

Department of Communications
Meteorological and Geophysical Service



Seismological bulletin of Djakarta
Period : January, February, March 1951.

Information : Djakarta.
Foundation : River Quarternary
S. Latitude : $6^{\circ}.11'$, E. Longitude : $106^{\circ}.50'$
Height above sealevel : 8 metres
Instruments : Wiechert Horizontal Pendulum,
EW and NS components : 1000 kg.
Wiechert Vertical Pendulum : 1300 kg.
Bosch-Onori Seismograph, EW and NS
components : 25 kg.
Time used : Greenwich Mean Time.

Bandung :
Foundation : Volcanic.
S. Latitude : $6^{\circ}.54'$, E Longitude : $107^{\circ}.37'$
Height above sealevel : 726 metres.
Instruments : Wiechert Horizontal Pendulum
EW and NS components 1000 kg
Time used : Greenwich Mean Time.

Constants Wiechert Seismographs

Djak	NS component					EW component					Z component				
	T	r	E	V	e_0	T	r	E	V	e_0	T	r	E	V	e_0
1951	S					S					S				
Jan	6.9	0.10	3.38	215	1.05	7.5	0.14	2.72	217	1.15	4.3	0.11	2.89	300	1.20
Febr	7.0	0.07	3.50	202	1.06	7.4	0.15	3.13	212	1.19	4.2	0.13	2.60	300	1.16
Mar	7.0	0.07	3.54	202	1.08	7.4	0.17	2.88	211	1.14	4.2	0.12	2.59	300	1.19

Djakarta., 10th January 1952.-

(PROF. DR. J.J.M. REESINK).-
For Acting Director,

Stations : D = Djakarta B = Bandung.								
No.	DATE	STATION	PHASE	TIME			DISTANCE DEGREES	REMARKS.
				h	m	s		
1	JAN 1	D	ePNE	20	26	35	61.1	SZ. not visible
			iPZ	20	26	35		
			eSNE	20	34	53		
		B	ePNE	20	26	32	60.1	
			iSNE	20	34	44		
2	2	D	ePN	15	18	44	2.8	Local shock
			iPEZ	15	18	44		
			iSN	15	19	14		
			eSEZ	15	19	14		
		B	iPNE	15	18	59	3.7	
			iSNE	15	19	41		
3	3	D	ePNEZ	09	53	09	23.7	
			eSNEZ	09	57	19		
		B	ePNE	09	53	11	24	
			iSNE	09	57	24		
4	3	D	ePNEZ	16	22	59	11.9	
			eSNEZ	16	25	13		
		B	eNE	16	24	24		
			LNE	16	29	09		
5	6	D	ePNEZ	05	27	07	56.9	
			eSNEZ	05	42	44		
6	6	D	Traces	08	13	22		
7	8	D	ePNEZ	17	55	13	17.1	
			iSNEZ	17	58	22		
8	8	D	ePNEZ	18	35	30	2.1	Local shock
			eSNEZ	18	35	54		
9	9	D	ePNEZ	08	59	35	27.3	SZ unreadable
			iSNE	09	04	14		
10	14	D	ePNEZ	10	31	05	75.4	
11	15	D	ePNE	04	22	08	59	
			iPNE	04	22	08		
			iSNEZ	04	30	14		
12	15	D	Traces	10	38	17		
13	17	D	e(P)NEZ	19	26	25		Very feeble.
14	18	D	ePNE	21	28	25	84.4	SZ unreadable because of micros.
			iPZ	21	28	25		
			eSNE	21	38	57		
15	19	D	ePNEZ	07	15	42	18.2	
			eSNEZ	07	19	03		
16	21	D	LNE	12	41	14		
17	21	D	ePNEZ	21	37	34	3.2	Nearby shock
			eSNEZ	21	38	10		
18	22	D	ePNE	12	26	45	66	
			iPNE	12	26	45		
			eSNEZ	12	35	32		

No.	DATE	STATION	PHASE	TIME			DISTANCE DEGREES	REMARKS
				h	m	s		
19	Jan 23	D	ePN	04	23	52	1.7	compression from NW.
			iPEZ	04	23	52		Local shock
			iSNEZ	04	24	11		
20	23	D	eNE	07	17	14		
21	24	D	ePNEZ	18	24	45	7.7	
			eSNEZ	18	26	13		
22	25	D	eNE	03	06	10		
23	25	D	iPN	16	41	10	27.6	Z.component strongly interfered
			ePE	16	41	10		
			iSNE	16	45	52		
24	26	D	ePNEZ	03	30	00	21	
			eSNEZ	03	33	46		
		B	ePNE	03	29	39	19.1	
			eSNE	03	33	09		
25	29	D	eNEZ	04	27	37		
		B		--				Records damaged.

Notice : From January 6th till January 26th, readings from
 Bandung seismograms could not be corrected for time.

