



Ministry of Communications
Meteorological & Geophysical Service
Djakarta.

SEISMOLOGICAL BULLETIN

Period : January , February 1955.

Geographical position of the stations

Djakarta : Lat. $06^{\circ} 11' S$ Long. $106^{\circ} 50' E$ $h = 8 m$
Seismographs Wiechert Z 1300 kg.
Wiechert N & E 1000 kg.

Bandung : Lat. $06^{\circ} 54' S$ Long. $107^{\circ} 39' E$ $h = 726 m$
Seismographs Wiechert N & E 1000 kg.

Lembang : Lat. $06^{\circ} 50' S$ Long. $107^{\circ} 37' E$ $h = 1295 m$
Seismographs Sprengnether Z ($T = 1,7 sec.$)
Sprengnether N ($T = 15 sec.$)
Sprengnether E ($T = 3,5 sec.$)

Constants of the Wiechert seismographs.

Djak.	N.S. Component					E.W. Component					Z. Component				
1955	T	r	E	V	e	T	r	E	V	e	T	r	E	V	e
Jan.	7,9	0,08	4,26	211	1,13	7,9	0,12	4,09	209	1,22	4,0	0,06	3,94	300	1,14
Feb.	7,8	0,11	3,83	214	1,11	7,9	0,14	4,41	207	1,26	4,0	0,09	4,38	300	1,23

Abbreviations : used in the bulletin

D = Djakarta Station
B = Bandung Station
L = Lembang Station
c = a compressive first movement
d = a dilatational first movement

Remarks :

Constants of the seismographs in Bandung were not reliable.
From January 1 till January 20, from January 28 till January 31
and from February 1 till February 2, the time-correction of Bandung station was uncertain.
From February 1 till February 2 no records of Lembang Station were available because of shortage of photographic paper.

Director
Meteorological & Geophysical Service

Address:

Meteorological and Geophysical Service
Djalan Geredja Inggris 3.
Djakarta. (Indonesia).

(Prof. Ir. R. Goenarso).-

- 1 -

No.	Date.	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
JANUARY 1955.							
1	3	L	E	faint traces between 08 ^h :02 ^m :00 ^s and 08 ^h :06 ^m :00 ^s			
2	3	L	Z	iP	19 ^h :01 ^m :44 ^s	C	
				iS	19 :05 :36		
				F	19 :09 :		
3	3	L	Z	eP	19 :33 :43		Near westcoast of Su matra.
			E	eP?	19 :33 :44		(U.S.C.G.S.)
				eL	19 :40 :00		
				F	19 :20 :		
	3	D	N	faint traces between 19 :34 :00 and 20 :00 :00			
				M	19 :38 :48		
	3	B	E	eP?	19 :34 :24		No time correction
			E	e	19 :39 :42		
			N	e	19 :40 :12		
				F	20 :00 :		
4	4	L	Z	eP	08 :39 :30		
			E	e	08 :40 :27		foreshock of No. 5
				F	08 :43 :		
5	4	L	Z	eP?	09 :27 :04		local shock.
			E	iS	09 :27 :49		
				F	09 :32 :		
	4	D	Z	eP	09 :27 :18		faint
				F	09 :35 :		
6	4	L	Z	iP	12 :01 :47	C	Off S - coast of Honshu
				F	12 :06 :		(U.S.C.G.S.)
	4	B	NE	faint traces between 09:27:00 and 09:33:00			
7	5	L	NE	eP	01 :00 :50	65° 0	0 = 00 ^h :50 ^m :06 ^s
			NE	iS	01 :09 :31		Epic: 50° S - 162½ E
			E	i	01 :02 :30		(U.S.C.G.S.)
			E	i	01 :02 :43		
			N	e	01 :03 :01		
			ZN	ML	01 :23 :58		
				F	02 :30 :		
	5	D	Z	iP	01 :00 :48	d 65° 2	
			N	eP	01 :00 :51		
			Z	iPP	01 :03 :13		16 S / 167½ E
			E	i	01 :09 :57		(U.S.C.G.S.)

- 2 -

No.	Date.	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
JANUARY 1955.							
5	D	N	as	01 ^h :09 ^m :30 ^s			
		NEZ	eL	01 :16 :00			
		N	ML	01 :27 :12			
5	B	NE	iP	01 :01 :24	65°		No time correction
		N	iS	01 :10 :06			0 = 00 ^h :50 ^m :40 ^s
		E	iS	01 :10 :07			
			eL	01 :17 :00			
		N	ML	01 :26 :12			
			F	01 :58 :00			
8	5	L	Z	PKP	13 :03 :20	d	Epic: Central Peru
			F	13 :04 :			(U.S.C.G.S.)
9	5	L	Z	faint traces between 15:39:00 and 15:42:00			Epic: 54½ N- 161 E (U.S.C.G.S.)
0	5	L	EZ	iP	17 :58 :41	d	0 = 17 ^h :48 ^m :32 ^s
		N	eP	17 :58 :43			16 S - 167½ E
		ZE	iS	18 :06 :51			(U.S.C.G.S.)
		E	i	:07 :08			Mg= 6½ - 7 (Pas)
		E	PP?	18 :01 :15			
		E	ScS?	18 :08 :47			
		N	SS	18 :11 :48			
		ZE	eL	18 :19,3			
			F	18 :45 :			
5	D	Z	iP	17 :58 :47	d	60°.	0 = 17 ^h :45 ^m :39 ^s
			i	18 :09 :44			
		EN	eP	17 :58 :48			
		N	PP?	18 :01 :17			
			iS	18 :07 :01			
		E	iS	18 :07 :05			
		NEZ	eL	18 :12 :00			
			F	18 :40 :			
5	B	NE	eP	17 :59 :21	59°.		No time correction
			iS	18 :07 :30			0 = 17 ^h :49 ^m :12 ^s
			eL	18 :18 :00			
			F	18 :51 :			
5	L	Z	iP	18 :25 :39	C		Small Shock in code
			S	18 :28 :27			of No. 10.
5	L	Z	eP	21 :14 :45	C		Local Shock
			F	21 :17 :			
5	L	ZE	eP	23 :52 :11	C?	60°.	16 S - 167½ E
		N	eP	23 :52 :14			(U.S.C.G.S.)
		E	e	23 :52 :22			
		NE	iS	24 :00 :27			

- 3 -

No.	Date.	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
JANUARY 1955.							
13	5	L	N	eP _e P?	23 ^h :53 ^m :24 ^s		
			N	e	23 :55 :02		
			E	i	24 :00 :54		
			E	i	24 :02 :44		
			ZN	eL	24 :03 :00		
				F	25 :00 :		
	5	D	Z	iP	23 :52 :16	d 62°.	16 S - 169½ E
				PcP	23 :53 :00		(U.S.C.G.S.)
				iPPP	23 :56 :09		0 = 23 ^h :41 ^m :36 ^s
				eS	24 :00 :43		
			NE	eP	23 :52 :17		
			NE	iS	24 :00 :45		
				eL	24 :08 :00		
				F	24 :56 :		
	5	B	NE	eP	23 :52 :54	60°.	No time correction
				iS	24 :01 :06		
				eL	24 :11 :00		
				F	25 :00 :		
14	6	L	Z	eP	02 :09 :29		aftershock of No. 1
			E	eS	02 :17 :25		
				F	02 :35 :		
15	6	L		e	02 :41 :04	59°.	aftershock of No. 1
			E	iP	02 :32 :46		0 = 02 ^h :22 ^m :41 ^s
			ZE	iS	02 :40 :53		
				i	02 :46 :45		
			Z	iP	02 :32 :44		
			NE	ePP	02 :35 :09		
				F	03 :15 :		
	6	D	Z	iP	02 :32 :47	d	aftershock of No. 1
				eS	02 :41 :06		
			NE	eP?	02 :32 :48		
				eS	02 :41 :05		
			N	eS	02 :41 :03		
				F	02 :57 :		
	6	B	N	eP?	02 :32 :50		No time correction
				eS	02 :41 :08		
			E	i	02 :35 :18		
			E	eS	02 :41 :06		
				F	03 :05 :		
16	6	L	Z	eP	02 :44 :45		Small Shock in code
			E	eS	02 :46 :45		of No. 15
				F	02 :53 :		
17	6	L	E	e	03 :47 :49		
			E	e	03 :56 :38		
				F	03 :59 :		

- 4 -

Date.	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
JANUARY 1955.						
6	L	Z	eP	04 ^h :20 ^m :36 ^s		after shock of No. 13
		E	eS	04 :28 :45		
			F	09 :30 :		
6	L	Z	e	07 :09 :53		after shock of No. 13
			F	07 :12 :		
6	L	N	IS	10 :06 :34	59°.	16 S - 167½ E
		Z	eP	09 :58 :25		New Hebrides island
			F	10 :12 :		(U.S.C.G.S.)
						0 = 09 : 48 : 17.
6	D	Z	eP	09 :58 :33		
		N	i	10 :06 :15		
		E	i	10 :00 :00		
			M	10 :08 :11		
			F	10 :17 :		
6	B	N	eP	09 :58 :39		No time correction
			eS	10 :06 :48		
		E	eP	09 :58 :42		
			IS	10 :06 :48		
			F	10 :12 :		
6	L	Z	iP	16 :09 :00	C	Small local Shock
			F	16 :12 :		
6	L	Z	iP	20 :31 :49		Small local Shock.
			F	20 :34 :		
7	L	Z	iP	09 :50 :49	C	16½ S - 78 E
		EN	eP	09 :50 :49		(U.S.C.G.S.)
		N	eS?	09 :55 :59		
		N	eL	09 :59 :00		
			F	10 :07 :		
7	D		faint traces between			
			09 :50 :00 and 10 :09 :00			
7	B		faint traces between			
			09 :50 :00 and 10 :09 :00			
7	L	Z	iP	16 :12 :19	C	local Shock
			F	16 :15 :		
8	L	EZ	iP	07 :43 :34	63°	0 = 07 ^h :33 ^m :12 ^s
		N	eP	07 :43 :36		11½ S - 166½ E
		EZ	IS	07 :51 :58		(U.S.C.G.S.)
		N	IS	07 :51 :54		h about 60 km.
		NE	i	07 :52 :02		Mag. 6¾ - 7.
		NEZ	eL	07 :53 :00		
		N	LM	08 :07 :		
			F	08 :32 :		

- 5 -

No.	Date.	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
JANUARY 1955.							
8		D	EN	eP	07 ^h :43 ^m :29 ^s	62°	0 = 07 ^h :33 ^m :10 ^s
			Z	eP	07 :43 :30		
			N	IS	07 :51 :50		
			Z	IS	07 :51 :49	C	
			E	eS	07 :51 :55		
			E	eL	07 :55 :14		
				F	08 :37 :		
8		B	NE	eP	07 :43 :51		No time correction
			NE	IS	07 :52 :03		
				eL	07 :56 :00		
				F	08 :42 :		
26	8	L	Z	eP?	08 :06 :04	C	Epic: 39° N - 22½°
				eS	08 :19 :14		in code of No. 26
				F	08 :32 :		
27	8	L	Z	IP	09 :09 :24	C	Epic: 31½° N - 141°
				eS	09 :16 :06		(U.S.C.G.S.)
			E	eP	09 :09 :22		
				eS	09 :16 :06		
				F	09 :17 :		
28	8	L	Z	IP	10 :18 :29		Epic: 5 S - 106 W
			E	eP	10 :18 :28		(U.S.C.G.S.)
				F	10 :27 :		
29	8	L	Z	eP	15 :58 :41		No clear S - wave.
			NE	eP	15 :58 :42		
				F	16 :10 :		
	8	D	N	eP	15 :58 :45		
			E	eP	15 :58 :49		
			NE	eS	15 :59 :11		
				F	16 :14 :		
8.		B.	NE	eP?	15 :58 :59		No time correction
			E	eS	15 :59 :26		
				eS	15 :59 :18		
				F	16 :08 :		
30	9	L	Z	IP	12 :02 :12	d	Small local Shock.
				F	12 :05 :		
31	10	L	Z	1	21 :54 :54	C	Small local Shock
				F	22 :01 :		
32	11	L	Z	IP	13 :55 :37	d	27° N - 127½° E
				F	13 :59 :		(U.S.C.G.S.)
33	12	L	Z	eP?	12 :58 :46		distant Shock
			E	eP	12 :58 :53		
				F	13 :03 :		
12		D	ZE	IP	12 :58 :47	C	
			N	eP	12 :58 :47		
			NEZ	IS	12 :59 :08		
				F	13 :03 :		
34	12	L	Z	eP	19 :15 :23		distant Shock
				F	19 :18 :		
35	13	L	disorder.				
13		D	Z	IP	02 :16 :55	C	83°
			NE	IP	02 :16 :56		53° N - 167½° W
				IPP	02 :20 :43		(U.S.C.G.S.)
				eS	02 :27 :07		
				1	02 :29 :01		
				F	03 :26 :		
13		B	NE	eP	02 :16 :52		No time correction
				1	02 :29 :22		
				F	03 :22 :		

- 6 -

Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
JANUARY 1955.						
6 14	L	Z	iP i F	12 ^h :40 ^m :43 ^s 12:44:47 12:50:	d	distant Shock
7 16	L	Z NE NE	iP eP iS F	13:31:55 13:31:57 13:33:30 13:40:	d 8.2°	Epic: 7½ N - 106 E Time correction uncertain. O = 13 ^h :29 ^m :52 ^s
16	D	Z NE ZN E	eP eP iS iS F	13:31:44 13:31:45 13:33:22 13:33:19 13:43:	c 8.2°	
8 17	L	Z	eP F	02:30:52 02:06:	d	Epic: 36½ N - 139½ E (U.S.C.G.S.)
9 17	L	Z	iP i F	13:07:23 13:09:07 13:19:	d	
10 17	L	Z	iP F	14:21:13 14:24:	d	local Shock
11 18	L	Z	eP F	17:10:47 17:18:	d	Epic: 36½ S - 98½ W (U.S.C.G.S.)
12 18	L	Z NE EZ	iP eP iS F	19:58:31 19:58:30 20:06:32 20:12:	d	Epic: Santa Cruz island region. (U.S.C.G.S.)
13 20	L	Z	eP F	03:54:33 03:59:	d	Epic: 15 N - 104½ W Mag. 6½
14 21	L	Z	iP F	09:25:58 09:32:	d	Argentina: Jujuy Province. (U.S.C.G.S.)
15 22	L	Z	eP iPP iS i F	05:36:08 05:37:28 05:42:03 05:46:18 05:50:	d 38° .2	O = 05 ^h :28 ^m :45 ^s Epic: 8 S - 67½ E (U.S.C.G.S.)
16 22	L	Z	eP iS F	14:32:05 14:32:28 14:36:		distant Shock
17 22	L	Z	iP i F	15:25:48 15:28:40 15:49:	d	
18 22	L	Z NE NZ	iP eP iS F	18:42:22 18:42:22 18:42:49 18:58:	d 4.3°	Prov. Epic: 07° S - 107½° E

- 7 -

No.	Date.	Stat.	Comp.	Phase	G.M.T.	Dir.	△	Remarks
JANUARY 1955.								
	22	D	NZE	eP	18 ^h :42 ^m :17 ^s		1.2°	
			ZEN	IS	18 :42 :34			
				F	18 :50 :			
	22	B	E	eP	18 :42 :46			No time correction
			N	1P	18 :42 :48			
			NE	eS	18 :43 :05			
				F	18 :50 :			
49	23	L	Z	eP	09 :06 :53	D	63°	0 = 08 ^h :56 ^m :22 ^s
				i	09 :07 :11			
				eS	09 :15 :23			
				F	09 :27 :			
50	23	L	Z	eP	14 :45 :30			local shock.
				IS	14 :45 :35			
				F	14 :51 :			
51	23	L	Z	1P	22 :21 :41	d		Prov.Epic:7 ¹ / ₈ S-106E
			EN	1P	22 :21 :42			
				eL	22 :27 :00			
				F	22 :54 :			
	23	D	ZN	1P	22 :21 :45	d	1.7°	
			E	eP	22 :21 :46			
			Z	IS	22 :22 :07			
				F	22 :43 :			
	23	B	NE	eP	22 :21 :51		1.5°	
			NE	eS	22 :22 :11			
52	25	L	ZNE	1P	04 :10 :04	d	1.5°	Prov.Epic:106 ¹ / ₂ E-7 ¹ / ₈ S
			ZE	IS	04 :10 :24			
				F	04 :26 :			
	25	D	Z	1P	04 :10 :03	d	1.5°	
			N	1P	04 :10 :05			
			E	eP	04 :10 :03			
			Z	IS	04 :10 :23			
			N	IS	04 :10 :24			
			E	IS	04 :10 :25			
				F	04 :30 :			
	25	B	EN	1P	04 :10 :06		1.0°	
			NE	IS	04 :10 :21			
				F	04 :29 :			
53	25	L	Z	1P	06 :27 :50	d		local Shock
				F	06 :34 :			
		D	Z	eP	06 :27 :39			
			NE	eP	06 :27 :48			
				F	06 :40 :			

- 12 -

No.	Date	Stat.	Comp.	Phase.	G.M.T.	Dir.	Remarks
FEBRUARY 1955.							
85	19	L	Z	eP	15 : 27 : 05	c?	25 ⁰ .0 0 = 15 ^h :21 ^m :38 ^s
			Z	i!	15 : 27 : 15		
			E	eS	15 : 31 : 27		Epic: 12 N 125 E
			Z	e	15 : 32 : 04		(U.S.C.G.S.)
				F	15 : 35 : :		
86	19	L	Z	iP	19 : 12 : 02	c	Small local Shock.
			E	i	19 : 12 : 13		
				F	19 : 14 : :		
87	19	L	Z	eP	19 : 56 : 37		aftershock of No.85
				F	20 : 03 : :		
88	20	D	Z	iP	00 : 57 : 49	c	Very faint.
				F	01 : 00 : :		Epic: 15 ¹ / ₂ N - 121E
							(U.S.C.G.S.)
89	22	L	Z	eP	19 : 53 : 46		Small local Shock.
			ZE	iS?	19 : 54 : 33		
				F	19 : 57 : :		
90	22	L	Z	eP	21 : 26 : 37		Small local Shock.
			Z	e	21 : 31 : 06		
				F	21 : 33 : :		
91	23	L	NE	eP	04 : 01 : 13		
			Z	iP	04 : 01 : 12		Small local Shock.
				F	04 : 02 : :		
92	23	L	ZE	iP	05 : 08 : 32	d	Epic: Tonga island
			N	eP	05 : 08 : 33		h about 250 km.
				F	05 : 15 : :		(U.S.C.G.S.)
93	23	L	ZE	iP	06 : 50 : 17		Small local Shock.
				F	06 : 52 : :		
94	23	L	Z	iP	08 : 46 : 41	d	Epic: 23 S. 179 E.
				F	08 : 49 : 00		h about 600 km!
95	23	L	ZE	iP	11 : 51 : 36	d	Epic: Fiji Islands
			N	eP	11 : 51 : 38		h about 600 km.
			ZE	iS	12 : 00 : 16		(U.S.C.G.S.)
				F	12 : 04 : 00		
96	23	L	Z	iP	18 : 41 : 22	c	Epic: 34 S - 54 ¹ / ₂ E.
				F	18 : 45 : 00		(U.S.C.G.S.)
97	23	L	Z	iP	20 : 10 : 23	d	Epic: 32 N. 141 E.
				F	20 : 13 : :		(U.S.C.G.S.)
98	24	L	Z	iP	09 : 25 : 28		Epic: Kurillen
				F	09 : 27 : :		(U.S.C.G.S.)

- 13 -

No.	Date	Stat.	Comp.	Phase.	G.M.T.	Dir.	Remarks
FEBRUARY 1955.							
99	24	L	ZE	iP F	22 :06 :41 22 :08 :	d	local Shock.
100	25	L	Z	e F	09 :09 :20 09 :10 :		
101	26	L	Z	iP	00 :33 :30	d	11.5°
			EN	eP	00 :33 :30		Off West coast
			EZ	eS	00 :35 :19		of South Tapanuli
			N	iS	00 :35 :19		
			N	eL	00 :35 :59		
			EN	SeS	00 :46 :31		
				F	00 :18 :		
		B	E	iP	00 :33 :30		
				iS	00 :35 :00		
			N	eP	00 :33 :30		
				eS	00 :34 :57		
				F	00 :51 :00		
		D	Z	iP	00 :33 :17	d	
			NE	eP	00 :33 :17		
			NZ	iS	00 :34 :29		
			E	iS	00 :34 :25		
			NEZ	eL	00 :39.5		
				F	00 :50 :		
102	26	L	Z	eP F	07 :33 :48 07 :34 :		local Shock.
103	26	L	Z	iP	10 :17 :53	c	
			E	iP	10 :17 :55		
				F	10 :24 :00		
		B	E	i F	10 :17 :51 10 :22 :00		Time correction uncertain .
		D	ZE	iP	10 :17 :42	d	
			N	eP	10 :17 :42		
			NEZ	iS	10 :19 :05		
				F	10 :23 :00		
104	26	L	Z	e F	14 :23 :20 14 :26 :		Distant Shock.
105	27	L		faint traces between 09 :59 :00 and 09 :10 :00			
106	27	L	Z	iP F	16 :56 :53 16 :58 :	d	Epic: 7½ N. 42½ W. (U.S.C.G.S.)
107	27	L	Z	iP F	19 :29 :27 19 :32 :00	c	Epic: Off South coast of Honshu. (U.S.C.G.S.)

- 14 -

No.	Date	Stat	Comp.	Phase.	G.M.T.	Dir.	Remarks
FEBRUARY 1955.							
108	27	L	Z	1P	20 ^h :55 ^m :05 ^s	C	75.4°
			E	4P	20 :55 :06		
			E	1S	21 :04 :44		
			Z	1	21 :04 :50		Epic:27½ S - 176 W.
					21 :08 :00		(U.S.C.G.S.)
				F	22 :05 :00		
27	B	N		1P	20 :55 :21		
				1S	21 :05 :03		
		E		eP	20 :55 :17		
				1S	21 :05 :03		
		NE		eL	21 :17 :00		Epic:27½ S - 176 W.
		M		ML	21 :27 :09		
				F	22 :09 :00		
27	D	N		1P	20 :55 :16		
				1S	21 :04 :53		
		E		1P	20 :55 :15		Epic:27½ S - 176 W.
				1S	21 :04 :55		
		Z		1P	20 :55 :14	C	
				1S	21 :04 :54		
		ZNE		PP	20 :58 :05		
		NE		SS	21 :09 :43		
		NEZ		eL	21 :13 : 5		
		Z		ML	21 :29 :05		
		N		ML	21 :25 :23		
		E		ML	21 :26 :29		
				F	22 :12 :		
109	28	L	Z	eP	01 :08 :08		Epic:52°N. 174 W
				F	01 :11 :		(U.S.C.G.S.)
110	28	L	Z	Faint traces between.			
				10 :24 :00 and 10 :26 :00			Distant Shock.
111	28	L	Z	Faint traces between			
				15 :19 :00 and 15 :22 :00			Distant Shock.
112	28	LL	Z	1P	20 :50 :36	d	
			Z	1	22 :52 :28		Epic:11S- 66½ E.
				ePP	:52 :40		
		E		1	20 :52 :49		
				e	20 :56 :31		
				1S	20 :56 :48		
		EZ		eL?	21 :05 :00		
				F	21 :15 :		

- 9 -

No.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
FEBRUARY 1955.							
63	1	L	Z	eP F	00 :47 :42 01 :49		Small local shock.
64	1	L	ZE NE	1P 1S F	05 :29 :56 05 :30 :11 05 :34,5	c 1°0	0=05 ^h :29 ^m :35 ^s
		B	NE	P 1 F	in hour eclipse 05 :30 :30 05 :34,5		No time correction.
		D	ZNE	faint traces between 05 :29,5 and 05 :38.			
			E	M F	05 :31 : 52 05 :41.		Local shock.
65	1	L	Z	eP F	18 :46 :11 18 :49.		faint.
66	1	L	Z	1P 1S F	19 :26 :04 19 :26 :26 19 :30.	c 1°2	Aftershock of no. 64.
67	2	L	Z	1P 1S F	06 :51 :41 06 :52 :02 06 :54,5.		Local shock.
68	2	L	Z	eP F	07 :34 :12 07 :36.	c	Epic. Tonga isls. h = 100 km. (USCGS).
69	2	L	Z E	eP eS F	14 :45 :29 14 :45 :57 14 :50.	d 2°2	Local shock.
70	4	L	Z E Z Z NE	1P eP 1PP! 1 eS F	07 :29 :36 07 :29 :37 07 :31 :25 07 :35 :32 07 :35 :59 08 :27.	c 42°5	
		B	NE E N	eP ePP? e F	07 :29 :38 07 :31 :20 07 :35 :32 08 :10.		
		D	Z E ZN E Z	1P 1P eS eS eL F	07 :29 :33 07 :29 :34 07 :35 :49 07 :35 :52 07 :41,3. 08 :32.	c 41°4	0 4 07 ^h :21 ^m :43 ^s .

