"	10	16	39	Hwalien district	1167	"	12	14	19	Hwalien district
1135	"	10	16	45	Hwalien district	1168	"	12	15	04	Hwalien district
1136	"	10	16	55	Hwalien district	1169	"	12	15	24	Hwalien district
1137	"	10	17	06	Hwalien district	1170	"	12	19	03	Hwalien district
1138	"	10	17	16	Taitung district	1171	"	12	19	41	Hwalien district
1139	"	10	17	23	Taitung district	1172	"	12	19	44	Hwalien district
1140	"	10	18	04	Hwalien district	1173	"	12	20	16	Near Hwalien
1141	"	10	18	19	Hwalien district	1174	"	12	22	42	Hengchun district
1142	"	11	00	08	Near Taitung	1175	"	12	23	24	Near Hwalien
1143	"	11	10	12	Northern district	1176	"	12	23	34	Northern dittrict
1144	"	11	10	36	Near Hwalien	1177	"	13	03	13	Hwalien district
1145	"	11	10	52	Northern district	1178	"	13	03	59	Near Hwalien
1146	"	11	13	35	Near Hsinkong	1179	"	13	09	23	Near Tawu
1147	"	11	14	49	Hwalien district	1180	"	13	12	43	Hwalien district
1148	"	11	15	21	Hwalien district	1181	"	13	15	34	Taitung district
1149	"	11	16	24	Hwalien district	1182	"	13	16	17	Hwalien district
1150	"	11	16	29	Near 37km. NNE. of Hwalien	1183	"	13	18	17	Hwalien district
1151	"	11	18	01	Hwalien district	1184	"	13	19	30	Taitung district
1152	"	11	18	55	Hwalien district	1185	"	13	19	55	Taichung district
1153	"	11	21	27	Near Hwalien	1186	"	13	19	56	Taichung district
1154	"	11	22	01	Hwalien district	1187	"	13	20	00	Taitung district
1155	"	11	22	44	Near Hwalien	1188	"	14	17	34	Near 50km. NE. of Hwalien
1156	"	12	04	15	Near Hwalien	1189	"	14	19	13	Hwalien district
1157	"	12	05	52	Hwalien district	1190	"	14	19	27	Near Hsinkong

No.	Month	P. (G. M. T.)			Epicenter	No.	Month	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
1191	Oct.	14	19	56	Near Hsinkong	1224	Oct.	22	15	41	Near Taitung
1192	"	14	20	42	Taitung district	1225	"	23	09	39	Near Tawu
1193	"	14	21	20	Near Hwalien	1226	"	23	14	09	Hwalien district
1194	"	14	22	41	Near Hwalien	1227	"	24	07	47	Near Hsinkong
1195	"	15	01	28	Taitung district	1228	"	24	09	58	Taichung district
1196	"	15	13	32	Hwalien district	1229	"	25	09	37	3.0N 126.7E. Molucca passage
1197	"	15	14	08	Hwalien district	1230	"	25	09	42	Hengchun district
1198	"	15	15	59	Near Taipei	1231	"	25	16	34	Hwalien district
1199	"	16	01	37	Hwalien district	1232	"	25	19	08	Northern district
1200	"	16	11	01	Near Hwalien	1233	"	26	06	10	Near 18km. S. of Ilan
1201	"	16	15	38	Hwalien district	1234	"	26	08	13	Near Hwalien
1202	"	16	21	48	Near Hsinkong	1235	"	26	13	18	Hwalien district
1203	"	18	09	15	Hengchun district	1236	"	27	21	24	Hwalien district
1204	"	18	14	28	Near Tawu	1237	"	29	17	00	Near 40km. ESE. of Ilan
1205	"	18	14	31	Near Tawu	1238	"	29	23	03	Hwalien district
1206	"	18	15	33	Near Tawu	1239	"	30	02	51	Near 43km. NNE. of Hsinkong
1207	"	18	22	18	Near Taitung	1240	"	31	01	14	Near Hwalien
1208	"	18	23	26	Near Hwalien	1241	Nov.	1	01	35	Hwalien district
1209	"	19	00	52	Near Tawu	1242	"	1	01	59	Hengchun district
1210	"	19	04	33	Near 31km. NE. of Hwalien	1243	"	1	03	08	Hwalien district
1211	"	19	04	38	Hwalien district	1244	"	1	15	37	(d)
1211	"	19	05	05	Near Alishan	1245	"	1	17	18	Near Hwalien
1213	"	19	19	11	Hwalien district	1246	"	1	17	20	Near Hwalien
1214	"	20	07	23	Taitung district	1247	"	1	17	20	Near Hwalien
1215	"	20	07	23	Taitung district	1248	"	1	17	21	Hwalien district
1216	"	21	01	19	Near 24km. WSW. of Hwalien	1249	"	1	17	24	Near Hwalien
1217	"	21	03	13	Hwalien district	1250	"	1	17	27	Hwalien district
1218	"	22	03	46	Hwalien district	1251	"	1	17	57	(d)
1219	"	22	13	24	Hwalien district	1252	"	2	00	30	Near Hwalien
1220	"	22	13	52	Hwalien district	1253	"	2	18	32	Hwalien district
1221	"	22	14	04	Hwalien district	1254	"	2	18	32	Near Hwalien
1222	"	22	14	30	Near 25km. SSW. of Hsinkong	1255	"	2	18	40	Near Hwalien
1223	"	22	15	35	Near Hwalien	1256	"	4	03	24	Hwalien district