No.	DATE	STATION	PHASE	TIME	DISTANCE DEGREES	REMARKS
26	FEBR 7	D		---		Readings lost in strong micros
		B	eNE	00 15 53		
			eNE	00 17 41		
27	8	D				no readings
		B	LNE	06 22 42		
28	9	D	ePNEZ	15 25 33	2.2	nearby shock
			eSNEZ	15 26 18		
		B		---		no time corrections
30	13	D	ePNEZ	00 48 49	17.4	
			eSNEZ	00 52 01		
		B	ePNE	00 48 57		
			eSNE	00 52 15		
31	13	D	ePN	12 07 26	73.1	
			iPEZ	12 07 26		
			iSNEZ	12 16 55		
		B	iPNE	12 07 10	70.9	
			eSNE	12 16 25		
32	13	D	ePNEZ	22 26 40	99.8	
			eSNEZ	22 38 22		
		B	eSNE	22 38 25		
33	14	D	ePNEZ	21 16 33	17.7	
			eSNEZ	21 19 46		
		B	ePNE	21 16 20	16.5	
			eSNE	21 19 23		
34	17	D	ePNE	14 12 58	3.6	
			iPZ	14 12 58		
			eSNEZ	14 13 30		
		B	ePNE	14 13 10	3.9	
			eSNE	14 13 55		
35	17	D	iPNEZ	21 14 18	36.9	
			iSNEZ	21 20 02		
		B		---		no time correction
36	20	D	eNE	10 18 02		
		B	(e)NE	10 17 09		
37	22	D	eNE	01 54 02		
		B	eNE	01 54 02		
38	24	D	ePNEZ	16 06 54	5.9	
			eSNEZ	16 08 01		
		B	ePNE	16 06 38	4.5	
			eSNE	16 07 29		
39	27	D	ePNEZ	02 32 32	13.3	
				02 35 00		
		B	ePNE	02 32 05	11.5	
			eSNE	02 34 14		

No.	DATE	STATION	PHASE	TIME		DISTANCE DEGREES	REMARKS		
				h	m	s			
40	MAR 5	D	iPNEZ	20	19	14	39	Compr. from NW.	
			iSNEZ	20	25	11			
		B	iPNE	20	19	16			39
			iSNE	20	25	13			
41	8	D	ePNEZ	15	20	44	47.6		
			eSNEZ	15	27	38			
		B	ePNE	15	20	39	47.1		
			eSNE	15	27	30			
42	9	D	ePNE	05	08	58	1.8	Local shock	
			iPZ	05	08	58			
			eSNEZ	05	09	18			
		B	ePNE	05	09	15	3.		
			eSNE	05	09	49			
43	9	D	ePNE	05	16	29	1.3		
			iPZ	05	16	29			
			eSNEZ	05	16	44			
		B	ePNE	05	16	57	2.9		
			eSNE	05	17	30			
44	9	D	ePNE	19	48	22	18	Compr. from E.	
			iPZ	19	48	22			
			iSNEZ	19	51	41			
		B	iPNE	19	48	15	17.1		
			iSNE	19	51	24			
45	10	D	ePNEZ	22	07	25	58.3		
			iSNEZ	22	15	27			
		B	ePNE	22	07	22	58.		
			iSNE	22	15	22			
46	12	D	ePNE	14	59	17	38		
			iPZ	14	59	17			
			eSNEZ	15	05	08			
		B	ePNE	14	59	14	36.6		
			eSNE	15	04	56			
47	13	D		----			1.9	No traces.	
		B	ePNE	07	53	26			
			eSNE	07	53	47			
48	16	D	Traces	14	18	54			
		B	Traces	14	18	11			
49	16	D	Traces	15	41	54			
		B	Traces	15	41	11			
50	17	D	ePNE	04	34	53	38.1		
			iPZ	04	34	53			
			iSNE	04	40	45			
		B	eSNE	04	41	09	SZ. unreadable.		

SZ. unreadable.

No.	DATE	STATION	PHASE	TIME			DISTANCE DEGREES	REMARKS.
				h	m	s		
51	Mar. 17	D	ePNEZ	15	52	22	21.9	
			iSNEZ	15	56	16		
		B	ePNE	15	52	21	21.4	
			iSNE	15	56	11		
52	17	D	Traces	23	32	54		
		B	Traces	23	19	03		
53	18	D	iPNEZ	09	23	48	27.4	Dilatation from NE.
			iSNEZ	09	28	27		
		B	ePNE	09	23	49	27.6	
			eSNE	09	28	31		
54	21	D	ePNE	17	43	14	3.3	
			iPZ	17	43	14		
			iSNEZ	17	43	52		
		B	ePNE	17	43	32	5.0	
			iSNE	17	44	29		
55	23	D	ePNEZ	21	49	58	68.1	
			iSNEZ	21	58	53		
		B	ePNE	21	49	52	67.7	
			iSNE	21	58	49		
56	24	D	ePNEZ	00	27	12	57.1	
			iSNE	00	35	16		
			eSZ	00	35	16		
		B	ePNE	00	27	19	56.5	
			eSNE	00	35	09		
57	25	D	eNE	18	33	52		
		B		-				No traces
58	28	D	(i)SNE	02	15	36		
		B		-				No traces
59	28	D	Traces	20	18	51		
		B		-				No traces

M.-

Notice : Stations : D = DJAKARTA, B = BANDUNG.

No.	DATE	STATION	PHASE	TIME h m s	DISTANCE DEGREES	REMARKS
60	APRIL 2	D	ePNE	22 17 31	41.1	
			iSNE	22 23 46		
		B	ePNE	22 17 26	40.3	
			iSNE	22 23 32		
61	3	D		---		No traces
		B	ePNE	00 17 59	1.9	Local shock
			eSNE	00 18 20		
62	3	D	ePNEZ	05 12 56	1.9	Local shocks.
			eSNEZ	05 13 17		
		B	EPNE	05 12 59	1.6	
			eSNE	05 13 17		
63	8	D	ePNE	10 00 34	2.7	
			eSNE	10 11 04		
		B		---		No traces.
64	12	D	ePNEZ	11 10 42	18.8	
			iSNEZ	11 14 09		
		B	ePNE	11 10 35	17.9	
			iSNE	11 14 43		
65	13	D	ePNE	10 17 45	13.8	
			iSNEZ	10 20 18		
		B	ePNE	10 17 33	13.1	
			eSNE	10 19 59		
66	14	D	ePNE	01 04 48	19.1	
			iPZ	01 04 48		
		B	iSNEZ	01 08 18		Readings lost.
67	14	D	eSNE	13 53 33		
			MNE	14 13 48		
		B		---		No time correction.
68	14	D	ePNEZ	23 47 48	36.3	
			eSNEZ	23 53 28		
		B		---		No time correction.
69	16	D	ePNE	20 00 45	42.1	
			iPZ	20 00 45		
			iSNE	20 07 03		
		B		---		No traces.
70	18	D	ePNE	04 28 20	2.3	
			eSNE	04 28 45		
		B	ePNE	04 28 25	3.6	
			eSNE	04 28 54		
71	22	D	eSNE	03 51 40		
		B	TRACES	03 46 23		