- 10 -

No.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
FEBRUARY 1955.							
71	4	L	Z	1 F	09 : 31 : 01 09 : 34.	d	
72	5	L	Z	eP F	20 : 52 : 40 20 : 55.	C?	
73	6	L	Z	eP	04 : 36 : 38		
			NE	eP	04 : 36 : 39		
			N	eS	04 : 38 : 27		Epic. S coast of
			N	eL	04 : 39 : 51		Sumatra (USCGS).
				F	04 : 51.		
	6	D	Z	eP	04 : 36 : 26		
			E	eL?	04 : 38 : 18		
				F	04 : 52.		
	6	B	E	e	04 : 36 : 48		
			N	e	04 : 38 : 09		
				F	04 : 50.		
74	9	L	Z	1P	09 : 54 : 59	d	1.3 Prov. Epic: 7 $\frac{1}{2}$ S-106E.
			NE	1S?	09 : 55 : 15		
				F	10 : 00.		
		D	ZN	1P!	09 : 55 : 06	C	1.3 Deeper than normal.
			NE	1S!	09 : 55 : 22		C = 09 ^h :34 ^m :44 ^s .
				F	10 : 01.		
		B	NE	eP	09 : 55 : 31		1.3
			NE	1S!	09 : 55 : 47		
				F	10 : 01.		
75	9	L	Z	eP	19 : 00 : 56	C?	After shock of no. 74.
				F	19 : 04.		
		D	Z	e	19 : 01 : 06		Very Faint.
				F	19 : 03.		
76	10	L	Z	1P	09 : 48 : 34	C	Epic: Tonga isls.
			Z	ePP?	09 : 50 : 47		(U.S.C.G.S)
				F	09 : 52.		
77	10	L	Z	1P	20 : 19 : 13	d	Small local shock.
				F	20 : 21.		
78	12	L	Z	1P	19 : 13 : 27	C	Epic: 21°S - 171°E.
				F	19 : 15.		h = 100km, (USCGS).
79	12	L	Z	1P	19 : 59 : 40	C	Small local shock.
				F	20 : 01.		
80	14	L	Z	eP	16 : 58 : 15	d	22.9 Strong micros.
			E	eP	16 : 58 : 17		
			ZE	1S	17 : 02 : 21		Epic: NE of Talaud Islands.

No.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
FEBRUARY 1955.							
80	14	L	N	eL	17 :02 :36		Mag. = $6\frac{1}{4}$ (Pas).
			N	eL	17 :05 :44		
				F	17 :26.		
	14	D	Z	eP	16 :58 :18	23°5	O = 16 ^h :53 ^m :06 ^s .
			E	e	17 :01 :56		felt on Talaud Isl.
			N	iS	17 :02 :29		
			E	e	17 :03 :12		
			E	i	17 :04 :56		
			ZE	eL	17 :07,6.		
				F	17 :30.		
	14	B	E	eP	16 :58 :16	23°2	
			N	iS	17 :02 :28		
				F	17 :25.		
81	14	L	Z	eP	19 :32 :02	22°9	Strong micros.
			E	eP	19 :32 :04		After shock of no. 80.
			ZE	eS	19 :36 :08		O = 19 ^h :20 ^m :56 ^s .
				F	19 :41.		
	14	D	NE	faint traces.			
82	15	L	Z	iP	18 :51 :31	C 59°0	O = 18 ^h :41 ^m :32 ^s .
			Z	ipP	18 :51 :38		Epic: New Hebrides.
			Z	ePP?	18 :53 :44		(U.S.C.G.S)
			E	eS	18 :59 :34		
				F	19 :05.		Strong micros.
83	16	L	Z	iP	11 :34 :30	C	Time corr. uncertain.
			NE	eP	11 :34 :31		in strong micros.
			E	e	11 :38 :21		
			Z	e	11 :38 :29		Epic: 7°S - 130°E
			E	e	11 :38 :39		h = 150km. (USCGS).
			E	iScS	11 :45 :32		
				F	11 :50.		
		B	N	e	11 :35 :14	23°	faint.
			N	iScS	11 :46 :09		in strong micros.
				F	12 :00.		
		D	E	eP	11 :35 :00		faint.
			E	e	11 :39 :30		
			N	e	11 :39 :40		
				F	11 :55.		
84	18	L	Z	eP	19 :48 :08	+31°	Time correction.
			Z	eS?	19 :53 :14	d	uncertain.
				F	19 :56.		

- 12 -

No.	Date	Stat.	Comp.	Phase.	G.M.T.	Dir.	Remarks
FEBRUARY 1955.							
85	19	L	Z	eP	15 :27 :05	c?	25° 0 = 15 ^h :21 ^m :38 ^s
			Z	i!	15 :27 :15		
			E	eS	15 :31 :27		Epic: 12 N 125 E
			Z	e	15 :32 :04		(U.S.C.G.S.)
				F	15 :35 :		
86	19	L	Z	iP	19 :12 :02	c	Small local Shock.
			E	i	19 :12 :13		
				F	19 :14 :		
87	19	L	Z	eP	19 :56 :37		aftershock of No.85
				F	20 :03 :		
88	20	D	Z	iP	00 :57 :49	c	Very faint.
				F	01 :00 :		Epic: 15½ N - 121E
							(U.S.C.G.S.)
89	22	L	Z	eP	19 :53 :46		Small local Shock.
			ZE	iS?	19 :54 :33		
				F	19 :57 :		
90	22	L	Z	eP	21 :26 :37		Small local Shock.
			Z	e	21 :31 :06		
				F	21 :33 :		
91	23	L	NE	eP	04 :01 :13		
			Z	iP	04 :01 :12		Small local Shock.
				F	04 :02 :		
92	23	L	ZE	iP	05 :08 :32	d	Epic: Tonga island
			N	eP	05 :08 :33		h about 250 km.
				F	05 :15 :		(U.S.C.G.S.)
93	23	L	ZE	iP	06 :50 :17		Small local Shock.
				F	06 :52 :		
94	23	L	Z	iP	08 :46 :41	d	Epic: 23 S. 179 E.
				F	08 :49 :00		h about 600 km.
95	23	L	ZE	iP	11 :51 :36	d	Epic: Fiji Islands
			N	eP	11 :51 :38		h about 600 km.
			ZE	iS	12 :00 :16		(U.S.C.G.S.)
				F	12 :04 :00		
96	23	L	Z	iP	18 :41 :22	c	Epic: 34 S - 54½ E.
				F	18 :45 :00		(U.S.C.G.S.)
97	23	L	Z	iP	20 :10 :23	d	Epic: 32 N. 141 E.
				F	20 :13 :		(U.S.C.G.S.)
98	24	L	Z	iP	09 :25 :28		Epic: Kurillen
				F	09 :27 :		(U.S.C.G.S.)

- 13 -

No.	Date	Stat.	Comp.	Phase.	G.M.T.	Dir.	Remarks
FEBRUARY 1955.							
99	24	L	ZE	iP F	22 :06 :41 22 :08 :	d	local Shock.
100	25	L	Z	e F	09 :09 :20 09 :10 :		
101	26	L	Z	iP	00 :33 :30	d	11.5°
			EN	eP	00 :33 :30		Off West coast.
			EZ	eS	00 :35 :19		of South Tapanuli
			N	iS	00 :35 :19		
			N	eL	00 :35 :59		
			EN	SeS	00 :46 :31		
				F	00 :18 :		
		B	E	iP	00 :33 :30		
				iS	00 :35 :00		
			N	eP	00 :33 :30		
				eS	00 :34 :57		
				F	00 :51 :00		
		D	Z	iP	00 :33 :17	d	
			NE	eP	00 :33 :17		
			NZ	iS	00 :34 :29		
			E	iS	00 :34 :25		
			NEZ	eL	00 :39.5		
				F	00 :50 :		
102	26	L	Z	eP F	07 :33 :48 07 :34 :		local Shock.
103	26	L	Z	iP	10 :17 :53	C	
			E	iP	10 :17 :55		
				F	10 :24 :00		
		B	E	i F	10 :17 :51 10 :22 :00		Time correction uncertain .
		D	ZE	iP	10 :17 :42	d	
			N	eP	10 :17 :42		
			NEZ	iS	10 :19 :05		
				F	10 :23 :00		
104	26	L	Z	e F	14 :23 :20 14 :26 :		Distant Shock.
105	27	L		faint traces between 09 :59 :00 and 09 :10 :00			
106	27	L	Z	iP F	16 :56 :53 16 :58 :	d	Epic: 7½ N. 42½ W. (U.S.C.G.S.)
107	27	L	Z	iP F	19 :29 :27 19 :32 :00	c	Epic: Off South coast of Honshu. (U.S.C.G.S.)

- 14 -

No.	Date	Stat	Comp.	Phase.	G.M.T.	Dir.	Remarks
FEBRUARY 1955.							
108	27	L	Z	1P	20 ^h :55 ^m :05 ^s	C	75,4°
			E	4P	20 :55 :06		
			E	1S	21 :04 :44		Epic:27½ S - 176 W.
			Z	1	21 :04 :50		(U.S.C.G.S.)
					21 :08 :00		
				F	22 :05 :00		
	27	B	N	1P	20 :55 :21		
				1S	21 :05 :03		
			E	eP	20 :55 :17		
				1S	21 :05 :03		Epic:27½ S - 176 W.
			NE	eL	21 :17 :00		
			N	ML	21 :27 :09		
				F	22 :09 :00		
	27	D	N	1P	20 :55 :16		
				1S	21 :04 :53		Epic:27½ S - 176 W.
			E	1P	20 :55 :15		
				1S	21 :04 :55		
			Z	1P	20 :55 :14	C	
				1S	21 :04 :54		
			ZNE	PP	20 :58 :05		
			NE	SS	21 :09 :43		
			NEZ	eL	21 :13 :5		
			Z	ML	21 :29 :05		
			N	ML	21 :25 :23		
			E	ML	21 :26 :29		
				F	22 :12 :		
109	28	L	Z	eP	01 :08 :08		Epic:52°N. 174 W
				F	01 :11 :		(U.S.C.G.S.)
110	28	L	Z	Faint traces between.			
				10 :24 :00	and 10 :26 :00		Distant Shock.
111	28	L	Z	Faint traces between			
				15 :19 :00	and 15 :22 :00		Distant Shock.
112	28	LL	Z	1P	20 :50 :36	d	
			Z	1	52 :52 :28		Epic:11S- 66½ E.
				ePP	52 :40		
			E	1	20 :52 :49		
				e	20 :56 :31		
				1S	20 :56 :48		
			EZ	eL?	21 :05 :00		
				F	21 :15 :		

- 15 -

No.	Date	Stat.	Comp.	Phase.	G.M.T.	Dir.	Remarks
FEBRUARY 1955.							
112	28	D	Z	eP	20 ^h :50 ^m :13 ^s		faint
			N	e	20 :56 :00		
			E	eL	21 :02 :00		
			N	ML	21 :05 :49		
				F	21 :20 :		
		B	NE	eP	20 :50 :19	40°.4	O = 20 ^h :42 ^m :37 ^s
			E	i	20 :56 :16		Time correction.
			N	eS	20 :56 :23		uncertain.
				F	21 :10 :		Epic : 11 S - 66½ E



Ministry of Communications
Meteorological & Geophysical Service
Djakarta.
S E I S M O L O G I C A L B U L L E T I N
Period : March, April 1955.

Geographical position of the stations.

Djakarta : Lat. $06^{\circ} 11'S$. Long. $106^{\circ} 50'E$ $h = 8$ m .
Seismographs Wiechert Z 1300 Kg.
Wiechert N & E 1000 Kg.

Bandung : Lat. $06^{\circ} 54'S$ Long. $107^{\circ} 39'E$ $h = 726$ m
Seismographs Wiechert N & E 1000 Kg.

Lembang : Lat. $06^{\circ} 50'S$ Long. $107^{\circ} 37'E$ $h = 1295$ m
Seismographs Sprengnether Z ($T = 1,4$ sec.)
Sprengnether N ($T = 3,4$ sec.)
Sprengnether E ($T = 2,5$ sec.)

Constants of the Wiechert Seismographs.

Djak:	NS-Component					EW-Component					Z-Component				
	T	r	E	V	e	T	r	E	V	e	T	r	E	V	e
1955															
March	7.8	0.12	3.28	214	1.13	7.8	0.13	2.81	213	1.23	4.0	0.09	4.03	300	1.5
April	7.8	0.09	3.18	214	1.08	7.8	0.10	2.77	214	1.17	4.0	0.08	3.96	300	1.14
Band:	NS-Component					EW-Component									
	T	r	E	V	e	T	r	E	V	e					
March	5.4	0.11	1.28	231	1.22	4.9	0.07	1.56	195	1.41					

Abbreviations: used in the bulletin.

D = Djakarta station.

B = Bandung station.

L = Lembang station.

c = a compressive first movement.

d = a dilatational first movement.

Remarks:

From March 5th the NS-recording Sprengnether seismograph of Lembang station was out of service because of a breakdown of the galvanometer.

The galvanometer has been repaired and installed on March 25th. During the last two weeks of April the EW-galvanometer was in disorder.

Director
Meteorological & Geophysical Service

(Signature)
(Prof. Ir. R. Goenarso) .-

Address:

Meteorological & Geophysical Service
Djalan Geredja Bugaris 3
Djakarta. (Indonesia) .-

- 16 -

No. Date. Stat. Comp. Phase. G.M.T. Dir.  Remarks.

MARCH 1955.

113	1	L	Z E	1P eS? F	02:05:40 09:06 02:11	d		small
114	1	L	Z E E	e(PKP) e ePP F	05:01:58 02:00 42 05:06			
	1	D	Z NE NE	ePKP? e eSKS? F	05:01:53 04:00 08:45 05:30	d		Epic: 65N, 133W. Mag: 6 $\frac{1}{2}$ - 6 $\frac{3}{4}$ (Pas) 6 $\frac{1}{2}$ (Berk) (USCGS) O = 14 ^h 41 ^m 38 ^s .
115	1	L	Z E Z Z Z	eP e 1! ePP eS F	14:50:27 33 51:05 52:26 57:30 15:05	d d	48°8	Epic: 29 $\frac{1}{2}$ N, 141 $\frac{1}{2}$ E. South of Honshu (USCGS)
116	1	L	Z Z E	1P ePP eS F	17:26:36 28:09 32:43 17:34	c c	40°1	O = 17 ^h :18 ^m :57 ^s . Epic: Maldiva Isls, In- dian Ocean (USCGS).
	1	B	E	e F	17:26:47 17:33			
117	1	L	Z E N E	1P 1P e eS? F	19:12:28 29 30 13:02 19:25	c E	2°6	Compr. from NW Epic: Str. Sunda
	1	D	Z E EN E N ZE	1P 1P 1S 1L M M F	19:12:17 20 39 57 13:41 14:29 19:25	c E WN W	1°6	Compr. from West
	1	B	NE NE E	1P 1S eScS F	19:12:30 13:05 27:18 19:30	WN		O = 19 ^h :11 ^m :47 ^s . Dir: NW - SE
118	2	L	Z	eP F	01:27:14 01:29			foreshock of no.119
119	2	L	Z E E	1P e ePP? F	01:45:02 56 46:45 01:56	c W E		
120	2	D	Z NE NZE N E	1P! eP 1S! e eScS F	03:36:54 55 37:53 38:35 50:44 03:53	d NW N W	5°2	dilat. from NW h = 125 Km. Epic: 2°S, 95 $\frac{1}{2}$ E
	2	L	ZE E E	1P eS eScS F	03:37:06 38:12 50:01 03:53	dW W	6°1	O = 03 ^h :35 ^m :37 ^s . dilat. from West.
	2	B	NE					no minute interruptions.

- 17 -

No.	Date.	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
MARCH 1955.							
121	3	L	ZE E	iP eS F	10:00:53 01:12 10:03	dW	from West. O = 10 ^h :00 ^m :33 ^s
122	3	L	Z Z Z	eP? e e F	14:24:08 14 25:41 14:28		faint
123	4	L	Z	eP F	02:15:05 02:17	d	Epic: 26 $\frac{1}{2}$ S, 176W (USCGS)
124	4	L	Z	iP F	09:52:51 09:54	d	
125	4	L	Z	iP F	11:44:08 11:45	d	Epic: Samoa Isls (USCGS)
126	5	D	Z NE	eP eS F	05:35:08 39:04 05:46	d 21 ⁰ 7 W	Epic: 3N, 127 $\frac{1}{2}$ E (USCGS)
	5	L	NE	power cut off			
127	5	L	Z	i F	08:32:26 08:34	c	
128	5	L	ZE	general unrest between 11 ^h :10 ^m and 11 ^h :35 ^m			
129	5	L	Z	i F	15:22:29 15:24	c	
130	5	L	Z Z Z	ePKP i i F	19:48:31 39 47 19:51	d	Epic: 11N, 144W (USCGS)
131	6	L	Z ZE	eP eS? F	02:59:45 03:03:05 03:06		
132	6	D	Z NE Z NE Z NE NE N	iP iP eS eS iL eL ML ML F	06:19:59 20:01 21:27 29 22:0 22:1 22:04 07 07:05	d 7 ⁰ 8 NW	dilat. from NW O = 06 ^h :18 ^m :02 ^s felt in W. C. and S. Sumatra.
	6	L	Z E E E E ZE	iP eP iS iL ML iScS! F	06:20:12 13 21:54 22:23 47 33:43: 07:00	dW 8 ⁰ 8 E W cE	from West Epic: 2 $\frac{1}{2}$ S, 100 E
	6	B	NE N N	eP e eL? F	06:18:22 19:40 20:13 06:50	NW S	no time correction

- 18 -

No.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	△	Remarks.

MARCH 1955.								
133	6	D	Z	eP	11:00:28		23°0	0 = 10 ^h :55 ^m :28 ^s .
			NE	eP	34	W		
			NE	ePP	59			foreshock of no.134
			ZEN	iS	04:40	NW		
				F	11:30			
	6	L	Z	iP	11:00:27	d	21°7	dilat from East
			E	ePP	55			
			E	eS	04:22	W		Epic: 9½N, 122½E
			E	iSS	05:05	E		(USGS).
			E	eSSS	15	E		
				F	11:30			
	6	B	NE	eP	10:58:45			no time correction
			NE	iS	11:02:47	N		
				F	11:20			
134	6	D	Z	eP	13:38:33	d	22°5	dilat. from NE
			NE	iP	35	NE		
			N	iS	42:36	S		0 = 13 ^h :33 ^m :31 ^s .
			E	eS	36			
			NE	MS	45			
			NE	e	47:22			
				F	14:20			
	6	L	ZE	iP	13:38:31	de	21°9	dilat. from East
			Z	i	42:29	c		
			E	iS	36	W		
			E	eSS	43:06			Epic: 9½N, 122½E
			E	e	47:40			(USGS).
				F	14:20			
	6	B	NE	eP	13:36:42			no time correction.
			NE	eS	40:45			
				F	14:10			
135	7	L	Z	iP	04:55:01	e	60°4	compr. from East.
			E	eP	01	W		
			Z	ePP	57:23	W?		
			E	iS	05:03:16	W		
				F	05:30			
	7	D	Z	iP	04:55:04	c	61°5	0 = 04 ^h :44 ^m :43 ^s .
			E	eS	05:03:25	W		Epic: 18S, 169E
				F	05:20			(USGS).
136	7	L	ZE	iP	06:17:56		1°3	small.
			E	iS	18:14	W		0 = 06 ^h :17 ^m :33 ^s .
				F	06:21			0 = 14 ^h :47 ^m :08 ^s .
137	7	L	Z	iP	14:58:53	d	75°0	
			E	eP	54			
			E	e	15:01:30			
			E	eS	08:30			
			Z	eSS	12:55			Epic: 27½S, 176W
			E	e	16:33			
				F	15:21			Kermadec Isls Region
138	7	L	Z	eP	19:40:52			(USGS).
			E	eP	41:38			faint.
				F	19:44			
139	8	L	Z	e	17:40:37			
				F	17:44			

- 19 -

No.	Date.	Stat.	Comp.	Phase.	G.M.T.	Dir.	Remarks.
MARCH 1955.							
140	8	L	Z	iP	21:18:31		faint.
			E	e	19:01		
				F	21:21		
141	8	L	Z	i	21:30:19	c	faint.
				F	21:31		long distance shock?
142	8	L	Z	eP	23:41:28	c	Epic: 50 $\frac{1}{2}$ N, 156E
				F	23:41		(USCGS).
143	9	L	Z	eP	00:31:52	26 $^{\circ}$ 1	O = 00 $^{\text{h}}$:29 $^{\text{m}}$:21 $^{\text{s}}$.
			E	eS?	00:39:28		Epic: Near East coast
				F	00:47		of Mindanao (USCGS).
144	9	L	Z	eP	03:54:11		Epic: Kermadec Isls
				F	04:00		Region (USCGS).
145	9	L	Z	eP	05:48:08	43 $^{\circ}$ 9	O = 05 $^{\text{h}}$:39 $^{\text{m}}$:58 $^{\text{s}}$.
			Z	e	33		
			E	eS	54:40		
			E	e	56:58		Epic: 9 $\frac{1}{2}$ S, 154 $\frac{1}{2}$ E
				F	06:00		(USCGS)
146	9	L	Z	eP	09:26:03	32 $^{\circ}$ 8	Epic: Off North coast
			ZE	eS	31:20	We	of Formosa (USCGS).
				F	09:36		
147	9	L	Z	ePKP	17:31:31	c	
			Z	ePP	36:25	c?	Epic: 5S, 79W (USCGS)
				F	17:40		
148	10	L	Z	eP	21:22:14		O = 21 $^{\text{h}}$:10 $^{\text{m}}$:20 $^{\text{s}}$.
			E	e	32:26		Epic: 13 $\frac{1}{2}$ S, 173 $\frac{1}{2}$ W
				F	21:35		(USCGS).
149	11	L	Z	eP	21:54:57	c?	Epic: 52N, 158E (USCGS)
			E	e	57:04		
			Z	ePP	58:02	d?	
				F	23:00		
150	11	D	Z	iP	23:37:46	d	O = 23 $^{\text{h}}$:32 $^{\text{m}}$:37 $^{\text{s}}$.
			E	e	41:47	W?	
			N	eS		S	
			N	i	42:09		
			E	e	14		
			N	eSSS	42		Epic: 8N, 124E (USCGS).
				F	23:59		
11		L	ZE	iP	23:37:45	de	23 $^{\circ}$ 1
			E	ePPP	38:19		
			Z	e	41:44		
			E	iS	53	E	
			Z	i	42:04		
			ZE	eSoS	49:00		
				F	23:59		
11		B	NE	eP	23:37:46		22 $^{\circ}$ 2
			E	e	41:46		
			E	eSoS	49:11		
				F	23:59		
151	12	L	ZE	iP	13:35:17	cW	deep focus?
			Z	i	36:00		Epic: 11 $\frac{1}{2}$ S, 167 $\frac{1}{2}$ E
			ZE	eS	43:03	W	(USCGS).
			E	e	44:45		
				F	13:48		

- 20 -

No.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
MARCH 1955.							
152	12	L	Z	ip	14:38:21	d	small local shock.
			E	eS	51		
				F	14:43		
153	12	L	Z	e	16:51:51		0 = 14 ^h :37 ^m :40 ^s .
				F	16:56		
154	13	L	Z	eP	04:15:02		Epic: 35N, 73 ¹ / ₂ E, (USCGS).
				General unrest between 04 ^h :15 ^m and 05 ^h :00 ^m			faint
155	13	L	Z	eP	05:27:48		Epic: 49 ¹ / ₂ N, 155 ¹ / ₂ E (USCGS).
			E	ePP	28:30	W	
			E	e	32:25		
				F	05:40		Epic: Negros Isls Region, h about 200 Km. (USCGS).
156	13	L	Z	eP	19:36:26	d	
			E	eP	28	W	
			E	eS?	39:48		
			E	e	53	W	
			Z	e	40:06		
				F	19:50		
13	D	Z	eP		19:36:28		18 ⁰ .1
		Z	e		38:13		
		N	eS?		39:48		
			F		19:50		0 = 19 ^h :32 ^m :14 ^s .
13	B	E	eP		19:36:25		
		N	e		39:33		
			F		19:50		
157	14	L	Z	eP	02:15:43		small local shock
			E	e	16:07		
			E	eS	18:34		
				F	02:25		
158	14	L	Z	eP	09:15:05	d	small local shock
				F	09:17		
159	14	L	Z	eP	13:24:47		89 ⁰ .2 h = 140 Km.
			Z	ipP	25:22	d	0 = 13 ^h :12 ^m :06 ^s .
			Z	ePP	50	E	
			E	e	29:19		
			E	e	31:15		
			E	iSKS	35:02	W	
			E	iS	22	E	
			E	e	51	W	
			E	ePS	36:00		
			E	eSS	17		
			E	eSS	40:46	W	Epic: 52 ¹ / ₂ N, 173 ¹ / ₂ E (USCGS)
			Z	e	55		Mag: 7(Pas), 6 ³ / ₄ (Berk)
				F	14:00		
14	D	Z	ePP		13:25:22	d	
		Z	ePP		28:25		
		E	e		31:16		
		N	eSKS		34:55		
		N	eS		35:22		
		E	ePS		36:02		
		N	e		42:04		
		E	e		13		
			F		13:50		
14	B	N	e		13:25:28		
		N	ePP		28:52		
		N	e		36:04		
		E	e		16		
			F		13:50		

- 21 -

No.	Date.	Stat.	Comp.	Phase.	G.M.T.		Remarks.
MARCH 1955.							
160	14	L	Z E E	gP gS? g F	23:27:47 28:01 09	d 09.9	0=23 ^h :27 ^m :27 ^s . faint.
161	15	L	Z E	iP g F	08:06:43 07:03 08:11		
162	15	L	Z	g F	11:28:11 11:31		Epic: 14 ^h 18 ^m 18 ^s , 174W (USCGS).
163	15	L	Z E	gP g F	22:52:13 41 22:54	d	small
164	16	L	ZE	gP F	01:47:08 01:50		small local shock
165	16	L	Z	gP F	05:19:27 05:22		faint.
166	16	L	Z E	gP g F	10:53:30 51 10:57		faint.
167	16	L	Z	i F	16:12:11 16:14	c	faint. long distance shock?
168	16	L	Z E	gP gS?	20:19:22 24:57	35.6	0=20 ^h :12 ^m :21 ^s . Epic: Off east coast of Formosa (USCGS).
169	16	L	Z	gPKP F	22:04:20 22:10		Epic: 26 ^h 18 ^m 18 ^s , 115W (USCGS).
170	17	L	Z	gP F	17:43:00 17:51		Epic: New Britain (USCGS).
171	17	L	Z E	gP g F	22:43:04 32 22:46		small local shock
172	18	L	ZE E E	gP gS gL F	00:18:27 28:05 43:00 01:36	cW 75.0	0=00 ^h :06 ^m :42 ^s . Epic: 54 ^h 18 ^m 18 ^s , 161E (USCGS).
	18	D	ZNE E	P iS F	in change of paper 00:27:58 01:50		
173	18	L	Z Z E	gP g gS F	00:45:52 49:31 48	21.7	in coda of no. 172 small shock
174	19	L	Z E	gP g F	19:45:08 40 19:47		small
175	19	L	Z	g F	11:36:11 11:40		Epic: Kermadec Isls region (USCGS).