No.	Month	P. (G. M. T.)			Epicenter	No.	Month	P. (G. M. T.)			Epicenter
		d.	h.	m.				d.	h.	m.	
1257	Nou.	4	21	23	Near Hwalien	1290	Nov.	18	03	14	Hengchun district
1258	"	4	23	44	Taitung district	1291	"	18	10	02	Near Taipei
1259	"	5	02	33	Near Taipei	1292	"	18	21	05	Near 65km. ESE. of Hengchun
1260	"	5	07	17	Hwalien district	1293	"	18	23	27	Hwalien district
1261	"	6	05	14	Hwalien district	1294	"	19	04	15	Near 67km. ENE. of Hwalien
1262	"	6	09	17	Hwalien district	1295	"	19	12	11	Near Hwalien
1263	"	7	01	03	Near 32km. E. of Tawu	1296	"	20	02	46	Near Hwalien
1264	"	7	03	48	Near 54km. SE. of Hwalien	1297	"	20	22	32	Hwalien district
1265	"	7	05	53	Hwalien district	1298	"	22	01	07	Near 46km. E. of Taitung
1266	"	7	20	02	Near 195km. SSE. of Hengchun	1299	"	22	04	22	Near 60km. E. of Ilan
1267	"	9	05	27	Hwalien district	1300	"	22	14	16	Near 50km. E. of Taipei
1268	"	9	23	56	Near 70km. ESE. of Ilan	1301	"	22	20	19	Northern district
1269	"	10	11	04	Taitung district	1302	"	23	01	20	Hwalien district
1270	"	11	23	19	Hwalien district	1303	"	23	03	02	Near 54km. E. of Taipei
1271	"	12	01	00	Hwalien district	1304	"	23	04	09	Northern district
1272	"	12	01	12	Hwalien district	1305	"	25	01	50	Near Alishan
1273	"	12	12	50	26.0 N 128.4E Ryukyu Islands	1306	"	25	06	24	Near 35km. S. of Hwalien
1274	"	12	23	31	Taitung district	1307	"	25	08	31	Near 90km. ENE. of Hwalien
1275	"	13	05	19	Near Hwalien	1308	"	26	05	48	Hwalien district
1276	"	14	22	02	(d)	1309	"	28	05	01	Hengchun district
1277	"	15	09	22	Near Hsinkong	1310	"	29	00	24	Hwalien district
1278	"	15	18	52	Hengchun district	1311	"	29	02	41	Near 60km. ENE. of Taipei
1279	"	15	21	25	Northern district	1312	"	30	21	58	Near Hsinkong
1280	"	16	03	42	Near Alishan	1313	Dec.	1	17	24	Near Hwalien
1281	"	16	12	36	Hwalien district	1314	"	1	17	46	Near Hwalien
1282	"	16	12	47	Hwalien district	1315	"	1	18	39	Hwalien district
1283	"	16	21	12	13.5N 93.2E Andaman Islands	1316	"	2	14	18	Hwalien district
1284	"	17	05	14	Northern district	1317	"	2	15	38	Hwalien district
1285	"	17	05	34	Hwalien district	1318	"	3	06	52	Near 25km. N. of Taitung
1286	"	17	08	40	Near 80km. ENE. of Taipei	1319	"	3	16	09	Hwalien district
1287	"	17	08	46	Hwalien district	1320	"	3	21	21	Near 21km. E. of Ilan
1288	"	17	17	56	Near 35km. SSE. of Hwalien	1321	"	4	04	43	Hengchun district
1289	"	17	21	34	Near 30km. ESE. of Hwalien	1322	"	6	01	23	Tainan district