No.	DATE	STATION	PHASE	TIME			DISTANCE DEGREES	REMARKS	
				h	m	s			
72	APRIL 22	D	ePNE	06	04	46	25.4		
			iSNE	06	09	10			
		B	eSNE	05	07	28			
73	23	D	iPNEZ	07	01	30	70.3	Compression from E	
			eSNEZ	07	10	42			
		B	iSE	07	01	42	69.9		
			ePNE	07	10	32			
			eSNE	07	10	41			
74	23	D	ePNE	12	02	01	20.9		
			iPZ	12	02	01			
			iSNEZ	12	05	45			
		B	ePN	12	02	03	20.9		
			iPE	12	02	03			
			iSNE	12	05	48			
75	29	D	ePNE	19	39	05	17.6		
			iSNE	19	42	19			
		B	ePNE	19	39	32	19.9		
			eSNE	19	43	08			
76	30	D	ePNE	15	36	34	47.7		
			iPZ	15	36	34			
			iSNE	15	43	29			
		B	ePNE	15	36	29	47.1		
			iSNE	15	43	20			

77	MAY 1	D	ePNEZ	05	12	22	57.1		
			iSNEZ	05	20	16			
		B	ePNE	05	12	21	56.1		
			iSNE	05	20	09			
78	2	D	ePNEZ	16	25	01	43.3		
			iSNEZ	16	31	27			
		B	ePNE	16	24	56	43.4		
			iSNE	16	31	23			
79	8	D	ePNEZ	23	41	57	2.9		
			eSNEZ	23	42	30			
		B	iPNE	23	41	49	2.		
			eSNE	23	42	11			
80	9	D	Traces	11	08	42			
		B	Traces	11	09	11			
81	10	D	ePNE	09	29	59	72.9		
			iPZ	09	29	59			
			eSNEZ	09	39	26			
		B	eSNE	09	39	26			
82	14	D							
		B	iPNE	10	46	50	1.3	Seismographs in disorder Local shock	
			iSNE	10	47	05			

NO	DATE	STATION	PHASE	TIME	DISTANCE DEGREES	REMARKS
				h m s		
83	MAY 16	D	ePNE	14 10 24	19.5	
			eSNE	14 13 57		
		B	ePNE	14 10 50		Feeble
			LNE	14 16 11		
84	17	D	ePNEZ	19 13 54	2	
			eSNEZ	19 14 16		
		B	-----			No traces.
85	20	D	ePNEZ	07 12 34	18.8	
			eSNEZ	07 15 59		
		B	ePNE	07 12 26	18.5	
			eSNE	07 15 50		
86	20	D	-----			No traces.
		B	ePNE	14 28 26		Local shock.
87	20	D	-----			No traces.
		B	eSNE	19 08 44		
88	21	D	ePNEZ	08 35 45	45.7	
			iSNE	08 42 26		
			eSZ	08 42 26		
		B	iPNE	08 35 43	45.3	
			iSNE	08 42 22		
89	23	D	-----			No traces
		B	LNE	06 56 56		
90	27	D	eNE	11 21 10		
		B	-----			No traces
91	28	D	ePNEZ	01 25 15	1.9	Local shock.
			eSNEZ	01 25 36		
		B	-----			No traces.
92	29	D	ePNE	06 09 36	32.9	
			iSNE	06 14 54		
		B	-----			No traces.
93	30	D	ePNEZ	20 01 36	20.2	
			iSNEZ	20 05 15		
		B	iPNE	20 01 32	19.5	
			iSNE	20 05 05		
94	31	D	ePNE	01 55 21	5.8	
			eSNE	01 56 27		
		B	ePNE	01 55 29	6.8	
			eSNE	01 56 47		
95	31	D	iPNEZ	21 02 48	30.6	Compr. from NE.
			iSNEZ	21 07 51		Deep focus.
		B	iPNE	21 01 50	28.4	
			iSNE	21 06 38		

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NO.	DATE	STATION	PHASE	TIME	DISTANCE DEGREES	REMARKS	
				h m s			
96	JUNE 2	D	ePNE	06 51 44	17.9		
			iPZ	06 51 44			
			iSNEZ	06 55 02			
		B	ePNE	06 51 44	17.9		
			iSNE	06 55 02			
97	5	D	ePEZ	15 24 10	6.1		
			eSEZ	15 25 19			
		B	ePNE	15 23 50	5		
			eSNE	15 24 47			
98	5	D	iPEZ	17 13 07	1.6	Local shock.	
			eSEZ	17 13 25			
		B	eNE	17 05 41			
99	7	D		----		Seismographs in disorder	
		B	eNE	23 11 26			
100	8	D		----		No traces.	
		B	ePNE	02 32 17			
101	16	D	ePNEZ	21 09 21	1.4	Local shock.	
			iSNEZ	21 09 37			
		B	ePNE	21 09 20	0.8		
			iSNE	21 09 29			
102	20	D	ePNEZ	22 46 03	24.1		
			eSNEZ	22 50 17			
		B	ePNE	22 46 02	24.6		
			eSNE	22 50 20			
103	20	D	ePNEZ	23 47 30	34.8		
			eSNEZ	23 53 00			
		B	ePNE	23 47 35	37.5		
			eSNE	23 53 23			
104	21	D	ePNEZ	10 23 54	3.1		
			eSNEZ	10 24 30			
		B	ePNE	10 23 56	4.2		
			eSNE	10 24 44			
105	24	D		----		No traces. Weak.	
		B	ePNE	16 58 20	53.7		
			eSNE	17 05 44			
106	25	D	PNE	15 41 29			
		B	eNE	15 54 53			
107	26	D	ePNEZ	03 44 45	10.9		
			eSNZ	03 46 47			
			iSE	03 46 47			
		B	ePNE	03 44 38	10.2		
			iSNE	03 46 32			

Ministry of Communications
Meteorological and Geophysical Service.