- 22 -

No.	Date.	Stat.	Comp.	Phase.	G.M.T.	Dir.	△	Remarks.

MARCH 1955.								
176	19	L	Z E	e e F	17:03:39 07:19 17:09			
177	20	L	ZE E E	iP e e F	02:05:21 31 41 02:12	E		small local shock
	20	B	E NN	eP E F	02:06:16 22 02:11			no time correction
178	20	L	Z E	e e F	08:39:09 37 08:47			faint.
179	20	L	Z ZE Z	eP e e F	11:25:38 48 26:10 11:28			small local shock.
180	20	L	Z	ePKP F	20:33:21 20:37			Epic: 15N, 92W (USCGS).
181	21	L	Z	eP F	00:59:30 01:07			Epic: Chagos Isl., Indian Ocean (USCGS).
182	21	L	Z	e F	04:59:00 05:01			
183	21	L	Z Z ZE	iP e eL F	13:08:32 09:51 20:00 13:30	d		Epic: 26N, 98½E (USCGS).
	21	D	Z NE	eP eL F	13:08:34 20:30 13:35			
	21	B	no minute interruptions					
184	22	L	Z	eP F	00:38:41 00:42			faint.
185	22	L	Z E E	eP eS? eL F	06:20:44 26:22 32 06:50	33.8		Epic: 26N, 98½E (USCGS).
	22	D	Z NE	eP eL F	06:20:37 32 06:50	d		
	22	B	NE E	e eL F	06:20:48 32:30 06:50			no time correction.
186	22	L	ZE E E E E	iP eS eL i i F	14:08:51 11:48 14:00 19:06 21:08 16:00	c/E E E	15.9	Compr. from West.

- 23 -

No.	Date.	Stat.	Comp.	Phase.	G.M.T.	Dir.	Remarks.
MARCH 1955.							
186	22	D	ZNE ZE N ZNE	eP e eS eL F	14:08:43 09:38 11:34 14:30 16:00	c/E	15.3 Compr. from West. O = 14 ^h :05 ^m :04 ^s . Epic: 81S, 92E Mag: 7 (Pas) (USCGS).
	22	B	NE N E N	iP e e eL F	14:08:42 11:22 31 14:00 16:00	s/W	no time correction EW component blocked after arrival P-wave
187	22	L	Z	eP F	22:21:50 22:27		faint.
188	23	L	EZ E E	eP eS eScS F	04:58:18 05:01:10 10:28 05:40		15.6 time correction un- certain
	23	D	Z E E	iP iP eS F	04:58:11 13 01:04 05:40	c E	15.5 O = 04 ^h :54 ^m :29 ^s . Epic: Indian Ocean aftershock(USCGS).
	23	B	NE N E	eP eS eScS F	04:58:09 05:01:00 10:19 05:40		15.5 deeper than normal. O = 04 ^h :54 ^m :31 ^s .
189	23	L	Z E	eP eS F	05:14:34 22:44 05:30		59.7 time correction un- certain. Epic: Macquarie Island foreshock(USCGS).
190	23	L	Z E	eP e F	07:06:09 29 07:08		small local shock.
191	23	L	Z Z	eP e F	07:49:06 51:59 07:54		faint.
192	23	L	Z E	eP e F	13:05:11 43 13:09		small local shock.
193	23	D	Z N E	eP eS ePS F	17:26:25 34:34 46 17:50		59.5 O = 17 ^h :16 ^m :17 ^s . Epic: 56S, 147E(USCGS)
	23	L	Z E	eP eS F	17:26:15 34:25 17:41		59.7 time correction un- certain.
	23	B	N E	e e F	17:25:58 34:16 17:50		
194	23	L	Z E	eP eS F	22:32:31 36:51 22:43		24.7 Time corr. uncertain. Epic: 10N, 124E (USCGS).

- 24 -

No. Date. Stat. Comp. Phase. G.M.T. Dir. $\triangle$ Remarks.

MARCH 1955.

194	23	D	Z N E	e e e F	22:32:34 36 38			
	23	B	NE E	e e F	22:45 22:32:22 36:37 22:45			
195	24	L	Z	i F	19:35:40 19:38	d		faint.
196	25	D	N E	e e F	00:44:52 45:58 00:50			small local shock.
	25	L	Z	eP F	00:44:17 00:50			small
	25	B	N	e F	00:44:32 00:50			small.
197	25	D	Z N NE	iP eP eS F	01:42:06 07 34 02:00	d S	2 ⁰ .1	local shock felt in SE of Priangan (West-Java)
	25	L	ZE	iP F	01:41:54 01:50	E		small local shock.
	25	B	NE E	eP eS F	01:41:55 42:11 01:50		1 ⁰ .1	
198	25	L	Z E	eP e F	01:50:39 51:33 01:54			
199	25	D	Z NE	eP iS F	02:22:22 26:25 02:35	c N/E	22 ⁰ .5	0 = 02 ^h :17 ^m :20 ^s .
	25	L	Z E	eP eS? F	02:22:13 26:13 02:30			
200	25	D	NE	e F	10:21:04 10:24			small.
	25	B	N	e F	10:20:38 10:24			
201	25	L	Z E	iP e F	20:03:28 48 20:06			small.
202	27	L	Z E	eP e F	01:31:24 50 01:50			small local shock.
	27	B	NE E	eP e F	01:31:27 43 01:35			
203	27	D	N E	e e F	03:07:49 09:04 03:12			faint.

- 25 -

No.	Date.	Stat.	Comp.	Phase.	G.M.T.	Dir.	Remarks.
MARCH 1955.							
203	27	L	Z E	eP e F	03:06:58 08:12 03:12		faint.
204	27	L	Z	e F	10:14:08 10:17		faint.
205	27	L	Z NE	eP eS F	13:17:38 18:13 13:24	c 2°8	0 = 13 ^h :16 ^m :51 ^s .
	27	D	NE E	e e F	13:18:31 19:34 13:30		faint.
	27	B	N E	e e F	13:17:40 18:14 13:24		faint.
206	27	L	Z E	eP eS? F	14:05:45 10:47 14:15		faint Epic: 22½N, 120½E (USCGS).
207	27	L	Z E	eP e F	14:46:22 55:41 15:10		Epic: 30°N, 90E, East- tern Tibet. (USCGS).
	27	D	N E E	e e eS? F	14:46:19 47:52 52:13 15:10		faint.
208	28	D	ZEN E	eP iS F	09:20:04 26:25 09:40	c/s/W 42°2 E	0 = 09 ^h :12 ^m :08 ^s . Epic: 29N, 130E. (USCGS)
	28	L	Z ZE E	iP eS e F	09:19:57 26:13 26:34 09:35	c 41°4	
	28	B	no minute marks.				
209	28	L	Z	e F	14:58:51 15:03		faint. Epic: 38N, 21E. (USCGS)
210	28	L	Z	e F	15:09:56 15:14		faint. Epic: 53°N, 160°E (USCGS).
211	28	D	Z E Z	eP i e F	19:02:59 03:40 04:18 19:10	c E	local shock.
	28	L	ZE	iP F	19:02:49 19:10	c/E	small.
	28	B	NE	eP F	19:02:47 19:10		faint.
212	28	D	Z NE NE	eP eP eS F	21:02:10 11 31 21:12	d S/W 1°5	dilatation from SW. 0 = 21 ^h :01 ^m :42 ^s . local shock felt in S-Bantam (West-Java).
	28	B	E NE	eP e F	21:02:12 38 21:10		local shock

- 26 -

No.	Date.	Stat.	Comp.	Phase.	G.M.T.	Dir.	Remarks.
MARCH 1955.							
	28	L	ZE	iP F	21:02:13 21:10	d/W	dilatation from West.
213	29	D	Z NE	eP eS F	13:58:16 40 14:05	E/S	1.08 local shock felt in Bantam (West-Java). O = 13 ^h :57 ^m :43 ^s .
	29	L	Z N	eP i F	13:58:21 36 14:03	d? N	small local shock.
	29	B	NE	e F	13:58:25 14:05		
214	30	L	Z	e F	01:31:24 01:35		faint. Epic: 31N, 138E. (USCGS).
215	30	L	Z	e (PKP) F	14:00:13 14:03		long distant shock?
216	30	L	Z	eP F	15:40:10 15:50		faint.
217	31	L	Z	eP F	13:36:51 13:40		small local shock.
218	31	L	Z	i F	16:34:27 16:37	c	faint.
219	31	L	Z E E	eP eS eL F	18:22:03 26:07 30:35 20:00	c	22.06 O = 18 ^h :17 ^m :00 ^s . Strong shock felt near NW-coast of Mindanao. Epic: 8N, 124E. Mag: 7½ (Pas, Berk) (USCGS)
	31	D	Z NE N	eP eP eS? F	18:22:02 04 26:16 20:00	d	no clear S-wave
	31	B	no hour - & minute marks.				
220	31	L	Z E	eP eS? F	20:57:43 21:01:53 21:30	c	after shock of no. 219
	31	D	Z NE E	eP eP eS? F	20:57:42 43 21:01:56 21:30	S/W	after shock of no. 219
221	31	L	Z	iP F	23:40:29 23:44	d	faint.
222	31	L	Z E	iP eS? F	23:45:57 50:06 24:00	c	after shock of no. 219 Epic: 8N, 124½E (USCGS).
APRIL 1955.							
223	1	L	Z	iP F	08:50:23 08:55	d	faint.
224	1	D	Z N E	e • e F	23:26:55 28:55 29:00		faint. in change of record.

- 27 -

No.	Date.	Stat.	Comp.	Phase.	G.M.T.	Dir.	Remarks
April. 1955.							
225	2	L	Z	eP	23:22:08		Small local shock.
			E	eF	23:26 ¹⁷		
226	2	L	Z	erF	23:54:11 23:57		Small.
	2	B	NE	no minute marks			
227	4	D	Z	ir	11:17:46 d	31°4	o = 11 ^h ; 11 ^m ; 21 ^s epic: 22N, 121E Mag 6 (Pas) (USCGS)
			N	eP	47 s		
			N	eS	22:53		
			NE	eL	28		
				F	12:00		
	4	L	Z	eP	11:17:49	31°8	
			E	eS	22:59		
				F	12:00		
	4	B	N	eP	11:17:47 N	31°6	S-wave very pronounced.
			E	eip	47 E/W		
			NE	iS	22:56 S/E		
				F	12:00		
228	4	D	Z	e	14:15:22		faint by micros.
			NE	e	34		
				F	14:23		
	4	L	Z	iP	14:15:03 d		small
			E	e	29		time correction un-
				F	14:20		certain.
	4	B	NE	er	14:14:55		faint
			NE	e	15:12		
				F	14:20		
229	4	L	Z	ePKP	19:44:51		faint by micros.
				F	19:48		epic: 13N, 87W Mag: 6 1/4 (Pas) (USCGS)
230	5	L	Z	eP	03:13:02	22°9	faint in micros
			E	eS	17:08		O = 03 ^h ; 07 ^m ; 56 ^s .
				F	03:20		epic: near south-
							west coast of Mindan
							ao (USCGS).
231	5	LL	Z	eP	11:30:41		faint in micros.
			E	ePP	32:22		
				F	11:40		
	5	D	Z	eP	11:30:47		faint
			N	eS?	36:55		epic: 13N, 142E
				F	12:00		(USCGS).
232	5	L	Z	e	13:55:12		faint in micros.
				F	14:00		epic: 21 1/2N, 121E (USCGS)
233	5	L	Z	eP	14:09:04	30°6	O = 14 ^h ; 02 ^m ; 46 ^s .
			E	eS	14:06		epic: 23N, 121E (USCGS)
				F	14:25		
	5	D	Z	er	14:09:16		faint
			E	e	14:01		
				F	14:30		
234	5	L	Z	e (HKP)	15:28:28		faint
				F	15:35		epic: 25N, 110W
		D	Faint traces between				Mag: about 7 (Pas)
			15.30 G.M.T. & 16.00 G.M.T.				(USCGS)

- 28 -

No.	Date	Stat.	Comp.	Phase	G.M.T	Dir.	Remarks.
APRIL. 1955.							
235.	5	L	Z E	eP eS	17:00:15 08:25	59°3	O = 16 ^h ;50 ^m ;09 ^s . Epic: 800 mls S. of Tasmania (USCGS).
		D	Faint traces between 17.00 G.M.T. & 17.30 G.M.T.				
236	6	D	Z E	iP eS F	12:58:41 c 13:04:58 13:40	41°6	faint in micros O = 12 ^h ;50 ^m ;50 ^s . Epic: 17 ¹ / ₂ S, 66 ¹ / ₂ E (USCGS)
	6	L	Z E	iP eS? F	12:58:45 c 13:00:07 13:30		no clear S-wave
	6	B	Faint traces between 13.00 G.M.T. & 13.20 G.M.T.				
237	6	D	E N Z	e e e F	17:28:43 46 47 17:50		faint
	6	L	Z	iP F	17:28:11 c 17:40		no clear S-wave
	6	B	Faint traces between 17.29 G.M.T. & 17.35 G.M.T.				
238	6	D	Z ZE N NE NE	iP ePP eS eSSS eL F	19:55:27 c 56:30 20:00:47 03:11 05:30 21:00	33°2	in minute break. O = 19 ^h ;48 ^m ;46 ^s . Epic: 33 ¹ / ₂ S, 87 ¹ / ₂ E (USCGS).
	6	L	Z E	iP eS F	19:55:24 c 20:00:44 20:30	33°2	time correction uncer- tain. O = 19 ^h ;48 ^m ;44 ^s .
	6	B	NE NE	e e F	19:57:00 58:00 20:30		in minute break. in minute break. no time correction.
239	6	L	Z NE	iP eS F	23:08:42 d 09:01 23:15	1°4	small local shock. O = 23 ^h ;08 ^m ;15 ^s .
	6	D	Faint traces between 23.00 G.M.T. & 23.30 G.M.T.				
240	7	L	Z E N	eP e e F	03:46:36 50 47:00 03:53		small.
	7	B	NE	e F	03:46:45 03:53		small.
241	8	L	Z	e F	03:12:20 03:20		faint
	8	B	Faint traces between 03.12 G.M.T. & 03.30 G.M.T.				
242	8	L	Z	i F	10:26:24 d 10:35		faint
243	9	L	Z E	eP e F	01:34:16 28 01:40		faint Foreshock of no. 245.

- 29 -

No.	Date.	State.	Comp.	Phase.	G.M.T.	Dir.	Remarks.
APRIL 1955.							
244	9	D	NE	e F	06:59:29 07:05		faint. Foreshock of no.245.
	9	L	Z E	iP eS? F	06:58:48 59:02 07:05		in minute break. foreshock of No:245
	9	B	NE	eP F	06:58:50 07:50		faint. time correction uncer- tain.
245	9	D	Z NE ZNE	iP iP eS F	15:43:14 16 25 16:20	c N/E	+0.7 horizontal comp. blocked after arrival of S-wave Felt in NW of Priangan (-JAVA).
	9	L	Z E	eP eS	15:43:18 34 16:00		
	9	B	NE NE	eP eS? F	15:43:20 41 15:55		time correction uncer- tain.
246	10	D	Z NE N NE	iP eP eS eL F	17:43:11 13 47:11 54:00 18:20	c N/W	22.0 O = 17 ^h :33 ^m :12 ^s . Epic: 8N, 125E (USCGS).
	10	B	NE NE NE	eP eS e F	17:43:12 47:13 36 18:10	W/N	22.3
	10	L	Z NE E	iP eP eS? F	17:43:11 11 47:17 18:20	c S/W	time correction uncer- tain. no clear S-wave.
	10	L	Z E	eP e F	17:53:05 23 in coda of no.246.		in coda of no.246.
247	11	L	Z E	eP eS F	00:57:56 01:03:56 01:10		39.1 time correction uncer- tain. Epic: 6S, 147 ^h 1E. O = 00 ^h :50 ^m :21 ^s . (USCGS)
248	11	L	Z	eP F	09:35:25 09:40	d	faint.
249	11	L	Z	eP F	16:34:29 16:40		faint.
250	11	L	Z Z	(ei)P e F	19:27:02 38 19:33	d/c	faint. in minute break.
251	12	D	Z N	eP e F	13:40:06 44:28 14:00		faint.
	12	L	Z	eP F	13:40:05 13:50		faint. no clear S-wave
	12	B	Faint traces between 13.40 G.M.T. & 13.50 G.M.T.				
252	13	L	Z	e F	03:51:44 03:55		very faint. Epic: Fiji Islands Region (USCGS).

- 30 -

No.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks.
APRIL 1955.							
253	13	L	Z	e F	11:46:45 11:50		very faint. Epic: 24N, 120 $\frac{1}{2}$ E, (USCGS).
254	13	L	Z E	eP eS F	20:58:47 21:09:39 21:15	90°0	0 = 20 ^h :45 ^m :44 ^s . Epic: 37 $\frac{1}{2}$ N, 22E (USCGS).
255	14	D	Z N ZE NE Z	eP (e1)P eS eL eL F	01:36:07 09 41:49 48:00 49:00 04:00	d N/S 36°4	0 = 01 ^h :28 ^m :59 ^s . Long wave good deve- loped. Epic: 30N, 101 $\frac{1}{2}$ E Mag: 7 $\frac{1}{4}$ (Pas.) 7 (Berk) (USCGS).
	14	L	Z E E	eP eS eL F	01:36:12 41:59 47 03:30	37°1	
	14	B	NE N NE	eP eS eL F	01:36:16 42:01 49:00 03:00	36°9	0 = 01 ^h :28 ^m :58 ^s . no time correction
256	15	D	Z NEZ E E NE	eP ePPP eS eSSS eL F	03:50:21 53:33 57:57 04:03:31 08:00 06:00	d 54°1	in minute break. 0 = 03 ^h :40 ^m :52 ^s . Epic: 40N, 74 $\frac{1}{2}$ E Mag: 7 (Pas.) 6 $\frac{3}{4}$ - 7 (Berk). (USCGS).
	15	L	Z E E	eP eS e F	03:50:27 58:09 04:00:05 05:00	55°1	0 = 03 ^h :40 ^m :51 ^s .
	15	B	N E E NE	e(P) e(P) e(S) eL F	03:50:33 43 58:09 04:08:00 05:00		
257	15	L	Z E	eP eS? F	04:23:09 30:47 in coda of no.256		in coda of no.256. aftershock of no.256
258	15	L	Z	e F	15:02:34 15:07		faint.
259	15	L	Z E	eP e F	21:21:25 46 21:25		small local shock.
260	16	L	ZE	eP F	11:04:08 11:06		small local shock.
261	16	L	Z	e F	21:58:48 22:03		faint in micros.
262	16	L	Z E	eP e F	23:43:24 44 23:46		small local shock.
263	17	L	Z	eP F	14:43:05 14:54		small.
264	17	D	Z E	eP eS F	18:46:56 56:24 19:20	c 73°2	Epic: 52N, 159 $\frac{1}{2}$ E Mag: 6 $\frac{3}{4}$ (Pas.) (USCGS).

- 31 -

No.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks.
APRIL 1955.							
264	17	L	Z	iP	18:46:54	c	
			Z	e	51:12		
				F	19:00		
	17	B	Faint traces between 18 ^h :47 ^m and 19 ^h :40 ^m .				
265	17	L	Z	iP	22:55:43	c	
				F	23:03		
266	18	L	Z	eP	08:54:54	c	faint.
				F	09:00		Epic: about 150 miles off N-coast of Formosa (USCGS).
267	18	L	Z	e	21:18:22		faint.
				F	21:21		
268	19	L	General unrest between 07 ^h :17 ^m and 07 ^h :31 ^m .				
269	19	L	Z	eP	07:32:44		
				F	07:43		
	19	D	Faint traces between 07 ^h :33 ^m and 07 ^h :50 ^m .				
270	19	L	Z	iP	14:38:41	c	Epic: 28S, 176 ¹ / ₂ E, h about 100 km. (USCGS)
			Z	e	39:07		
				F	14:42		
271	19	L	Z	eP	15:02:53		faint in micros.
			Z	e	07:01		
				F	15:11		
272	19	L	Z	eIP	17:00:18	d/c	faint; small dilatation followed by greater compression
				F	17:07		Epic: 39 ¹ / ₂ N, 23E (USCGS)
	19	D	Faint traces between 17 ^h :00 ^m and 17 ^h :20 ^m .				
273	19	D	Z	ePKP	20:43:45		Epic: 30S, 72W.
			NE	e (PP)	46:41		Mag: 7 (Pas.).
			E	e (PPP)	49:45		Extensive damage from water waves at Tongoy and La Serena (USCGS).
			E	e (SKS)	50:45		
			N	e (SKKS)	53:30		
			N	e (PS)	57:06		
				F	23:00		
	19	B	NE	ePKP	20:43:45		in minute break.
			E	e	47:29		
			NE	e	53:59		
			N	eL	21:08:30		
				F	22:30		
	19	L	Z	ePKP	20:43:35	d	
				F	22:30		
274	20	L	Z	iP	01:23:23		faint in micros.
				F	01:32		
	20	D	NE	e	01:24:21		faint in micros.
				F	01:40		
275	20	L	Z	e	02:32:07		faint in micros.
				F	02:50		Epic: 30 ¹ / ₂ S, 72 ¹ / ₂ W.
							Mag: 6 ¹ / ₂ (Pas) (USCGS).
	20	D	Faint traces between 02 ^h :30 ^m and 02 ^h :50 ^m .				

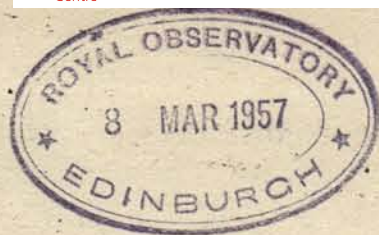
- 32 -

No.	Date.	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks.
APRIL 1955.							
276	20	L	Z	e F	06:08:04 06:25		faint ini micros. Epic: 30 $\frac{1}{2}$ S, 72 $\frac{1}{2}$ W. Mag: 6 $\frac{1}{2}$ (Pas.) (USCGS).
	20	D	NE	e F	06:09:27 06:30		faint in micros.
277	20	L	Z E E	iP eS e F	09:48:53 52:43 53:05 10:15	d? 21.0	0 = 09 ^h :44 ^m :06 ^s . Epic: 1N, 126E (USCGS).
	20	D	E N NE	e e eL F	09:50:39 53:30 56:00 10:25		no clear P/S-wave
	20	B	Faint traces between 09 ^h :48 ^m and 10 ^h :10 ^m .				
278	20	L	Z	eP Z	13:36:40 13:39		small local shock.
279	20	L	Z	eP F	15:58:55 16:02		small
280	20	L	Z	eP F	18:30:21 18:32		in minute break. small
281	21	L	Z N	iP e F	22:44:33 54 22:50	d	small
282	22	L	Z Z	eP e F	14:25:10 32 14:28		small local shock.
283	22	L	Z	e F	16:06:05 16:09		faint.
284	22	L	Z	i F	16:38:03 16:45	d	faint.
285	23	L	General unrest between 14 ^h :29 ^m and 14 ^h :50 ^m .				
286	23	L	Z	iP	16:46:44	d	
			Z	e F	48:16 17:00		in minute break.
	23	D	Z E E	eP eS e F	16:46:45 52:57 56:43 17:00		faint in micros; no clear S-wave. Epic: 27 $\frac{1}{2}$ N, 139 $\frac{1}{2}$ E. h about 500km. (USCGS)
287	23	L	Z Z	eIPKP ePP F	18:47:55 50:05 19:00	d/c	Epic: 24 $\frac{1}{2}$ S, 113W. Mag: 6 $\frac{3}{4}$ (Pas.) (USCGS)
		D	Z E	ePKP ePP F	18:48:03 51:27 19:00	s W	faint in micros.
288	23	L	Z	iP F	19:07:44 19:10		small.
289	23	L	Z	ePKP F	20:00:48 20:02		faint. Chile foreshock. (USCGS).
290	24	L	General unrest between 05 ^h :19 ^m and 05 ^h :33 ^m .				

- 33 -

No.	Date.	Stat.	Comp.	Phase.	G.M.T.	Dir.	Remarks.
APRIL 1955.							
291	24	L	Z	e F	08:17:17 08:25		faint.
292	24	L	Z	e F	13:08:46 13:20		faint. Epic: 45N, 86E. (USCGS).
	24	D	Faint traces between 13 ^h ;10 ^m and 13 ^h ;40 ^m .				
293	24	L	Z	e F	19:00:41 19:02		small.
294	25	L	General unrest between 09 ^h ;30 ^m and 13 ^h ;00 ^m				
295	26	L	Z	ePKP F	03:23:31 03:30		Epic: 13 ¹ / ₂ N, 89 ¹ / ₂ W Mag: 6 ¹ / ₂ (Pas) (USCGS).
296	26	L	Z	e F	08:44:10 08:50		faint.
297	27	L	Z	e e F	13:32:42 33:00 13:35		faint.
298	27	L	Z	iP F	20:53:01 20:57	d	small local shock.
299	28	L	Z	iP e F	07:38:46 39:04 07:42	d	small local shock.
300	28	L	Z	iP e F	16:38:33 51 16:43	c	small.
	28	B	NE	e F	16:39:00 16:41		inminute break.
301	28	L	Z	eP ePP F	19:17:34 20:51 19:33	c	Epic: 51N, 178 ¹ / ₂ W. Mag: 6 ¹ / ₂ (Pas) (USCGS).
302	28	L	Z	iP F	21:56:43 22:03	c	deeper than normal. Epic: 20S, 169 ¹ / ₂ E (USCGS).
303	30	L	Z	iP F	00:45:34 00:49	c	small local shock.
304	30	L	Z	e F	11:25:12 11:30		faint.
305	30	L	Z	iP F	14:14:50 14:20	d	faint. Epic: 40 ¹ / ₂ N, 143E (USCGS).

