

Pei-An-Ho, W. of Peiping,
China
λ: 116° 5' 44"; φ: 40° 3' 55"
h: 115m; Foundation: Granite

THE CHIUFENG SEISMIC STATION
of the
GEOLOGICAL SURVEY OF CHINA

Jan-Jun 1935
Ref. 3240
100 kg. horiz.,
100 kg. vert.
Weichert;
Galitzin-Wilip.

Weichert	V	T ₀	ξ	γ/T ₀ ²	Galitzin-Wilip	T ₁	T	μ ²	kA/πl	
Z	--	--	--	--	May 13, '34	Z	11.41	10.27	.001	511
N	106.5	5.01	3.9	.006	Oct. 22, '34	N	11.42	10.97	.009	681
Jan. 16 ^E	102.2	4.91	3.7	.012	Oct. 23, '34	E	11.20	12.30	.011	795

January, 1935 1

No.	Date	Char.	Phase	G. M. T. h m s	T _p s	A μ	Δ km	Remark
1093	1, I	IIIu	iP PcP?E pPEZ sP iMN PP PPP iS iss iss iSSSEN F	13 33 08 29 34 15 49 35 04 36 25 38 01 43 01 45 25 43 39 51 50 16 01 --			84°	condensation Deep focus type. Epc.: 17°S, 174°W (U.S.C.G.S.)
1094	2	0	eEN eLEN MEN F	22 33 01 36.6 38.7 52 --	8			
1095	3	IIIr	P i iS MNZ F	1 55 29 56 32 59 52 2 05.4ca. 3 56 --			2780	dilatation Azi.: 258° Epc.: 31°N, 87°E Southern Tibet. M, Faint, max. amplitude 9.5 cm. Initial uncertain.
1096			(e) eE F	6 58.6 7 02 25 12 --				
1097	4		MEZ F	8 16.6 27 --				Preliminaries in evident.
1098			eL? ME F	10 40.9 46 08 11 05 --	12			
1099		Iu	ePEZ P SEN SSE LZ M1E M2E MZ MN F Overlapped by next quake.	14 52 05 10 15 00 52 04 32 14.2 19 21 23 21 26 24 01 14			7320	condensation
1100		Iu	eP SEN L MN M1Z M1E	16 30 50 39 21 52.6 17 01 01 55 02 00	15 19 20	16 25 21 9	7010	

The Chiufeng Seismological Bulletin (Cont.)

January, 1935

5

No.	Date	Char.	Phase	G.M.T.	Tp	Amu	km.	Remark
1100	4, I		M2Z M2E F	17 04 59 05 02 18 11 --	18 19	14		
1101	5	Cr	eNZ eEN eL M F	10 15.5 22.3 31.1 37.9 11 10 --	17			Clock variation irregular.
1102	6	Cr	eE eS? MEZ F	7 15 37 20 04 26.1 38 --				Initial uncertain.
1103		O	e F	11 24 48 44 --				
1104		O	eEZ ME F	17 57 00 18 05 09 17 --				
1105	8	Cr	ePNZ eS? F	12 56 08 13 00 16 41 --			2590	
1106			M F	17 00.2 06 --				Small
1107	10		eP?NZ MN MZ F	11 31 32 35.3 37.3 52 --				E-comb. lost.
1108	11	Ir	eP ePEZ iSEN LE M F	0 13 02 00 16 52 18 38 22.6 1 04 --			2365	
1109	14	Ir	eP pP iS i ScS _{EN} F	2 11 27 45 17 01 18 21 43 3 06 --			36°	Deep focus type.
1110			MEZ F	22 14.6 25 --				
1111		Ir	eP iS ScS F	22 34 15 39 50 44 33 23 26 --			36°	Deep focus type. Same as No. 1109.
1112	17	Iu	iP iSEZ iSN eLEN F	2 20 12 29 57 30 01 41 0 3 46 --			8490	condensation S-group amplitude larger than surface waves.

The Chiufeng Seismological Bulletin (Cont.)

January, 1935

3

No.	Date	Char.	Phase	G.M.T.	T_p	Amu	km.	Remark
1113	18, I		M F	2 44.0 52 --				
1114		Iv	iP iSE SNZ L M2 ME MN F	17 17 54 21 10 19 24.1 26 05 13 16 18 14 --	14 14 12	23 13 14	1990	condensation Azi.: 146.2° Souther part of Riu-Kiu Islands.
1115		Ir	eP eS?E eLE M F	20 40 24 43 42 45 20 48.7 21 06 --	14		2010	
1116	19		eE M F	11 19 00 26.9 53 --				Uncertain
1117	22		M F	0 43.0 54 --				Initial inevident.
1118		Iu	iP eSN iS eL F	15 05 24 12 12 17 20.0 57 --			5165	condensation Azi.: 135° South of Caroline Islands
1119	23	IIIu	iP PP iSEZ iSN SS?EZ L M1E M1N M2E M1Z M3E M2N M2Z F	7 33 05 35 02 40 18 19 43 53 46.3ca. 49 20 44 52 19 34 57 58 58 06 10 11 18 --	25 24 22 24 16 16 16	63 59 82 56 74 64 109	5055	condensation Azi.: 59.4° Epc.: 50°N, 175°W Aleutian Islands. Off paper on E-side. Off paper on N-side.
1120	26		eL?E M F	7 37 59 42.4 54 --				
1121		Ou	ePNZ eS F	17 50 27 57 35 18 43 --			5520	
1122	27		ePE SEN F	18 29 08 30 32 --			150ca	Local shock.
1123	28		ePneZ PEN	2 15 21 28			150ca	Local shock.

The Chiufeng Seismological Bulletin (Cont.)

January, 1935

4

No.	Date	Char.	Phase	G.M.T.	Tp	Amu	km.	Remark
1123	28, I		SN F	2 16 50 30 --				
1124			e? ME F	9 59 06 10 06 31 33 --				Uncertain, in shallow waves of another quake.
1125	30	Ir	ePNZ eS?NZ eLNZ MZ MN F	0 39 26 42 56 44.6 46 08 11 1 39 --			2145	E-comp. light faded.
1126	31	Or	(e) eSEZ eSN MEN F	12 05 47 10 02 06 13.8 22 --			2680	Initial uncertain.
1127		Iu	iP PcPE PPEN eSEN PS?EN ScSE SSE F	17 56 59 57 45 59 28 18 06 06 35 55 11 05 19 36 --			7720	condensation Azi.: 113.2° Southeast of Gilbert Islands

S. P. Lee, Superintendent
(Absent in Pasadena)

Pan Chia Lin,
Assistant in Charge

February 9, 1935

Pei-An-Ho, W. of Peiping,
China
λ: 116° 5' 44"; φ: 40° 3' 55"
h: 115m; Foundation: Granite

THE CHIUFENG SEISMIC STATION
of the
GEOLOGICAL SURVEY OF CHINA

Instruments: 200 kg. horiz.,
80 kg. vert.
Weichert;
Galitzin-Wilip.

Weichert					Galitzin-Wilip					
V	T ₀	ε	γ/T ₀ ²	T ₁	T	μ ²	kA/πl			
Z	106.8	5.02	3.9	.007	May 13, '34	Z	11.41	10.27	.001	511
N	99.7	4.96	4.1	.011	Oct. 22, '34	N	11.42	10.97	.009	681
E					Oct. 23, '34	E	11.20	12.3	.011	795

February, 1935

No.	Date	Char.	Phase	G. M. T. h m s	T _p s	A μ	Δ km	Remark
1128	3, II	Ir	iP pPEZ sPEZ PPEZ iEZ iS iE iSSNZ F	2 17 30 59 18 10 56 19 29 23 03 37 53			36°	condensation Deep focus.
1129	4		e?NZ eEN ME F	7 56 23 8 03 23 17 19 44 --	18			Initial very small.
1130		Ou	iP eS?EN MEZ F	17 37 23 47 59 18 18.1 19 02 --			9610	condensation Azi.: 116.5° South of Samoan Islands.
1131		Or	iP S F	21 14 51 20 40 22 05 --			4120	dilatation Azi.: 156.5° Southeast off Mindanao.
1132	5		MEZ F	19 13.1 20 --				
1133	7	Ir	iP pP PPP S?EN SSE ME MZ F	17 34 49 35 29 45 39 26 40 38 47 36 49 45 18 48 --	15 14		2955	condensation
1134	9	IIIv	iP iE iS LE ME MN MZ F	19 23 31 26 32 40 27 40 29 00 30 41 47 20 40 --			1910	condensation Azi.: 155.1° Southwest end of Riu Kiu Islands.
1135	10	Iv	eP iS F	18 33.35 35.52 53 --			1365	Time uncertain due to the failure of time marks.
1136		I	e ME F	20 22 32 24 37 50 --				Time uncertain due to the failure of time marks.

The Chiufeng Seismological Bulletin (Cont.)

February, 1935

6

No.	Date	Char.	Phase	G.M.T.	T_p	A_{mu}	km.	Remark
1137	17, II	Iv	e eS?E eLEN MZ ME F	16 16 21 19 32 21.3 23 33 54 57 --	12 10		1935	
1138	19	Ov	e eE i F	7 49 13 50 39 58 8 10 --				Initial uncertain
1139		Ir	P S iEZ LEZ F	20 14 50 18 24 55 20 37 21 12 --			2190	condensation
1140	21	IIv	eE eNZ eSN eSEZ eL ME MN MZ F	18 43 21 24 46 28 35 47.9 48 48 50 00 10 19 25 --	10 7 10	9 5	1890	Initial uncertain
1141	22	Iv	eP SE iN LEZ MZ MN ME F	8 59 18 9 02 32 03 35 04 11 06 31 34 52 10 08 --	12 12 10	17 11 6	1965	
1142		IIIu	eP PPE PPPZ iS iSSEZ ME M1Z MN M2E M2Z M3Z F	17 13 38 15 47 16 40 21 04 24 41 28 16 31 08 32.1 35 20? 37 37 20 21 27 --	20 16 17 14 14 14	102 48 99 54 57 42	5845	Initials on horizontal comp. very small.
1143	23	Ou	ePZ iEN F	3 46 01 55 55 4 47 --				
1144		Iv	P eSEZ L M F	20 56 22 59 30 21 01 03 03.7 40 --			1900	dilatation

The Chiufeng Seismological Bulletin (Cont.)