Seismological Bulletin.

Period: July, August, September 1951



Informations: Djakarta : Longitude $106^{\circ} 50' E$ Latitude $6^{\circ} 11' S$
Alt = 8 m.

Foundation: River Quaternary.

Seismographs: Wiechert NS and EW components 1000 kg.
Wiechert Z. component 1300 kg.
Bosch-Omori NS and EW components 25 kg.

Time Used : G.M.T.

Bandung : Longitude $107^{\circ} 39' E$, Latitude $6^{\circ} 54' S$
Alt = 726 m.

Foundation: Volcanic.

Seismographs: Wiechert NS and EW components 1000 kg.
Time Used : G.M.T.

Constants Wiechert Seismographs

Djak.	NS component						EW component.				
	T	r	E	V	e_o		T	r	E	V	e_o
1951											
July	7.0	0.11	2.28	211	1.08		7.0	0.15	2.29	218	1.15
Aug.	7.3	0.15	2.33	216	1.17		8.3	0.28	1.84	227	1.16
Sept.	8.5	0.16	2.51	215	1.17		8.7	0.29	1.92	225	1.26
Z. Component.											
	T	r	E	V	e_o						
July	4.0	0.16	2.40	300	1.13						
Aug.	4.0	0.10	2.35	300	1.15						
Sept.	4.1	0.07	2.41	300	1.15						

Djakarta, 23 February 1952

(Prof. Dr. J. J. M. Reesinck) .-

Acting Director.

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NO.	DATE	STATION	PHASE & COMP.		TIME	DISTANCE IN DEGREES	REMARKS
					h m s		
127	Aug. 4	D	iP	N	13 06 59	2.6	
			eP	EZ	13 06 59		
			eS	NEZ	13 07 28		
		B	eP	NE	13 06 47	2.9	
			eS	NE	13 07 20		
128	6	D	iPP	E	15 20 33		
129	8	D	Traces		14 19 45		
130	13	D	eP	N	18 45 55	81.8	
			iP	EZ	18 45 55		
			iS	NE	18 56 12		
			eS	Z	18 56 12		
			eSKS	N	18 58 07		
			iSS	N	19 03 13		
			eL	NEZ	19 09 13		
		B	eP	NE	18 45 56	81.9	
			eS	NE	18 56 14		
			eRS	NE	18 58 47		
			L	NE	19 07 47		
131	13	D	iP	NEZ	21 45 31	1.7	
			iS	NEZ	21 45 50		
		B	eP	NE	21 45 32	2.1	
			eS	NE	21 45 56		
132	14	D	eP	NEZ	01 02 43	2.6	
			eS	NEZ	01 03 12		
133	14	D	iP	NEZ	02 07 01	2.5	Compr. from SE
			iS	NEZ	02 07 28		
		B	eP	NE	02 07 03		
			eS	NE	02 07 33		
134	14	D	iP	NEZ	12 51 55	3.8	Dil from SE
			eS	NEZ	12 52 37		
		B	eP	NE	12 51 39	2.2	
			eS	NE	12 52 03		
135	18	B	eP	NE	03 42 39	18.8	
			eS	NE	03 46 06		

NOTE : Stations D = Djakarta B = Bandung

NO.	DATE	STATION	PHASE & COMP		TIME	DISTANCE IN DEGREES	REMARKS
108	July 2	D	eP	NE	h m s 05 11 11	22.7	Compr. from NE
			iP	Z	05 11 11		
			iS	NEZ	05 15 12		
		B	iP	NE	05 11 03	22.6	
			iS	NE	05 15 03		
109	3	D	eP	NE	07 45 09	3	
			iP	Z	07 45 09		
			eS	NEZ	07 45 43		
110	3	D	eP	NEZ	08 51 53	12.3	
			iS	NEZ	08 54 11		
111	8	D	eP	NEZ	05 49 19	22.7	
			iS	NEZ	05 53 21		
112	11	D	eP	NE	18 29 40	40.	
			iP	Z	18 29 40		
			eS	NEZ	18 35 49		
113	13	D	P	NE	20 02 50		
			eS	NE	20 09 50		
			ePP	NE	20 04 35		
114	16	D	eP	NEZ	10 47 42	38.7	
			iS	NEZ	10 53 47		
			iPP	NE	10 49 10		
			iSS	NE	10 56 01		
		B	iP	NE	10 47 32	37.	
			iS	NE	10 53 17		
115	17	D	eP	NE	14 58 40	58.9	Probably deep focus.
			iP	Z	14 58 40		
			eS	NEZ	15 06 45		
		B	eP	NE	14 58 35	57.	
			eS	NE	15 06 28		
116	18	D	eP	E	09 25 30		
			iPP	Z	09 27 53		
			iPKS	NE	09 29 03		
			eSKKS	E	09 36 53		
			iSS	N	09 45 49		
			M	N	10 11 51		