REPUBLIK - INDONESIA.



Ministry of Communications
Meteorological & Geophysical Service
Djakarta.

SEISMOLOGICAL BULLETIN

Period : May, June 1955.

Geographical position of the stations

Djakarta : Lat. $06^{\circ} 11'S$; Long. $106^{\circ} 50'E$; $h = 8$ m
Seismographs ; Wiechert Z 1300 kg.
Wiechert N & E 1000 kg.
Bandung : Lat. $06^{\circ} 54'S$; Long. $107^{\circ} 39'E$; $h = 726$ m
Seismographs ; Wiechert N & E 1000 kg.
Lembang : Lat. $06^{\circ} 50'S$; Long. $107^{\circ} 37'E$; $h = 1295$ m
Seismographs ; Sprengnether Z ($T = 1.7$ sec.)
Sprengnether N&E ($T = 15$ sec.)

Constants of the Wiechert seismographs.

<u>Disk.</u>	<u>N.S. Component</u>						<u>E.W. Component</u>						<u>Z. Component</u>					
1955	T	r	EE	VV	ee	T	r	r	EE	VV	ee	T	T	r	EE	EE	ee	V
May	7,8	0,07	3,30	214	1,08	7,8	0,13	2,67	214	1,15	4,0	0,09	3,58	1,15	300			
June	7,8	0,09	3,16	214	1,09	7,8	0,11	2,84	214	1,13	3,9	0,07	3,55	1,13	300			
<u>BAND</u>	<u>N.S. Component</u>						<u>E.W. Component</u>											
June	5,5	0,05	1,47	217	1,10	5,0	0,04	2,00	209	1,33								

Abbreviations : used in the bulletin

D = Djakarta Station

B = Bandung Station

L = Lembang Station

c = a compressive first movement

d = a dilatational first movement

r = a first movement to the right as seen from the Epicenter

e = a first movement to the left as seen from the Epicenter

Director
Meteorological & Geophysical Service

Address :

Lembaga
Meteorologi dan Geofisik
Djl. Geredja Inggris No. 3
Djakarta (Indonesia).-

[Signature]
Prof. Ir. R. Goenarso).-

- 1 -

No.	Date.	Stat.	Comp.	Phase.	G.M.T.	Dir.	Remarks
MAY 1955.							
306	1	L	Z	iP N eP e eS F	10 ^h :05 ^m :03 ^s 10:05:05 10:07:53 10:12:59 10:24	C	57.5 Epic: 39 ¹ / ₂ N - 143 ¹ / ₂ E (U.S.C.G.S.)
		D	N	eP eS F	10:05:09 10:12:57 10:47		Strong microses
307	1	L	Z	iP eS F	14:08:38 14:16:26 14:30	d	58 Epic: 39 ¹ / ₂ N - 143 ¹ / ₂ E Honshu aftershock (U.S.C.G.S.)
		D	N	e? iS F	14:08:54 14:16:24 14:37		Strong microses
308	2	L	Z	iP ePP? iS F	12:47:21 12:49:10 12:54:08 13:06	d	46.3 Epic: 19 ¹ / ₂ N - 145E (U.S.C.G.S.)
309	3	L	Z	iP eS F	15:24:59 15:33:01 15:40:	d	58.3 Epic: 12 ¹ / ₂ S - 166 ¹ / ₂ E (U.S.C.G.S.) no clear s waves
310		L	Z	iP i i eS F	17:17:14 17:17:25 17:18:44 17:25:15 17:33	d	58.2 Epic: 39 ¹ / ₂ N - 143E (U.S.C.G.S.) no clear s waves
311		L	ZN E ZE N	iP eP iS iS F	22:54:40 22:54:41 22:55:02 22:55:04 23:06	dN	1.6 Prev Epic: 7°S - 106°E
	3	D	Z N	eP eP eM F	22:54:56 22:54:57 22:55:36 22:59		
		B	NE NE	eP eS F	22:55:06 22:55:26 22:31		1.5
312	4	L	Z	iP eL F	00:23:51 00:35:56 00:53	d	Epic: 28N - 96 ¹ / ₂ E (U.S.C.G.S.)
		D	E N	eL LM e F	00:35:21 00:36:22 00:36:46 00:53		
313		L	Z	iP i F	15:29:53 15:30:18 15:38	d	local shock
314		L	Z	e F	17:38:55 17:42		small local shock
315	5	L	Z	iP F	05:59:44 06:10	C	Epic: 33S - 179 ¹ / ₂ W strong micros.

- 2 -

No.	Date.	Stat.	Comp.	Phase.	G.M.T.	Dir.	Remarks
May 1955.							
316	5	L	Z	e F	11 :02 :14 11 :14		f a i n t
317	6	L	Z	iP F	00 :14 :12 00 :20	C	Epic: 40N -143E (U.S.C.G.S.)
318	8	L	Z	eP F	13 :40 :28 13 :45	C	small local shock
319	8	L	Z	iP F	18 :40 :55 18 :44	d	small local shock
320	9	L	Z	eP F	20 :25 :05 20 :32	d	Epic: 41N - 145E (U.S.C.G.S.)
321	10	L	Z	iP e F	04 :24 :08 04 :37 :22 04 :10	d	local shock
				eP e F	08 :15 :35 08 :18 :45 08 :24		
322	11	L	Z	iP iS F	00 :48 :21 00 :52 :09 01 :03	d	20.8°
323	11	L	Z	iP F	08 :38 :16 08 :42		small local shock
324	11	L	Z	iPkP i eSks F	11 :24 :09 11 :25 :34 11 :29 :18 11 :41	d	Epic: 0° - 78W Mag: 6 $\frac{3}{4}$ (U.S.C.G.S.)
325		D	N NE	e e F	11 :29 :30 11 :36 :35 11 :53 :00		f a i n t.
326		L		eP F	15 :58 :00 16 :02		Epic: 36N -140 $\frac{1}{2}$ E (U.S.C.G.S.)
327	11	L	Z	iP eS F	19 :27 :13 19 :29 :39 overlapped	d	14.3 Epic: Banda sea. (U.S. .G.S.)
	11	D	I	e i i F	19 :30 :02 19 :30 :26 19 :32 :25 19 :40		f a i n t .
		B	N	faint traces between 19.30.00 and 19.36.00			Very faint.
328	11	L	Z	e i	19 :37 :23 19 :37 :59		in coda of No.327
329	12	L	Z	e F	07 :37 :43 07 :40		Epic: 22S - 68W (U.S.C.G.S.)
330	14	L	Z	iP i F	06 :11 :53 06 :17 :05 06 :25	d	Epic: 28N - 139 $\frac{1}{2}$ E h $\approx$ about 500 km Mag: 6 $\frac{3}{4}$.
	14	D	Z E	iP iS F	06 :11 :57 06 :18 :09 06 :38	d	Strong micros
				F	overlapped		

No.	Date.	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks.
MAY 1955.							
330		B	NE	iP i eS F	06 ^h :11 ^m :58 ^s 06:13:16 06:18:25 06:27	d 49°	f a i n t
331	14	L	Z	eP i F	13:43:01 13:45:28 13:54		Epic: 37N - 71½E h about 200 km.
332	14	L	Z	eP F	17:59:58 18:04		distant shock
333	15	L	Z	iP i F	07:42:51 07:46:20 07:57	c	strong micros.
334	17	L	Z NE Z E N EZ N ZE Z	eP eP iPP i i iS iS eL LM F	14:54:07 14:54:09 14:54:29 14:55:33 14:56:10 14:57:27 14:57:26 15:00:15 15:06:50 16:34	d 18.1°	Epic: 7N - 94½E C = 14 ^h :49 ^m :5 ^s
	17	D	Z N E	eP eP eP i	14:53:57 14:53:58 14:53:56 14:55:09	c	
	17	B	EN E N E N EN N	eP i i iS iS eL LM F	14:54:19 14:56:00 14:55:56 14:57:45 14:57:47 15:00 15:03 16 :29	18.7	
335	18	L	Z	eP F	05:32:20 05:48	c	Epic: 23N -121½E(U.S. C.G.S)strong micros.
336	18	L	Z	eP F	09:29:10 09:40	d	Aftershock of No 30 strong micros.
337		L	Z	eP? F	15:53:56 15:59	c	Epic: 5S - 150E(U.S. C.G.S)strong micros.
338	19	L	Z NE E	iP eP eS F	02:12:33 02:12:34 02:13:19 02:22	c 3.8°	Prov.Epic:6S-103½E
/		D	Z NE N EZ N	eP eP iS eS eL F	02:12:25 02:12:27 02:12:59 02:13:00 02:14,4 02:37	c 2.7°	
		B	EN E	eP iPP? iS eL F	02:12:34 02:12:43 02:13:21 02:14,1 02:21	3.9°	
/		L		eL	02:13,5		
338							

- 4 -

No.	Date.	Stat.	Comp.	Phase.	G.M.T.	Dir.	Remarks.
MAY 1955.							
339	20	L	Z	eP	12 ^h :15 ^m :05 ^s		
			N	e	12:15:33		local shock
				F	12:22		
340	20	L	Z	iP	14:21:03	d	local shock
				F	14:24		
341	21	L	Z	eP	01:38:51		Epic: 29N- 140E
				F	01:43		Fine shock of No 37
342		L	Z	iP	03:38:43	c	(U.S.C.G.S.)
			NE	eP	03:38:45		Epic: 29N- 140E
			Z	i	03:38:46		(U.S.C.G.S.)
				eM	03:40.7		
				F	03:46		
		D	EZ	eP	03:38:45		47.3
			N	eP	03:38:47		
				iPP	03:40:51		
				eS	03:45:39		
				F	04:03		
343		L	Z	iP	15:29:17	o	7.5 Epic: Eastern Java
			N	eP	15:29:18		(U.S.C.G.S.)
			Z	iPP	15:29:31		
			N	i	15:30:11		
				eS	15:30:42		
			Z	iS	15:30:43		
				eL	15:31.8		
				F	15:44		
		D	Z	eP	15:29:07	c	f a i n t.
			E	eM	15:33:05		no clear S.waves.
				F	15:44		
		B	Faint traces between 15.29.00 and 15.35.00				
344		L	Z	eP	15:51:11		local shock
				F	15:55		
345	22	L	Z	iP	14:14:03	d	local shock
				F	14:18		
346	23	L	Z	eP	05:11:01		local shock
				F	05:15		
347		L	Z	eP	17:52:09		Distant shock.
				F	17:57		
348	25	L	Z	iP	15:42:11	d	local shock
				F	15:44		
349	26	L	Z	eP	04:55:33		
			E	eP	04:55:53		distant shock
			Z	i	04:56:57		
				F	05:02		
		D	Z	iP	04:55:54		
			N	i	04:57:52		
			Z	i	04:58:06		
			E	i	04:58:14		
				F	05:11		
		B	faint traces between 04.55.00 and 05.04.00				
350		L	Z	iP	16:32:19	c	53° Epic: 10S - 161E
			N	eP	16:32:19		Mag: 7 (Pas)
			Z	iPP	16:34:21		(U.S.C.G.S.)
				iPPP	16:35:33		
			ZE	eS	16:39:48		
			Z	eL	16:43:16		
				F	16:52		

- 5 -

No.	Date.	Stat.	Comp.	Phase.	G.M.T.	Dir.	Remarks
MAY 1955.							
		D	Z	eP	16 :32 :35		52.7°
			N	eS	16 :40 :02		
				e	16 :34 :14		
			E	e	16 :33 :51		
				F	17 :05		
		B	faint traces between 16.32.00 and 16.50.00				
351	26	L	Z	iP	21 :29 :59	o	52.2°
				iS	21 :37 :23		Epic: 10S - 160 $\frac{1}{2}$ E (U.S.C.G.S.)
				iPPP?	21 :32 :51		
				F	21 :44		
		D	Z	eP	21 :30 :21		51.2
			NE	eS?	21 :37 :39		Very faint.
				F	21 :49		
352	27	L	Z	iP	12 :35 :46	o	Epic: 10S - 160 $\frac{1}{2}$ W (U.S.C.G.S.)
				i	12 :38 :09		
				F	12 :52		
353		L	Z	iP	19 :08 :45	o	9.7
			NE	iP	19 :08 :45		
			N	iPP	19 :08 :51		
				iPPP	19 :09 :04		
				iS	19 :10 :36		
			Z	eS	19 :10 :28		
			E	eS	19 :10 :31		
			N	eSS?	19 :10 :48		
				F	overlapped		
		D	Z	eP	19 :09 :01		10.1
			NE	eP	19 :09 :03		
			Z	ePP	19 :09 :09		
			E	ePP	19 :09 :12		
				eS	19 :10 :57		
			N	eS	19 :10 :59		
				i	19 :12 :03		
			E	eM	19 :12,4		
				F	19 :26		
		B	E	eP	19 :08 :52		9.0
			N	eP	19 :08 :53		
				ePP	19 :09 :03		
			NE	ePPP	19 :09 :09		
				iS	19 :10 :35		
				F	overlapped.		
354		L	Z	iP	19 :21 :21	o	distant shock.
				i	19 :21 :53		
			E	e	19 :21 :25		
			N	e	19 :21 :27		
				F	19 :24		
		B	N	e	19 :21 :29		
			E	e	19 :21 :30		
				F	19 :25		
355	28	L		iP	06 :39 :47	o	Epic: 30 $\frac{1}{2}$ S - 65W h about 200 km. Mag. 6 $\frac{3}{4}$ (USCGS) Strong micros.
				F	06 :51		
		D	Z	iP	06 :39 :49	o	10.7
				F	06 :52		Strong micros.
		L	Z	iP	13 :11 :38		local shock.
			N	e	13 :12 :25		
				F	13 :16		

- 6 -

No.	Date.	Stat.	Comp.	Phase.	G.M.T.	Dir.	Remarks.
MAY	1955.						
357		L	Z	1P F	22 :23 :20 22 :30	d	Epic: 17 $\frac{1}{2}$ S - 179W h about 600 km. (U.S.C.G.S.)
358	29	L	Z	1P F	01 :27 :17 01 :31 :00	c	Epic: 24S - 177 $\frac{1}{2}$ E h about 600 km. (U.S.C.G.S.)
359		L	Z	1P F	02 :41 :52 02 :46 :00	d	Epic: 50N - 151E h about 400 km. (U.S.C.G.S.)
360		L	Z	1P 1PP F	04 :11 :54 04 :15 :15 04 :20	d	Epic: Bouvet isl ne- gion. (U.S.C.G.S.)
361		L	Z	1P F	11 :17 :42 11 :22	c	Epic: 49N - 157E (U.S.C.G.S.)
362		L	Z E Z	1P eP 1S F	12 :33 :16 12 :33 :17 12 :33 :24 12 :41	d	0,4 distant shock
	29		Z	faint traces between 12.33.00 and 12.37.00			
363		L	Z E N Z NE E N	1P eP eP 1PP 1PPP 1S eL ScS F	15 :35 :17 15 :35 :19 15 :35 :24 15 :35 :24 15 :35 :32 15 :36 :27 15 :37 :13 15 :49 :25 17 :31	d	6° Prov. Epic: 10 $\frac{1}{2}$ S - 111 $\frac{1}{2}$ E felt in Eastern Java
		B	E N E	eP eP ePP ePPP	15 :35 :06 15 :35 :08 15 :35 :15 15 :35 :24		5.6 E - W component in dis order.
			N	1S 1S eL 1 F	15 :36 :22 15 :36 :24 15 :36 :59 15 :52 :15 17 :08		
		D	NE E N	eP 1PPP 1S 1S ScS	15 :35 :36 15 :35 :53 15 :37 :02 15 :36 :57 15 :49 :45		7.0° Z. Component in dis order.
364	30	L	Z NE Z E Z E Z N E N	1P eP 1pP 1pP 1 1 1S 1S 1S 1 ScS 1SS? F	12 :39 :17 12 :39 :19 12 :41 :02 12 :41 :08 12 :41 :18 12 :43 :41 12 :45 :21 12 :45 :25 12 :45 :28 12 :48 :10 12 :51 :46 13 :01	d	46,7 Epic: 24 $\frac{1}{2}$ N - 142 $\frac{1}{2}$ E h about 600 km. Mag. 7 $\frac{1}{2}$ (U.S.C.G.S.)

- 7 -

No.	Date.	Stat.	Comp.	Phase.	G.M.T.	Dir.	Remarks
MAY 1955.							
		D	Z	iP	12 :39 :18	d	46.2
			E	oP	12 :39 :19		
			N	oP	12 :39 :21		
			Z	iP	12 :40 :59		
			N	iPP	12 :42 :47		
			Z	i	12 :43 :43		
			N	i	12 :43 :53		
			E	iS	12 :45 :21		
			N	iS	12 :45 :23		
			Z	iS	12 :45 :24		
			E	iScS	12 :48 :14		
			N	iS?	12 :48 :24		
				i	12 :52 :03		
				F	13 :22		
		B	N	oP	12 :39 :15		
			E	iP	12 :39 :16		
				iPP	12 :40 :58		
			N	iPP	12 :41 :00		
			NE	iPP	12 :42 :41		
				iS	12 :45 :19		
			E	iScS	12 :48 :11		
			NE	iS	12 :48 :28		
				F	13 :05		
365		L	Z	i	23 :02 :39	c	local small shock
				F	23 :07		
366		L	Z	iP	23 :32 :57	c	31.9 Epic: 3S - 137E
			NE	oP	23 :32 :59		Mag : 6 1/4 (Pas)
			N	oPP?	23 :33 :52		(U.S.C.G.S.)
			Z	iPPP	23 :34 :13		
			N	oS	23 :38 :08		
			Z	oS	23 :38 :11		
			N	oSS	23 :39 :44		
				F	23 :51		
366	30	B	N	oP	23 :32 :58		31.8
			E	oP	23 :33 :00		
				iPP?	23 :34 :08		
				iPPP?	23 :34 :22		
			EN	oS	23 :38 :08		
			N	i	23 :42 :30		
				ScS	23 :43 :28		
				F	23 :55		
		D	Z	iP	23 :33 :03	c	31.6
			E	oP	23 :33 :06		
				iPP	23 :34 :03		
			Z	iPPP	23 :34 :27		
			E	oS	23 :38 :11		
			N	oS	23 :38 :15		
			E	oSS	23 :39 :49		
				F	24 :05		
367	31	L	Z	iP	09 :42 :10	c	73° Epic: 27S - 177 1/2W
			EN	oP	09 :42 :10		h about 100 km.
			Z	oPP?	09 :42 :36		Mag: 6 3/4 (Pas)
			N	oPP	09 :45 :17		(U.S.C.G.S.)
			ZEN	oS	09 :51 :28		
				F	09 :57		
		B	Faint traces between 09.42.00 and 09.55.00				
		D	Z	oP	09 :42 :17		strong micros.
			EN	oP	09 :42 :19		
			NE	oS	09 :51 :39		
			F	F	10 :02		

- 8 -

No.	Date.	Stat.	Comp.	Phase.	G.M.T.	Dip.	Remarks
MAY 1955.							
368		L	Z	oP F	14 :53 :48 overlapped.		Epic: 42N - 141E h about 100 km. (U.S.C.G.S.) in mi- nute break.
369		L	Z	iP F	14 :54 :25 in coda of	d No. 368.	Epic: 43N - 141E. h about 100 km. (U.S.C.G.S.)
370	31	L	Z	iP F	16 :37 :19 16 :44	c	Epic: Bismarck sea (U.S.C.G.S.)
371		L	Z N	iPkp oPkP oSks? F	18 :17 :09 18 :17 :12 18 :23 :05 18 :31	c 160°	Epic: 0° - 92W (U.S.C.G.S.)

- 9 -

No.	Date	Stat.	Comp.	Phase	Time(G.M.T.)	Dir.	Remarks

J u n 1 1955.-							
372	1	L	Z	e	03 ^h :03 ^m :49 ^s		in minute break
				F	03 :08		local shock.
373		L	Z	i	15 :32: 16	C	Epic. 24 ¹ / ₂ N-122 ¹ / ₂ E
				F	15 :43-		(USCGS)
374		L	Z	iP	16 :15 :25	C	22° Epic. 1 ¹ / ₂ N-128E
		EN		eP	16 :15 :25		h about 100 Km
		ZN		iPP	16 :16 :10		(USCGS).
		ZN		eS	16 :19 :23		
		E		eS	16 :19 :24		
		Z		eScS	16 :26 :24		
				F	16 :30		
		B	NE	eP	16 :15 :58		22,2°
				ePP	16 :16 :43		
			N	eS	16 :19 :58		
			E	eS	16 :20 :03		
			N	eScS	16 :27 :04		
				F	16 :31		
		B	Z	eP	16 :15 :29		23,1°
			N	eB	16 :19 :37		
				eSS?	16 :20 :49		
				F	16 :31		
375		L	ZN	e	16 :58 :40		Phases not identifiable.
			Z	i	16 :59 :07		
			N	e	16 :59 :14		
				F	17 :07		
		B	Faint traces between 16 : 59 : 00 and 17 ^h :00:05				
		D	Z	e	17 :00 :05		
			N	e	17 :00 :57		
			E	e	17 :01 :07		
				F	17 :10		
376	2	L	Z	iP	00 :31 :32	C	Epic. 51 ¹ / ₂ N-180°
			E ₁	eP	00 :31 :32		Mag. 6.3/4 (Pas)
				iPP	00 :34 :53		(USCGS)
			N	e	00 :35 :07		
			E	F	00 :39		
		D	Z	e	00 :31 :28		
				F	00 :38		
		B	Faint traces between 00 ^h :31 ^m :00 and 00 ^h :37 ^m :00				
377		L	Z	e	02 :14 :26		Epic. 51 ¹ / ₂ N-180
				F	02 :20		after shock of No. 376
							(USCGS)

- 10 -

No.	Date	Stat.	Comp.	Phase	Time(G.M.T.)	Dir.	Remarks
J U N E 1955.-							
378	4	L	Z	iP F	17 ^h :01 ^m :07 ^s 17:05	d	Epic. 40N-142 ¹ / ₂ E h about 60 Km (USCGS)
379		L	Z	i F	17:32:16 17:37	d	Epic. 40N-142 ¹ / ₂ E h about 60 Km (USCGS)
380	5	L	Z	iP ePP F	02:05:51 02:09:07 02:14	c	Epic. 51 ¹ / ₂ N-180E Mag. 6.1/4-6 ¹ / ₂ (Pas) (USCGS)
381		L	NZE N	eP ePP? eS F	06:18:05 06:20:06 06:23:31 06:27	34,2	Epic. 24 ¹ / ₂ N-122E (USCGS) Time corr. uncertain
		D	Z E N	eP eP e eS F	06:18:07 06:18:06 06:20:27 06:23:37 06:37	34,7	
382		L	Z	i F	18:44:03 18:48	dd	Small local shock.
383	6	L	Z E	i e F	00:37:37 00:38:14 00:41	dd	Local shock
384		L	Z	i F	12:48:03 12:52	c	Small local shock
385	7	L	Z N Z N Z	iP eP ePPP eS eS eL F	00:55:30 00:55:30 00:57:01 01:01:06 01:01:14 01:08:10 01:22	d 35,6	Epic. 27 ¹ / ₂ N-101E (USCGS)
		D	Z EN N E N E	iP eP iPPP eS eSS eL ML F	00:55:30 00:55:32 01:57:01 01:00:56 01:03:07 01:08:18 01:11,2 01:30	d 34,1	Time corr. Uncertain
		B.	NE N E N	e ePPP eS eL ML F	00:55:53 00:57:23 01:01:25 01:08:23 01:10,2 01:23	35°	in minute break
386		L	Z N	i e F	15:37:59 15:38:10 15:43	d	Epic. 27N-100 ¹ / ₂ E (USCGS)
387		L	Z	e F	22:26:15 22:31		Epic. 13S-167E h about 200 Km (USCGS)

- 11 -

No.	Date	Stat.	Comp.	Phase	Time(G.M.T.)	Dir.	Remarks
J U N E 1955.-							
388	10	L	Z	iP iPPP F	22 ^h :12 ^m :00 ^s 22:16:21 22:22	c	Epic. 15S-177 ¹ / ₂ W (USCGS)
389	11	L	Z	i F	21:22:33 21:26	d	Epic. 16 ¹ / ₂ S-179W (USCGS)
390		L	Z	iP? iS? F	22:38:10 22:40:36 22:49	d	
		D	Z	i i F	22:38:16 22:40:30 22:45	d	
391	12	L	Z	iP iPP F	20:41:49 20:41:20 20:50	d	Epic. 49N-155E (USCGS)
		D	Z N	eP? eP? e eS F	20:41:51 20:41:56 20:49:02 20:51:00 20:59	69,8	disturbed by strong micros
392	13	L	Z N	e e F	05:13:22 05:13:23 05:21		Epic. 29 ¹ / ₂ N-13 OE strong micros (USCGS)
393		L	Z	i F	14:04:09 14:22	c	Epic. 47N-151E (USCGS)
394		L	NZ Z N	iP iPP eS F	19:53:18 19:53:48 19:56:46 20:04	d	18,9 Prov:Epic. 3N-124E Felt in Amurang (Northern Sulawesi)
		D	Z NE E N	iP eP eS e F	19:53:26 19:53:28 19:57:02 19:57:02 20:07	d	19,6
		B	E N	e e F	19:54:18 19:54:24 19:59		No time correction
395	13	L	Z	i F	21:46:21 21:51	c	Epic. 21 ¹ / ₂ S-170 ¹ / ₂ E (USCGS)
396	14	L	Z	e F	03:06:22 03:10		Epic. Bonin isl. region (USCGS)
397		L	Z	iP i iS i F	06:30:57 06:31:08 06:32:09 06:32:23 06:44	c	6,2 Prov:Epic. 10S-113E Time corr. uncertain
		D	Z E N	iP iPP eS F	06:31:01 06:31:13 06:32:26 06:51	c	74