February, 1935

7

No.	Date	Char.	Phase	G.M.T.	T_p	A_{100}	km.	Remark
1145	24, II	Ou	(e)EZ eEN F	11 13 28 23 58 12 11 --				Followed by shallow waves.
1146	25	Iu	eP iS PSN eSS _{EZ} iEN LEN F	3 02 28 11 23 56 15 43 19 39 23 55 4 10 --			7480	
1147	27	Ir	iP eS eL F	9 16 45 22 35 27.5 10 20 --			4145	condensation Azi.: 146.8° Palau Islands.
1148	28	O	eEZ eEN iE ME F	1 03 54 10 08 13 55 24 48 57 --	13			

S. P. Lee,
Superintendent, (Absent)

Pan Chia Lin,
Assistant in Charge,
March 7, 1935

Pei-An-Ho, W. of Peiping,
China
λ: 116° 5' 44"; φ: 40° 3' 55"
h: 115m; Foundation: Granite

THE CHIUFENG SEISMIC STATION
of the
GEOLOGICAL SURVEY OF CHINA

Instruments: 200 kg. horiz.,
80 kg. vert.
Weichert;
Galitzin-Wilip.

Weichert	V	T ₀	ε	γ/T ₀ ³	Galitzin-Wilip	T ₁	T	μ ²	kA/πl	
Z	--	--	--	--	March 29, '35	Z	11.01	10.31	.002	524
N	102.0	5.19	3.5	.010	March 22, '35	N	11.43	10.95	.007	746
Mar. 15 _E	99.1	5.00	3.5	.011	March 24, '35	E	11.20	10.48	.013	754

March, 1935 8

No.	Date	Char.	Phase	G. M. T. h m s	T _p s	A μ	Δ km	Remark
1149	2, III	II	eE e eNZ i i ME MNZ F	5 57 54 58 08 20 39 59 03 35 6 00.7 41 --		8		May be microseism. Local shock.
1150	3	Ir	eP?EZ iN MN ME MZ F	22 51 34 56 00 23 00 12 01 12 59 15 --				
1151	4		eLE M F	11 16 03 20.8 42 --				Trace of surface waves.
1152		Iv	eEN eN S M MEZ F	16 20 41 22 11 25 03 29 16 30.6 56 --			2755	Initial uncertain.
1153	5	Iu	ePEZ PPEZ SEN eL M ₁ E M ₁ N M ₂ E M ₁ Z M ₂ N M ₂ Z M ₃ E F	10 35 24 37 21 42 31 50.4 54 57 56 41 58 43 46 59 29 11 01 11 34 12 05 --		5	5500	
1154		Ir	iP S iLEN M ₁ N M ₁ E M ₂ N M ₂ M ₂ E F	22 22 12 27 16 30.7 33 45 34 25 35 39 59 36 06 23 52 --			3365	condensation
1155	6		eZ F	7 52 17 8 45 --				Trace

The Chiufeng Seismological Bulletin (Cont.)

March, 1938

9

No.	Date	Char.	Phase	G.M.T.	T ₀	A _{mu}	km.	Remark
1156	7, III	Ir	P iS oL M F	10 30 49 34 17 35.8 38.6 11 26 --	11		2120	dilatation
1157			ePEZ F	17 35 54 18 02 --				Trace
1158	9	Cr	ePEN oS?EN F	3 30 55 34 52 47 --			2455	
1159			e F	13 11 56 15 --				Trace of Surface Waves.
1160	11	Ir	P SE iNZ oL MZ MN ME F	11 25 45 29 04 20 31.0 34 35 38 59 12 22 --	13 13 12	.11 13 7	2020	condensation
1161		Ir	ePN ePEZ e(S)E eNZ eLE M F	19 50 57 51 01 54 18 31 56 30 20 00.1 30 --	13		2045	After shock of No. 1160.
1162	13		(e)EZ eN F	3 25 03 28 47 43 --				Initial uncertain. Very small.
1163		Ou	P oS?E oLEN F	18 47 01 55 03 19 05.0 37 --			6480	Azi.: SE
1164	14		eE ME F	9 21 17 24 15 39 --				Initial uncertain.
1165		Ou	iPE oS?EN oLN M F	15 45 42 56 12 16 13.5 20.4 17 22 --			9445	condensation
1166	16		e? oN F	7 58 33 8 05 02 47 --				Very small.
1167	17	Or	e? M F	20 07 12 15.7 23 --	15			Initial uncertain.

The Chiufeng Seismological Bulletin (Cont.)

March, 1935

10

No.	Date	Char.	Phase	G.M.T.	Tp	Amu	km.	Remark
1168	20, III	Iu	iPZ PP eS?Z iZ eLZ MZ F	23 07 43 09 16 14 27 15 47 21 28 34 07	16		5090	dilatation
F Overlapped by next quake.								
1169	21	Ir	iPZ iS?Z F	0 09 43 14 19 1 08 --			2920	condensation Phases disturbed by coda of previous quake.
1170	27	Ou	(e)?EN SEN F	14 34 16 43 40 15 23 --			8065	
1171		Iv	PEN SEN eLN F	19 22 42 25 58 23 20 57 --			1965	
1172	28	IIv	iPEN SEZ iZ MZ F	23 50 27 52 21 53 47 54 33 0 45 --	8	13	1135	N-comp. lost. M, E-comp. faint.
1173	29		PEN	11 13 57				Local, very small.
1174		Iu	P iS iEN eLN eLZ MEZ F	12 37 33 48 08 46 13 06 11 09 40 21.0 15 23 --			9580	
1175	30	Ou	eP iS F	16 46 48 54 31 17 18 --			6145	
1176		IIr	PEZ iS?N iZ iE LEZ M1N M2N M1E M1Z M2Z M2E F	21 24 13 27 53 28 00 08 29.9 30 57 31 45 33 10 34 11 34 51 36 14 38 08	17 14 12 14 10 8	14 12 7 14 10 8	2255	condensation
1177	31		(e)EN MEN F	3 41 41 33 51 4 15				

The Chiufeng Seismological Bulletin (Cont.)

March, 1935

11

For the readjustment of instruments and the determination of constants recording was stopped entirely for the following hours from March 20th to 29th. Outside of these hours at least one component was recording.

20d, 03h-09h;
21d, 01h-14.4h;
22d, 01h-14.4h;
23d, 01.4h-14.8h;
24d, 12.5h-14.7h;
25d, 21h-26d, 14.5h;
27d, 01h-14.3h;
28d, 01h-13.6h;
29d, 01h-03.6h;
06.7h-10h;

S. F. Lee, Superintendent,
(Absent, in Pasadena)

Pan Chia Lin,
Assistant in Charge.

April 10, 1935

The Chiufeng Seismic Station of the Geological Survey of China begs to acknowledge with thanks the receipt of the following bulletins and publications, from February to April 1935.

- Instituto Geográfico Servicio Sismológico Nov.-Dec., 1933 & Jan.-Feb.
y Catastral, Espana 1934.
- Zürich Schweizerisches Erdbebenbulletin: No. 55, 1934 & No. 56-57, 1935.
"Schweizerischen Erdbebendienstes." von Dr. E. Wanner.
- Taihoku Prel. Report: Jan.-Feb., 1935.
- Riverview Seis. Bulletin: Dec., 1934 & Jan., 1935.
- Georgetown Seis. Bulletin: Dec., 1934 & Jan., 1935.
- Apia Seis. Bulletin: Oct.-Dec., 1934.
- Hongkong Seis. Bulletin: Dec., 1934 & Jan., 1935.
Meteorological Report: Dec., 1934 & Jan., 1935.
- Manila Seis. Bulletin: Dec., 1934 & Jan., 1935.
Special Bulletin: Jan.-Feb., 1935.
- Zi-Ka-Wei Seis. Bulletin: No. 18-20, 1934 & No. 1, 1935.
- Zagreb Seis. Bulletin: April-June, 1934.
- Vladivostok Seis. Bulletin: January, 1935.
- Kew Seis. Bulletin: Dec., 1934 & Jan., 1935.
- Tbro Boletín Mensual Vol. XXV, Num. 4-5-6, 1934.
- Hamburg Seis. Bulletin: Aug.-Dec., 1934.
- Ottawa Seis. Bulletin: Dec., 1934 & Jan., 1935.
"Bibliography of Seismology", Vol. 12, No. 3, July-Sept., 1934.
- Pasadena Seis. Bulletin: Nov.-Dec., 1934.
B. Gutenberg: "On Seismic Waves".
B. Gutenberg: "Advantages of Using Geocentric Latitude in Calculating distances."
Hugo Benioff: "The Physical Evaluation of Seismic Destructiveness."
Halley Wolfe: "A Seismographic Recorder."
B. Gutenberg: "Crustal Deformations of Gradual Type."
B. Gutenberg: "The Propagation of the Longitudinal Waves Produced by the Long Beach Earthquake."
B. Gutenberg: "The Structure of the Earth's Crust as Indicated by Seismological Data."
Harry O. Wood: "Seismological Research in Southern Cal."
B. Gutenberg: "Das 'Seismological Laboratory' in Pasadena."
Hugo Benioff: "A New Electro-Magnetic Seismograph."
- Paris Seis. Bulletin: Nov.-Dec., 1934 & Jan., 1935.
- Strasbourg)
L'Institut)
Union International) Seis. Bulletin: Nov.-Dec., 1934 & Jan., 1935.
Bureau Central)
- Acad. of Sci. U.S.S.R. Seis. Institute Publication No. 47, D. P.
Kirnos et al., "Arbeiten auf Seismischen Prospektion."
- Nanking Seis. Bulletin: Vol. 3, No. 1, July-Sept., 1934.
- Wellington Prel. Earthquake Report for Dec., 1934 & Jan., 1935.
- Hawaii Valcano letter: Oct.-Dec., 1935.
- Wien Seis. Bulletin: No. 7-11, 1934.
- Graz Seis. Bulletin: No. 5-6, 1934.
- Lemberg Seis. Bulletin: No. 2-3, 1934.
- J. S. A. Prel. Bulletin: No. 40, 1934.
- St. Louis Seis. Bulletin: No. 22-23, 1934.
- Florissant Seis. Bulletin: No. 18, 1934.
- Little Rock Seis. Bulletin: No. 7-8, 1934.
- Firenze P. G. Alfani d. S. P.: "Il Vibrografo 'Alfani' (Un Nuovo Tipo di Strumenti Sismici)"
P. G. Alfani d. S. P.: "Il Vibrografo Accelerometrico 'Alfani'."
Seis. Bulletin: Jan.-Feb., 1934 & Oct.-Dec., 1933.
- Osaka Seis. Bulletin: Jan.-March, 1935.
- Tyosen Prel. Bulletin: Oct.-Dec., 1934.
- Batavia Seis. Bulletin: Oct.-Dec., 1934.
- Jena Seismische Registrierungen in Jena, 1934.



Pei-An-Ho, W. of Peiping,
China
λ: 116° 5' 44"; φ: 40° 3' 55"
h: 115m; Foundation: Granite

THE CHIUFENG SEISMIC STATION
of the
GEOLOGICAL SURVEY OF CHINA

Instruments: 200 kg. horiz.,
80 kg. vert.
Weichert;
Galitzin-Wilip.