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NO.	DATE	STATION	PHASE & COMP.		TIME	DISTANCE	REMARKS
						IN DEGREES	
117	July 19	D	eP	NE	h m s 17 13 05	2.8	Dil from south.
			iP	Z	17 13 05		
			eS	N	17 13 36		
		B	iP	NE	17 13 01		
118	21	D	i	NE	01 39 34		
			L	NE	01 50 20		
		B	i	E	01 34 33		
			i	E	01 40 51		
119	27	B	eP	NE	00 07 00	17.1	
			iS	NE	00 10 09		
120	28	D	eP	NEZ	12 35 16	2.1	
			eS	NEZ	12 35 39		
		B	iP	NE	12 35 24	2.4	
			eS	NE	12 35 51		
121	29	D	eP	Z	23 37 45	23.9	
			iS	Z	23 41 57		
		B	eP	NE	23 37 37	23.6	
			iPP	E	23 38 02		
			iS	NE	23 41 46		
122	30	B	eP	NE	04 20 47	19.1	
			iS	NE	04 24 17		
123	31	D	eP	NEZ	08 32 47	3.4	
			eS	NE	08 33 26		
124		D	iP	NEZ	13 30 07	7	
			eS	NEZ	13 31 27		
125	Aug. 2	D	eP	N	03 48 23	42.5	Deep focus
			iP	EZ	03 48 23		
			ipP	Z	03 49 34		
			eS	NEZ	03 54 43		
		B	iP	NE	03 48 14	42.1	
			iS	NE	03 54 32		
126	3	D	eP	NEZ	03 30 53	6.3	compression.
			epP	Z	03 31 01		
			iS	NEZ	03 32 04		

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NO.	DATE	STATION	PHASE &	COMP.	TIME	DISTANCE IN DEGREES	REMARKS
					h m s		
127	Aug. 4	D	iP	N	13 06 59	2.6	
			eP	EZ	13 06 59		
			eS	NEZ	13 07 28		
		B	eP	NE	13 06 47	2.9	
			eS	NE	13 07 20		
128	6	D	iPP	E	15 20 33		
129	8	D	Traces		14 19 45		
130	13	D	eP	N	18 45 55	81.8	
			iP	EZ	18 45 55		
			iS	NE	18 56 12		
			eS	Z	18 56 12		
			eSKS	N	18 58 07		
			iSS	N	19 03 13		
			eL	NEZ	19 09 13		
		B	eP	NE	18 45 56	81.9	
			eS	NE	18 56 14		
			eRS	NE	18 58 47		
			L	NE	19 07 47		
131	13	D	iP	NEZ	21 45 31	1.7	
			iS	NEZ	21 45 50		
		B	eP	NE	21 45 32	2.1	
			eS	NE	21 45 56		
132	14	D	eP	NEZ	01 02 43	2.6	
			eS	NEZ	01 03 12		
133	14	D	iP	NEZ	02 07 01	2.5	Compr. from SE
			iS	NEZ	02 07 28		
		B	eP	NE	02 07 03		
			eS	NE	02 07 33		
134	14	D	iP	NEZ	12 51 55	3.8	Dil from SE
			eS	NEZ	12 52 37		
		B	eP	NE	12 51 39	2.2	
			eS	NE	12 52 03		
135	18	B	eP	NE	03 42 39	18.8	
			eS	NE	03 46 06		

NO.	DATE	STATION	PHASE & COMP.		TIME	DISTANCE IN DEGREES	REMARKS
136	Aug. 21	D	ePP	E	h m s 11 14 30		
			eSKS	E	11 21 09		
			eS	NE	11 22 09		
		B	ePP	NE	11 14 28		
			eSKS	NE	11 21 12		
			ePS	NE	11 23 24		
137	27	D	iP	Z	13 00 55	7	
			iS	Z	13 02 15		
138	28	D	i	N	03 19 29		
139	28	D	eP	NEZ	09 22 53	8.4	
			eS	NEZ	09 24 43		
140	28	D	e(?)P	Z	16 11 38		Probably deep focus.
			iS	NE	16 50 02		
141	Sept. 13	D	eP	NEZ	16 30 22	17.7	
			iPP	EZ	16 30 32		
			eS	NEZ	16 33 37		
		B	eP	NE	16 30 07		
142	13	D	eP	Z	00 16 25	2.9	
			eS	Z	00 16 58		
		B	eP	NE	00 16 37	3.7	
			iS	NE	00 17 19		
143	17	D	eS	NE	12 19 43	78	
		B	eP	NE	12 09 45		
			eS	NE	12 19 42		
144	17	D	iP	NEZ	20 49 16	5.2	Deep focus Dil from NW.
			iS	NEZ	20 50 15		
		B	eP	NE	20 49 33	6.3	
			iS	NE	20 50 45		
145	18	D	eP	NEZ	02 39 34	3.4	
			iS	NEZ	02 40 13		
		B	eP	NE	02 39 26	4.4	
			eS	NE	02 40 17		
146	18	D	e	NE	18 42 13		
		B	e	NE	18 53 41		
147	19	D	eP	NEZ	07 03 48	5.0	
			iS	NEZ	07 04 45		
		B	eP	NE	07 04 06	6.1	
			iS	NE	07 04 16		

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NO.	DATE	STATION	PHASE & COMP.	TIME	DISTANCE IN DEGREES		REMARKS
					h	m s	
148	Sept. 21	D	eP	NEZ	09	14 40	19.8
			eS	NEZ	09	18 15	
		B	eP	NE	09	14 36	19.1
			eS	NE	09	18 06	
149	28	D	eP	NEZ	03	34 48	14.3
			eS	NEZ	03	37 27	
		B	eP	NE	03	34 50	14.
			eS	NE	03	37 26	
150	29	D	L	NEZ	00	08 12	
		B	eP	NE	23	40 14	73.3
			eS	NE	23	49 44	
151	29	D	1P	NEZ	12	23 02	17.2
			eS	NEZ	12	26 12	Compr from E.