- 12 -

No.	Date	Stat.	Comp.	Phase	G. M. T.	Dir.	Remarks
J U N E 1955.-							
		B	EN	e	06 ^h :30 ^m :36 ^s		No time correction
			E	e	06:32:10		
				i	06:32:42		
				F	06:40		
398		L	Z	iP	10:40:10	c	41,7 Epic:1S-15 OE
				iPPP?	10:42:26		(USCGS)
				iS	10:46:27		
				F	10:51		
399		L	Z	i	16:05:20	c	Epic:13½N-12 OE
				F	16:08		(USCGS)
400		L	Z	i	17:31:16	d	Local shock
				F	17:35		
401		L	Z	i	19:42:21	c	Small local shock
				F	19:45		
402	14	L	Z	i	20:44:41	c	Small local shock
				F	20:48		
403	15	L	Z	e	03:11:25		Epic:20S-16 9E
				F	03:16		(USCGS)
404		L	Z	iP	15:44:28	c	46,7 Epic:3S-153E
				ipP	15:44:51		h about 100 Km
				iPP?	15:46:39		(USCGS)
				iS?	15:51:09		
				i	15:52:00		
				F	15:59		
405	17	L	Z	∠ iP	08:13:03	c	32,4 Epic:22N-122E
			NE	eP	08:13:03		(USCGS)
			N	eS	08:18:17		Time corr.uncertain
				e	08:20:11		
			∠	iPP	08:24		
					08:14:15		
		D	Z	iP	08:12:59	c	33,6
			N	eP	08:13:01		
				eS	08:18:21		
				eSS	08:20:17		
				F	08:38		
		B	NE	eP	08:13:01		32,3
			N	eS	08:18:14		
				F	08:22		
406		L	Z	i	18:11:14	d	Epic:20½S-175W
				i	18:11:38		(USCGS)
				F	overlapped		
407		L	Z	i	18:12:53	c	0,8° Prov.Epic:6½S-108E
			EN	e	18:12:54		
			E	eS	18:13:05		
			N	eS	18:13:06		
				F	18:19		

- 13 -

No.	Date	Stat.	Comp.	Phase	G. M. T.	Dir.	Remarks
J U N 1955.-							
407	17	B	NE NE	eP eS	18 ^h :2 ^m :52 ^s 18:13:06		0,9 in minute break
		D	Z NE E N	eP eP eS eS ML F	18:13:03 18:13:04 18:13:23 18:13:22 18:35 18:25		1,4
408	18	L	Z	eP eS i F	11:10:34 11:10:52 -14:24 11:17		1,3 Prov. Epic. 8S-106 ¹ / ₂ E in minute break felt in S-Preangan
		D	NEZ N	eP eS F	11:11:06 11:11:28 11:16		1,7
		B	faint traces between 11:10:00 and 11:13:00				
409		L	Z	i F	16:11:01 16:13	d	small local shock
410	20	L	Z	iP iPP iS F	12:19:53 12:23:10 12:30:03 12:34	d	81,3 Epic. 51 ¹ / ₂ N-180 (USCGS)
411	21	L	Z	e F	16:06:33 16:09		Epic. 12N-111 ¹ / ₂ E (USCGS)
412	22	L	Z	iP? iPP? F	11:22:56 11:25:33 11:33	d	Epic. Fidji Isl. region (USCGS) Time corr. Uncertain.
413	23	L	Z	e F	08:49:18 08:52		Epic. 37N-141E h about 60 Km (USCGS)
414	23	L	Z	iP? iPP? iPP? i F	22:23:55 22:24:16 22:26:45 22:27:50 22:31	c	Epic. 44 ¹ / ₂ N-149E h about 60 Km (USCGS)
415	24	L					
			ZE N	eP eS eL LM F	04:37:46 04:38:47 04:39:14 04:40,4 04:48		5,2 Prov. Epic. 2S-105E Bangka
		D	ZN NE NE E	eP eS eL ML F	04:37:32 04:38:27 04:39:15 04:41,5 04:53		4,6
		B	No time signal				
416		L	Z	i F	11:22:06 11:25	d	local shock
417	25	L	Z N Z N	iP eP iPP eS F	17:46:27 17:46:27 17:46:41 17:50:38 18:00	d	23,5 Epic. 9 ¹ / ₂ N-122E (USCGS)

- 14 -

No.	Date	Stn.	Comp.	Phase	Time (G.M.T.)	Dir.	Remarks
J U N E - 1955							
418	26	L	Z	e F	11 ^h :17 ^m :42 ^s 11 :21		small local shock
419		L	Z ZE N	iP? iS? i F	21 :37 :04 21 :37 :28 21 :37 :25 21 :40	d	1,8 distant shock
420	28	L	Z	e F	05 :32 :57 05 :37		Epic. 100 mls off east coast of Mindanao (USCGS)
421	29	L	Z N Z	iP e eS F	03 :29 :33 03 :30 :02 03 :34 :41 03 :33 :58 overlapped	d	25,4 Epic. 8½N-127E (USCGS)
		D	Z E N	eP eP eS eS F	03 :29 :35 03 :29 :35 03 :34 :01 03 :33 :55 overlapped	24,8	
		B	NE E	e e F	03 :29 :42 03 :34 :28 overlapped		No time correction
422		L	Z N Z	iP e e iS F	03 :39 :49 03 :40 :04 03 :44 :46 03 :44 :16 03 :54	c	25,7 Epic. 10N-126½E (USCGS)
		D	Z N E N	eP e eS e	03 :39 :52 03 :41 :19 03 :44 :14 03 :44 :44	25°	
		B	E N	e e e F	03 :40 :00 03 :40 :06 03 :44 :48 03 :49		No time correction
423		L	Z NE E N E	iP eP eS eS eL F	04 :49 :59 04 :50 :00 04 :51 :02 04 :51 :04 04 :51 :50 05 :04	c	5,3 Prov. Epic. 9S-112E Felt in 7S of East-Java
	29	D	Z N E EN N	eP eP eP iS eL E	04 :50 :20 04 :50 :21 04 :50 :24 04 :51 :29 04 :52 :50 05 :08	5,9	
		B	E N	eP eS eS eL F	04 :49 :36 04 :50 :33 04 :50 :38 04 :51 :24 05 :02	4,8	No time correction
424		L	Z	e F	05 :02 :49 05 :06		Epic. 30½N-130E

- 15 -							
No.	Date	Stat.	Comp.	Phase	Time(G.M.T.)	Dir.	Remarks
J U N E - 1955.-							
425		L	Z	i F	09 ^h :01 ^m :16 ^s 10 :01 :46 10 :06	c	Epic. 6 $\frac{1}{2}$ S-148E (USCGS).
426		L	Z	i F	15 :45 :45 15 :48	d	Local shock
427	30	L	Z N	i e e F	02 :38 :53 02 :38 :56 02 :44 :06 02 :47	d	
		D	N E	e e M F	02 :39 :30 02 :39 :36 02 :46.7 02 :50		
428		L	Z	i F	22 :07 :25 22 :15	c	Epic. 10N-126E Mindanao after shock (USCGS)

ROYAL
8 MAR 1957
EDINBURGH

Ministry of Communication
Meteorological & Geophysical Service
Djakarta.

SEISMOLOGICAL BULLETIN

Period : JULY, AUGUST 1955.

Geographical position of the stations

Djakarta : Lat. $06^{\circ}11'S$ Long. $106^{\circ}50'E$ $h = 8$ m
Seismographs Wiechert Z 1300 kg.
Wiechert N & E 1000 kg.

Bandung : Lat. $06^{\circ}54'S$ Long. $107^{\circ}39'E$ $h = 729$ m
Seismographs Wiechert N & E 1000 kg.

Lembang : Lat. $06^{\circ}50'S$ Long. $107^{\circ}39'E$ $h = 1295$ m
Seismographs Sprengnether Z ($T = 1.4$ sec.)
Sprengnether N ($T = 3.4$ sec.)
Sprengnether E ($T = 2.5$ sec.)

Constants of the Wiechert seismographs.

Djak: 1955	NS-Component					EW-Component					Z-Component				
	T	r	E	V	e	T	r	E	V	e	T	r	E	V	e
July	7.6	0.12	2.91	213	1.20	7.7	0.15	2.40	218	1.29	4.0	0.07	3.28	300	1.32
August	7.8	0.12	3.12	205	1.17	7.7	0.08	2.66	212	1.32	4.0	0.08	3.61	300	1.22

Band: August	NS-Component					EW-Component				
	T	r	E	V	e	T	r	E	V	e
August	5.4	0.16	1.50	201	1.19	4.8	0.19	1.37	186	1.25

Abbreviations : used in the bulletin

D = Djakarta Station

B = Bandung Station

L = Lembang Station

c = a compressive first movement

d = a dilatational first movement

Remarks:

From July 1st up to including July 13th and from August 14th up to including August 18th the EW-Sprengnether galvanometer of Lembang was in disorder. The V-recording Sprengnether seismograph was out of service from July 18th up to including July 20th.

Director
Meteorological & Geophysical Service

(Prof. Ir. H. Goenarso).

Address:

Meteorological & Geophysical Service
Djalan Geredja Inggris 3
Djakarta. (Indonesia).

- 1 -

No.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
<u>JULY 1955.</u>							
429	1	L	Z	e F	11:14:00 11:20		faint time corr. uncertain
430	1	L	Z ZE	eP e F	17:17:27 21:19 17:26		faint time corr. uncertain
431	2	L	Z	e F	06:49:33 06:55		faint Epic: Northern-Kurile Islands (USCGS)
432	2	L	Z	eP F	18:30:37 18:33		small
433	2	L	Z	eP F	18:35:35 18:37		small
434	2	L	Z	eP F	18:42:27 18:45		small
435	3	L	Z	eP F	14:38:54 14:46		faint time corr. uncertain Epic: 52N, 178E (USCGS)
436	4	L	Z Z	1P e F	13:31:54 13:32:20 13:37	d	small in min. break
437	4	L	Z	e F	14:32:09 14:40	d/c	faint
438	4	L	Z Z	e e F	14:53:49 54:01 14:57		small
439	4	L	Z	e F	23:01:10 23:10		faint
	4	B	N N E	eP? eS e F	23:01:29 05:59 06:11 23:20		faint Epic: Near east-coast of Mindanao (USCGS)
440	5	L	Z	eP F	00:24:37 00:30	d	faint aftershock of no. 439
441	5	L	Z N	eP e F	08:29:25 30:28 08:40	d	Felt: South of East-Java
	5	D	ZNE Z	e e F	08:30:44 32:49 08:45		in minute break faint
	5	B	N NE	eP eS? F	08:29:28 30:22 08:40	$\pm 4^{\circ}.5$	$Q = 08^h, 28^m, 17^s$ Epic: 51N, 158E (USCGS)
442	6	L	Z	1P F	02:05:45 02:20	c	$\angle$ Epic: 51N, 158E (USCGS)
	6	D	Z NE	eP eS F	02:05:44 14:50 02:30	d S/W	faint no minute marks
443	6	L	Z	eP F	15:10:52 15:20	d	faint Epic: 24S, 177W (USCGS)

$\frac{7}{2}$ Mag: 6 $\frac{3}{4}$ (Pas).

- 2 -

No.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
<u>JULY 1955.-</u>							
444	7	L	Z	e F	09:10:49 09:20	d	faint
445	8	L	Z	eP F	18:30:34 18:36		in minute break foreshock of no. 446
446	8	L	Z	1P epP ePP ePPP e F	18:49:40 51:42 52:34 54:23 58:00 19:03	d	deep focus in minute break Epic: 20 $\frac{1}{2}$ S, 179 $\frac{1}{2}$ W h about 600 km (USCGS)
	8	D	Z N	eP eS F	18:49:44 58:29	$\pm 73^{\circ}.3$ S	faint; deep focus in coda of no. 447
447	8	D	Z E N E	1P 1P 1P 1S F	19:04:35 37 38 05:39 19:40	c W S W	3 $^{\circ}.1$ deep focus Epic: 5S, 110E, Java Sea h about 600 km (USCGS)
	8	B	NE E E	1P eS 1ScS F	19:04:30 05:34 16:43	N W	3 $^{\circ}.0$ O = 19 ^h , 03 ^m , 10 ^s N-comp. blocked after arrival of S-wave ScS-wave very pronounced
	8	L	ZE N E Z	1P 1P e e F	19:04:31 32 05:16 16:38 19:30	c/W N	compression from E
448	9	L	Z	1P F	01:28:44 01:32	c	faint in micros
449	9	L	Z	eP F	02:48:57 02:53	d	small
450	10	L	Z	e F	13:10:28 13:20		faint
451	10	L	Z	1P F	14:32:41 14:40	d	deeper than normal Epic: 20S, 175 $\frac{1}{2}$ W (USCGS) Mag: 6 $\frac{1}{4}$ (Pas)
452	11	L	Z N	1P eS? F	05:09:58 10 26 05:20	d $\pm 2^{\circ}.3$	Epic: Near South coast of Sumatra (USCGS)
	11	B	NE	eP F	05:09:59 05:17		very faint
	11	D	Z NE	e e F	05:09:47 11:42 05:25	c	no clear S-wave
453	12	B	NE	e F	06:07:40 06:12		very faint
From 1/7 up to including 12/7- 1955 EW-Sprengnether galvanometer Lembang in disorder.							
454	13	D	Z NE	eP eS F	19:42:50 43:13 19:55	d $\pm 1^{\circ}.7$	O = 19 ^h , 42 ^m , 19 ^s .

- 3 -

No.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
JULY 1955.-							
	13	L	Z	eP	19:42:55	c $\pm 2^{\circ}.5$	no clear S-wave
			N	eS?	43:27		time corr. uncertain
				F	19:50		
	13	B	NE	e	19:42:58		faint
				F	19:50		time corr. uncertain
455	14	L	Z	iP	09:56:10	d	no clear S-wave
			Z	eL	10:04:48		
				F	10:30		Epic: $8\frac{1}{2}^{\circ}$ N, 94° E (USCGS)
	14	B	N	e	09:59:57		faint in strong
			NE	eL	10:03:00		micros
				F	10:30		Max. ampl. in L-wave
	14	D	N	e	09:56:27		no clear P-wave
			E	e	57:29		
			E	eS?	59:35		
			NE	eL	10:02:30		
				F	10:40		
456	14	L	Z	eP	11:46:24	c $19^{\circ}.4$	
			E	eS	49:58		
				F	12:00		O = $11^{\text{h}}, 41^{\text{m}}, 54^{\text{s}}$
	14	D	P-wave faint in strong micros				
			NE	eS	11:50:11		
				F	12:05		
	14	B	NE	eP	11:46:24	$19^{\circ}.4$ faint	
			NE	eS	49:58		
				F	12:00		
457	16	L	Z	iP	07:19:51	c $86^{\circ}.3$	
			NE	eP	51	S/E	O = $07^{\text{h}}, 07^{\text{m}}, 06^{\text{s}}$
			NE	eS	30:26		Epic: $37\frac{1}{2}^{\circ}$ N, 27° E
				F	07:40		(USCGS)
							Mag: $6\frac{3}{4}$ - 7 (Pas)
	16	D	Z	eIP	07:19:52	d/c $85^{\circ}.3$	small dilatation
			E	eP	55	W	followed
			NE	eS	30:22		by greater compression
				F	08:00		time corr. uncertain
	16	B	NE	eP?	07:19:55		no clear phases
			NE	eS	30:25		
				F	07:40		
458	16	L	Z	iP	12:28:45	d	faint
				F	12:35		Epic: Tonga Islands
							(USCGS)
459	16	L	Z	eP	13:35:55		small local shock
				F	13:40		
460	17	L	Z	eP	04:47:17		in minute break
				F	04:55		small
461	18	L	E	iP	11:39:47	W $56^{\circ}.7$	
			N	eP	48		O = $11^{\text{h}}, 29^{\text{m}}, 59^{\text{s}}$
			E	iS	47:39	W	Epic: $13\frac{1}{2}^{\circ}$ S, 167° E
				F	11:55		h about 150 km
							(USCGS)
	18	B	no minute marks				Sprengnether V-galvano meter
							Lembang in disorder from 18/7-1955 up to including 19/7-1955.

No.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
JULY 1955.-							
	18	D	E	eP	11:39:51	57° .5	
			NE	1S	47:48	W/S	O = 11 ^h .29 ^m .58 ^s
462	20	L	Z	F	12:00		19/7-1955 strong micros
				e	18:30:40		small
				F	18:32		
463	21	L	Z	1PKP	12:05:31	d	deeper than normal
				e	09:41		Epic: 25S, 74W (USCGS)
				F	12:30		Mag: 6 3/4 (Pas)
	21	B	Z	ePKP	12:05:30	d	faint
				F	12:30		no clear phases
	21	B					Faint traces between 12 ^h 05 ^m and 12 ^h 15 ^m
464	22	L	Z	1P	22:03:35	d	small
			E	e	04:11		
				F	22:10		
465	23	L	Z	eP	06:25:02		faint
				F	06:35		Epic: Negros Isls. (USCGS)
	23	D					Faint traces between 06 ^h 25 ^m and 06 ^h 40 ^m
466	23	L	Z	eP	11:28:04	23° .1	faint h
			E	eS	32:10		O = 11 ^h .22 ^m .59 ^s
			E	e	33:32		foreshock of no. 468
				F	11:40		
	23	D	Z	e	11:28:05		no clear P-wave
			NE	eS?	32:19		
				F	11:50		very faint
467	23	L	Z	1P	12:53:02	d	no clear S-wave
			E	e	57:06		
				F	13:20		
	23	D	Z	eP	12:53:15	c	no clear S-wave
			NE	eL	13:0		
				F	13:30		Epic: 7S, 128 1/2 E (USCGS)
	23	B	E	eP	12:53:04		faint
			N	eP	07		
			E	1	14	W	
				F	13:20		
468	23	L	Z	eP	14:02:00	23° .1	
			E	1S	06:06		
				F	14:20		
	23	D	Z	eP	14:02:01	W 23° .3	O = 13 ^h .56 ^m .54 ^s
			NE	1S	06:08		Max. ampl. in S-wave
			E	eScS	13:11		h about 25 km
				F	14:30		Epic: 9 1/2 N, 122 1/2 E (USCGS)
	23	B	E	eP	14:02:07		faint
			NE	eS	06:11		
				F	14:30		time corr. uncertain
469	23	L	Z	e	18:25:35		faint
				F	18:30		
470	23	L	Z	e	22:35:27		
				F	22:40		
471	24	L	Z	eP	01:16:36		very faint
				F	01:20		very faint
							Epic: 14S, 175W (USCGS)

- 5 -

no.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
JULY 1955.-							
472	24	L	Z	eP F	11:11:16 11:20	c	deeper than normal Epic: 36N, 140E (USCGS)
473	24	L	ZE ZE	iP eS F	16:26:44 32:04 16:40	c 33° .2	O = 16 ^h :20 ^m :03 ^s Epic: 24N, 122E (USCGS)
	24	D	ZE	iP F	16:26:41 16:50	c	faint in strong micros no clear S-wave
	24	B	NE NE	eP eS F	16:26:43 32:02 16:40	s 33° .1 s/E	faint O = 16 ^h :20 ^m :03 ^s
474	24	L	Z	e F	19:14:37 19:20		very faint Epic: New Hebrides Isls (USCGS)
475	25	L	Z Z	ePKP e F	11:42:15 34 11:50		faint in strong micros Epic: 22½S, 69½W h about 200 km (USCGS)
476	26	L	Z	eP F	00:14:06 00:20		small local shock
477	26	L	Z	e F	05:25:42 05:50		faint in strong micros Epic: 13S, 166½E (USCGS)
478	26	L	Z	e F	09:40:15 10:00		faint in strong micros
479	26	L	ZE E	eP e F	17:58:49 59:14 18:02	d	small local shock
480	27	L	Z	iP F	01:29:26 01:40	d	faint Epic: 34N, 134E (USCGS)
481	27	L	ZE	iP F	05:05:56 05:20	d	
482	27	L	Z	e F	05:13:28 in coda of no. 481		faint Epic: 14½S, 177W (USCGS)
	27	D	ZE Z E	eP epP e F	05:06:07 17 09:33 05:30	o	no clear S-wave
483	27	L	Z ZE E	eP e e F	18:35:26 54 36:16 18:40		small local shock
484	28	L	Z E	eP eS F	02:05:14 09:21 02:15	23° .0	O = 02 ^h :00 ^m :07 ^s Negros Island aftershock
	28	D	Faint traces between 02 ^h 00 ^m and 03 ^h 00 ^m				
485	28	L	Z	e F	06:09:53 06:20		faint in strong micros
486	29	L	Z	e F	10:59:44 11:02		very faint time corr. uncertain
487	29	L	Z	e F	12:55:36 13:00		very faint time corr. uncertain
488	29	L	Z	eP F	14:11:01 14:15		small local shock time corr. uncertain

- 6 -

No.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
<u>JULY 1955.-</u>							
489	29	L	Z	e	20:18:09		faint
			E	e	19:23		
				F	20:30		
	29	D	Faint traces between 20 ^h 10 ^m and 20 ^h 20 ^m				
490	29	L	Z	1P	21:02:27	d	small
			E	e	46		
				F	21:10		
491	30	D	Z	eP	10:01:55		20.2 in min. break
			NE	eS	02:23		
				F	10:10		O = 10 ^h 01 ^m 17 ^s
	30	B	NE	eP	10:01:52		small
				F	10:05		
	30	L	Z	1P	10:02:01	d	
			E	e	02:23		
				F	10:10		time corr. uncertain
492	31	L	Z	ePKP	02:39:23		faint
				F	02:46		time corr. uncertain
493	31	L	Z	e	04:20:20		faint
				F	04:25		time corr. uncertain
494	31	L	Z	e	09:41:43		faint
				F	09:46		time corr. uncertain
<u>AUGUST 1955.-</u>							
495	1	L	Z	1P	07:00:04	c ±1.0	O = 06 ^h :59 ^m :43 ^s
			NE	eS	19	N	Felt in Kuningan area
				F	07:05		(West Java)
496	1	L	Z	eP	15:37:10		small
			E	e	31		
				F	15:40		
497	1	L	Z	eP	21:49:51	d 23°.4	faint
			E	eS?	54:01		O = 21 ^h :44 ^m :40 ^s
				F	22:00		Epic: Off SE-coast of
							Mindanao, P.I. (USCGS)
	1	D	Faint traces at about the same time.				
498	2	L	Z	e	02:04:27		very faint
				F	02:08		
499	2	L	Z	e	06:55:38		very faint
				F	07:00		Epic: Nicobar Island
							region (USCGS)
500	2	L	Z	1P	07:48:52	d	small local shock
			E	e	49:12		
			N	e	16		
				F	07:53		
501	2	L	Z	e	08:10:03		very faint
				F	08:15		
502	2	L	Z	e	10:18:26		very faint
				F	10:23		
503	2	L	Z	e	13:01:06		faint
				F	13:04		

- 7 -

No.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
<u>AUGUST 1955.-</u>							
504	2	L	Z	eP	20:34:13		small
			E	e	58		
				F	20:45		
	2	D	Z	eP	20:34:13		faint
				e	36:16		no clear S-wave
				F	20:45		
	2			Faint traces at about the same time			
505	2	L	Z	e	21:46:04		very faint
				F	21:50		
506	2	L	Z	e	22:43:40		faint
				F	22:50		
507	2	L	General unrest between 23 ^h :30 ^m and 00 ^h :30 ^m (3/8-1955)				
508	3	L	Z	ePKP	22:42:47		faint
				F	22:45		Epic: Santiago del Es- tero (Argentina) (USCGS)
509	4	L	General unrest between 04 ^h :40 ^m and 04 ^h :55 ^m				
510	4	L	Z	e	09:50:46		faint in strong micros
				F	10:00		
511	4	L	Z	eP	11:01:16		very faint
				F	11:05		Epic: 5S, 152½E (USCGS)
512	5	L	Z	iP	18:54:21	c	small
				F	18:56		
513	5	L	Z	i(PKP)?	19:04:17	d	faint, but clear impulse
				F	19:06		
514	6	L	Z	iP	08:42:27	c 73° 5	
		NE		eP	29	N/W	0 = 08 ^h :31 ^m :31 ^s
		Z		eP	45:21		h = 350 km
		NE		iS	51:27	N/E	Epic: 21½S, 177½W (USCGS)
		NE		eSKS	57		Mag: 6 3/4 (Pas)
		E		ess	53:47		
				F	in coda of no. 515		
	6	D	Z	iP	08:42:30	c 74° 1	
		NE		eP	30	N/W	0 = 08 ^h :31 ^m :30 ^s
		Z		epP	43:50		
		NE		iS	51:33	S/W	
		NE		ess	53:51		in minute break
				F	09:30		
515	6	L	Z	eP	08:58:50		
		N		e	59:35		no clear S-wave
		N		e	09:00:03		
				F	09:30		
516	6	L	Z	eP	10:55:18		in minute break
				F	11:00		
517	7	L	Z	Faint traces between			
				12 ^h :41 ^m and 12 ^h :47 ^m			Epic: 3½S, 145E (USCGS)
518	9	L	Z	iP	16:49:18	c 70.3	Felt at Sumedang-area
				eP	19	S	(West-Java)
					16:57		