Weichert	V.	T ₀	ξ	τ/T ₀ ²		Galitzin-Wilip	T ₁	T	μ ²	kA/πl
Z	--	--	--	--	Mar. 29, '35	Z	11.01	10.31	.002	524
N	101.6	5.20	3.4	.009	Mar. 22, '35	N	11.43	10.95	.007	746
April 15 E	98.9	5.00	3.7	.009	Mar. 24, '35	E	11.20	10.48	.013	754

April, 1935

12

No.	Date	Char.	Phase	G. M. T. h m s	T _p s	A μ	Δ km	Remark
1178	1, IV		P F	2 32 29 3 55 --				condensation
1179	2	Ou	P iSEN F	16 36 26 46 53 50 --			9380	condensation Seismogram flat except these two phases of short duration.
1180	3	Iu	ePEZ eLEZ MZ F	6 56 14 7 12.5 17 27 58 --				N-comp. lost.
1181			e?EZ iEZ F	10 10 00 44 18 --				Local shock N-comp. lost.
1182		Ir	ePEZ SEZ iz iz iE F overlapped by	11 18 38 24 02 29 26 38 28 34	15		3700	N-comp. lost. May be initial of another quake.
1183		Iu	ePEZ MEZ F	12 14 26 38.9 13 26 --	18			
1184		Iu	eP? eS iN eZ F	21 01 35 12 02 40 42 26 --			9380	Initial very small in minute mark. Largest amplitude on the records. After shock of No. 1179.
1185		Ou	ePEN eSEN F	3 07 57 18 24 4 23 --			9380	After shock of No. 1179.
1186	9		eEZ e F	8 22 58 26 24 44 --				Trace
1187			e?EZ MZ F	10 09 08 33 54 58 --				Trace
1188			e? eN eN F	20 15 23 20 02 23 01 58 --				Trace
1189			e?Z	23 01 53				Trace



The Chiufeng Seismological Bulletin (Cont.)

April, 1935

13

No.	Date	Char.	Phase	G.M.T.	T _p	Ampl.	km.	Remark
1189	9, IV		GNZ eLZ MNZ F	23 09 09 15 51 21.6 53 --				
1190	10		eLNZ MNZ F	12 49 29 57.0 13 31 --	20			T Trace of surface waves.
1191	11	IIr	eP eS iEZ iLEN MN ME MZ F	1 24 26 29 43 32 08 33.6 38 24 39 00 11 3 06 --	11 10 14	12 8 23	3565	
1192		Ov	eP eSEZ F	15 29 40 32 54 57 --			1965	
1193			eP iSEZ F	17 20 29 45 25 --			120	Small local shock.
1194		IIIu	iPNZ PPNZ iz i SNZ SSNZ LN MIN M2N M1Z M2Z F overlapped by next	23 23 29 25 26 27 57 30 15 48 34 04 38 18 42 14 44 49 46 05 48 26 quake.	10 14 12 11	12 36 18 17	5710	condensation E-comp. lost. Felt in Mazan- deran province, Per- sia. Intensity R.F.X. (Press re- port)
1195	12	I	LNZ MZ F overlapped by next	0 37 09 42 43 quake.	12			Initial buried in coda of No. 1194.
1196		Iu	iEZ eLN MN ME MZ F	1 17 19 31 11 36 29 40 02 15 2 24 --	14 9 10	17		May be not initial Phases confused by coda of previous shocks.
1197		Iu	ePZ MN ME MZ F	12 52 16 13 13 24 15 30 16 08 14 06 --	14 8 11			N-comp. initial lost.
1198			(e)N MN F	19 31 37 43 46 20 03 --	18			Trace of surface waves.
1199			eN e	22 47 44 50 32				Initial uncertain.

The Chiufeng Seismological Bulletin (Cont.)

April, 1935

14

No.	Date	Char.	Phase	G.M.T.	T _p	A _{mu}	km.	Remark
1199	12, IV		i ^e EN M F	22 55 19 23 01.4 45 --				
1200	13		e ^e N F	2 47 54 3 17 --				Trace
1201			e ^e LN F	17 44 54 54 --				Trace of surface waves.
1202	15	Iv	e ^e P S LNZ M F	11 19 29 21(48) 22.7 23.5 54 --			1390	In minute mark.
1203	16		e ^e E e ^e N F	20 45 47 51 21 25 --				Trace
1204	18		e ^e EN F	15 10 29 26 --				Trace
1205			e ^e LNZ F	22 56.-- 23 17 --				Trace of surface waves.
1206	19	III _u	i ^e P PP? ^N i ^e SEN M ₁ N M ₂ N M ₃ N M ₄ N F	15 35 22 38 08 45 13 16 10 42 13 43 16 41 19 29 19 43 --	19 24 20 20	68 116 100 89	8610	condensation Azi.: NW Felt in Malta, South of Italy (Press report). E, Z-comp. M phases faint.
1207		I _u	e ^e PZ S SS? ^N e ^e L? ^N M ₁ N M ₂ N F	20 43 39 53 30 58 38 21 10 42 25 30 29 18 22 31 --	16 16		8610	Initials inevident On E, N, components After shock of No. 1206.
1208	20	I _u	e ^e P PP? i ^e S LN e ^e L M ₁ N M ₁ E M ₁ Z M ₂ Z M ₂ N M ₃ Z M ₂ E M ₃ N F	5 22 48 25 55 32 43 47 39 50.6 58 16 6 02 03 09 03 37 04 11 06 25 08 05 35 7 48 --	14 16 20 18 19 20 17 17		8690	Probably from the same region as No. 1206.
1209		Or	e ^e NZ e ^e Z	11 13 18 18 09				Initial uncertain.

The Chiufeng Seismological Bulletin (Cont.)

April, 1935

16

No.	Date	Char.	Phase	G.M.T.	T _p	A _{mu}	km.	Remark
1220	22, IV	I	eNZ e ME MNZ F	5 08 36 12 23 13 55 15.6 37 --	6			Initial not clear.
1221			M F	18 21.0 34 --				
1222	23	Ir	iP pP iS sS? ^{EN} F	16 50 52 51 12 55 03 43 18 06 --			24°	Deep focus. depth: 0.01 R.
1223	24	Iu	eP? iS eL ME MZ MN F	16 01 48 09 31 19.0 26 10 27 12 28 05 17 25 --	17 16 15		6145	In minute mark.
1224			MN MEZ F	18 02 28 04.0 15 --	13			

 S. P. Lee, Superintendent
 (Absent, in Pasadena)

 Pan Chia Lin,
 Assistant in charge

May 10, 1935



Pei-An-Ho, W. of Peiping,
China
λ: 116° 5' 44"; φ: 40° 3' 55"
h: 115m; Foundation: Granite

THE CHIUFENG SEISMIC STATION
of the
GEOLOGICAL SURVEY OF CHINA

Instruments: 200 kg. horiz.,
80 kg. vert.
Weichert;
Galitzin-Wilip.

Weichert					Galitzin-Wilip					
V	T ₀	ξ	γ/T ₀ ²		T ₁	T	μ ²	kA/πl		
Z	--	--	--	--	Mar. 29, '35	Z	11.01	10.31	.002	524
N	106.5	5.1	5.1	.006	Mar. 28, '35	N	11.43	10.95	.007	746
May 15 E	95.2	5.0	4.8	.011	Mar. 24, '35	E	11.20	10.48	.013	754

May, 1935 17

No.	Date	Char.	Phase	G. M. T. h m s	T _p s	A μ	Δ km	Remark
1225	1, V	IIu	eP eSEN iS L? MIN M1E M2N M2E MZ F	10 34 07 41 40 52 51.2 55 54 56 19 59 09 50 56 12 15 --			5965	Z-comp. time mark lost.
1226	3		eP F	23 51 29 0 17 --				Very small.
1227	4	IIIv	iP S LEN MN F	23 06 18 09 23 10 39 13 16 0 34 --		26	1865	dilatation Azi.: SE Z-comp. time mark lost.
1228	5		e F	18 18 47 19 15 --				
1229	6	Ov	eNZ eN M F	17 44 16 47 49 51.6 18 19 --	10			Initial very small.
1230	7		eL?N MNZ F	3 34 02 39 50 50 --	16			A group of sur- face waves.
1231		Ir	P iSEN L M1Z M2N M2N M2Z F	6 02 21 07 59 12.6 17 16 34 19 39 52 7 17 --	23 21 18 18		3945	condensation Azi.: 158° East off Mindanao.
1232	9	Ir	P eEN S?EN MZ M1N M2N ME F	4 48 16 51 20 47 56 44 49 58 25 59 09 5 48 --	15 12 10		2155	dilatation Azi.: SE
1233		Ov	PEZ	9 20 09			1620	dilatation

The Chiufeng Seismological Bulletin (Cont.)

May, 1935

18

No.	Date	Char.	Phase	G.M.T.	T _p	A _{mu}	km.	Remark
1233	9, V (cont.)		S F	9 22 50 32 --				Small sharp phases with no surface waves following.
1234	10	Ir	ePEN P SN SEZ iZ MNZ F	17 10 13 16 14 31 41 18 01 20.2 18 09 --			2790	In minute mark.
1235	11		(e)NZ iZ iEN F	18 52 31 57 23 26 19 22 --				
1236	12	Or	ePNZ ePE iSEN iEN F	23 55 41 47 0 01 19 06 00 56 --			3945	
1237		I	e?N eL MN MEZ F	5 32 42 39.1 43 05 43.9 6 21 --		13 10		Initial uncertain.
1238		Ou	PNZ eSN eLN MNZ F	19 55 56 20 04 00 13 26 17.2 21 08?--			6320	condensation Time uncertain due to the failure of minute marks.
1239	13	IIIr	iP iSE iSNZ L F	19 58 54 20 03 14 16 05 50 21 54 --			2735	dilatation Azi.: 204° Indo-China. iP. in minute mark. M-phases faint due to large amplitudes.
1240			eZ MNZ F	23 36 27 42.6 overlapped by next quake.		12		Trace of surface waves.
1241	14	Ou	P eSEN MN F	23 56 01 0 06 32 33 26 1 34 --			9465	dilatation Azi.: NW
1242		Iu	iP'NZ eP'E iZ PP PPPZ SKKSZ iSKKS?N SKSPNZ PPS	23 42 42 44 45 58 46 18 49 42 52 56 53 02 56 25 59 02			148°ca.	condensation

The Chiufeng Seismological Bulletin (Cont.)