No.	Month	P.			Epicenter	No.	Month	P.			Epicenter
		(G.	M.	T.)				(G.	M.	T.)	
1323	Dec.	d.	h.	m.	1356	Dec.	d.	h.	m.	2.1N 122.9E	
		6	01	31			17	11	04		
					1357	"	17	11	07	Hengchun district	
1324	"	6	01	35			17	17	30	38.0N 106.1E	
1325	"	6	05	46	1358	"	17	17	30		
1326	"	7	01	58	1359	"	18	11	26	Hwaiien district	
1327	"	7	02	15	1360	"	19	20	10	Hwaiien district	
1328	"	7	08	40	1361	"	21	09	15	Taitung district	
1329	"	7	09	40	1362	"	21	09	17	Tritung district	
1330	"	7	10	33	1363	"	21	09	38	42.4N 142.3E	
1331	"	7	13	46	1364	"	21	14	35	Taichung district	
1332	"	7	14	06	1365	"	21	15	45	Near 35km. ENE. of Hsinkong	
1333	"	8	18	30	1366	"	21	23	14	Northern district	
1334	"	8	20	26	1367	"	21	23	20	Northern district	
1335	"	8	21	08	1368	"	22	15	30	Hwaiien district	
1336	"	8	21	45	1369	"	22	15	40	Northern district	
1337	"	8	21	57	1370	"	22	21	29	Near Hwaiien	
1338	"	9	17	26	1371	"	22	21	45	Hwaiien district	
1339	"	10	18	25	1372	"	23	19	22	Hwaiien district	
1340	"	9	23	58	1373	"	23	19	53	Hwaiien district	
1341	"	10	01	14	1374	"	23	20	38	Near Hwaiien	
1342	"	11	04	00	1375	"	23	21	21	Northern district	
1343	"	11	08	48	1376	"	24	04	17	Hwaiien district	
1344	"	11	13	40	1377	"	24	14	16	Hwaiien district	
1345	"	11	18	34	1378	"	25	11	49	Hwaiien district	
1346	"	11	20	22	1379	"	25	15	34	Hwaiien district	
1347	"	12	10	16	1380	"	25	18	00	Hwaiien district	
1348	"	12	15	22	1381	"	26	04	38	Near Hwaiien	
1349	"	13	01	55	1382	"	26	10	04	Near Hwaiien	
1350	"	13	23	21	1383	"	26	19	12	Hwaiien district	
1351	"	14	07	30	1384	"	26	22	34	53.9N 168.7E.	
1352	"	14	07	38	1385	"	27	01	35	Near district	
1353	"	14	16	38	1386	"	27	26	08	Near Taitung	
1354	"	15	01	50	1387	"	27	18	24	39.9N 142.0E	
1355	"	15	08	47	1388	"	27	18	37	Near Hsinkong	

No.	Month	P.			Epicenter	No.	Month	P.			Epicenter
		(G.	M.	T.)				(G.	M.	T.)	
1389	Dec.	d.	h.	m.	1392	Dec.	d.	h.	m.	Hengchun district	
		29	04	16			30	16	07		
1390	"	29	04	20	1393	"	30	23	22	Near Hwaiien	
1391	"	30	05	31	1394	"	30	23	56	Near Hwaiien	