Ministry of Communications
Meteorological and Geophysical Service

Seismological Bulletin.
Period: October, November, December 1951.



Informations :

Djakarta

Long 106°50' E Lat. 06°11' S Alt. = 8 m

Foundation : River Quaternary

Seismographs: Wiechert NS and EW comp. 1000 kg
Wiechert Z comp. 1300 kg
Bosch-Omorì NS and EW comp. 25 kg

Time used : G. M. T.

Bandung:

Long: 107°39' E. Lat. 06°54' S. Alt. 726 m

Foundation : Volcanic.

Seismographs: Wiechert NS and EW comp. 1000 kg

Time used : G. M. T.

Constants Wiechert Seismographs.

Djak.		N S component					EW component				
1951	T	r	E	V	eo	T	r	E	V	eo	
Oct.	9.1	0.11	2.57	226	1.23	9.0	0.20	2.14	218	121	
Nov	9.1	0.16	2.65	219	1.27	8.6	0.20	2.20	230	125	
Dec	9.1	0.17	3.04	223	1.21	8.6	0.19	2.42	225	120	

		Z component				
	T	r	e	v	eo	
Oct.	4.0	0.08	2.25	300	1.14	
Nov	4.0	0.08	2.23	300	1.13	
Dec	4.0	0.07	2.32	300	1.13	

Djakarta., 12 April 1952.-

J. J. M. Reesinck

(J. J. M. REESINCK)
Acting Director.-

Note : D = Diakarta. B = Bandung.

No.	Date	Stations	Phase & Comp	Time			Distance in Degrees	Remarks
152	Oct. 2	D	Traces	05 ^h	17 ^m	22 ^s		
		B	Traces	05	18	30		
153	9	D	i P Z	04	49	32	4.3	Dilatation
			i S Z	04	50	21		Prob. deep focus
		B	i PNE	04	49	17		
154	11	D	e PNE	01	45	47	46	
			i P Z	01	45	47		
			eSNEZ	01	52	00		
		B	ePNE	01	45	35	44.7	
			eSNE	01	52	10		
155	14	D	iPNEZ	09	30	14	1.5	Dil. from SW
			iSEZ	09	30	31		
		B	iPNE	09	30	02		at S. phase pen thrown off
156	15	D						No traces
		B	ePNE	21	10	25	47.6	
			eSNE	21	17	19		
157	18	D	ePNE	08	36	03	56.5	Compression
			i P Z	08	36	03		
			eSNZ	08	43	53		
			i S E	08	43	53		
		B	ePNE	08	36	05	57.1	
			eSNE	08	43	59		
158	18	D	ePNEZ	20	38	30	1.9	
			iSNEZ	20	38	51		
		B	ePNE	20	38	32	1.9	
			eSNE	20	38	53		
159	18	D						No traces
		B	ePNE	21	04	17	1	
			eSNE	21	04	29		
160	21	D	ePNEZ	21	40	52	32.4	
			iSNEZ	21	46	07		
		B	ePNE	21	40	58	33.9	
			iSNE	21	46	23		
161	21	D	e P Z	23	02	04		
		B	ePNE	23	02	02		
162	22	D	ePNE	03	36	07	34.1	
			iSNE	03	41	34		
			ePPNE	03	37	13		
		B	ePNE	03	36	03	33.3	
			iSNE	03	41	24		
163	22	D	ePNE	04	34	47		After schock of
			i P Z	04	34	47		No. 162
			iSNZ	04	40	10		Dil from NNE
			e S E	04	40	10		
		B	ePNE	04	34	45		
			iSNE	04	40	03		
164	22	D	ePNE	05	49	43		Aftershock of
			i P Z	05	49	43		No. 162
			iSNEZ	05	55	09		
		B	ePNE	05	49	45		
			iSNE	05	55	03		
165	22	D	ePNE	15	36	31		Aftershock of
			iP Z	15	36	31		No. 162
			eSNEZ	15	41	55		
		B	ePNE	15	36	33		
			iSNE	15	41	54		

No.	Date	Station	Phase & Comp	Time			Distance Degrees	Remarks
				h	m	s		
166	Oct 23	D	ePNE	01	26	15		Aftershock of No. 162 Compression
			i P Z	01	26	15		
			iSNEZ	01	31	34		
		B	ePNE	01	26	18		
			iSNE	01	31	38		
167	23	D	ePNEZ	09	01	52		Aftershock of No. 162
			eSNEZ	09	07	13		
		B	ePNE	09	01	54		
			eSNE	09	07	18		
168	24	D	ePNEZ	03	45	46		Aftershock of No. 162
			eSNEZ	03	51	13		
		B	ePNE	03	45	39		
			eSNE	03	51	01		
169	25	D		-				Traces last in micros Aftershock of No. 162
		B	ePNE	12	26	26		
			eSNE	12	31	53		
170	26	D	Traces	05	44	39		No traces
		B		-				
171	28	D	Traces	06	58	21		
		B	Traces	06	58	15		
172	31	B	ePNE	06	59	05	12	
			eSNE	07	01	20		
173	31	B	ePNE	08	05	59	12.3	
			eSNE	08	08	17		
174	31	B	ePNE	10	25	08	12.3	
			eSNE	10	27	26		
175	Nov 6	D	eSNE	15	11	55		
			M N E	15	16	25		
176	6	D	ePNEZ	16	51	01	67.7	
			iSNEZ	16	59	58		
177	6	D	ePNE	19	01	25	67.7	
			i P Z	19	10	22		
178	8	D	ePNEZ	05	15	35	4.3	
			eSNEZ	05	16	24		
179	9	D	iPNEZ	05	50	32	2.2	Compr. from E
			iSNEZ	05	50	56		
180	9	D	ePNEZ	05	57	59		Aftershock of No. 179
			iSNEZ	05	58	20		
181	12	D	ePNEZ	03	15	14	1.5	
			iSNEZ	03	15	31		
182	12	D	ePNE	08	20	30	67.8	Dilatation
			i P Z	08	29	28		
183	12	D	ePNE	09	24	46	67.8	
			i P Z	09	24	46		
			e S N	09	33	44		
			i S E	09	33	44		
184	12	D	ePNE	22	21	28	1.8	Compression from E
			i P Z	22	21	28		
			iSNEZ	22	21	48		
185	15	D	ePNEZ	19	53	42	73.5	
			eSNEZ	20	03	13		
186	17	D	ePNEZ	04	53	27	39.4	
			eSNEZ	04	59	27		
187	17	D	ePNEZ	17	58	45	19.9	
			eSNEZ	18	02	21		
188	18	D	ePNEZ	09	34	05	39.9	
			eSNEZ	09	40	08		