May, 1935

22

No.	Date	Char.	Phase	G.M.T.	T _p	Amu	km.	Remark
1270	30,V		LEN	21 53 23				
(cont.)			M ₁ N	58 41	20	13mm.		
			M ₁ E	22 00 26	15	10..		
			M ₂ E	02 26	10	10..		
			M ₂ N	04 37	10	10..		
			F overlapped by next quake.					
1271	31	Ir	ez	2 11 29			4665	In coda of the previous shock.
			SEN	17 49				After shock of the same.
			eLN	20 49				
			M ₁ N	28 54	16			
			M ₁ E	32 25	14			
			M ₂ Z	33 37	11			
			F	3 26 --				
1272		IIIv	iP	8 21 36			1465	condensation
			iS	24 03				Azi.: 274°
			F	9 41 --				Kansu
1273		I	(e)N	13 33 39				M-phases faint.
			eL?N	45 23				Initial uncertain.
			M ₁ N	48 37	18			
			F	14 26 --				
1274		I	(e)EZ	17 20 04				Initial uncertain.
			e(L)NZ	35.0				
			M ₁ E	38 34	9			
			M ₁ N	42 20	12			
			F	18 15 --				

S. P. Lee, Superintendent
(Absent, in Pasadena)

Pan Chia Lin,
Assistant in charge

June 9, 1935



Pei-An-Ho, W. of Peiping,
China
λ: 116° 5' 44"; φ: 40° 3' 55"
h: 115m; Foundation: Granite

THE CHIUFENG SEISMIC STATION
of the
GEOLOGICAL SURVEY OF CHINA

Instruments: 200 kg. horiz.,
80 kg. vert.
Weichert;
Galitzin-Wilip.

Weichert	V	T ₀	ε	γ/T ₀	Galitzin-Wilip	T ₁	T	μ ²	kA/πl	
Z	--	--	--	--	Mar. 29, '35	Z	11.01	10.31	.002	524
N	103.2	5.2	3.6	.008	Mar. 22, '35	N	11.43	10.95	.007	745
June 26 E	103.1	5.0	3.8	.010	Mar. 24, '35	E	11.20	10.48	.013	754

June, 1935

23

No.	Date	Char.	Phase	G. M. T. h m s	T _p s	A μ	Δ km	Remark
1275	1, VI	Ir	ePEZ eZ iN L? M F	4 37 59 39 35 48 11 53.3 5 00.8 39 --	10			
1276		Ir	iP iS iScSEN F	14 46 26 51 46 56 44 16 06 --			3635	condensation Z-comp. time mark lost. East off Mindanao.
1277	2	Ir	iP PPEZ iE iSEN iScSN iLEN MN MZ ME F overlapped by next	9 24 13 25 43 30 06 32 34 19 36.9 42 56 43 10 32 F overlapped by next	7 11 11 11	12 10 7	4655	condensation Azi.: NW
1278			L M ₁ N M ₂ N MZ ME F	10 09.0 12 13 13 33 14 32 35 11 47 --	18 16 18 16	12 11 19 8		Initial buried in coda of the previ- ous shock.
1279		I	eP M F	17 00 05 07.4 34 --				
1280	3	O	P F	2 39 37 3 12 --				condensation
1281	7	Iv	eP eSE eLE eNZ iN M F	2 54 48 57 54 59 27 40 3 00 07 01.9 49 --	10		1880	Very short periods.
1282	8		(e)Z MN MZ F	22 58 55 23 05 39 10 12 44 --	19 13			
1283	9	Ir	P	6 40 02			3145	condensation

The Chiufeng Seismological Bulletin (Cont.)

June, 1935

24

No.	Date	Char.	Phase	G.M.T.	T _p	A _{mu}	km.	Remark
1283	9,VI		iSE F	6 44 52 8 25 --				Seismogram similar to No. 1258, May, 1935.
1284			ePEN SE iN F	23 55 12 36 50 0 06 --			150ca.	Local shock. Z-comp. lost.
1285	10	Or	eP eS eLNZ MN MZ F	6 56 42 7 00 20 02.0 03 37 05 08 40 --			2235	
1286			(e)NZ ON i(M)EN F	16 19 49 20 01 21 30 --				Small local shock.
1287	11		eEN eMN F	22 18 49 23 04 43 0 20 --				Trace Z-comp. lost.
1288	14	Ir	eP eS L F	21 19 13 22 36 24 28 22 03 --			2065	
1289	16	Ir	P iEZ S iEN eLEN MN F	6 27 57 33 07 34 30 35 32 41.2 48 35 7 20 --			4900	condensation
1290	18		MNZ F	7 20.7 35 --				
1291			e MN F	16 56.1 59 58 17 13 --				14
1292		Ir	eP iZ SNZ SE SSE LE MN ME F	22 33 41 36 37 38 24 28 39 26 41 16 42 21 45 08 1 14 --			3045	
1293	19	Ou	ePEN SEN eLEN MN F	22 35 39 34 18 45.7 47 39 0 06 --			7135	Z-comp. lost.
1294	22	Iu	eP iSEN	15 56 58 16 03 40			5055	

The Chiufeng Seismological Bulletin (Cont.)

June, 1935

25

No.	Date	Char.	Phase	G.M.T.	Tp	Amu	Km.	Remark
1294	22, VI (cont.)		LE LN M1N ME M2N F	16 09 19 10 34 19 12 23 04 25 17 17 58 --				
1295	23	I	(e)EN e iEN MZ ME F	7 18 12 22 12 24 30 27 28 32 8 16 --				Initial uncertain.
1296		Iu	eP SN F	15 25 04 34 41 16 28 --			8335	
1297	24		en F	11 44 58 12 12 --				Trace of surface waves.
1298		IIIu	eEN iPEN pPE sPE iSE isSE iSSEN iLE F	23 34 30 35 35 08 20 41 13 42 10 43 52 48 53 3 ? --			470	Small Z-comp. lost. Deep focus.
1299	25		(e)Z e MN F	11 59 55 12 04 17 09 10 overlapped by next				quake.
1300		IIIr	P iP iSE iSN iSSE LE M1E M2E F	12 39 05 11 43 40 41 44 49 46 32 49 15 54 28 15 18 --			2935	dilatation
1301	27		en MNZ F	17 57 58 18 03.3 17 --				Initial uncertain.
1302	28	Ou	eP iPPZ ePPEN iSKISE MZ F	2 20 33 25 36 43 32 28 47 15 4 32 --			1260ca.	
1303		Ir	PZ iNZ iSNZ LNZ	19 02 22 40 05 57 07.8			2090	condensation Initial preceded by coda of an un-significant shock.

The Chiufeng Seismological Bulletin (Cont.)

June, 1935

26

No.	Date	Char.	Phase	G.M.T.	T _p	A _{mu}	km.	Remark
1303	28, VI (cont.)		MZ F overlapped by	19 11 36	11			small insignificant quakes.
1304	29	IIu	eP PP PPP SKSEN SKKSE S?EN PS iZ eLEN M1N M1E M2N Mz M2E F	7 03 30 08 07 10 30 14 07 15 03 46 17 41 18 05 42.7 31 21 52 06 8 02 25 47 03 31 9 53 --			114° ca.	
1305			i(M)E	19 03 41				
1306		Or	ePE eL?E F	8 23 34 33 05 9 08 --				
1307	30		ME	9 59 43				
1308			eE F	18 17 37 36 --		13 26 24		

S. P. Lee, Superintendent
(Absent, in Pasadena)

Pan Chia Lin,
Assistant in Charge

July 7, 1935

The Chiufeng Seismic Station of the Geological Survey of China beg to acknowledge with thanks the receipt of the following Bulletins and publications, from April to July 1935.

- J. S. A. Prel. Bulletin: Earthquake of June 29 1934.
Prel. Bulletin: No. 41-43 1934, & No. 1-8 1935.
- Hongkong Seis. Bulletin: Feb.-June 1935, & Meteorological report Feb.-April 1935, & Magnetic Results, 1934.
- Kew Seis. Bulletin: Feb.-May 1935.
- Taihoku Seis. Bulletin: Mar.-June 1935.
- Melbourne Seis. Bulletin: Oct.-Dec. 1934, & Jan.-March 1935.
- Riverview Seis. Bulletin: Feb.-May 1935.
- Manila Seis. Bulletin: Feb. May 1935, & Special Bulletin Mar.-June 1935.
- St. Louis Seis. Bulletin: for 1934 Jan.-June (Print).
- Florissant Seis. Bulletin: Dec. 1934, Jan. & March 1935.
- Little Rock Seis. Bulletin: Nov.-Dec. 1934, Jan.-March 1935.
- Uccle Bulletin Séismique: Aug.-Dec. 1934.
- Oosaka Seis. Bulletin: Oct.-Dec. 1933 (Print).
Seis. Bulletin: No. 175-177 1935.
- Pasadena Seis. Bulletin: Jan.-April 1935.
- Ottawa Seis. Bulletin: Feb.-April 1935.
Bibliography of Seismology No. 4 Oct. Nov. Dec. 1934.
- U.S.C.G.S. Seismograph Report: Jan.-June 1934.
- Instituto Geográfico y Catastral Servicio Sismológico: Mar.-April, '34.
- Georgetown Instrumental Bulletin: Feb.-May 1935.
- Tokyo Japanese Journal of Astronomy & Geophysics Vol. XII No. 2 & No. 3.
Über Schattenwellen und Kernwellen² von Takeo Matuzawa.
Seismometrische Untersuchungen des Erdbebens vom 2. März 1933.
I. Bestmmung des Herdes. von Takeo Matuzawa.
Crustal Deformations Associated with the Dewa Earthquakes of 1804 and 1894 as Revealed Through the Revisions of Precise Levels. by A. Imamura.
- Toledo Datos Sismicos de la Peninsula Iberica 3.^{er} Trimestre de 1934.
- Aoad. of Sci. U.S.S.R. Seis. Institute Bulletin des stitions Séismiques Régionales de la Crimée 1932, & 1-2 Jan.-Dec. 1933.
Bulletin des Stitions de I-^e Classe du Réseau Séismique de L'URSS No. 2-8 & 10 1934.
The Problem of propagation of Plastic State. by S. Sobolev
- Zi-Ka-Wei Seis. Bulletin: No. 2-7 1935.
- Hukuoka Seis. Bulletin: 1934 (Print).
- Wellington Prel. Bulletin: Feb.-May 1935.
- La Plata Seis. Bulletin: Sept.-Dec. 1934, & Jan.-April 1935.
- Cartuja Seis. Bulletin: April-Nov. 1934.
- Batavia Volcanic Phenomena during the Months of July, Aug., & Sept 1934.
Seis. Bulletin: Jan.-March 1935.
- Tananarive Seis. Bulletin: Sept.-Dec. 1934.
- Zürich Seis. Bulletin: Marz.-April 1935.
- Strasbourg Seis. Bulletin Feb.-April 1935.
- La Paz Seis. Bulletin: Jan.-June 1934.
- Copenhagen Seis. Bulletin: Oct.-Dec. 1932, & Jan.-Sept. 1933.
- Apia Seis. Bulletin: Jan.-March 1935.
- Työsen Seis. Bulletin: Jan.-March 1935.
- Göttingen Seis. Bulletin: Oct.-Dec. 1934.
- Kobe Seis. Bulletin: Jan.-Mar. April-June, Vol. X. No. 1 & 2 1934.
- Ebro Boletin Mensual del Observatorio del Ebro Vol. XXV. No. 7,8,9, '34.
- Vladivostok Seis. Bulletin: Feb. April-May 1935.
- Nanking Seis. Bulletin: Jan.-Mar. 1935 Vol. 3. No. 3.
- Instituto Geográfico y Catastral Servicio Sismológico May & June 1934
- Zagreb Seis. Bulletin: July to Sept. 1934.
- Denver Seis. Bulletin: July to Dec. 1934.
- Trieste Seis. Bulletin: April to Dec. 1934.