- 8 -

No.	Date	Stat.	Comp.	Phase	C.M.T.	Dir.	Remarks
<u>AUGUST 1955.</u>							
9	D	Z	eF	16:49:34			faint
		NE	e	54			no clear S-wave
		N	e	50:34			
			F	17:00			
9	B	NE	eF	16:49:18		±0.3	
		NE	eS?	25			
			F	16:57			0 = 16 ^h :49 ^m :07 ^s
519	9	L	Z	17:14:23			small local shock
			F	17:18			
520	9	L	Z	18:24:20	d		faint
			F	18:30			Epic: 11S, 166 ¹ / ₂ E (USCGS)
521	10	L	Z	05:09:52			faint
			F	05:15			Epic: 2S, 151E (USCGS)
522	10	L	Z	05:36:56			small local shock
			F	05:40			
523	11	L	Z	19:29:05			faint
			F	19:42			Epic: Sumbawa Isl. area
11	D	Z	eP	19:29:21			
		NE	eL	33:0			no clear S-wave
			F	19:45			
11	B	faint traces at about the same time					
524	12	L	General unrest between 02 ^h 16 ^m and 02 ^h 30 ^m				
525	12	L	Z	04:11:23			small local shock
		E	e	40			
		N	e	44			
			F	04:15			
526	12	L	Z	04:18:45			very faint
			F	04:25			Epic: 37N, 141E (USCGS)
527	12	L	Strong miccos between 06 ^h 00 ^m and 08 ^h 00 ^m				
528	12	L	Z	20:33:10			faint
			F	20:38			
529	13	L	Z	00:10:46			small local shock
			F	00:15			
530	13	L	Z	17:17:03			faint
		E	eS?	21:11			
			F	17:25			
13	D/B	faint traces at about the same time					
531	14	L	ZE	02:53:20	c/v		NW-galvanometer in dis-
			F	03:10			order after arrival of
							P-wave
14	D	Z	iP	02:53:33	c 1 ⁰ .3		Strong shock felt in Sa-
		NE	eP	35			medan-area (West-Java)
		NE	eS	50			0 = 02 ^h :53 ^m :08 ^s
			F	03:20			hor. comps blocked after
							arrival of S-wave
14	B	NE	iP	02:53:14	N/10 ⁰ .3		hor. comp's blocked after
		NE	eS	20			arrival of S-wave
			F	03:15			

- 9 -

no.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
<u>AUGUST 1955.-</u>							
532	14	L	Z	eP F	03:20:14 03:22		small aftershock of no. 531
	14	B	NE	eP F	03:20:11 03:23		very small
533	14	L	Z	eP F	03:47:18 03:50		small aftershock of no. 531
534	14	L	Z N Z	eP eS? eP F	04:11:55 12:03 13:37 04:16		small aftershock of no. 531 double shock
535	14	L	Z N	eP eS F	04:32:37 45 04:36	$\pm 0^{\circ}.3$	small aftershock of no. 531
	14	B	NE	e F	04:32:33 04:37		in minute break small
536	14	L	Z N	eP IS F	05:15:32 39 05:20	$0^{\circ}.3$ N	small aftershock of no. 531
	14	B	NE	eP F	05:15:31 05:20		in minute break small
537	14	L	Z	eP F	05:40:05 05:43		small aftershock of no. 531
538	14	L	Z	eP F	07:15:43 07:19		small aftershock of no. 531
539	14	L	Z N	eP IS F	09:16:01 09 09:20	$0^{\circ}.3$ N	small aftershock of no. 531
	14	B	NE	eP F	09:16:00 09:18		very small
540	14	L	Z	e(P) F	11:21:24 11:25		deeper than normal long distance shock
541	14	L	Z N	eP IS F	11:58:16 24 12:01	$0^{\circ}.3$ S	small aftershock of no. 531
	14	B	NE	eP F	11:58:11 12:02		small
542	14	L	Z N	IP eP F	15:10:25 26 15:20	c	
	14	D	NE NE	eP eS F	15:10:38 56 15:25	$1^{\circ}.3$	strong shock Z-comp not readable, lines overlapped aftershock of no. 531
	14	B	NE NE	eP eS F	15:10:23 29 15:25	$0^{\circ}.3$ E	N-comp. blocked after arrival of S-wave
543	14	L	Z	eP F	16:54:49 17:05		faint Epic: 33S, 179W(USCGS)

- 10 -

no.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
AUGUST 1955.-							
544	14	L	Z N	1P eS F	17:51:20 27 17:55	c N	0°.3 small aftershock of no. 531
	14	B	E	e F	17:51:30 17:55		small
545	14	L	Z	eP F	17:57:37 18:00		small aftershock of no. 531
546	14	L	Z	eP F	18:20:39 18:24		small aftershock of no. 531
547	14	L	Z	e F	22:15:48 22:20		very faint
548	14	L	Z	e F	22:34:42 22:40		faint long distance shock?
549	14	L	Z N	eP 1S F	23:07:12 19 23:10	d S	0°.3 small aftershock of no. 531
	14	B	E	e F	23:07:14 23:10		small
550	15	L	Z	e F	10:54:36 10:58	d	very faint
551	15	L	Z	eP F	13:47:23 13:50		small local shock
552	15	L	Z	e F	17:06:36 17:10		faint
553	15	L	Z	e F	17:34:22 17:40		faint
554	15	L	Z	eP F	20:26:10 20:30		small local shock
555	16	L	Z N	eP e F	06:13:10 19 06:18	N	small local shock
556	16	B	NE NE N	1P 1S eSS F	11:55:19 12:01:55 05:06 12:30	W	44°.5 S-wave very pronounced
	16	D	Z E N	eP 1S eS F	11:55:20 12:01:57 59 13:00	d E	44°.7 O = 11 ^h :47 ^m :04 ^s
	16	L	Z N N	1P e eS F	11:55:20 24 12:01:57 12:30	d N	44°.7
557	16	L	Z	ePKP F	19:30:15 19:40	d	faint Epic: 12½N, 86½W(USCGS)
558	17	L	Z	e F	10:54:08 10:57		faint time corr. uncertain

- 11 -

No.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
<u>AUGUST 1955.-</u>							
559	17	L	Z	e F	13:23:17 13:26		very faint time corr. uncertain
560	17	L	Z	i F	18:33:13 18:40	d	faint time corr. uncertain
561	17	L	Z N	eP i F	19:02:46 03:49 19:10	N	in minute break time corr. uncertain
	17	D	Z	eP F	19:02:46 19:10		faint in micros no clear S-wave
562	18	L	Z	iP F	00:06:23 00:15	d	faint Epic: 7N, 127E (USCGS)
From 14/8 up to including 18/8-1955 EW-Sprengnether galvanometer Lembang in disorder.							
563	19	L	Z	eP F	16:28:51 16:32		small local shock
564	19	L	Z Z	iPKP e	16:47:47 48:46 16:52	c	faint Epic: 9S, 71W, h about 650 Km (USCGS)
565	19	L	Z	eP F	17:47:18 17:50		small local shock
566	19	L	Z Z	e e F	21:17:36 18:16 21:22		faint
567	20	L	Z	eP F	01:23:54 01:25		very small
568	20	L	Z	eP F	06:17:15 06:25		faint Epic: 12W, 126E (USCGS)
569	20	L	Faint traces between 09 ^h 19 ^m and 19 ^h 30 ^m				
570	20	L	Z	eP F	16:26:54 16:30		small local shock
571	20	L	Z	e F	18:40:21 18:44		very faint
572	20	L	Z	e F	19:50:27 19:53		faint
573	20	L	Z	e F	22:18:32 22:22		faint
574	21	L	Z	eP F	06:55:29 07:00		small local shock
575	21	L	Z	e F	09:04:41 09:07		faint
576	21	L	Z E N	eP e e F	11:21:39 46 53 11:25	d W N	small local shock
577	21	D	Z NE	iP eS F	12:20:19 46 12:40	d	2 ⁰ .1 small O = 12 ^h :19 ^m :42 ^s

- 12 -

No.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
<u>AUGUST 1955.</u>							
	21	B	NE NE	eP eS F	12:20:29 21:04 12:26	2° 8	small shock felt at Labuhan (West-Java)
	21	L	Z NE	eP e F	12:20:29 41 12:30	c	
578	21	D	Z NE	eP eS F	12:47:51 48:18 13:00	2° 1 S/E	in minute break small shock in Sunda Passage O = 12 ^h :47 ^m :14 ^s
	21	L	Z N NE	eP e e F	12:48:00 25 41 12:55		
	21	B	NE	e F	12:48:02 12:55		very small
579	21	L	Z E N	eP e e F	13:47:12 51 48:01 13:50		small
580	21	D	Z NE	iP eL F	16:10:31 21:0 16:35	c	no clear P/S-wave Epic: 24 ^h W, 96 ^h E (USCGS)
	21	L	Z ZE	eP eL F	16:10:37 21:0 16:30		faint
	21	B	Faint traces between 16 ^h :19 ^m and 16 ^h :30 ^m				
581	21	L	ZE ZN	eP eL F	17:40:09 50:39 18:20		in minute break no clear S-wave
	21	D	Z E N	eP eP eL F	17:40:15 16 50:30 18:20	c W	no clear S-wave
	21	B	NE N NE	eP eS eScS? F	17:40:05 44:58 50:38 After 17 ^h 50 ^m	29° 3	O = 17 ^h 33 ^m 59 ^s in minute break Epic: 3S, 137 ^h E (USCGS) Mag: 6 $\frac{3}{4}$ - 7 (Pas) (Berk)
			no registration, because of a failure of the Bandung seismograph.				
582	21	L	Z N	eP e F	20:27:38 46 20:30		small
583	21	L	Z N E	iP i e F	22:20:15 25 45 22:30	c N	small
	21	D	Z NE	iP iS F	22:20:01 28 22:30	d W/S	2° 1 small shock in Sunda Passage

- 13 -

No.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
<u>AUGUST 1955.</u>							
584	22	D	Z NE	P eS F	no clear P-wave 00:43:49 00:50		small shock
	22	L	Z N E	eP e e F	00:43:33 47 44:11 00:50		small shock
	22	B			Faint traces between 00 ^h 44 ^m and 00 ^h 47 ^m		
585	22	D	Z N NE	eP eP eS F	03:27:55 57 28:18 03:50	1° 7'	in minute break small shock in Sunda Passage O = 03 ^h :27 ^m :24 ^s
	22	L	Z E N E	eP eP eS? e F	03:28:04 05 34 42 03:40	d	
	22	B	E N NE	eP eP eS F	03:28:02 05 35 03:40	2° 6'	in minute break
586	22	D	Z NE	eP eS F	05:30:34 58 05:40	1° 8'	small
	22	L	Z	eP F	05:30:44 05:35		small
	22	B	NE	e F	05:31:37 05:35		very small
587	22	L	Z	e F	06:51:11 06:55		faint
588	22	L	Z	e F	10:31:32 10:35		very faint
589	23	L	Z E N	eP e e F	00:31:49 56 32:04 00:35	c	small local shock
590	23	L	Z	eP F	09:58:27 10:05		faint Epic: Mindanao (P.I.) (USCGS)
591	23	L	Z		General unrest between 12 ^h 15 ^m and 13 ^h 40 ^m		
592	23	L	Z	e F	18:14:44 18:20		faint Epic: Molucca Passage (USCGS)
593	23	L	Z E	eP eS F	22:48:14 52:44 23:00	d 26° 1'	faint O = 22 ^h :42 ^m :37 ^s Epic: 12°N, 126°E (USCGS)
594	24	L	Z	iP F	15:50:42 15:55	c	deeper than normal Epic: Fiji Islands (USCGS)

- 14. -

no.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
<u>AUGUST 1955.</u>							
595	24	L	Z		Faint traces between 18 ^h 28 ^m and 18 ^h 32 ^m		
596	25	L	Z	e F	05:59:58 06:05		very faint Epic: 43 $\frac{1}{2}$ N, 46E (USCGS)
597	25	L	Z NE	eP e F	12:22:24 46 12:27		in minute break small local shock
598	25	L	Z	e(PKP) F	15:43:13 c 15:45		long distance shock? faint in micros
599	25	L	Z		Faint traces between 16 ^h 45 ^m and 16 ^h 50 ^m		
600	25	L	Z	iP F	21:56:48 c 22:03		faint
601	26	L	Z	e F	09:10:11 09:15		faint
602	26	L	Z	e F	20:50:38 20:55		faint
603	26	L	Z	e F	21:04:38 21:08		faint Epic: 16S, 177 $\frac{1}{2}$ E (USCGS)
604	27	L	Z	iP F	06:58:33 c 07:03		deeper than normal Epic: 15S, 168E h about 150 km (USCGS)
605	27	L	Z		Faint traces in strong micros between 08 ^h 00 ^m and 13 ^h 30 ^m		
606	28	L	Z		Faint traces in strong micros between 07 ^h 30 ^m and 12 ^h 30 ^m		
607	28	L	Z	iPKP e F	20:33:28 d 38:18 20:50		deeper than normal Epic: 14N, 91W (USCGS) Mag: 6 $\frac{3}{4}$ (Pas) (Berk)
	28	D	Z	ePKP F	20:33:30 d 20:50		very faint
608	29	L	Z	e F	08:26:42 08:35		very faint Epic: near coast of Peru h about 100 km (USCGS)
609	29	L	Z		General unrest between 09 ^h 00 ^m and 12 ^h 00 ^m		
610	29	L	Z	eP: F:	14:20:44 14:23		small local shock
611	29	L	Z	e F	15:46:38 15:50		very faint Epic: 51N, 178 $\frac{1}{2}$ W (USCGS)
612	30	L	Z	eP F	03:42:19 c 03:45		very faint Epic: Kermodec Idls (USCGS)
613	30	L	Z	e F	09:20:46 09:24		small
614	30	L	Z	e F	12:26:23 12:30		small

- 15 -

No.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
<u>AUGUST 1955.</u>							
615	30	L	ZE	1P F	17:43:05 17:50	c	deeper than normal Epic: 28N, 139E h about 500 km (USCGS)
	30	B	NE	eP F	17:43:06 17:46	S/W	very faint
	30	D	Z	eP F	17:43:07 17:50	c	very faint no clear P/S-wave
616	30	L	Z	i F	20:16:55 20:20	d	faint
617	31	Z	Z	e F	10:45:58 10:50		faint
618	31	L	Z N	1P e F	12:24:51 58 12:28	d	small local shock
619	31	L	Z	1(PKP) F	14:39:26 14:41	c	very faint

-----000-----



Ministry of Communication
Meteorological & Geophysical Institute
Djakarta.

SEISMOLOGICAL BULLETIN

Period: September, October 1955.

Geographical position of the stations.

Djakarta : Lat. $06^{\circ}11'S$. Long. $106^{\circ}50'E$ $h = 8$ m

Foundation: River quaternary.

Seismographs : Wiechert Z 1300 kg

Wiechert N & E 1000 kg.

Bandung : Lat. $06^{\circ}54'S$. Long. $107^{\circ}39'E$ $h = 726$ m

Foundation : quaternary volcanics.

Seismographs : Wiechert N & E 1000 kg.

Lembang : Lat. $06^{\circ}50'S$. Long. $107^{\circ}37'E$ $h = 1295$ m.

Foundation : quaternary volcanics.

Seismographs : Sprengnether Z (T = 1.4 sec.)

Sprengnether N (T = 3.4 sec.)

Sprengnether E (T = 2.5 sec.)

Constants of the Wiechert seismographs.

<u>Djak</u> :		NS-Component					EW-Component					Z-Component				
1955	T	r	E	V	e	T	r	E	V	e	T	r	E	V	e	
Sep.	7.7	0.17	2.23	208	1.20	7.7	0.10	1.94	212	1.38	4.0	0.08	2.33	300	1.23	
Oct.	7.8	0.08	2.47	209	1.29	7.7	0.08	1.98	214	1.30	4.0	0.07	1.82	300	1.36	
<u>Band</u> :		NS-Component					EW-Component									
Sep.	5.4	0.18	1.43	201	1.19	4.9	0.16	1.37	153	1.49						

Abbreviations : used in the Bulletin

D = Djakarta station

B = Bandung station

L = Lembang station

c = a compressive first movement

d = a dilatational first movement

Remarks :

From October 8th until October 17th
the NS-Sprengnether galvanometer of Lembang was in disorder.

Meteorological & Geophysical Institute

Address:

Meteorological & Geophysical Institute
Djalan Geredja Inggris 3
Djakarta. (Indonesia)

(Prof. Ir. R. Goenarso).
Director

- 1 -						
no.	Date	Stat.	Comp.	Phase	G. M. T.	Dir. Remarks.
September 1955.						
620	1	L	Z	eP F	22:57:00 23:00	small local shock.
621	2	L	Z	e F	03:40:28 03:45	very faint.
622	2	L	Z	iP e F	05:03:43 51 05:07	d small local shock.
623	2	L	Z	Faint 21 ^h 18 ^m	traces between and 21 ^h 23 ^m	E ic: Western new Guinea(USCGS).
624	3	L	Z	eP F	02:50:18 02:52	very small.
625	3	D	E	ePKP F	12:56:18 13:30	Z comp. not read- able, lines over- lapped. E ic: 14W, 91W(USCGS) h about 100 Km. Mag: 6 $\frac{1}{2}$ (Pas). faint.
	3	L	Z	ePKP F	12:56:15 13:20	
	3	D	NE	Faint traces between 12 ^h 56 ^m and 13 ^h 10 ^m .		
626	3	L	ZE N ZE ZE	iP eP eS iScS F	16:26:53 55 29:53 38:17 17:00	d 17 ^o .0 S W Q 16 ^h 23 ^m 07 ^s h about 200 Km. E ic: 1W, 123E(USCGS)
	3	D	NE E	eP eScS F	16:26:51 38:10 17:00	S/W no clear S-wave.
	3	D	Z N E N E	eP eS eSSS eL eScS F	16:26:54 29:55 30:53 31:11 38:06 17:30	d 17 ^o .1 in minute break. Max. am l. in L-wave
627	4	L	Z	iP F	11:30:44 11:33	d faint.
628	4	L	Z	ePKP i F	11:49:21 27 11:58	d d faint E ic: 22S, 69W. h about 100 km(USCGS)
629	4	L	Z	e F	19:19:24 19:25	faint Epic: 43W, 145E (USCGS).
630	4	L	Z	Faint traces between 22 ^h 20 ^m and 22 ^h 30 ^m		
631	5	L	Z E	eP e F	02:35:29 59 02:40	small local shock.
632	5	L	Z	e F	04:24:03 04:35	faint in micros.
633	5	L	Z	iP F	07:11:03 07:15	d dee focus Epic: 24S, 180 h about 550 km(USCGS).

- 2 -

no.	Date	Stat.	Comp.	Phase	G. M. T.	Dir.	Remarks
September 1955.							
634	5	L	ZE	eP	17:16:09	d	12° 6 h about 580 Km.
			E	eS	:18:21		O = 17 ^h 13 ^m 24 ^s
			E	eSS	19:04		
			E	eScS	27:15		
				F	17:35		Eric: 7S, 120 ¹ / ₂ E (USCGS).
5	D	Z	eP		17:16:18		13° 7
		ZEN	eS		18:39	E/S	
			F		17:30		O = 17 ^h 13 ^m 23 ^s
635	6	L	Z	Faint traces between 17 ^h 10 ^m and 17 ^h 30 ^m			
636	7	L	Z	eP	03:26:58		39° 9
			E	eS	33:04		O = 03 ^h 19 ^m 21 ^s
			F		04:00		E 10:2S, 68E (USCGS)
7	D	ZEN	eP		03:26:54		in min. break
			F		04:00		no clear S-wave
7	B	NE	e		03:27:22		faint
			F		04:00		
637	7	L	Z	eP	04:33:17		small local shock
			F		04:37		
638	8	D	NE	Faint traces between 02 ^h 20 ^m and 02 ^h 40 ^m			
639	8	L	Z	iP	03:35:53	o E E	47° 5
		E	iS		42:48		O = 03 ^h 27 ^m 14 ^s
		E	iPS		54		
		NE	eSS		46:08		
			F		04:00		Eric: 7S, 155 ¹ / ₂ E (USCGS).
8	D	Z	eP		03:36:02		48° 6.
		NE	eS		43:04		
			F		04:10		
8	B	NE	eP		03:35:53		47° 5
		E	eS		42:48		
		NE	e		45:44		
			F		04:00		
640	8	L	Z	e	17:04:33		very faint
			F		17:10		Eric: 19S, 176 ¹ / ₂ W.
							h about 250 Km (USCGS).
641	8	L	Z	Faint traces between 20 ^h 33 ^m and 20 ^h 40 ^m			
642	9	D	Z	eP	09:43:50		
		NE	eL		45:50		no clear S wave
			F		11:00		Max: ampl. in L-wave
9	Bq	E	eP		09:44:12	9° 0	
		N	eS		45:55		O = 09 ^h 41 ^m 57 ^s
		E	eL		46:40		Eric: 2S, 100E (USCGS)
			F		10:30		Mag: 6 ¹ / ₄ - 6 ¹ / ₂ (Pau)
9	L	Z	eP		09:44:07		in min. break
		E	eS?		45:44		
			F		11:00		

- 3 -

no	Date	Stat.	Com.	Phase	G. M. T.	Dir.	Remarks
September 1955.							
643	9	D	N E NE	e e eS? F	16:30:23 50 36:50 17:00		Z-comp. not readable, lines overlapped.
	9	L	Z E	1P eS F	16:29:47 35:56 16:50	d 47° 0	O = 16 ^h 21 ^m 12 ^s Epic: 7S, 155E (USCGS)
643	9	P	NE	Faint traces between 16 ^h 30 ^m and 16 ^h 50 ^m			
644	10	L	Z E	eP eS F	00:09:16 50 00:15	2° 7	small shock h m s O = 00 08 31
645	10	L	Z E E	1P 1P eS F	21:09:46 48 14:01 21:30	c 24° 0 E	O = 21 ^h 04 ^m 29 ^s Epic: 10W, 123E (USCGS)
	10	D	Z NE	eP eL F	21:09:45 16.0 21:30	c	no clear S wave
	10	B	NE N	eP eS F	21:09:46 14:01 21:30	24° 0	
646	11	L	Z E	1P eS? F	12:04:35 07:45 12:20	17° 1	faint O = 12 ^h 00 ^m 33 ^s
647	11	L	Z	e F	12:24:53 12:28		faint Epic: 31W, 140E (USCGS).
648	11	L	ZE E	1P eS F	18:03:05 09:55 18:40	d/E 46° 7 E	O = 17 ^h 54 ^m 33 ^s Epic: 7S, 155E (USCGS).
	11	D	Z N	eP eS F	18:03:11 10:05 18:40	47° 4	
	11	P	NE NE NE	eP 1P e F	18:03:04 09:53 13:02 18:40	46° 6	
649	11	L	Z E	eP eS F	18:12:54 19:50 18:40	c 47° 6	in coda of no. 648 O = 18 ^h 04 ^m 16 ^s Epic: 7S, 155E (USCGS)
650	12	D	Z N E	1P eS eSS F	06:21:40 34:51 37:12 06:50	c 81° 4 S	O = 06 ^h 09 ^m 20 ^s Extensive property damage in Nile Delta area. Epic: 32W, 30E (USCGS) Mag: 6.2 (Pas).

- 4 -

No.	Date	Stat.	Com.	Phase.	G. M. T.	Dir.	Remarks
September 1955.							
650	12	L	Z	eP	06:21:45	82° .4	
			E	is	32:01	E	
				F	06:50		
	12	F	NE	e	06:21:48		
			WE	is	31:57	S/E	
				F	06:50		
651	12	D	Z	eP	09:38:54	1° .5	in min. break
			WE	eS	39:15		small
				F	09:50		O = 09 ^h 38 ^m 26 ^s
	12	F	NE	eP	09:38:42	0° .6	
			NE	eS	09:45:53		
				F	09:45		
	12	L	Z	iP	09:38:45	d	local shock
			N	e	50		
				F	09:45		
652	13	L	Z	Faint traces in strong micros between 02 ^h 13 ^m and 02 ^h 20 ^m			Eric: 52W, 176W (USCGS)
653	13	L	Z	Faint traces in strong micros between 17 ^h 07 ^m and 17 ^h 15 ^m			Eric: 45S, 911E (USCGS)
654	13	L	Z	e	17:40:58		faint in micros
				F	17:50		Eric: 4W, 125E (USCGS)
655	15	L	ZE	iP	12:36:10	c/E 26° .7	
			E	eS	40:45		O = 12 ^h 30 ^m 27 ^s
			E	iScS	47:06		Eric: 5S, 134E (USCGS)
				F	13:10		Mag: 6.3 (Pas)
	15	D	Z	iP	12:36:15	d 27° .3	
			N	eP	17		
			E	eS	40:54		in min. break
			N	eSS	42:12		
				F	13:10		
656	15	L	Z	eP	20:24:33		small local shock
				F	20:28		
657	15	L	Z	e	20:33:13		very small
				F	20:36		
658	16	L	Z	iP	18:37:00	c	faint
				F	18:43		
659	16	L	Z	iP	20:56:24	c	faint
				F	21:00		
660	17	L	ZE	eP	03:46:04	+0° .5	small local
			E	eS	13		shock
				F	03:50		O = 03 ^h 45 ^m 50 ^s

- 5 -

no.	Date.	Stat.	Comp.	Phase	G. M. T.	Dir.	Remarks
September 1955.							
660	17	D	NE	eP	03:46:09		$\pm 0^{\circ}.8$ Felt in Sukabumi/Pogor area (West-Java)
			NE	eS	21		
				F	03:55		
	17	R	NE	e	03:45:56		small
				F	03:50		
661	17	L	Z	eP	12:05:36		faint
				F	12:15		Eric: $17\frac{1}{2}^{\circ}$ S, $168\frac{1}{2}^{\circ}$ E (USCGS).
662	17	L	Z	eP	14:59:49		very faint
				F	15:05		Eric: $17\frac{1}{2}^{\circ}$ S, 168° E (USCGS)
663	17	L	Z	eP	18:14:26		very faint
				F	18:20		
664	17	L	Z	eP	18:26:39		faint
				F	18:30		Eric: $17\frac{1}{2}^{\circ}$ S, $168\frac{1}{2}^{\circ}$ E (USCGS)
665	17	L	Z	e	20:08:14		very faint
				F	20:15		Eric: 32° S, 178° W (USCGS)
666	18	L	Z	e	11:40:38		very faint
				F	11:43		Eric: 39° N, 129° E (USCGS)
667	19	L	Strong micros between $07^h 30^m$ and $11^h 30^m$				
668	20	L	Z	iP	03:10:20	$\pm 0^{\circ}.8$	Felt in SE-Priangan (West-Java)
			NE	eP	21		
			NZ	eS	32		
				F	03:15		
	20	D	Faint traces between $03^h 10^m$ and $03^h 15^m$				
	20	R	NE	e	03:10:12		small local shock
				F	03:15		
669	20	L	Z	eP	05:58:27	$1^{\circ}.5$	local shock
			E	eS	47		
				F	06:20		
	20	D	Z	eP	05:58:30	$1^{\circ}.8$	
			NE	eS	54		in min. break
			NE	eL	59:15		
				F	06:20		$O = 05^h 57^m 58^s$
	20	R	NE	eP	05:58:41		no clear S-wave
			N	eL	59:18		
				F	06:15		
670	20	L	Z	eP	13:31:52	$73^{\circ}.0$	$O = 13^h 20^m 29^s$
				eS	41:19		Eric: 32° S, 178° W (USCGS)
				F	14:30		Mag: $6\frac{1}{2}$ (Pas) (Perk)
	20	D	NE	e	13:32:33		Z-component not
				F	14:30		readable, lines overlapped. no clear S-wave.
	20	R	Faint traces between $13^h 30^m$ and $14^h 30^m$				

- 6 -

no. Date Stat. Com. Phase G. M. T. Dir. Remarks

September 1955.