Major Earthquakes Occurred in October, 1962

No.	Station	Date	Phase	P. (G. M. T.)	Initial Motion			Maximum Amplitude			Period			P~S Intensity	Epicenter & Remarks	
					N	E	Z	N	E	Z	N	E	Z			
					μ	μ	μ	μ	μ	μ	s	s	s			m
1	Hwalien	6	p	05 39 43.9										26.7	O d	
	Taipei		p	39 56.5										1	7.6	O
	Hsinchu		ep	40 01.0										2	22.5	O
	Hsinkong		ep	40 01.6												O
	Alishan		ep	40 07.9										1	7.9	O
	Taichung		ep	40 11.2												O
	Hengchun		ep	40 28.0												O
2	Hwalien	6	ip	23 58 14.6	+ 6.2	+ 3.8	+ 3.3	57	800	205	2.1	2.5	3.0	7.1	I	Near 62km.
	Aliihan		ep	58 21.9				102	89					16.9	O	NE of
	Taipei		ep	58 25.5										10.0	O	Hwalien
	Hsinchu		ep	58 26.5										12.5	O	N24.4 E122.0
	Yushan		p	58 28.6										12.0	O	
	Taichung		p	58 29.9										15.0	O	
	Hsinkong		ip	58 30.1	- 5.9	- 4.4		72	88		1.2	2.0		16.7	I	
	Taitung		ep	58 37.2										24.9	O	
	Tawu		ep	58 45.4										27.1	O	
	Tainan		ep	58 48.8												O
	Hengchun		ep	59 00										24.6	O	
3	Hwalien	8	ip	21 55 25.2	- 51.9	+ 17.5	+ 71.2	2100	2250		3.5	3.5		6.0	III	Near 43km.
	Hsinchu		ep	56 37.0				1250	1250		1.2	1.1		13.0	II	ENE. of
	Taipei		ip	56 37.6	- 47.5		- 62.5	4500	7754	2750	3.7	4.7	3.2	13.5	II	Hwalien
	Taichung		p	56 39.5										14.0	II	N24.1 E121.9
	Alishan		ip	56 40.9	+ 9.6	+ 8.5	- 6.0	753	569					12.6	II	
	Yushan		ip	56 41.5										19.6	I	
	Hsinkong		ep	56 41.8										19.7	I	
	Penghu		ip	56 49.6				1445	825		3.0	3.8		33.6	O	
	Taitung		ep	56 50.0										31.2	I	
	Tawu		ip	56 54.5	+ 28	- 6	- 14		582	544		5.3	5.1	27.4	O	
	Tainan		p	56 57.1	+ 21	+ 21	- 42	650	800		2.3	2.8		33.9	I	
	Kaohsiung		p	57 02.3										12.7	I	
	Hengchun		ip	57 02.6	+ 28	+ 2.3	- 0.04	420	375		3.0	3.0		29.8	II	

No.	Station	Date	Phase	P. (G. M. T.)	Initial Motion			Maximum Amplitude			Period			P-S Intensity	Epicenter & Remarks		
					N	E	Z	N	E	Z	N	E	Z				
					μ	μ	μ	μ	μ	μ	s	s	s			m	s
4	Hwalien	8	p	22 22 33.8				154	265	60	1.9	2.0	1.8	6.6	I	Near 43km.	
	Alishpn		ep	23 24.8				411	317		1.4	8.5			I	NE. of	
	Taichung		ep	23 26.6											O	Hwalien	
	Hsinchu		ep	23 25.0											12.5	I	N24.2 E121.9
	Taitung		ep	23 38.6				178			2.1				O	(H=20)	
	Kaohsiung		p	24 10.4											20.2	O	
	Taipei		p	24 22.8											11.2	I	
	Hengchun		ep	24 24.6				80	81	25					56.0	I	
	Tainan		ep	24 24.8											40.0	O	
	Yushan		p	24 25.4											12.5	O	
	Hsinkong		ep	24 28.1				191	277		2.3	1.5			15.9	I	
	Penghu		p	24 38.0											29.7	O	
	Tawu		ep	24 41.4											27.0	O	
5	Hwalien	8	p	22 23 37.3											6.3	II	N24.2 E121.9
	Taichung		p	24 26.2				454	307	250	2.6	2.4	3.1	13.8	I	(H=20)	
	Alishan															O	
6	Taitung	9	ep	20 21 45.5												O	3.2S 148.2E
	Taipei		ep	22 05.8												O	Bismarck Sea
7	Hwrlien	11	ip	16 02 40.0	- 37.0	+ 20.0	+ 47.5	625	1400	206	2.0	2.5	3.5	7.0	II	Near 54km.	
	Taipei		p	02 50.6				256	213			1.1			11.9	O	ENE. of
	Taichung		p	02 51.5											13.3	O	Hwalien
	Hsinkong		ep	02 52.5											16.2	O	24.2N 122.1E
	Alishan		ip	02 53.4	+ 68	+ 60									16.1	O	(H=35)
	Taitung		ep	02 56.8				98	63	37	1.8	1.5	2.1	20.8	I		
	Tainan		ep	03 06.6											26.8	O	
	Tawu		ep	03 08.4											24.6	O	
	Hengchun		ep	03 17.1											44.0	O	
	Hsinchu		ep	03 18.5											13.8	O	
8	Hsinchu	12	ep	21 38 30.0											12.5	I	Near 36km.
	Alishan		ip	38 42.3											15.8	O	NE. of
	Hwalien		ip	38 48.6	- 8.2	- 5.0	- 44.6	370	370	130	1.2	1.2	1.3	6.4	II	Hwalien	