Pei-An-Ho, W. of Peiping,
China
φ: 40°3'55" N, λ: 116°5'44" E
h: 115m; Foundation: Granite

THE CHIUFENG SEISMIC STATION
of the
GEOLOGICAL SURVEY OF CHINA

Instruments: 200 kg. horiz.,
Aug-Dec 1935 g. vert.
chert;
Galitzin-Wilip.

Ref. 3242

Weichert	V	T ₀	ξ	γ/T ₀ ²	Galitzin-Wilip	T ₁	T	μ ²	kA/πl	
Z	---	---	---	---	Mar. 29, '35	Z	11.01	10.31	.002	524
N	103.1	5.2	3.5	.012	Mar. 22, '35	N	11.43	10.95	.007	746
Aug. 15 E	101.4	5.0	3.5	.010	Mar. 24, '35	E	11.20	10.48	.013	754

August, 1935

34

No.	Date	Char.	Phase	G. M. T. h m s	T _p s	A μ	Δ km	Remark
1376	1, VIII		MN F	5 24 45 35 --				Similar to No. 1354.
1377		IIr	iP iSEN iSZ LFN ME M1N M2N M3N MZ F overlapped by next quake.	14 12 38 17 31 38 20.5 23 07 24 34 26 25 28 43 46 14	15 16 13 14 14	12 10 9 10 11	3190	condensation, iP in time mark. Azi.: 150.7° East of Philippine Islands.
1378			eLN eLZ M1NZ M2NZ F	17 09 07 12 47 25.9 30.1 18 40 --	22 16			E-component confused.
1379	2		MN	8 26 02				Similar to No. 1354.
1380			(e)NZ e MN F	10 15 11 19 54 31 14 11 24 --	14			Movements small and indefinite.
1381			MN	12 58 06	10			Similar to No. 1354.
1382	3	IIIr	P iE iN iSEN iSS?E iL M F	1 17 36 19 23 30 23 43 26 27 28 52 36 23 5 12 --			4445	condensation Epc.: 5°N, 96°E U.S.C.G.S.
1383			eNZ eN e(S)N F	9 58 31 10 00 09 04 41 34 --			4510	M from Wiechert Out of limit on all Galitzin components
1384		Ir	PEN iSEN iN LN ME MN F overlapped by next quake.	11 51 28 56 21 58 09 59 13 12 02 07 05 05 13	12 13		3190	Z-component lost. May be after shock of No. 1377.

The Chiufeng Seismological Bulletin (Cont.)

August, 1935

38

No.	Date	Char.	Phase	G.M.T.	T_p	Ampl.	Len.	Remark
1418	25, VIII (cont.)		iNZ eLNZ MN MZ F	5 29 35 35.1ca. 43 34 40 7 03 --	15	52		
1419	26	IV	P SEN iN L?E MZ ME MN F	16 35 28 38 36 39 04 35 43 10 20 49 15 17 23 --	13 12	14 10	1900	condensation Azi.: SW
1420	27	IV	ePEZ SE L?E ME MZ F	5 25 38 28 47 29 46 33 11 13 6 03 --	12 12		1910	Masked by micro. Similar to No. 1418.
1421		I	eP iS F	7 28 03 30 10 37 --	5		1265	Initial of N-comp. inevident. Deep focus type.
1422		Ir	ePEZ eS?E MZ ME F	14 34 59 38 54 43 21 37 15 06 --	18		2435	Small on N-comp.
1423	30	Ir	ePNZ eSN eS?Z MZ F	0 24 19 28 51 29 05 34 45 1 21 --			2880	E-component lost.
1424	31	O	PNZ MZ F overlapped by next quake.	17 22 27 36 36 --	15			condensation E-component lost.
1425		Ir	iPNZ iSN iSZ LNZ M1Z MN M2Z F	17 45 22 49 56 50 07 52.4 55 47 56 30 57 05 18 34 --	17 16	16 18	2920	E-component lost.

S. P. Lee, Superintendent
(Absent)

Pan Chia Lin,
Assistant in Charge,

September 7, 1935



Pei-An-Ho, W. of Peiping,
 China
 ϕ : 40°3'55" N, λ : 116°5'44" E
 h: 115m; Foundation: Granite

THE CHIUFENG SEISMIC STATION
 of the
GEOLOGICAL SURVEY OF CHINA

Instruments: 200 kg. horiz.,
 80 kg. vert.
 Weichert;
 Galitzin-Wilip.

Weichert	V	T ₀	ξ	τ/T_0^2		Galitzin-Wilip	T ₁	T	μ^2	kA/ πl
Z	--	--	--	--	Mar. 29, '35	Z	11.01	10.31	.002	523
N	106.7	5.1	3.2	.012	Mar. 22, '35	N	11.43	10.95	.007	746
Sept. 15	101.8	5.0	3.3	.012	Mar. 24, '35	E	11.20	10.48	.013	754

September, 1935

39

No.	Date	Char.	Phase	G. M. T. h m s	T _p s	A μ	Δ km	Remark
1426	2, IX	Ou	iP S _{EN} eL eLZ MNZ F	7 24 44 32 11 40.7 41 37 46.5 8 34 --	18		5855	condensation Azi.: 215.5° Epc.: 6°S, 88.5°E.
1427	3	Iv	eP eS _{EN} eL _{EN} M F	11 00 30 03 41 04.8 08.2 12 02 --	12		1935	
1428	4		e	1 37 16				Trace of small vibrations.
1429		IIIr	iPNZ iPE iS _{EN} LN M F overlapped by next quake.	1 41 53 56 45 25 46 51 49 45			2165	dilatation Phases after F from Weichert. Large and faint on all Galitzin comp.
1430		IIIr	iP SE iSN (S)Z L _{EN} MN F	3 32 18 35 39 51 36 00 37.1 40 23 5 28 --	12	55	2045	condensation Azi.: SE M phases faint on N, Z components.
1431	6	Or	ePEZ SE MNZ F	21 19 26 24 01 30.4 22 00 --			2935	
1432	7		e?Z M F	18 03 34 08.1 15 --				Microseisms high on horizontal comp.
1433			MNZ F	9 53.5 10 07 --				
1434			(e)N MN F	17 09 58 24 02 18 04 --				
1435	9		eL MN F	5 20.8 21 53 39 --				
1436		IIr	P	6 19 21			4265	dilatation

The Chiufeng Seismological Bulletin (Cont.)

September, 1935

40

No.	Date	Char.	Phase	G.M.T.	T _p	A _{mu}	km.	Remark
1436	9, IX (cont.)		PPE iS iN iE iLEN M _N F	6 20 38 25 18 26 57 27.0 31 23 34 39 9 52 --				Azi.: SE
1437	11	Ou	ePZ SKSEN iS F	11 58 43 12 09 18 10 07 13 55?--	12	30	10790	
1438		IIIr	iP pPE iN iSEN L?EN F	14 09 05 43 10 14 13 10 14 47 18 30 --			24.5°	In time mark. Azi.: 66° Kurile Islands. Deep focus. Depth.: 0.025 R. Phase after F
1439	12		iPEZ eS iSN F	16 12 56 22 26 35 45 --			8190	from Wiechert. Large & faint on all Galitzin components. condensation Initial of N-comp. inevident. Small shock.
1440	14	Or	ePEZ eSN F	8 33 01 37 00 51 --			2480	
1441		Or	ePEZ eSE M F	14 24 02 27 44 32.7 52 --			2280	
1442	15	Iu	iP iSEN iN LN LEN M ₁ Z M ₁ N M ₂ N M ₂ Z ME F	11 24 59 32 46 33 01 40 52 42 47 45 28 34 49 32 51 16 28 13 21 --			6210	condensation Azi.: 139.6° Southeastern off New Guenia.
1443		Iu	P' EZ PPEZ iPSKEN iPPP SKSE SKKS?N SKKSE iEN SKSPN iE iSSN LN LEZ	14 28 31 31 13 32 04 34 15 35 51 38 01 16 40 12 41 15 45 08 49 21 15 04 29 13.1			135°ca.	
					20 20 18 15 17	22 24 21 15 10		
					48 24			

The Chiufeng Seismological Bulletin (Cont.)

September, 1935

No.	Date	Char.	Phase	G.M.T.	T _p	A _{mu}	km.	Remark
1443	15, IX (cont.)		M1Z MN M1E M2Z M2E M3Z F	15 19 47 21 16 23 22 24 29 54 50 26 21 16 53 --	21 19 21 18 20 18	14 14		
1444	16		eE iE iN M F	14 53 33 57 30 40 15 03.5 50 --				Small
1445	18		ePZ iEN eLZ F	5 17 12 20 42 6 14 16 57 --				Very distant quake. The only prominent phase.
1446		Ir	iPEZ PPE iS iEZ LN MN ME MZ F overlapped by next quake.	8 28 24 45 32 05 57 33 43 35 22 25 36 28	15 16	30 14	2265	condensation Initial of N-comp. confused by micro.
1447		Ir	iP? iS?N M F	8 54 41 58 17 9 02.5 49 --			2210	dilatation Preliminaries buried in coda of the previous.
1448		Ir	PEZ eSEN MEZ F	20 13 50 17 34 22.1 56 --			2300	condensation
1449	19	Iu	P eSEZ SN eL M1E MN MZ ME F	2 36 00 43 50 58 52.4 58 13 3 00 33 02 22 26 4 17 --	21 16 17	8 17	6265	dilatation Azi.: SE
1450	20	IIIu	iP iN SN MN MZ F overlapped by next quake.	1 55 29 2 01 25 02 50 15 55 16 01 5 31 58 39 15 8 15 --	21 20	5mm.	5755	condensation Azi.: 133.3° North off New Guen. Phases after P from Wiechert. Large & confused on all Galitzin comp.
1451		IIIu	iP eS?N F	5 31 58 39 15 8 15 --			5680	condensation Azi.: SE Phases after P confused on all Galitzin components

The Chiufeng Seismological Bulletin (Cont.)