671	20	L	Z	iP F	15:17:01 15:21	c	faint
672	21	L	ZE E	iP iS F	06:49:50 58:03 07:20	c/W	60°.2 O = 06 ^h 30 ^m 38 ^s Epic: 17½S, 169E(USCGS)
	21	D	Z NE	eP eS F	06:50:05 58:30 07:20		62°.3
	21	F	NE NE	eP eS F	06:49:51 58:04 07:10		60°.2 faint
(6730)	21	L	Z	e F	13:40:10 13:50		faint Epic: 32S, 178½W (USCGS)
674	21	L	Z	e F	22:50:46 23:00		faint Epic: 6S, 148E (USCGS)
675	22	L	Z E NE E	iP ePP iS eL F	03:31:54 33:09 37:22 41:20 04:10	c W	34°.4 O = 03 ^h 25 ^m 03 ^s Epic: 24W, 123E (USCGS)
	22	D	Z Z E E	iP ePP eS eSS F	03:31:48 33:03 37:15 39:23 04:30	c	34°.2
	22	F	NE NE NE	eP eS eL F	03:31:55 37:24 41:40 04:20		34°.5
676	22	L	Z E	eP eS F	05:42:10 48:20 06:00		40°.5 faint O = 05 ^h 34 ^m 28 ^s Epic: new Britain (USCGS)
	22	D	Faint traces at about the same time.				
677	23	L	ZEN	iP F	01:36:12 01:43	c/W/W	Felt in East-Priangan (West-Java)
	23	D	Z NE	iP eS F	01:36:27 48 01:48		± 1°.5 O = 01 ^h 35 ^m 59 ^s
	23	F	NE	eP F	01:36:08 01:42		small
678	23	L	Z	eP F	02:33:38 02:38		small
679	23	L	Z	e F	12:33:54 12:37		very faint Epic: 15S, 170E(USCGS)
680	23	L	Z E E	eP eS eL F	15:12:59 18:18 22:30 16:00		33°.1 O = 15 ^h 06 ^m 19 ^s Max: amrl. in L-wave Epic: 27W, 101½E (USCGS) Mag: 6½ (Pas).
	23	F	NE NE NE	eP eS eL F	15:13:00 18:20 22:0 16:00		33°.2

- 7 -

No.	Date	Stat.	Comp.	Phase.	G.M.T.	Dir.	Remarks
September 1955.							
681	23	L	Z	e F	19:27:40 19:35		faint Epic: 15S, 170E(USCGS)
682	24	L	Z	e F	02:12:12 02:20		very faint (time corr. uncertain) Epic: 32S, 178W(USCGS)
683	24	D	Z NE	eP eP F	10:27:55 57 11:00		in min. break no clear S-wave
	24	B	NE E	eP eS F	10:27:56 33:05 10:50	31° .6	O = 10 ^h 21 ^m 29 ^s Epic: 22W, 122E(USCGS)
	24	L	ZE E	iP eS? F	10:27:58 c/W 33:09 11:00		time corr. uncertain
684	24	L	Z	iPKP F	17:10:27 d 17:15		faint (time corr. un- certain). Epic: 23S, 68W, h about 100 Km (USCGS)
685	24	L	Z	eP F	20:00:07 20:05		faint (time corr. un- certain) Epic: Solomon Isls. (USCGS).
686	24	L	Z	Faint traces between 20 ^h 47 ^m and 21 ^h 15 ^m			
687	25	D	ZEN Z Z NE E	iP ePP ePoP eS eSSS F	19:04:29 c/W/S 05:10 08:16 36 09:58 19:40	24° .0	Epic: 6W, 127 ¹ / ₂ E(USCGS) h about 100 Km. Mag: 6 ¹ / ₂ (Pas).
	25	F	NE E N N E	eP eS iSS eSSS eScS F	19:04:23 S/W 08:25 09:20 W 36 15:31 19:40	23° .4	deeper than normal
688	26	L	Z	iPKP F	08:47:52 c 09:30		O 18 ^h 59 ^m 22 ^s deeper than normal Epic: 15 ¹ / ₂ N, 92 ¹ / ₂ W (USCGS) Mag: 6 ³ / ₂ (Pas).
	26	D	Z NE	iPKP e F	08:48:04 c 56:10 09:30		deeper than normal faint
	26	D	NE N N	ePKP e e F	08:47:54 50:09 59:48 09:10		faint
689	27	L	Z	iP F	01:54:53 02:00		very small
690	27	L	Z E	eP eS F	06:12:38 52 06:20	± 0.9	O = 06 ^h 12 ^m 18 ^s
691	28	L	Z E	eP eL F	01:53:21 02:05:11 02:20		faint no clear S-wave Epic: 27W, 101 ¹ / ₂ E (USCGS).
	28	D	N ZE	e e F	02:02:20 05:03 02:20		faint

- 8 -

No.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
SEPTEMBER 1955.							
692	28	L	Z	eP F	08:22:13 08:25		small
693	28	L	Z	Faint traces between 08 ^h 50 ^m and 09 ^h 40 ^m			
694	28	L	Z	ePKP F	18:29:32 18:35		very faint Epic: 15W, 97 $\frac{1}{2}$ W(USCGS) Mag: 6 (Pas)
695	29	L	Z	e F	07:35:31 07:41		very faint
696	29	L	Z	e F	16:52:51 16:57		very faint
697	29	L	Z	e F	17:39:49 17:46		faint
698	29	L	Z	eP F	17:53:26 17:57		small local shock
699	29	L	Z	iP F	20:07:47 20:20	a	faint Epic: 40W, 141E (USCGS)
700	30	D	Z E NE	eP eS eL F	03:14:03 18:18 23:0 03:40	24 ^o .0	in min. break O = 03 ^h 08 ^m 46 ^s Epic: 8W, 126 $\frac{1}{2}$ E(USCGS) Foreshock of no.702
	30	F	NE NE N	eP eS eSS F	03:14:02 18:16 19:08 03:30	N/E 23 ^o .9	
	30	L	ZE E E	iP eS eSSS F	03:14:01 18:14 19:12 03:30	c/W 23 ^o .8	
701	30	L	Z	Faint traces between 03 ^h 36 ^m and 03 ^h 45 ^m			
702	30	D	Z NE NE N NE	iP eP eS eSS eL F	07:06:36 38 10:48 11:37 14:0 17:40	c N/W 23 ^o .7	O = 07 ^h 01 ^m 22 ^s Epic: 7 $\frac{1}{2}$ W, 126 $\frac{1}{2}$ E(USCGS)
	30	F	NE E NE	eP eS eSSS F	07:06:37 10:50 11:57 07:20	23 ^o .8	
	30	L	ZE N E E E E	iP eP eS e eSSS eL F	07:06:36 38 10:48 11:22 53 13:32 07:30	c/W 23 ^o .7 S	
703	30	L	Z E	eP eS F	18:20:29 21:25 18:30	14 ^o .7	faint
704	30	L	Z E	eP e F	19:27:09 30:05 19:40		faint Epic: 51 $\frac{1}{2}$ W, 176 $\frac{1}{2}$ W (USCGS).
705	30	L	Z	e F	21:02:19 21:10		faint

- 9 -

no.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
October 1955.							
706	1	D	N E	e e F	06:33:48 52:09 07:10		very faint
707	1	L	Z	iP F	18:59:30 19:10	c	deeper than normal Eric: 19S, 169E (USCGS)
708	1	D	Z N	e e F	19:16:33 17:27 19:30		faint no clear P/S wave
	1	L	Z N	eP e F	19:16:40 17:15 19:25		no clear S-wave
709	2	F	N	eP F	21:58:24 22:03		very small
	2	L	Z NE	iP e F	21:58:28 42 22:04	d	small local shock
701	2	L	Z NE	iP e F	22:11:40 52 22:17	d	small Felt in South Pri- angan (West-Java).
	2	F	NE	eP F	22:11:36 22:15		very small
711	3	L	Z	iP F	07:12:45 07:17		small
712	3	L	Z NE	iP e F	18:45:31 45 18:50	c	small
	3	F	NE	e F	18:45:37 18:49		very small
713	4	L	Z E	eP e F	06:08:30 09:48 06:20		no clear S-wave
	4	D	Z N	eP e F	06:08:26 09:18 06:20		no clear impulses
	4	F	E N E	e e e F	06:08:45 09:40 10:11 06:15		
714	5	D	Z E	eP eS F	09:09:36 19:10 09:30	74° .3	O = 08 ^h 57 ^m 55 ^s Eric: 53 ¹ / ₂ N, 161E (USCGS).
715	6	L	Z	e F	05:58:15 06:10		faint
716	6	L	Z Z	ePKP e F	11:22:19 25:34 11:35		faint Eric: 36S, 70W (USCGS) h about 150 km. Mag: 6 ¹ / ₂ (Pas).
717	7	L	Z	eP F	07:32:36 07:40		very faint Eric: 19S, 173 ¹ / ₂ W (USCGS).
718	7	L	Z	e F	08:09:04 08:15	d?	very faint
719	7	L	Z E	eP eS F	23:43:43 44:10 23:55	d	2° .1 small

- 10 -

no.	Date	Stat.	Comr.	Phase	G.M.T.	Dir.	Remarks
October 1955.							
7		R	N NE	eP eS? F	23:43:45 44:15 23:50		small
720	8	L	Z E	eP e F	07:13:12 52 07:20		small NS-comr. in disorder
721	9	L	Z E	eP e F	17:48:27 58:25 18:05		faint Eric: 5S, 153E(USCGS)
722	10	R	NE E N NE	eP eS eSS eL F	09:06:00 12:36 15:47 19.0 10:10	44 ^c .6	O = 08 ^h 57 ^m 44 ^s Eric: 5S, 153E(USCGS) Mag: 7 ¹ / ₄ (Pas).
10		D	NE NE	eP eL F	09:06:08 19.0 10:30		no clear S-wave
10		L	E E	eP eL F	09:06:02 22.0 10.10		Z and N comr. in disorder.
723	10	L	Z	Faint traces between 12 ^h 01 ^m and 12 ^h 10 ^m			Eric: new Britain.
724	10	L	ZE E	iP eSS F	21:03:37 13:33 21:20	c	Eric: 17 ¹ / ₂ S, 174W(USCGS)
725	11	B	NE E N	eP eS e F	01:18:43 21:55 23:01 01:30	17 ^o .3	O = 01 ^h 14 ^m 39 ^s Eric: northern Celebes (USCGS)
11		L	Z E	iP eS? F	01:18:48 22:07 01:30	d	time corr. uncertain faint
11		D	Faint traces between 01 ^h 18 ^m and 01 ^h 30 ^m				
726	11	L	Z	eP F	04:17:51 04:25		faint Eric: Indian Ocean, 700 mls east of Mascarene Isls(USCGS)
727	11	L	Z	eP F	13:30:27 13:45		faint
728	11	L	Z	e F	17:24:57 17:30		faint
729	13	L	Z E	iP e F	03:53:15 34 04:00		small Felt in SE-Priangan West-Java
730	13	D	Z E E	iP eS eSSS F	09:36:07 43:38 49:05 10:20	c 53 ^o .3	O = 09 ^h 26 ^m 44 ^s Eric: 9 ¹ / ₂ S, 161E(USCGS) Mag: 7 (Pas)
13		R	NE E NE	eP eS e F	09:35:58 43:22 45:45 10:00	S/E 52 ^c .1	

- 11 -

No.	Date	Stat.	Comr.	Phase	G.M.T.	Dir.	Remarks
October 1955.							
	13	L	ZE	iP	09:36:01	c/W	52° .5
			E	iS	43:27	E	
				F	10:00		
731	13	L	Z	eP	16:30:56		faint
			Z	ePP	16:33:30		Epic: 36S, 177½E h about
				F	16:40		200 Km (USCGS)
732	13	L	Z	eP	17:56:58		faint
				F	18:03		Epic: 24W, 121E (USCGS)
733	14	L	Z	eP	01:07:57		in min. break, faint
				F	01:12		Epic: 16½S, 172W (USCGS)
734	14	L	ZE	eP	07:03:34		faint
			E	e	05:48		
				F	07:10		
735	14	L	Z	iPKP	09:02:43	d	faint
				F	09:15		Epic: 3S, 103½W (USCGS)
							Mag: 6 - 6½ (Pas).
14							Faint traces at about the same time
14			Z	ePKP	09:02:45		
							Faint traces in W. and E-com. between 09h02m and 09h20m
736	17	L	Z	eP	01:16:41		faint
				F	01:25		Epic: 6S, 154E (USCGS)
737	17	L	Z	eP	20:19:48		very faint
			Z	e	25:24		
				F	20:30		Epic: 17½W, 43½E (USCGS)
738	18	L	Z				Faint traces between 01h07m and 01h25m
739	18	L	Z	iP	23:54:03	d	small local shock
				F	24:00		
740	19	L	Z				Faint traces between 01h55m and 02h00m.
741	19	D	Z	iP	10:05:55	c	69° .3
			WE	eS	15:01		0 = 09h54m44s
				F	10:30		in min. break
							Epic: 49½W, 155E (USCGS)
							Mag: 6½ (Pas).
19		L	Z	iP	10:05:53	d	faint
			E	eS?	15:01		
				F	10:25		
742	19	L	Z	i	10:34:03	d	deeper than normal
				F	10:40		faint
743	19	L	Z	i	11:45:08	c	deeper focus
				F	11:50		faint
744	19	L	Z	eP	20:32:01		very small
			Z	e	19		
				F	20:36		
745	20	L	Z	e	03:54:26		faint
				F	03:58		
746	20	L	Z	eP	10:50:47	d	small local shock.
				F	10:55		
747	20	L	Z	e	12:05:09	c	very faint
				F	12:08		
748	20	L	Z	iP	16:03:47		deeper than normal
				F	16:10		no clear S-wave

- 12 -

No.	Date	Stat.	Comr.	Phase	G.M.T.	Dir.	Remarks
October 1955.							
749	21	L	Z E E E	iP e e eScs F	04:35:00 20 39.0 47:56 05:00	c	no clear S-wave in min. break Felt in Atjeh (North-Sum) Eric: 4W, 95E (USCGS).
	21	F	NE E NE	e e eScs F	04:35:35 37:18 48:15 05:00		faint time corr. uncertain
	21	D	Z NE	e e F	04:35:48 38:33 05:00		no clear impulses.
750	21	D	Z NE Z Z NE NE	eP eP erP iPPP eS eS F in coda of no. 751	19:13:11 13 15:22 17:46 21:45 25:36	d 72°.6 o S/E	deen focus h about 650 km. Eric: 21S, 179W (USCGS). Mag: 6½ (Pas).
	21	L	ZE Z E E	iP erP iS eS F in coda of no. 751	19:13:06 15:16 21:36 25:29	d/E 71°.8 E	
	21	F	NE NE E	iP iS eS F	19:13:26 21:56 25:50 19:30	N/E S/E	in min. break time corr. uncertain
751	21	D	Z	eP F	19:31:27 19:50	d	small
	21	L	Z	iP F	19:31:30 19:50	d	
	21	F	Faint traces between 19 ^h 31 ^m and 19 ^h 45 ^m .				
752	21	D	Z E E NE	eP eP eS eL F in change of paper.	23:13:45 48 17:00 18:20	17°.6 O = 23 ^h 09 ^m 38 ^s	Max: amrl. in L-wave Eric: ½S, 123½E (USCGS)
	21	F	NE N NE	eP eS eL F	23:14:13 17:31 19:19 24:00	17°.9	time corr. uncertain small
753	22	L	Z	eP F	04:20:40 04:25		
754	22	L	Z	e F	07:39:20 07:43		faint
755	22	D	Z NE	eP eS F	11:22:21 25:40 11:35	18°.0 O = 11 ^h 18 ^m 08 ^s	afterchock of no. 752.
	22	L	Z	eP F	11:22:23 11:35		

- 13 -

no.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
October 1955.							
756	22	L	Z E Z	eP eS? e F	12:47:34 50:48 59:24 13:05		faint Eric: 0, 123E (USCGS).
	22	D	Z E	e e e F	12:47:46 51:07 52:07 13:00		faint
757	22	L	Z ZE	eP eS? F	17:25:08 24 17:29		small
758	22	L	Z	eP F	22:14:32 22:30		faint Eric: 6S, 149E (USCGS).
759	22	L	Z	iP F	22:44:22 22:48		faint: deeper than normal Eric: 15S, 176W (USCGS)
760	23	L	Z ZE	eP eS? F	09:47:25 43 09:51		small local shock
761	23	L	Z	eP F	17:13:37 17:20		faint Eric: 11½S, 163E(USCGS).
762	24	L	Z Z	e e F	15:24:02 25:02 15:30		faint
763	24	L	Z	eP F	19:02:08 19:05		small
764	25	L	Z	Faint traces between 11 ^h 34 ^m and 12 ^h 00 ^m			
765	26	L	Z E	eP eS? F	01:24:02 42 01:35	3°.2	in min. break
	26	D	Z E N	eP eS eL F	01:24:10 55 25:43 01:40	3°.7	small O = 01 ^h 23 ^m 10 ^s .
	26	B		Faint traces at about the same time			
766	27	L	Z	eP F	01:47:26 01:53		faint Eric: 17S, 179W (USCGS)
767	27	L	Z	eP F	03:33:28 03:37		small Felt in Sumedang area (West-Java).
768	27	L	Z	iP F	11:16:24 11:22	c	faint Eric: 10½S, 166E(USCGS)
769	27	L	Z	e F	14:29:10 14:33		very faint
770	27	L		Faint traces between 19 ^h 33 ^m and 19 ^h 50 ^m			

- 14 -

no.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
October 1955.							
771	28	L	Z	eP	01:27:26	29.3	small
			E	eS	55		
				F	01:33		
	28	D	Z	eP	01:27:18	10.7	small
			NE	eS	41		
				F	01:35		0 = 01 ^h 26 ^m 47 ^s
(772)	29	L	Z	eP	07:32:58		small
				F	07:40		
773	30	L	Z	eP	11:38:39		no clear S-wave
				F	11:50		
(774)	30	D	Z	e	11:38:58		
			E	eS?	42:31		
				F	12:00		Epic: 12S, 123E(USCGS).
774	30	L	Z	eP	19:31:07		in minute break
				F	19:40		faint
							Epic: 19S, 180 (USCGS).
							h about 650 km.
775	30	L	Z	eP	23:44:34		small
				F	23:50		
776	31	L	Z	Faint traces in micros between 20 ^h 15 ^m and 20 ^h 25 ^m .			

//

Ministry of Communication
Meteorological & Geophysical Institute
Djakarta.



SEISMOLOGICAL PULLETIN

Period: november, December 1955.

Geographical position of the stations

Djakarta : Lat. $06^{\circ}11' S$ Long. $106^{\circ}50' E$ $h = 8 m$

Foundation : River quaternary.
Seismographs : Wiechert Z 1300 kg.
Wiechert W & E 100 kg.

Pandung : Lat. $06^{\circ}54' S$ Long. $107^{\circ}39' E$ $h = 726 m.$

Foundation : quaternary volcanics.
Seismographs : Wiechert W & E 1000 kg.

Lembang : Lat. $06^{\circ}54' S$ Long. $107^{\circ}37' E$ $h = 1295 m.$

Foundation : quaternary volcanics.
Seismographs : Sprengnether Z ($T = 1.4 sec.$).
Sprengnether W ($T = 3.4 sec.$).
Sprengnether E ($T = 2.5 sec.$).

Constants of the Wiechert seismographs.

<u>Djak.</u>		WS-Component					EW-Component					Z-Component				
1955	T	r	E	V	e	T	r	E	V	e	T	r	E	V	e	
Nov.	7.7	0.06	3.29	246	1.16	7.6	0.05	2.52	256	1.18	4.0	0.05	3.59	300	1.16	
Dec.	7.7	0.07	3.27	239	1.09	7.7	0.08	2.76	239	1.13	4.0	0.06	3.58	300	1.12	

<u>Band.</u>	MS-Component				EW-Component				
Nov. 5.4	0.19	1.34	201	1.26	4.9	0.24	1.13	195	1.39
Dec. 5.5	0.19	1.35	184	1.14	5.0	0.28	1.19	171	1.32

Abbreviations : used in the bulletin.

D = Djakarta station.

P = Pandung station.

L = Lembang station.

c = a compressive first movement.

d = a dilatational first movement.

Meteorological & Geophysical Institute

Address:

Meteorological & Geophysical Institute
Djalan Geredja Inggris 3
Djakarta (Indonesia).

(Prof. Ir. H. Goenarso)
Director.-

- 1 -

no.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
November 1955.							
777	1	L	Z	eP	06:29:22		small local shock.
				F	06:32		
778	1	L	Z	e	10:20:36		very faint
				F	10:25		Epic: 5S, 153E (USCGS).
779	1	L	Z	e	15:24:38		very faint
				F	15:28		Epic: Loyalty Isls(USCGS)
780	1	L	Z	e	23:56:06		very faint.
				F	24:00		Epic: 39½W, 144E(USCGS).
781	2	L	Z	eP	02:28:12		in min. break.
			E	eS?	40		
				F	02:32		small.
782	2	L	Z	eP	03:15:40		
				F	03:20		
783	2	L	Faint traces between 07 ^h 47 ^m and 08 ^h 10 ^m .				
784	2	L	Z	iP	18:41:04	d	
			E	eS?	44:07		no clear S-wave.
				F	18:50		Epic: 5W, 126E (USCGS).
785	3	L	Z	iPKP	12:59:47	d	deeper than normal
				F	13:05		Epic: Bolivia-Chile border(USCGS).
786	4	L	Z	iP	07:01:06	c	small local shock.
			E	eS?	21		
				F	07:05		
787	4	L	Z	eP	14:59:41		small
				F	15:04		Felt in central-Java (Pandjarnegara-area).
788	4	L	Z	ePKP	23:03:15		faint.
			Z	ePP	06:19		Epic: 35½S, 69½W (USCGS).
				F	23:12		h about 100 km.
							Mag: 6½ (Pas).
789	5	L	Z	iP	04:03:43	d	faint.
				F	04:10		Epic: 19½S, 169E(USCGS).
							h about 150 km.
790	5	L	Z	e	08:03:41		faint
				F	08:10		
791	5	L	Z	iP	12:28:28	d	24°.
			E	eP	30		
			E	eS	32:48		Epic: off east coast of Mindanao P.I.(USCGS).
				F	12:40		
	5	B	Faint traces at about the same time				
							no min. marks.
792	6	L	Z	iP	01:09:26	c	faint.
				F	01:15		

- 2 -

no.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
November 1955.							
793	7	L	Z	iP	07:44:11	d	faint, deer focus
				F	07:50		Epic: Fiji Isls (USCGS).
794	8	L	ZE	iP	05:15:50	W	local shock
			N	iP	51	N	Felt in SW-Priangan
				F	05:25		(West-Java).
	8	D	Z	iP	05:15:56	d	1°.2
			N	iP	58	S	in min. break
			NE	eS	16:13		O = 05 ^h 15 ^m 32 ^s
				F	05:30		
	8	F	NE	eP	05:15:42		1°.0
			NE	eS?	57		time corr. uncertain
				F	ren thrown off		after arrival of S.
795	9	L	Z	e	10:42:40		very faint.
				F	10:45		
796	9	L	Z	iP	14:22:53	c	faint
				F	14:26		
797	9	L	Z	eP	14:30:54		very faint.
				F	14:34		
798	9	L	Z	iP	17:51:09	c	very faint
				F	17:55		
799	9	L	Z	iP	22:08:50	c	very faint
				F	22:12		Epic: near Eastcoast of Madagascar (USCGS).
800	10	L	Z	eP	01:32:48	d	faint
				F	01:45		Epic: 5S, 152E (USCGS).
801	10	D	Z	eP	01:56:01	c	77° .6
							O = 01 ^h 44 ^m 14 ^s
			E	eS	02:05:43	W	Epic: 15S, 174W (USCGS).
				F	02:40		h about 100 km.
							Mag: 7 $\frac{1}{4}$ - 7 $\frac{1}{2}$ (Pas).
	10	L	Z	eP	01:55:52		77.8
			NE	eS?	02:05:35		
			E	eS	06:20		
				F	02:20		
	10	F	NE	eP	01:55:56		76° .0
			NE	eS	02:05:30	W/E	in min. break.
				F	02:20		
802	10	L	Z	eP	04:44:54		faint
				F	04:50		

no.	Date	Stat.	Comr.	Phase	G.M.T.	Dir.	Remarks.
November 1955.							
803	10	L	Z	1P	05:21:42	d	very faint
				F	05:30		Epic: $28\frac{1}{2}^{\circ}$ S, $178\frac{1}{2}^{\circ}$ W (USCGS).
804	10	L	Z	1PKP	09:11:47	d	faint
			Z	ePP	15:18		
				F	09:20		Epic: 25° S, 65° W (USGS).
805	11	L	Z	Faint traces between $11^{\text{h}}34^{\text{m}}$ and $11^{\text{h}}38^{\text{m}}$			
806	11	L	Z	eP	18:59:59		small
				F	19:03		
807	12	L	Z	1P	05:44:12	d	faint
				F	05:50		Epic: 26° N, 35° E (USCGS).
808	12	D	Z	eP	10:16:20	$46^{\circ}.6$	
			E	eS?	23:09		no clear S-wave
				F	10:30		Epic: 5° S, $152\frac{1}{2}^{\circ}$ E (USCGS). h about 60 km.
	12	L	Z	1P	10:16:12	c $44^{\circ}.8$	
			E	eS?	22:50		
				F	10:30		
	12	F	NE	eP	10:16:12	$44^{\circ}.8$	
			E	eS	22:50		in min. break
				F	10:30		
809	12	D	Z	eP	11:17:54	$25^{\circ}.2$	$0 = 11^{\text{h}}12^{\text{m}}25^{\text{s}}$
			E	eP	57		
			N	eS	22:18		
				F	11:40		Epic: $11\frac{1}{2}^{\circ}$ N, $125\frac{1}{2}^{\circ}$ E (USCGS).
	12	F	NE	eP	11:17:42	$24^{\circ}.4$	
			N	eS?	22:00		
				F	11:30		
	12	L	Z	1P	11:17:42	c $23^{\circ}.9$	
			E	eP	44		
			E	eS	21:56		
				F	11:30		
810	12	L	Z	eP	12:30:06	c	very faint
				F	12:35		Epic: $22\frac{1}{2}^{\circ}$ S, 179° E (USCGS) h about 600 km.
811	12	L	Z	eP	13:51:23		faint
				F	14:00		Epic: new Britain region (USCGS).