No.	Station	Date	Phase	P. (G. M. T.)	Initial Motion			Maximum Amplitude			Period			P-S	Intensity	Epicenter & Remarks
					N	E	Z	N	E	Z	N	E	Z			
	Taipei		p	n. m. s. 38 57.5	μ	μ	μ	μ	μ	μ	s	s	s	m s	12.8 O	N24.2 E121.9
	Taichung		ep	38 57.8											12.8 O	(H=45)
	Hsinkong		ep	38 57.9											13.6 I	
	Yushan		p	38 58.0											11.8 I	
	Taitung		ep	39 05.9				61	78	37	1.9	2.0	2.1		18.1 I	
	Tawu		ep	39 13.3											18.7 O	
	Hengchun		ep	39 19.2											28.9 O	
9	Hsinkong	25	p	19 37 44.0												O N3.0 E126.7
	Hengchun		ep	38 51.4												O Molucca
	Tawu		ep	38 52.6												O Passage
	Taitung		ep	38 53.5											355.2 O	
	Alishan		ep	39 02.1												O
	Hwalien		ep	39 09.8											359.2 O	

Major Earthquakes Occurred in November, 1962

No.	Station	Date	Phase	P. (G. M. T.)	Initial Motion			Maximum Amplitude			Period			P-S	Intensity	Epicenter & Remarks
					N	E	Z	N	E	Z	N	E	Z			
1	Tawu	1	ep	h. m. s. 15 37 41.0	μ	μ	μ	μ	μ	μ	s	s	s	m s		O (d)
	Hsinkong		ep	38 28.2												O
	Hwalien		ep	38 42.8												O
	Hengchun		ep	38 43.6												O
	Taitung		ep	38 45.7												O
	Taipei		ep	39 04.4											443.2 O	
2	Tawu	1	ep	17 57 02.7												O (d)
	Hsinkong		ep	57 12.1												O
	Taitung		ep	57 31.9												O
	Hwalien		ep	57 39.7											427.5 O	
	Taipei		ep	57 49.4											432.9 O	
3	Taitung	12	ep	12 50 25.3												O 26.0N 128.4E
	Taipei		ep	50 52.5											126.8 O	Ryukyu
	Taitung		ep	51 01.9											130.2 O	Islands

No.	Station	Date	Phase	P. (G. M. T.)	Initial Motion			Maximum Amplitude			Period			P-S	Intensity	Epicenter & Remarks		
					N	E	Z	N	E	Z	N	E	Z					
	Hwalien		ep	n. m. s. 51 45.3	μ	μ	μ	μ	μ	μ	s	s	s	m s	134.8 O			
	Tawu		ep	52 26.0												O		
4	Taipei	16	ep	21 12 11.9												O 13.5N 93.2E		
	Taitung		ep	15 55.3												O Andaman		
	Tawu		ep	16 23.2												O Islands		
5	Taipei	27	ip	06 53 32.1	+	21	-	20	+	77	224	313	150	0.6	1.0	1.6	21.0 I	Near 166km
	Hwalien		ip	53 34.2	-	20.6	-	3.8	-	124.0	735	825	276	2.2	2.5	1.6	24.7 I	ENE. of
	Alishan		ip	53 41.3	-	0.7	-	0.7			510	720					31.0 II	Taipei
	Hsinkong		ip	53 41.3	-	16.5	-	25.6	+	55.4	294	733		1.0	0.8		28.3 II	123.1E 25.2N
	Taichung		ep	53 42.4							202	436	200	2.0	2.0	2.7	28.4 I	(H=120)
	Yushan		ip	53 43.1	-	2.5	-	2.2				1330			1.6		30.9 I	
	Taitung		ip	53 47.5	-	89	-	47	+	22.8	349	436	168	2.3	2.3	2.2	35.3 I	
	Penghu		ep	53 48.1													36.9 O	
	Tawu		ep	53 52.2							153	90	85	3.4	3.4	3.8	38.4 O	
	Tainan		ep	53 55.2													36.6 O	
	Hengchun		p	54 00.2	+	8.9	+	3.6	-	10.0	29	19	18			4.0	43.4 O	
	Kaohsiung		p	54 12.0													25.7 O	