September, 1935

42

No.	Date	Char.	Phase	G.M.T.	T _p	A _{mt}	km.	Remark
1452	20, IX	Ou	P SE SN F	20 15 05 22 35 37 48 --			5910	Initial of E-comp disturbed by micro.
1453		Iu	iP iEN S?N iE MN ME MZZ F	21 13 02 15 54 19 58 20 31 28 53 29 20 58 17 ? --			5310	condensation Azi.: 141.3° North off New Guenia.
1454	23		eP?Z eS?N F overlapped by next quake.	9 11 09 18 20			5580	Masked by micro.
1455		IIu	iP iSEN ScSN L MN F	9 27 11 34 22 37 05 41.8 47 48 13 59 --			5580	condensation Azi.: SE After shock of No. 1454.
1456	24	Iu	P iSEN LEN F	5 09 57 17 05 24.3 6 03 --			5520	condensation Deep focus type.
1457		Ir	eP?EZ SN LN MN F overlapped by next quake.	16 42 50 46 30 48 09 51 22			2255	Masked by micro- seisms.
1458		Ir	ePZ eSN LN MN MZ F	16 59 05 17 02 24 04 06 07 36 08 38 32 --			2020	
1459		Iu	PNZ SEN MN MZ ME F	22 23 52 33 24 56 30 58 30 34 0 28 --			8220	dilatation, masked by microseisms.
1460	25	Iu	iP PPEZ iSEN ScSEN L MN F	10 28 29 30 17 35 34 38 18 42.6ca. 48 33 11 58 --			5465	dilatation Azi.: SE
1461		Ou	P?NZ SN F	12 39 26 28 13 31 --			5410	dilatation

The Chiufeng Seismological Bulletin (Cont.)

September, 1935

43

No.	Date	Char.	Phase	G.M.T.	T _p	A _{mu}	km.	Remark
1462	26, IX		(e)Z eL F	22 36 45 23 19.6 0 16 --				Very distant quake.
1463	27		eP? F	3 33 50 4 39 --				Small
1464			e?NZ iE F	17 12 19 17 00 18 29 --				Small
1465	29	Or	(e)Z iN iEZ F	6 47 10 52 01 13 7 26 --				
1466		I	PnN P iZ iNZ Sn?EZ S MNZ F	12 46 46 58 47 04 14 88 33 48.4 13 02 --	8		310	Local shock.
1467	30	Or	eP?EZ iN eSEZ iEN MZ ME F	0 11 23 12 04 14 55 15 46 19 24 21 12 37 --			2165	Initial on N-comp. disturbed by micro.
1468		Iu	iPNZ SN ME MN MZ F	19 10 03 17 38 34 57 35 21 47 20 12 --	12 14 14		6000	dilatation Preliminaries on E-component lost.
1469		O	eZ eE MN MZ F	23 55 37 0 01 23 11 57 12 11 50 --				

 S. P. Lee, Superintendent
(Absent)

 Pan Chia Lin,
Assistant in Charge

October 7, 1935



Pei-An-Ho, W. of Peiping,
China
φ: 40°3'55" N, λ: 116°5'44" E
h: 115m; Foundation: Granite

THE CHIUFENG SEISMIC STATION
of the
GEOLOGICAL SURVEY OF CHINA

Instruments: 200 kg. horiz.,
80 kg. vert.
Weichert;
Galitzin-Wilip.

Weichert	V	T.	ε	γ/T. ²		Galitzin-Wilip	T ₁	T	μ ²	kA/πl
Z					Mar. 29, '35	Z	11.01	10.31	.002	524
N					Mar. 22, '35	N	11.43	10.95	.007	746
E	103.1	5.2	3.3	.007	Mar. 24, '35	E	11.20	10.48	.013	754
Oct. 16	100.8	5.0	3.5	.013						

October, 1935

No.	Date	Char.	Phase	G. M. T. h m s	T _p s	A μ	Δ km	Remark
1470	1,X		(e)N eE F	3 35 36 42 25 4 19 --				Trace
1471			ME MN F	6 27 25 36 47 --	14 11			
1472	2	IIr	iPEN iSN MN F	5 38 01 42 10 47.7 8 10 --			2620	Time mark lost. Z-comp. lost. S-group amp. about 99mm. while M-group amp. only 50 mm.
1473			iEN F	9 33 56 43 --				
1474	4		eZ F overlapped by next quake.	5 15 10				
1475		Ir	P iZ i ^W EN iE iScSEN F	5 21 49 23 24 26 51 27 17 31 26 6 15 --			3335	dilatation Azi.: SE Deep focus type
1476			MN ME MZ	15 16 24 18 37 19 18	16 14			
1477		I	eZ iN MZ F	20 58 33 39 21 00 06 07 --	10			
1478	6	Ou	ePZ SKSEN iSKSEN SE F	4 48 18 58 25 29 59 17 6 11 --				Initials of E- & N-comp. uncertain. Surface waves poorly developed.
1479		Ir	ePEZ SN i(M) MN MEZ M2Z F	14 49 57 53 47 56 28 57 01 57.7 59 34 15 32 --	11 11 7	5	2365	
1480	8	IIr	eEZ iEZ eE	9 25 59 28 03 31 33				Initial uncertain. Seismogram peculiar may be two

The Chiufeng Seismological Bulletin (Cont.)

October, 1935

45

No.	Date	Char.	Phase	G.M.T.	T_p	A_{mu}	km.	Remark
1480	8, X (cont.)	I Ir	eNZ iE i(M) MZ MN ME F	9 31 49 35 16 38 15 42 20 46 43 03 11 04 --				earthquakes.
1481	9	Iu	eZ eSE eSN eL?E ME MZ MN F	22 19 06 28 33 35 41 57 46 39 52 32 38 23 47 --				Initial masked by microseisms.
1482	10	O	PEZ iZ i F	12 39 02 41 06 48 54 13 45 --				dilatation
1483		I	eP iE F	20 13 22 19 16 21 42 --				In minute mark.
1484	11	O	PZ iN F	4 26 58 33 40 5 05 --				condensation
1485		Iu	P SN iSNZ iSE iEN LNZ M1N MZ M2N ME F	22 26 49 33 58 34 04 09 36 54 42.5 45 30 48 37 41 49 04 0 ? --			5535	condensation Time mark lost.
1486	12	IIIr	P iSN LEN LZ	16 49 59 53 48 55 12 56 02				condensation Azi.: NE
1487		I	iPEZ S?Z S?E F	18 18 51 22 39 47 20 55 --				M large and faint on all Galitzin components. F overlapped by next quake.
1488	13	Ir	iP SZ iSEN L MN MZ	2 02 07 06 05 10 08.7 10 43 12 12			2345 2465	condensation Phases disturbed. condensation Azi.: 65.2° La Porouse Strait.

The Chiufeng Seismological Bulletin (Cont.)

October, 1935

47

No.	Date	Char.	Phase	G.M.T.	T _p	A _{mu}	km.	Remark
1497	18,X		MZ M2N F	11 25 01 27 ca. 14 26 --	18	41mm. 79 "		
1498		Iir	iP iS iN LEN M1Z MN M2Z F	14 57 35 15 01 24 03 37 03 35 05 29 06 23 07 47 18 12 --	18	24mm. 55 " 76 "	2355	condensation Azi.: 65.9° La Perouse Strait.
1499		Ir	iPNZ SN SZ MNZ MN MZ F	21 55 08 53 52 59 00 22 00.8 02 37 05 01 23 36 --	14 13	19mm. 10 "	2300	condensation E-comp. initial lost. Time approx- imate due to fail- ure of time marks.
1500	19		eLEN MEZ MN	5 32.1 40.5 42 20	15 16			
1501		0	ePNZ S F	20 32 24 36 02 48 --			2235	
1502	20		(e)Z e ME MNZ F	5 00 50 08 10 21 38 27.7 6 15 --				Very small quake. G-W constants: Comp. N-S E-W Date 22, X 24, X T ₁ 11.37 11.20 T 11.63 10.26 R ² +.019 -.026 kA/πl 732 754
1503	25		ePEZ iE F	0 06 06 16 35 1 -- --				
1504		Iir	eEZ eS iE eL? ME M ₂ MZ F	17 43 06 47 06 21 49.9 52 08 08 08 18 32 --	10 11 11	38mm. 24 " 45 "	2490	Initial uncertain.
1505	26		eZ eE F	21 36 05 22 22 10 --				Very small and indefinita.
1506	27		MN F	7 14 00 42 --				
1507	28	Ir	(e)N eN eLN MN MZ F	12 20 41 24 00 25 39 29 38 30 27 48 --	14 10			Initial uncertain.

The Chiufeng Seismological Bulletin (Cont.)

October, 1935

48

No.	Date	Char.	Phase	G.M.T.	T _p	A _{mu}	km.	Remark
1508	30,X	0	GE iNZ MN MZ F overlapped by	2 08 50 12 41 14 34 17 20	14 12			next quake.
1509		I	GEZ iN LEN MN MZ ME F	2 39 38 46 42 29 43 53 44 54 55 3 06 --	10 8 8	11mm.		May be not initial.
1510	31	Iu	eP? eLEN MN ME MZ F	19 00 44 20 35 30 18 32 13 35 22 20 21 --	15 16 16			
1511		Ou	eP SE iN F	23 03 54 10 36 45 56 --			5055	

Recording was stopped on: Oct. 17d, 9.7h-12.3h; 18d, 14.4h-18.6h; 19d, 8.5h-11.3h; 22d, 14.2h-16.1h; 23d, 14.3h-17.5h; 24d, 8.9h-11.6h, 14.1h-22.4h; 25d, 9h-17.5h; for the readjustment of instruments and the determination of constants.

S. P. Lee, Superintendent
(Absent in Germany)

Pan Chialin,,
Assistant in Charge,
November 8, 1935

The Chiufeng Seismic Station of the Geological Survey of China beg to acknowledge with thanks the receipt of the following bulletins and publications, from August to October 1935.

Kobe Seis. Bulletin: Vol. X No. 2, 1934 (Printed).
 Ksara Bulletin Seismique: May-July, 1935.
 La Plata Boletin Sismológico: April-July, 1935.
 Vladivostok Seis. Bulletin: June-July, 1935.
 Ottawa Seis. Bulletin: May-July, 1935.
 Bibliography of Seismology Vol. XII No. 5, Jan.-Mar., '35.
 Hongkong Meteorological Report: June, 1935.
 Seis. Bulletin: July-Sept., 1935.
 Zi-Ka-Wei Bulletin Seismique: No. 8-10, 1935.
 Pasadena Seis. Bulletin: May-July, 1935.
 Wellington Seis. Reports for Jan. to June, 1933.
 Seis. Bulletin: June-Aug., 1935.
 Bulletin No. 93.
 L. Bastings, "A new type of Seismological table for distant Earthquake."
 L. Bastings, & R. C. Hayes, "Earthquake distribution in New Zealand, 1848-1934."
 "Seismology in New Zealand."
 R. C. Hayes, "The Focal Depth of the Pacific Earthquake of September 6th, 1933."
 L. Bastings, "Shear Waves through the Earth's core."
 Hamburg E. Tams, "Seismische Bodenimruhe in Hamburg und Ortlicher Sturm."
 Seis. Bulletin: No. 1-10, 1935.