No.	Date	Station	Phase & Comp	Time			Distance in Degrees	Remarks
				h	m	s		
189	Nov. 18	D	ePNEZ	09	43	23	40.7	
			iSNEZ	09	49	32		
			iPPNEZ	09	46	20		
			iPePNE	09	46	56		
			iSSNE	09	53	28		
			iSeSNE	09	55	02		
190	21	D	pNEZ	07	57	13		
191	22	D	Traces NEZ	02	11	15		
192	24	D	ePNEZ	18	53	48		Foreshock of No.193
193	24	D	iSNEZ	19	02	09		Traces of No.192 and 193 are run- ning into each other and have nearl same amplitude
194	26	D	ePNE	06	45	00	32.4	
			i P Z	06	45	00		
			eSNEZ	06	50	15		
			i i P Z	06	46	12		
195	26	D	PNEZ	15	46	21		
196	29	D	ePNEZ	04	49	26	15.8	
			iSNE	04	52	21		
			i S Z	04	52	21		
197	29	D	PNEZ	08	33	24		
198	29	D	iPNEZ	13	53	48	6.6	Compr.from NW
			iSNEZ	13	55	03		
199	29	D	PNEZ	14	33	18		
			e S N	14	34	42		
200	Dec.8	D	iPNEZ	04	23	38	53.7	Compr from SW
			iSNEZ	04	31	11		
201	11	D	ePNE	04	29	14	4.8	
			i P Z	04	29	14		
			eSNEZ	04	30	02		
202	11	D	ePNEZ	17	15	40	1.7	Prob.deep focus
			eSNEZ	17	15	59		
203	12	D	ePNEZ	01	56	19		
204	13	D	ePNEZ	16	32	52		Local shock
205	14	D	ePNE	02	10	41	7.2	Dilatation
			iPZ	02	10	41		Prob.deep focus
			iSNE	02	12	03		
			e S Z	02	12	03		
206	18	D	ePNE	13	35	47	1.9	
			iSNE	13	36	08		
207	18	D	ePNE	12	43	32	9.3	
			eSNE	12	44	47		
208	18	D	ePNE	14	20	47	77.0	
			eSNE	14	30	38		
209	20	D	c P N	15	21	36	1.8	Dilatation from W
			iPEZ	15	21	36		
			iSNEZ	15	21	59		
210	21	D	ePNE	08	44	08	33.7	
			i P Z	08	44	08		
			eSNEZ	08	49	32		
211	23	D	ePNEZ	06	39	40		
			eS(?)NEZ	06	42	52		
212	23	D	iPNEZ	20	41	16	1.4	Dilatation from ENE
			iSNEZ	20	41	35		
213	23	D	ePNEZ	21	05	35	1.1	Prob. aftershock of No. 212
			eSNEZ	21	05	58		

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No.	Date	Station	Phase & Comp	Time			Distance in Degrees	Remarks
				h	m	s		
214	Dec. 23	D	ePNEZ	22	14	31	14.6	
			eSNEZ	22	17	13		
215	24	D	eNEZ	10	01	53		
216	26	D	LNEZ	10	28	55		
217	26	D	LNEZ	16	56	25		
218	27	D	i P Z	03	17	57		
			ePNE	03	17	57		
219	27	D	TracesNE	19	43	57		
220	28	D	eP ¹ NEZ	09	40	14		
			iP ¹ Z	09	40	35		
			iP ₂ Z	09	44	03		
221	29	D	ePNE	22	10	15		Dilatation
			i P Z	22	10	15		
222	30	D	ePNEZ	01	25	05	3.8	
			eSNEZ	01	25	49		
223	30	D	iPKSNE	22	45	54		
			eLNE	23	28	01		

Note: Due to power shortage in the city of Bandung during the months November and December, no radio time signals could be received at the Bandung station in order to correct the time of the seismograms. there-fore readings are delated from this bulletin during these months.

H.-

Department of Communications
Meteorological and Geophysical Service



Seismological bulletin of Djakarta

Period : January, February, March 1951.

Information : Djakarta.

Foundation : River Quarternary

S. Latitude : $6^{\circ}.11'$, E. Longitude : $106^{\circ}.50'$

Height above sealevel : 8 metres

Instruments : Wiechert Horizontal Pendulum,

EW and NS components : 1000 kg.

Wiechert Vertical Pendulum : 1300 kg.

Bosch-Onori Seismograph, EW and NS

components : 25 kg.

Time used : Greenwich Mean Time.

Bandung :

Foundation : Volcanic.

S. Latitude : $6^{\circ}.54'$, E Longitude : $107^{\circ}.37'$

Height above sealevel : 726 metres.