Major Earthquakes Occurred in December, 1962

No.	Station	Date	Phase	P. (G. M. T.)	Initial Motion			Maximum Amplitude			Period			P-S	Intensity	Epicenter & Remarks		
					N	E	Z	N	E	Z	N	E	Z					
1	Hwalien	7	ep	n. m. s. 09 40 30.0	μ	μ	μ	μ	μ	μ	s	s	s	m s	555.7 O	38.0N 106.3E		
	Taitung		ep	40 35.8											538.8 O	Central		
	Taichung		ep	45 28.3												O China		
	Taipei		p	45 47.0												O		
2	Hsinkong	7	ep	14 06 42.3												O U.S.C.G.S.		
	Taipei		p	07 04.9											248.1 O	29.2N 139.2E		
	Hwalien		p	07 09.5							96	168	26	4.2	4.4	3.1	3 0.3 O	Bonin is
	Taichun		ep	07 16.3													245.5 O	region.
	Taitung		ip	07 19.5	+	4.5	+	4.3	-	14.9							O	
	Yushan		p	07 19.8													O	

No.	Station	Date	Phase	P. (G. M. T.)	Initial Motion			Maximum Amplitude			Period			P-S	Intensity	Epicenter & Remarks	
					N	E	Z	N	E	Z	N	E	Z				
	Alishan		ep	n. m. s. 07 20.2	μ	μ	μ	μ	μ	μ	s	s	s	m	s	0	
	Tawu		ep	07 21.5	-	-	-	-	-	-	-	-	-	-	-	3 2.1	0
	Tainan		ep	07 26.7	-	-	-	-	-	-	-	-	-	-	-	-	0
	Hengchun		ep	07 30.0	-	-	-	-	-	-	-	-	-	-	-	3 2.0	0
3	Taitung	8	ep	21 46 25.4	-	-	-	-	-	-	-	-	-	-	-	-	0 (d)
	Tawu*		ep	46 29.6	-	-	-	-	-	-	-	-	-	-	-	-	0
	Hwalien		ep	48 32.9	-	-	-	-	-	-	-	-	-	-	-	-	0
4	Tawu	17	ep	11 04 19.1	-	-	-	-	-	-	-	-	-	-	-	-	0 U.S.C.G.S.
	Hengchun		ep	04 25.3	-	-	-	-	-	-	-	-	-	-	-	-	0 2.1N 122.9E
	Taitung		ip	04 30.6	-	-	-	-	-	-	-	-	-	-	-	3 29.9	0 Celebes Lea.
	Hsinkong		p	04 32.4	-	-	-	-	-	-	-	-	-	-	-	-	0
	Alishan		ep	04 34.2	-	-	-	-	-	-	-	-	-	-	-	-	0
	Taitung		ep	04 41.9	-	-	-	-	-	-	-	-	-	-	-	-	0
	Hwalien		ep	04 42.9	-	-	-	-	-	-	-	-	-	-	-	3 37.2	0
	Taipei		ep	04 50.5	-	-	-	-	-	-	-	-	-	-	-	-	0
5	Hwalien	17	ep	17 30 12.6	-	-	-	-	-	-	-	-	-	-	-	6 9.7	0 U.S.C.G.S. 38.0N 106.1E
	Taipei		ep	35 16.3	-	-	-	-	-	-	-	-	-	-	-	-	0 Ningsia province China
	Taichung		ep	35 29.1	-	-	-	-	-	-	-	-	-	-	-	-	0
6	Taipei	21	ep	09 38 41.5	-	-	-	-	-	-	-	-	-	-	-	-	0 U.S.C.G.S. 42.4N 142.3E Near S. coast of Hokkaido Japan
7	Taitung	26	ep	22 34 02.6	-	-	-	-	-	-	-	-	-	-	-	2 56.1	0 U.S.C.G.S. 53.9N 168.7E Komandors- kie Islands
8	Taitung	27	ep	18 24 01.4	-	-	-	-	-	-	-	-	-	-	-	4 24.0	0 U.S.C.G.S. 39.9N 142.0E
	Hengchun		ep	24 11.0	-	-	-	-	-	-	-	-	-	-	-	-	0 Near W. G. Southern Honshu Japan