(Continued)

- Bergen Bulletin Séismique: 1934 (Printed).
 Georgetown Seis. Bulletin: June, 1935.
 Riverview Seis. Bulletin: June-July, 1935.
 Toledo A. Rey Pastor, "Carta de Sismicidad del Globo para el periodo 1899-1930."
 Strasbourg Seis. Bulletin: May-July, 1935.
 Instituto Geográfico y Catastral Servicio Sismológico: No. 120-121, July-Dec., 1934.
 Göttingen Seis. Bulletin: Jan.-March, 1935.
 Cartuja Boletín Sismico: Dec., 1934, & Jan.-March, 1935.
 Resumen del Boletín Meteorológico de 1932.
 Boletín Meteorológico del Observatorio Geofísico de Cartuja, Granada. AÑO 1932.
 U.S.C.G.S. Seis. Report: July-Sept., 1934.
 Reykjavik Seis. Bulletin: Jan.-Dec., 1934.
 Thorkell Thorkelsson, "Frequency distribution of Macro-seisms at Reykjavik Since 1800."
 Uccle Seis. Bulletin: Jan-April, 1935.
 Kew Seis. Bulletin: June-Aug., 1935.
 J. S. A. Prel. Bulletin: No. 9-23, 1935.
 St. Louis Seis. Bulletin: April-July, 1935.
 Apia Seis. Bulletin: April-June, 1935.
 Zürich Seis. Bulletin: June-Sept., 1935.
 Florissant Seis. Bulletin: April-July, 1935.
 Taihoku Seis. Bulletin: July-Sept., 1935.
 Manila Seis. Bulletin: June-Aug., 1935, & Special Bulletin: July-Sept., 1935.
 Hawaii The Volcano Letter, Jan.-April, 1935.
 La Paz Bulletin Séismique: No. 23-44 June-Nov., 1934.
 Wien Seismische Aufzeichnungen: Dec., 1934, & Jan.-March, '35.
 Graz Seismische Aufzeichnungen: Jan.-June, 1935.
 Lemberg Seismische Aufzeichnungen: Jan.-April, 1935.
 Tyosen Seis. Bulletin: April-June, 1935.
 Melbourne Seis. Bulletin: April-June, 1935.
 Trieste Seis. Bulletin: Jan.-March, 1934.
 Barcelona Section Meteorológica y Sismica del Observatorio Fabra-Boletín No. 23.
 Eduard Fontserè, "Nota sobre la Profunditat dels Seismes Catalans."
 Seis. Bulletin: June-Dec., 1934.
 Batavia Seis. Bulletin: April-June, 1935.
 Nanking Seis. Bulletin: Vol. 3, No. 4, April-June, 1935.
 Little Rock Seis. Bulletin: March-June, 1935.
 Karlsruhe Seis. Bulletin: Jan.-June, 1935.
 Königsberg Erdbebenregistrierungen, 1931.
 Acad. of Sci. U.S.S.R., Seis. Institute Publication No. 50-52, 54-58, 66, & 68-69.
 Bulletin des Stations de I^o Classe du Réseau Séismique de L'URSS, No. 9 & 11-12, 1934, No. 1-3, 1935.
 Bulletin du Réseau Séismique Régionales de la Crimée 1932, No. 1-2, 1933, & No. 1, 1934.
 Bulletin des Stations Séismique Régionales de L'Asie Centrale, 1932.
 Stuttgart Seismische Berichte der Württembergischen Erdbebenwarten, 1934.
 Wilhelm Hiller, "Die Erdbebentätigkeit im Gebiete der Schwäbischen Alb."
 Wilhelm Hiller, "Erdbebenhesde und Tektokik im Gebiete der Schwäbischen Alb."
 Wilhelm Hiller, "Eine einfache und sichere Art der Zeitmarkierung bei Mechanisch registrierenden Seismographen."



Pei-An-Ho, W. of Peiping,
China
φ: 40°3'55" N, λ: 116°5'44" E
h: 115m; Foundation: Granite

THE CHIUFENG SEISMIC STATION
of the
GEOLOGICAL SURVEY OF CHINA

Instruments: 200 kg. horiz.,
80 kg. vert.
Weichert;
Galitzin-Wilip.

Weichert	V	T ₀	ε	r/T ₀ ²	Galitzin-Wilip	T ₁	T	μ ²	kA/πl	
Z	--	--	--	--	Mar. 29, '35	Z	11.01	10.31	.002	524
N	96.6	5.24	3.1	.007	Oct. 22, '35	N	11.57	11.63	.019	752
Nov. 18	93.4	5.18	3.0	.015	Oct. 24, '35	E	11.20	10.26	.026	754

November, 1935

49

No.	Date	Char.	Phase	G. M. T. h m s	T _p s	A μ	Δ km	Remark
1512	1, XI	Iu	ePNZ ePP?NZ SKSN iSN iPSN eLE MZ MN ME F	6 16 47 20 32 27 18 56 29 00 49 08 7 01 04 11 31 8 02 --			10380	Epc.: 46°N, 90°W U.S.C.G.S.
1513		IIIr	iP iS iLEN ME MZ MN F	16 28 00 32 03 34 12 35 18 19 36 09 19 49 --		6 5	2520	condensation, time uncertain. Azi.: 201.3° Gulf of Tonkin. M, from Weichert. All comp. faint on Galitzin.
1514		Ir	PEN iEN MN F	21 04 18 07 11 08 24 -- --				Z-component lost.
1515	3	I	iN MN ME MZ F	16 45 59 49 47 50 00 51 02 17 05 --	13			Phases indefinite. Microseisms high.
1516	5		eL?Z MZ F	10 00 42 04 59 17 --				Microseisms high.
1517		Iu	PZ SZ iScSZ MZ F	21 04 18 10 33 14 40 19 16 -- --			4580	condensation
1518	6		(e) eN MZ F	13 18 14 23 54 33 01 14 14 --				Very small.
1519	7		(e)N (e)Z MN F	5 13 19 14 08 19 09 42 --				Very small.
1520			MZ F	10 38 28 51 --				

The Chiufeng Seismological Bulletin (Cont.)

November, 1935

50

No.	Date	Char.	Phase	G.M.T.	T _p	A _{mu}	km.	Remark
1521	8, XI		(e) MEZ F	16 43.4 49.6 17 06 --				Very small.
1522	10		eL?E	19 25 27				Masked by heavy microseisms.
1523	11	Iu	eZ eP eS?EZ iN eL MZ MN F	13 21 09 20 28 41 29 13 38.2 45 14 23 14 31 --	16 15		5755	
1524	12	Iu	ePNZ SEN iN L ME MIZ MIN M2Z M3Z F	21 35 51 41 56 45 00 47.4 52 27 55 54 21 56 03 58 37 22 57 --	15 12 10 11 12	9	4410	In time mark.
1525	13	Iu	ePZ ePEN SKSEN iS F	23 30 24 26 40 56 41 17 0 30 --			9990	
1526	14	Iu	iP ePP SEN iN SSE i MN ME MZ F	20 06 19 08 11 13 41 16 16 17 09 20.5 27 22 36 39 21 52 --	20 21 22	12	5780	condensation Azi.: 132.3° Bismarck Arch.
1527	15	I	iP̄	9 56 41				Near shock. Azi.: NE
1528		I	iP̄	11 45 26				After shock of No. 1527.
1529		O	iP̄EN	12 11 21				After shock of No. 1527.
1530	16	Ir	PZ ePEN SEN ME MNZ F overlapped by next	5 56 13 13 6 01 06 07 47 09.85 quake.	14 14		3190	condensation
1531		I	eEN eZ M F	7 00 16 33 02.5 34 --	9			uncertain

The Chiufeng Seismological Bulletin (Cont.)

November, 1935

51

No.	Date	Char.	Phase	G.M.T.	Tp	Amu	km.	Remark
1532	17, XI	Ou	PZ iN F	7 53 22 8 03 40 55 --				Masked by micro.
1533	21	Iv	(e)EZ eEZ iEZ iN i(M)E i(M)N F	8 45 31 47 01 48 53 57 49 02 02 9 19 --	8 8	5 4		Initial uncertain.
1534	22		M	3 27.3				
1535	23		eE	3 36 55				Small
1536			(e)Z eZ eL F	8 12 09 14 27 9 00.1 10 14 --				Small & indefinite.
1537	25	IIr	eP PPEZ iSEN SR2EN LEN M1E MZ MN M2E F	10 10 32 11 56 16 37 19 48 21 40 27 24 28 16 29 53 30 59 12 21 --	15 10 13	18 21	4410	
1538		Or	ePZ eS?N SE F	22 15 47 19 49 57 44 --			2510	Initial uncertain.
1539	26	Ir	PEZ oPN ePPZ SEN iE iN iLE ME MN MZ F	18 40 51 52 42 19 46 58 50 10 15 52 29 57 34 19 00 34 03 12 58 --	14 10 12		4445	condensation
1540	27		(e)Z eEN F	9 17 46 22.5 10 20 --				Very small.
1541	29	O	eE ME F	18 33 15 52 45 19 22 --				
1542		Iv	eP eSEN eSZ	19 36 02 39 25 29			1990	Time marks failed on N, Z-components.

Pei-An-Ho, W. of Peiping,
China
 φ : 40°3'55" N, λ : 116°5'44" E
h: 115m; Foundation: Granite

THE CHIUFENG SEISMIC STATION
of the
GEOLOGICAL SURVEY OF CHINA

Instruments: 200 kg. horiz.,
80 kg. vert.
Weichert;
Galitzin-Wilip.