No.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
November 1955.							
812	12	L	Z	eP	15:55:43		faint
				F	16:00		Epic: 17½S, 167½E(USCGS).
813	12	L	Z	1P	23:11:57	d	small local shock
				F	23:18		
814	13	L	Z	e	08:59:35		very faint
				F	09:03		
815	13	L	Z	eP	22:55:09		very faint
				F	23:00		Epic: Fiji Isls region (USCGS).
816	14	D	Z	1P	03:18:54	c	60° .8
			E	eS	26:52		h about 200 km.
				F	03:40		Epic: 14S, 167E (USCGS).
	14	L	ZE	1P	03:18:45	c/W	60° .1
			E	1S	26:39	E	
				F	03:35		time corr. uncertain
817	14	D	Z	eP	13:31:18	d	46° .2
			WE	eS	37:51	w/W	0 = 13 ^h 23 ^m 08 ^s
				F	13:50		h about 150 km.
							Epic: 17½W, 145½E(USCGS).
	14	L	Z	1P	13:31:11	d	44° .0
			E	eS?	37:30		
				F	13:50		time corr. uncertain
818	15	L	Z	1P	03:25:01	d	very faint
				F	03:30		Epic: 5S, 154E (USCGS).
819	16	D	Z	1P	07:37:41	c	3° .0
			WE	1S	38:18	w/W	small local
				F	07:45		0 = 07 ^h 36 ^m 51 ^s
	16	L	ZEN	1P	07:37:31	d/E/S	2° .2
			E	eS	59		
				F	07:45		
	16	T	WE	eP	07:37:51		2° .0
			WE	eS	38:17		time corr. uncertain
				F	07:45		
820	16	D	WE	eP	13:46:29		1° .2
			WE	eS	47		Z-Comp. not readable, lines overlapped.
				F	14:00		0 = 13 ^h 46 ^m 06 ^s
	16	L	ZEN	1P	13:46:21	d/W/S	Felt in SW-Priangan (West-Java).
				F	13:57		
	16	T	WE	eP	13:46:39		
			WE	eS?	59		in min. break
				F	13:55		time corr. uncertain.

- 5 -

No.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
November 1955.							
821	17	L	Z	ePKP F	07:13:08 07:25	c	Epic: 26½S, 69W(USCGS). h about 60 km.
	17	D	WE	e F	07:13:56 07:25		faint
	17	P	WE	ePKP F	07:13:07 07:25		faint
822	19	L	Z	e F	22:07:58 22:15		very faint. Epic: 21S, 173W (USCGS)
823	19	L	Z	e F	05:50:40 05:54		very faint Epic: 14S, 179W (USCGS)
824	19	L	Z E	iP eS? F	08:35:57 43:59 08:50	d	deeper than normal Epic: 17½S, 168E(USCGS).
825	19	L	Z E	eP eS? F	09:15:29 54 09:20		small local shock
826	19	L	Z	e F	12:07:20 12:15		very faint
827	20	L	Z	Faint traces between 00 ^h 55 ^m and 01 ^h 00 ^m			
828	20	L	Z	e F	02:19:56 02:25		very faint
829	20	L	Z	Faint traces between 08 ^h 24 ^m and 08 ^h 32 ^m .			
830	21	L	Z	eP F	13:16:58 13:20		small
831	21	L	Z	eP F	14:09:50 14:15		small
832	21	L	Z E	iP e F	21:15:11 23:52 21:30	o	faint Epic: 38S, 178E(USCGS).
833	22	L	Z	Faint traces between 05 ^h 59 ^m and 06 ^h 11 ^m .			
834	22	L	Z	e F	12:06:10 12:10		small, in min. break
835	22	L	Z	Faint traces between 17 ^h 13 ^m and 17 ^h 18 ^m			Epic: new Britain (USCGS).
836	22	L	Z	e F	17:55:13 18:00		very faint

: - 6 -

no.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	h e m a r k s
November 1955.							
837	23	L	Z	e	05:06:30		faint
				F	05:12		
838	23	D	Z	eP	06:40:51	71°.	faint
			NE	eS	50:06		Epic: 50½W, 157E (USCGS).
				F	07:30		h about 60 km
							Mag: 7-7½ (Pas).
	23	F	NE	eP	06:40:57	71°.	
			E	eS	50:15		
				F	07:00		time corr. uncertain
	23	L	Z	iP	06:40:49	c	
			E	es?	50:08		
				F	07:05		
839	23	L	Z	iP	07:08:42	c	faint
				F	07:15		
	23	F	NE	eP	07:08:57		in min. break.
				F	07:20		time corr. uncertain
840	23	L	Z	eP	16:33:08	c	small
				F	16:38		
841	23	L	Z	iP	17:21:34	d	long distance shock?
				F	17:25		faint.
842	24	L	Z	eP	04:57:35		very faint
				F	05:05		Epic: 19W, 120½E (USCGS).
843	24	L	Z	eP	11:21:56	d	faint
				F	11:25		Epic: 51W, 157E (USCGS).
844	25	L	Z	eP	08:47:10		very faint
				F	08:48		Epic: 43W, 143E (USCGS).
845	25	L	Z	iP	19:27:54	d	faint
				F	19:33		
846	25	L	Z	eP	22:00:58		in min. break
				F	22:10		local shock.
	25	F	NE	eP	22:00:57		small
				F	22:10		
847	26	L	Z	iP	06:59:20	c	small
				F	07:05		
848	26	L	Z	iPKP	13:34:48	c	very faint
				F	13:39		Epic: Santa Cruz Island (USCGS).

- 7 -

no.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
November 1955.							
849	27	L	Z	eP	07:16:48		faint
				F	07:25		Epic: $24\frac{1}{2}^{\circ}$ S, $177\frac{1}{2}^{\circ}$ W (USCGS) h about 100 km.
850	27	L	Z	e	17:24:53		very faint.
				F	17:30		Epic: 19° N, 145° E (USCGS). h about 600 km.
851	27	L	Z	eP	19:37:25	$34^{\circ}.3$	$O = 19^{\circ}30'35''$
			Z	iPP	38:46	c	
			E	eS	42:52		
				F	19:50		Epic: 23° N, $124\frac{1}{2}^{\circ}$ E (USCGS).
852	27	L	ZE	eP	21:10:11	c $1^{\circ}.3$	small
			ZEN	eS	29		
				F	21:15		$O = 21^{\circ}09'46''$
	27	D	WE	eP?	21:10:21		small
				F	21:15		
	27	D	Z	eP	21:10:16		small
			W	eS?	46		in min. break
				F	21:15		
853	27	L	Z	iP	21:32:22	d $17^{\circ}.4$	$O = 21^{\circ}28'47''$
			E	eS	35:16		
			E	iScS	43:06		h about 500 km.
				F	21:47		Epic: Panda sea (USCGS).
	27	D		Faint traces at about same time.			
	27	D	WE	e	21:35:12		very faint
			W	e	43:02		
				F	21:46		
854	27	L	Z	iP	22:08:12	d	small
				F	22:13		
855	28	L	Z	e	08:57:36		faint
			E	e	09:02:42		no clear P/S-wave
			ZE	e	05:39		
				F	09:15		
856	28	L	Z	e	16:14:09		faint
				F	16:18		
857	28	L	Z	iP	18:33:35	c	faint
				F	18:50		Epic: Samoa Islands region (USCGS).
858	29	L	Z	e	09:39:44		very faint
				F	09:50		Epic: Solomon Isls (USCGS).

no.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
November 1955.							
859	29	L	Z	iP F	12:37:47 12:41		very small
860	29	L	Z	iP F	15:55:03 16:00	c	faint
861	29	L	Z	iP F	16:35:35 16:40	d	deeper than normal. Epic: 18½S, 175½W(USCGS) h about 200 km.
862	30	L	Z	iP F	00:20:41 00:25	d	very faint. Epic: 21S, 174½E(USCGS)
863	30	L	Z	e F	06:36:40 06:41		very faint Epic: Fiji Isls region (USCGS).
864	30	L	Z	e F	07:37:55 07:42		faint
865	30	L	Z	iP F	17:24:28 17:30	c	faint Epic: 11S, 166E(USCGS).

December 1955.

866	1	L	Z	Faint traces between 08 ^h 46 ^m and 08 ^h 50 ^m			Epic: Solomon Isls region (USCGS).
867	1	L	Z	eP F	15:27:43 15:33		small local shock.
868	1	L	Z	eP F	15:49:45 15:54		small
869	1	L	Z	e F	20:13:52 20:17		very faint
870	1	L	Z	e F	21:10:06 21:13		very faint
871	2	L	Z	eP F	16:22:37 16:26		small
872	3	L	Z	eP e F	09:18:36 19:14 09:23		small
873	3	L	Z	iP F	14:36:41 14:40	c	deeper than normal faint Epic: 35½W, 135E(USCGS)
874	4	L	Z	eP F	02:13:02 02:18		faint, deep focus Epic: 33½S, 180 (USCGS)
875	4	L	Z	Faint traces between 04 ^h 13 ^m and 04 ^h 17 ^m			Epic: 34W, 49E (USCGS).

No.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
December 1955.							
876	4	L	Z	General unrest between 05 ^h 55 ^m and 06 ^h 02 ^m 06 ^h 37 ^m and 06 ^h 53 ^m			
877	4	L	Z	iP	13:27:41	d	faint.
				F	13:31		
878	5	L	ZE	Faint traces between 08 ^h 57 ^m and 09 ^h 40 ^m			
879	5	D	Z	iP	10:10:18	1°.3	small
			NE	iS	36	N/E	
				F	10:15		O = 10 ^h 09 ^m 53 ^s
	5	L	ZE	iP	10:10:19	d	
			E	eS?	45		
				F	10:15		
880	5	L	Z	iPKP	14:46:26		small dilatation followed by greater compression Epic: 23½S, 67W (USCGS) h about 150 km.
				F	14:52		
881	5	L	Z	eP	20:21:06	34°.0	O = 20 ^h 14 ^m 18 ^s
			E	eS	26:31		
				F	20:30		Epic: 24W, 122½E (USCGS).
882	5	L	Z	e	21:17:14		very small
				F	21:22		
883	6	L	Z	e	03:08:16		faint
				F	03:13		
884	6	L	Z	ePKP	04:50:49		faint
				F	05:06		Epic: 20S, 70W (USCGS). Mag: 6½ (Pas).
885	6	D	Z	iP	05:07:37	c 1°.3	local shock.
			NE	iP	38	E	compression from West.
			N	eS	55		
				F	05:30		O = 05 ^h 07 ^m 12 ^s
	6	D	NE	eP	05:07:48	1°.9	
			N	eS	08:13		
				F	05:20		
	6	L	ZE	iP	05:07:47	d/W	
			E	e	55		no clear S-wave.
				F	05:30		
886	6	L	Z	i	14:22:12	c	faint
				F	14:30		
887	6	L	Z	iPKP	15:36:05	c	long distance shock?
				F	15:40		faint.

no.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
December 1955.							
888	6	L	Z	eP	22:58:27		small local shock
				F	23:10		no clear S-wave.
889	7	L	Z	iP	04:43:03	c	faint
				F	04:50		
890	7	L	Z	eP	06:28:14		small
				F	06:33		
891	7	L	Z	e	14:54:15		very faint
				F	14:58		
892	7	D	NE	eP	15:11:48	47° .3	Z-comp. in disorder
			NE	eS	18:42		O = 15 ^h 03 ^m 11 ^s
			NE	eL	27:0		Eric: 26 ¹ / ₂ W, 142 ¹ / ₂ E (USCGS)
				F	15:50		Mag: 6 ³ / ₄ -7 (Pas).
	7	L	ZE	eP	15:11:48	47° .3	in min. break.
			ZE	eS	18:42		
				F	15:50		
	7	F	NE	eP	15:12:04	47° .3	faint.
			NE	eS	18:58		
				F	15:40		time corr. uncertain.
893	7	L	Z	e	15:32:28		faint
				F	in coda of no. 892.		
894	7	L	Z	iP	16:21:10	c	deeper than normal
				F	16:25		faint
							Eric: Tonga Isls region (USCGS). h about 200 km.
895	7	L	Z	e	16:37:08		very faint
				F	16:42		
896	7	L	Z	e	17:27:19		very faint
				F	17:31		
897	8	L	Z	e	00:22:26		very faint
				F	00:30		
898	8	L	ZE	iP	02:09:56	d/W	faint
				F	02:30		no clear S-wave
	8	D	Z	eP	02:09:51		
			NE	eS?	11:00		
				F	02:30		
	8	F	NE	e	02:10:00		faint
				F	02:20		

- 11 -

no.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
December 1955.							
899	8	L	Z	e F	16:40:23 16:45		very faint.
900	8	L	Z	iP	17:43:30	c	44° .5 0 = 17 ^h 36 ^m 01 ^s
			Z	epP	44:54		
			E	iS	49:30	W	
				F	18:00		Epic: 4S, 152E (USCGS). h about 500 km.
	8	D	Z	eP	17:43:40	45° .5	
			N	eS	49:46		
				F	18:00		faint.
	8	B	NE	e	17:49:29		very faint.
				F	18:00		
901	9	L	Z	eP	09:09:45		very faint
				F	09:45		Epic: Kermadec Isls (USCGS).
902	9	L	Z	i	10:49:21	d	
				F	10:55		faint.
903	9	L	Z	i	21:25:02	c	deep focus
				F	21:30		faint.
904	10	L	Z	Faint traces between 17 ^h 03 ^m and 17 ^h 10 ^m			
905	11	L	Z	eP	07:32:13		small
				F	07:37		
906	11	L	Z	iP	11:23:27	c	in strong micros
				F	11:30		Epic: Kermadec Isls (USCGS).
907	12	L	Z	ePKP	02:52:58		faint.
				F	03:00		Epic: northern Chile (USCGS).
908	12	L	Z	eP	05:56:10		small
				F	06:00		
909	12	L	Z	eP	09:03:45	21° .9	0 = 08 ^h 58 ^m 49 ^s
			E	eS	07:43		
				F	09:15		Epic: 5N, 126E (USCGS).
	12	D	NE	eP	09:03:48		Z-Com. not readable, lines overlapped
			E	eS?	08:17		no clear S-wave.
				F	09:15		
	12	D	NE	eP	09:03:46		faint
				F	09:15		no clear S-wave.
910	12	L	Z	e	09:16:06		faint
				F	09:20		

no.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
December 1955.							
29	L	Z	1P		03:36:24	d	local shock.
		NE	eP		25		
			F		03:50		S-wave not readable.
29	B	NE	eP		03:36:27		
		NE	eS?		36		
			F		03:50		no clear S-impulse
964	29	D	NE	Faint traces between 08 ^h 33 ^m and 08 ^h 55 ^m			
965	29	L	Z	1	18:02:08	d	faint
			F		18:05		
966	30	L	Z	e	04:05:56		small
			F		04:10		
967	30	L	Z	eP	07:02:40	d 20°.	O = 06 ^h 57 ^m 54 ^s
		E	eS		06:29		
			F		07:15		Epic: 1/2 W, 126E (USCGS)
30	D	Z	1P		07:02:55	d	faint
			F		07:10		
968	30	L	Z	1	09:36:42	d	faint
			F		09:40		
969	30	L	Z	1	10:09:01	c	faint
			F		10:14		
970	30	D	ZEN	1P	12:06:30	c/W/S 0°.	O = 12 ^h 06 ^m 13 ^s
		NE	eS		42		Strong shock, felt in Pamaknukan area (northcoast of West-Java).
			F		12:30		Hor. comp. blocked at arrival of S-wave.
							Epic: 6S, 108E (USCGS).
30	B	NE	1P		12:06:25	N/E	strong
		NE	eS?		33		
			F		12:20		EW-comp. blocked at arrival of S-wave.
94	30	L	ZEN	1P	12:06:22	d/E/W	S-wave not readable.
			F		12:23		
94	971	30	L	Z	e	12:24:12	faint
			F		12:28		
94	972	30	L	Z	eP	16:12:15	small
			F		16:16		
95	973	30	L	Z	1P	17:23:31	d 0°.
		E	eS		40		
95			F		17:30		O = 17 ^h 23 ^m 17 ^s

- 17 -

No.	Date.	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks.
December 1955.							
	30	D	NE	eP?	17:23:40		Z-comp. not readable, lines overlapped.
			NE	eS	50		
				F	17:33		
	30	R	N	eP	17:23:33		small
			N	eS?	46		
				F	17:30		
974	30	L	Z	eP	22:27:13		small
			Z	eP	29:12		
				F	22:35		
975	30	L	Z	eP	22:40:36		double shock. small
				F	22:45		
976	31	L	Z	ePKP	05:20:02		very faint. Eric: 18S, 69½W(USCGS).
				F	05:25		
977	31	L	Z	e	07:26:45		faint
				F	07:30		
978	31	L	Z	Faint traces between 09 ^h 43 ^m and 09 ^h 50 ^m .			

---00000---

- 13 -

no.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks.
December 1955.							
923	17	L	Z	e F	05:07:09 05:12		in min. break. faint
924	17	L	Z	Faint traces between 09 ^h 44 ^m and 09 ^h 48 ^m			
925	18	L	Z	iP F	06:36:31 c 06:40		faint Epic: 35W, 134½E(USCGS)
926	18	L	Z	i F	09:01:01 c 09:10		faint
927	18	L	Z	iP F	21:49:28 d 21:55		small local shock
928	19	L	Z	eP eS? F	02:52:30 48 03:00	1°.3	local shock. O = 02 ^h 52 ^m 05 ^s
	19	D	NE	e F	02:52:57 02:55		small
	19	D	NE	eP F	02:52:29 03:00		
929	19	L	Z	eP eS F	03:19:10 c 23:28 04:00	24°.4	
	19	D	Z	eP eP eS eL F	03:19:18 19 23:44 27:49 04:00	25°.5	O = 03 ^h 13 ^m 47 ^s Epic: 8½W, 127E(USCGS).
	19	D	NE	eP e F	03:19:13 23:23 03:40		
930	19	L	Z	i F	08:06:42 d 08:10		long distance shock ?
931	19	L	Z	e F	09:46:48 d 09:50		very faint
932	19	L	Z	Faint traces between 13 ^h 07 ^m and 13 ^h 16 ^m			
933	19	D	E	e e F	14:45:29 46:24 15:00		no clear P/S impulse
	19	D	NE	e e e F	14:45:25 55 46:55 14:55		in min. break. in min. break.

no.	Date	Stat.	Comr.	Phase	G.M.T.	Dir.	Remarks
-----	------	-------	-------	-------	--------	------	---------

December 1955.

	19	L	Z	iP	14:44:42	d	
			E	eS?	46:37		
				F	15:00		
934	19	L	Z	eP	15:35:13		in min break.
				F	15:38		small
935	19	L	Z	eP	21:47:10		in min. break
			E	e	21		
				F	21:50		small
936	20	L	Z	e	12:53:16	d	very faint
			Z	i	54:39		
				F	12:57		
937	20	L	Z	i	14:00:39	d	faint
				F	14:05		
938	21	L	Z	eP	02:22:12		in min. break
				F	02:30		faint
939	21	L	Z	eP	05:30:42		faint
				F	05:35		
940	21	L	Z	Faint traces between 19 ^h 00 ^m and 19 ^h 05 ^m			
941	22	L	Z	iP	01:22:20	c	small local shock.
				F	01:30		
942	22	L	Z	e	08:40:32		faint
				F	08:44		Epic: 40W, 145E (USCGS).
943	22	L	Z	i	10:21:08	d	faint
				F	10:30		
944	22	L	Z	Faint traces between 22 ^h 04 ^m and 22 ^h 10 ^m			
945	24	L	Z	Faint traces between 05 ^h 03 ^m and 05 ^h 10 ^m			
946	24	L	Z	e	06:38:03		faint
			Z	e	43:45		
				F	06:50		
947	24	L	Z	iP	14:12:51	d	small local shock
				F	14:16		
948	24	L	Z	i	15:54:59	d	faint
				F	16:00		
949	24	L	Z	i	18:55:38	d	faint
				F	19:00		
950	24	L	Z	i	22:13:52	d	faint
				F	22:18		
951	25	L	Z	iP	12:46:51	d	small local shock
			E	e	57		
				F	12:50		

- 15 -

no.	Date	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks
December 1955.							
952	25	L	Z	iP F	20:37:30 20:43	d	small
953	26	L	Z	iP F	11:29:56 11:40	d	small no clear S-wave.
	26	D	NE	e F	11:30:14 11:40		Z-com. not readable, lines overlapped.
	26	D		Faint traces at about same time			
954	27	L	Z	iP F	02:39:10 02:50	c	
955	27	D	Z	eP	08:55:11		$43^{\circ}.5$ $0 = 08^h 47^m 16^s$
			E	eP	14		
			N	eS F	09:01:32 09:10		Epic: 14W, 145E (USCGS). h. about 100 km.
	27	L	Z	iP	08:55:00	c	$43^{\circ}.5$
			E	eP	01		
			E	eS F	09:01:21 09:10		
956	27	L	Z	i F	10:01:18 10:10	c	faint
957	27	L	Z	i F	17:32:51 17:37	d	faint
958	27	L	Z	iPKP F	18:50:21 18:55		small dilatation followed by greater compression. Epic: northern Chile (USCGS).
959	28	L	Z	e F	09:53:09 09:58		faint
960	28	L	Z	e F	15:30:19 15:35		faint
961	28	D	ZEN NE	iP eS F	22:21:09 22 22:30	c	$0^{\circ}.8$ local shock. Felt in Pamanukan-area (northcoast of West-Java). $0 = 22^h 20^m 51^s$
	28	D	NE	eP F	22:21:15 22:30		
	28	L	Z	iP F	22:21:02 22:30	d	
962	28	L	Z	eP F	22:41:52 22:46		very small
963	29	D	Z	iP	03:36:33		$0^{\circ}.8$ strong
			NE	eP	35		
			N	eS	46		
			NE	iScS F	51:49 04:00	N/W	Felt in Pamanukan-area (northcoast of West-Java). $0 = 03^h 36^m 15^s$

No. Date Stat. Comp. Phase G.M.T. Dir.  Remarks.

December 1955.

	29	L	Z	1P	03:36:24	d		local shock.
			NE	eP	25			
				F	03:50			S-wave not readable.
	29	B	NE	eP	03:36:27			
			NE	eS?	36			
				F	03:50			no clear S-impulse
964	29	D	NE	Faint traces between 08 ^h 33 ^m and 08 ^h 55 ^m				
965	29	L	Z	i	18:02:08	d		faint
				F	18:05			
966	30	L	Z	e	04:05:56			small
				F	04:10			
967	30	L	Z	eP	07:02:40	d	20°.9	O = 06 ^h 57 ^m 54 ^s
			E	eS	06:29			
				F	07:15			Eric: 1/2N, 126E (USCGS)
	30	D	Z	1P	07:02:55	d		faint
				F	07:10			
968	30	L	Z	i	09:36:42	d		faint
				F	09:40			
969	30	L	Z	i	10:09:01	c		faint
				F	10:14			
970	30	D	ZEN	1P	12:06:30	c/W/S	0°.8	O = 12 ^h 06 ^m 13 ^s
			NE	eS	42			Strong shock, felt in Pama- nukan area (northcoast of West-Java).
				F	12:30			Hor.comp. blocked at arrival of S-wave.
								Eric: 6S, 108E (USCGS).
	30	B	NE	1P	12:06:25	N/E		strong
			NE	eS?	33			
				F	12:20			EW-comp. blocked at arrival of S-wave.
	30	L	ZEN	1P	12:06:22	d/E/N		S-wave not readable.
				F	12:23			
971	30	L	Z	e	12:24:12			faint
				F	12:28			
972	30	L	Z	eP	16:12:15			small
				F	16:16			
973	30	L	Z	1P	17:23:31	d	0°.5	
			E	eS	40			
				F	17:30			O = 17 ^h 23 ^m 17 ^s

- 17 -

No.	Date.	Stat.	Comp.	Phase	G.M.T.	Dir.	Remarks.
December 1955.							
	30	D	NE	eP?	17:23:40		Z-comr. not readable,
			NE	eS	50		lines overlapped.
				F	17:33		
	30	B	N	eP	17:23:33		small
			N	eS?	46		
				F	17:30		
974	30	L	Z	eP	22:27:13		small
			Z	eP	29:12		
				F	22:35		double shock.
975	30	L	Z	eP	22:40:36		small
				F	22:45		
976	31	L	Z	ePKP	05:20:02		very faint.
				F	05:25		Eric: 18S, 69½W(USCGS).
977	31	L	Z	e	07:26:45		faint
				F	07:30		
978	31	L	Z	Faint traces between			
				09 ^h 43 ^m and 09 ^h 50 ^m .			

---00000---