Instruments : Wiechert Horizontal Pendulum

EW and NS components 1000 kg

Time used : Greenwich Mean Time.

Constants Wiechert Seismographs

Djak	NS component					EW component					Z component				
	T	r	E	V	e_0	T	r	E	V	e_0	T	r	E	V	e_0
1951	S					S					S				
Jan	6.9	0.10	3.38	215	1.05	7.5	0.14	2.72	217	1.15	4.3	0.11	2.89	300	1.20
Febr	7.0	0.07	3.50	202	1.06	7.4	0.15	3.13	212	1.19	4.2	0.13	2.60	300	1.16
Mar	7.0	0.07	3.54	202	1.08	7.4	0.17	2.88	211	1.14	4.2	0.12	2.59	300	1.19

Djakarta., 10th January 1952.-

Jac J. M. Reesink

(PROF. DR. J.J.M. REESINK).-

For Acting Director,

Stations : D = Djakarta B = Bandung.								
No.	DATE	STATION	PHASE	TIME			DISTANCE DEGREES	REMARKS.
				h	m	s		
1	JAN 1	D	ePNE	20	26	35	61.1	SZ. not visible
			iPZ	20	26	35		
			eSNE	20	34	53		
		B	ePNE	20	26	32	60.1	
			iSNE	20	34	44		
2	2	D	ePN	15	18	44	2.8	Local shock
			iPEZ	15	18	44		
			iSN	15	19	14		
			eSEZ	15	19	14		
		B	iPNE	15	18	59	3.7	
			iSNE	15	19	41		
3	3	D	ePNEZ	09	53	09	23.7	
			eSNEZ	09	57	19		
		B	ePNE	09	53	11	24	
			iSNE	09	57	24		
4	3	D	ePNEZ	16	22	59	11.9	
			eSNEZ	16	25	13		
		B	eNE	16	24	24		
			LNE	16	29	09		
5	6	D	ePNEZ	05	27	07	56.9	
			eSNEZ	05	42	44		
6	6	D	Traces	08	13	22		
7	8	D	ePNEZ	17	55	13	17.1	
			iSNEZ	17	58	22		
8	8	D	ePNEZ	18	35	30	2.1	Local shock
			eSNEZ	18	35	54		
9	9	D	ePNEZ	08	59	35	27.3	SZ unreadable
			iSNE	09	04	14		
10	14	D	ePNEZ	10	31	05	75.4	
11	15	D	ePNE	04	22	08	59	
			iPNE	04	22	08		
			iSNEZ	04	30	14		
12	15	D	Traces	10	38	17		
13	17	D	e(P)NEZ	19	26	25		Very feeble.
14	18	D	ePNE	21	28	25	84.4	SZ unreadable because of micros.
			iPZ	21	28	25		
			eSNE	21	38	57		
15	19	D	ePNEZ	07	15	42	18.2	
			eSNEZ	07	19	03		
16	21	D	LNE	12	41	14		
17	21	D	ePNEZ	21	37	34	3.2	Nearby shock
			eSNEZ	21	38	10		
18	22	D	ePNE	12	26	45	66	
			iPNE	12	26	45		
			eSNEZ	12	35	32		

No.	DATE	STATION	PHASE	TIME			DISTANCE DEGREES	REMARKS
				h	m	s		
19	Jan 23	D	ePN	04	23	52	1.7	compression from NW.
			iPEZ	04	23	52		Local shock
			iSNEZ	04	24	11		
20	23	D	eNE	07	17	14		
21	24	D	ePNEZ	18	24	45	7.7	
			eSNEZ	18	26	13		
22	25	D	eNE	03	06	10		
23	25	D	iPN	16	41	10	27.6	Z.component strongly interfered
			ePE	16	41	10		
			iSNE	16	45	52		
24	26	D	ePNEZ	03	30	00	21	
			eSNEZ	03	33	46		
		B	ePNE	03	29	39	19.1	
			eSNE	03	33	09		
25	29	D	eNEZ	04	27	37		
		B		--				Records damaged.

Notice : From January 6th till January 26th, readings from
 Bandung seismograms could not be corrected for time.

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NO.	DATE	STATION	PHASE & COMP.		TIME	DISTANCE IN DEGREES	REMARKS
					h m s		
127	Aug. 4	D	iP	N	13 06 59	2.6	
			eP	EZ	13 06 59		
			eS	NEZ	13 07 28		
		B	eP	NE	13 06 47	2.9	
			eS	NE	13 07 20		
128	6	D	iPP	E	15 20 33		
129	8	D	Traces		14 19 45		
130	13	D	eP	N	18 45 55	81.8	
			iP	EZ	18 45 55		
			iS	NE	18 56 12		
			eS	Z	18 56 12		
			eSKS	N	18 58 07		
			iSS	N	19 03 13		
			eL	NEZ	19 09 13		
		B	eP	NE	18 45 56	81.9	
			eS	NE	18 56 14		
			eRS	NE	18 58 47		
			L	NE	19 07 47		
131	13	D	iP	NEZ	21 45 31	1.7	
			iS	NEZ	21 45 50		
		B	eP	NE	21 45 32	2.1	
			eS	NE	21 45 56		
132	14	D	eP	NEZ	01 02 43	2.6	
			eS	NEZ	01 03 12		
133	14	D	iP	NEZ	02 07 01	2.5	Compr. from SE
			iS	NEZ	02 07 28		
		B	eP	NE	02 07 03		
			eS	NE	02 07 33		
134	14	D	iP	NEZ	12 51 55	3.8	Dil from SE
			eS	NEZ	12 52 37		
		B	eP	NE	12 51 39	2.2	
			eS	NE	12 52 03		
135	18	B	eP	NE	03 42 39	18.8	
			eS	NE	03 46 06		