Weichert	V	T ₀	ξ	γ/T_0^2		Galitzin-Wilip	T ₁	T	μ^2	kA/ πl
Z	--	--	--	--	Mar. 29, '35	Z	11.01	10.31	.002	524
N	106.9	5.0	3.1	.011	Oct. 22, '35	N	11.37	11.63	.019	732
Dec. 29E	100.8	5.0	3.4	.015	Oct. 24, '35	E	11.20	10.26	.026	754

December, 1935

53

No.	Date	Char.	Phase	G. M. T. h m s	T _p s	A μ	Δ km	Remark
1546	1, XII	IIv	P SE iSNZ LEN M1E MN M2E MZ F	23 48 34 51 27 29 52 29 54 13 14 56 43 57 40 1 29 --			1745	condensation Azi.: SE
2						19 46mm.		
1547			eLEN M	4 40.4 45.2	10			
1548			eLEN M	5 18.0 23.2	10			
1549		IIv	iP SEZ iSN L MN M1E MZ M2E F	16 46 12 49 09 15 50.4 53 53 54 21 28 58 19 18 15 --		12 17 30mm. 13	1790	condensation Azi.: 133° Amami Oosima, Ryukyu Is.
1550			eE e F	21 35 39 43 30 23 24 --				Two indefinite phases.
1551	3	Or	ePEZ SN SE F	17 49 05 53 13 17 18 12 --			2590	
1552	5	Iu	ePZ iEZ iEZ SN PSEZ iE eLEN eLZ ME MZ F	18 03 08 49 05 33 13 32 14 13 16 43 27.4 29 41 38 14 39 19 36 --			9320	
1553	9		eL?	8 16.3				Long trace of surface waves.
1554	11	Ir	P eSNZ	8 46 21 49 54			2180	condensation Azi.: SE

The Chiufeng Seismological Bulletin (Cont.)

December, 1935

54

No.	Date	Char.	Phase	G.M.T.	T _p	A _{mu}	km.	Remark
1554	11, XII (cont.)		eLe MZ MN ME F	8 51 40 55 06 09 36 9 34?--				Probably fore-shock of No. 1563.
1555	14	Iu	eP'NZ eP'E iNZ iN iN iZ iE F	1 49 48 55 52 14 54 06 59 19 2 00 37 11 48 3 -- --				Deep focus?? Epc.: 6°S, 74°W (U.S.C.G.S.)
1556		I	iSNZ iScSNZ F	12 54 25 57 43 13 57 --				E-component lost.
1557		IIu	ePz Pz PPNZ iNZ SKSN SKKSN PSNZ SSN SSZ LN LZ M1N M1Z M2N M2Z M3Z M3N F	22 20 33 24 13 25 25 28 09 31 15 32 24 35 20 41 59 42 06 58 04 23 03 15 12 29 16 08 26 51 54 29 25 28 1 08 --			13335	E-component lost. Epc.: 14°N, 94°W (U.S.C.G.S.)
15								
1558		Or	ePNZ SNZ MZ F	1 48 53 52 44 58 12 2 16 --			2380	
1559		III _s	iPNZ iSNZ iLN iLZ M1Z M1N M2Z M2N F	7 18 26 27 20 35 05 36 38 41 20 44 (56) 47 (37) (56) 11 48 --			7455	E-component lost. Epc.: 12°S, 162°E (U.S.C.G.S.) iPz: condensation
1560			ez F	19 16 08 20 06 ---				Trace
1561	16	Iv	iPNZ SNZ F	17 15 59 18 27 55 --			14°ca.	dilatation Deep focus type. E-component lost.

The Chiufeng Seismological Bulletin (Cont.)

December, 1935

55

No.	Date	Char.	Phase	G.M.T.	T _p	Amu	km.	Remark
1562	17, XII	Ou	ePZ eS?EN eLEZ MN MZ F	13 27 27 35 53 47.7 51 29 54 12 14 35 --			6920	
1563		IIIr	iP iS M-phase faint & out of limit on all components. F	19 21 59 25 33 21 39 --			2190	condensation Azi.: 148.8° In region of 23°N, 127°E
1564		Ir	PNZ ePE eS eLE ME MN MZ F	22 38 22 22 41 52 43 18 45 42 49 37 40 23 10 --			2145	dilatation
1565	18	IIv	iP iSN iSE iSZ iLEN iLZ iMZ M-phases faint on E, N-components. F overlapped by next quake.	7 14 09 17 15 17 19 18 30 41 20.7			1880	condensation Azi.: 225° Epc.: 27.5°N 102.5° E
1566			eLEN eLZ F overlapped by next quake.	8 03 55 04 03				
1567		Iv	P?NZ P?E iS iL ME MN MZ F overlapped by next quake.	8 08 11 14 11 17 12.5 13 28 28 14 21			1880	Initial distur- bed by coda. After shock of No. 1565.
1568			(e)N L F	8 47 25 51 53 9 07 --				Small
1569		Iv	eEN eLEN i(M)Z ME MN F overlapped by next quake.	13 21 39 22 53 23 11 51 24 01				
1570			e?EN F	13 37 50 50 --				Very small & indefinite.

The Chiufeng Seismological Bulletin (Cont.)

December, 1935

No.	Date	Char.	Phase	G.M.T.	Tp	Amu	km.	Remark
1571	18, XII	IIv	iP SEZ iSEZ iL ME MZ F	17 03 04 06 10 13 07.3 09 16? 59? 18 07 --			1880	condensation Azi.: SW
1572		I	eS?EN L?E MN i(M)Z F	21 14 33 15 41 47 51 21 --		6		
1573	19		EN iE	8 39 41 52				Very small.
1574		I	iS?EN eL ME MN F	9 49 43 51.1 55 52 03 10 03 --		7 7		
1575		Iv	eP?N SEN iSZ L ME MN MZ F	13 30 25 33 30 33 34.8 35 40 42 36 39 14 03 --		9 8 8	1865	After shock of No. 1565.
1576			ME MZ	21 40 58 42 07				
1577		Ir	eZ eZ eLEN MN MZ ME F	23 41 05 44 32 46.7 48 50 49 44 50 20 F overlapped by next quake.	13 14 12			Seismogram simi- lar to the next.
1578	20	Ir	eP SNZ eLE eLN MZ MN ME F	0 04 18 07 51 09 41 10 08 13 03 07 40 42 --	13 13 12		2180	After shock of No. 1563.
1579		Iu	P PePEZ PP?EZ S ScSN eLEN MZ	18 47 34 48 08 49 31 56 10 57 30 05.2 19 12 56	20		7110	condensation Azi.: SE

The Chiufeng Seismological Bulletin (Cont.)

December, 1935

57

No.	Date	Char.	Phase	G.M.T.	T _p	A _{mu}	km.	Remark
1579	20, XII (cont.)		ME MN F	19 13 03 16 01 20 57 --	20 17			
1580	22	Or	iPEN pPEN SE sSE F	12 35 40 57 41 00 22 13 02 --			34°	Time uncertain due to the failure of minute marks. Depth.: 0.015 R.
1581	23	Ir	eP eSE eZ iZ eLN MN ME F	14 49 16 53 52 54 44 56 06 49 59 51 15 02 09 47 --	13 15			Time marks failed on E,Z-comp.
1582			ePE SE F	18 41 14 31 49 --			150	Small local shock.
1583	24	Iu	P'NZ iPPNZ iPKS PPP?N PPPZ eSKSN eSKKSN eSKSPEN ePSZ eLE eLNZ ME MN MZ F	12 43 34 46 02 47 02 48 54 49 03 50 51 53 11 56 08 29 13 25 41 30.2 40 53 44 37 43 15 12 --	24 22 22		14900	condensation Very distant quake
1584	26		eEN (M)N	5 56 49 57 44	11			Small
1585		Ou	eP SEN F	20 19 03 29 05 21 50 --			8845	Time marks failed on Z-component.
1586	27		(M)E	18 09 04				Small
1587	28	IIIr	iP iSE iS?E eLEN M1N M1E M2N MZ M2E M3E F	2 43 27 50 04 08 53 34 3 02 10 03 33 04 59 05 37 06 41 07 36 7 28 --	21 18 15 13 16 17	754 611 523 12.6mm. 551 737	4980	condensation Azi.: 207.5° Southwest coast off Sumatra. iSE from Wiecher. Amplitudes very large on Galitzin. L & M from Wiecher

The Chiufeng Seismological Bulletin (Cont.)

December, 1935

58

No.	Date	Char.	Phase	G.M.T.	T _p	A _{mu}	km.	Remark
1588	28, XII	Iu	PZ ePEN eN iE eL ME MZ MN F	17 29 57 57 36 19 47 44.2 49 55 52 40 53 27	18 15 14			condensation
F overlapped by next quake.								
1589		Iu	iPNZ iN iE MZ MN F	17 39 31 46 33 59 28 18 02 13 17 24 --	18 15 14			condensation Similar to the No. 1588.
1590			eEN eN iN	19 36 03 38 35 42 42				Small
1591	29	Ir	PZ PEN SN SZ iE iZ iEN F	3 35 54 56 39 50 52 56 42 19 32	6	2445		dilatation
F overlapped by next quake.								
1592		I	eL ME MN MZ F	4 01.6 09 04 10 48 52 39 --	16 15 15			
1593		Iu	iP i PcP iZ Se S ² _H iSS?E L M1Z M2Z F	23 45 33 46 40 47 24 51 42 52 10 18 54 48 59.7 0 06 23 11 12 2 59 --	15 15	4920	12mm.	condensation Azi.: SE Deep focus type ? Phases not clear.
1594	30	Iu	iPNZ eSE eSN eLEZ ME MN MZ F	4 18 44 25 24 33 32.9 33 43 42 23 28 5 18 --	18 16 14	5020		condensation E-comp. ineident
1595			ME EN	16 10 35				

The Chiufeng Seismological Bulletin (Cont.)

December, 1935

59

No.	Date	Char.	Phase	G.M.T.	T _p	A _{mu}	km.	Remark
1596	31, XII	Iu	iPNZ	1 37 51			5435	condensation
			eSN	44 54				
			ME	59 18	17			
			MN	43	17			
			ME	58	17			
			F	2 55 --				

The earthquakes No. 1565 to No 1576 inclusive are all apparently from the same region in Szechuan. The two main shocks are No. 1565, 18d 7h 10.3m and No. 1571, 18d 16h 59.2m. At Mapien where heavy damages were reported, earthquakes were felt during the whole afternoon. Many houses collapsed and people and animals were killed, according to the press. Near Hueili, a landslide occurred burying some tens of houses and damming up the Chingshahohiang River so that it became possible to cross on foot, causing flood in the upper regions of the river, drowning many people. The heaviest damages of the Hueili area was at Luchuh where the death toll was large.

The earthquake must have been clearly felt within a radius of 400 kilometers. Distinctive shocks were reported felt in Chenshung, Yunnan. The earthquake caused fear but no damage in Chengtu about 300 kilometers from the epicenter from where the first reports of the felt area came. Towns around Chengtu, Kwansien, Chungching (on the Mingchiang) and Kwanghan, and towns along the road from Chengtu Chungching (on the Yangtze), Chienyang, Naichiang, and Lungchang, all reported having felt earthquakes. Other than these places where easy communications were available, no reports had been forthcoming.

S. P. Lee, Superintendent
(Absent, in Germany)

Pan Chia Lin,
Assistant in Charge

January 11, 1936