No. 1 1926, January.

Riverview College Observatory

SYDNEY, N.S.W.

1926 - Jan. Dec

SEISMOLOGICAL BULLETIN

ϕ = 33° [illegible] λ = 151° 9′ 30″ E. h = 41·9 m. Foundation: Triassic sandstone.

INSTRUMENTS:

1. Wiechert Astatic Pendulum Seismometer (1000 kilo.) (NS, EW)
2. Wiechert Vertical Seismometer (80 kilo.)
3. Mainka Conical Pendulum Seismometer (450 kilo.) (NS, EW)
4. **Galitzin Aperiodic Seismometer, with galvanometer registration (NS, EW, Vert.)**

		V	T_o	ϵ : 1	$\frac{r}{T_o^2}$
A_N	(1)	161	8.1	5.3	0.02
	(3)	120	8.1	3.0	0.04
A_E	(1)	170	8.0	4.1	0.02
	(3)	149	9.0	3.1	0.04
A_Z	(2)	57	5.4	4.2	0.05

No.	Date.	Phase.	Time. (*Greenwich*) h. m. s.	Per. s.	Amplitude. A_N μ	A_E μ	A_Z μ	Δ km.	Remarks.
	1926								
1	Jan. 1	e(S?)	22 06.4						
		e(L?)	10.8	18					
		ME	13 13	?					
		MN	16 31	?					
		F	22 45						
2	" 4	eP	4 06 24	4		-	3	2470	
		eS	10 10	6		-	1	(22.2°)	
		PS	10 21	6	8		3		
			10 47	6	2½		9		
		eL	11.9	18					
		MN, ME	12.9	14	10		8		
		F	4 50						
3	" 5	eP	7 33 34	?				2730	
		eS	37 40	6		-	1	(24.6°)	
		i(PS?)	37 55	7	+3		+7		
		eL	39.6	20					
		ME	41 16	14			9		
		MN	41 31	12	16				
		F	8 40						
4	" 6	e	23 59.4	8					
	7	eL	0 08.9	?					
		ME	11 14	18			3		
		MN	11 19	18	3				
		F	0 55						
5	" 7	e	19 10.5	?					
		eL?	20.4						
		MN	23 21	15	2				
		ME	24 38	16			2		
		F	20 10						
6	" 13	e	1 33.2						
		e(L?)	56.6	?					
		ME	59 18	16			4		
		MN_1	2 03 07	18	4				
		MN_2	09 11	12	2				
		F	2 35						
7	" 13	e	2 48.3	?					A few long waves.
8	" 18	eP?	21 20.2					5200?	
		eS	27 00	8	2		4		
			27 12	8	3		2		
		e	34.5						
			34 36	20	42		9		
		eL	35.6	64					Note the long period of L.
		MN_1	39 31	19	78				
		ME_1	41 26	15			17		

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RIVERVIEW COLLEGE OBSERVATORY,

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN.

No.	Date.	Phase.	Time (Greenwich) h. m. s.	Per. s.	Amplitude. A_N μ	A_E μ	A_Z μ	Δ km.	Remarks.
	1926								
8	Jan. 18	MN_2	21 42 07	13	50				
continued		ME_2	43 37	11		13			
		MN_3	43 43	11	32				
		MN_4	46 22	11	26				
		ME_3	47 09	12		14			
		MZ	48 53	?					
		CN	53 13	12	7				
		CE	59 47	14		8			
		F	23 15						
9	" 25	iP	0 41 47	4	+11	+6	-2		Dilatation.
			42 18	6			39	2790	Azimuth, computed
		PR_1	42 44	7	52	15	16	(25.1°)	from iP :-
		iS	46 15	11	-165	-69	24		27° (N.27° E.)
		PS	46 33	11	250	340	90		hence, computed
		eL	47.6	20					φ, 11½° S.
		ME_1	48 55	14		530			λ, 163° E.
		MN_1	49 34	16	1200+				
		MZ_1	50 10	13			440		
		ME_2	50 33	13		850			
		MZ_2	51 45	13			580		
		ME_3	51 51	12		840			
		MN_2	51 58	12	810+				
		MN_3	53 38	9	380+				h m s
		MZ_3	53 48	11			550		0, 0 36 11
		ME_4	54 40	11		720			
		MZ_4	54 58	11			480		
		MN_4, MZ_5	56.8	9	350		320		
		ME_5	57 26	12		620			
		MN_5	59 28	11	380				
		ME_6, MZ_6	1 01.0	8		390	200		
		MN_6	01 05	8	190				
		ME_7	03 44	12		390			
		MN_7, ME_8	06.3	10	390	270			
		MN_8	08 12	9	230				
		ME_9	08 55	10		230			
		MN_9	09 28	12	260				
		MZ_7	09 58	10			310		
		ME_{10}	11 36	12		290			
		CZ_1	18 16	12			185		
		CN_1	20 54	10	120				
		CE_1	24 38	12		130			
		CZ_2	25 48	12			70		
		CN_2, CE_2	28.2	10	82	63			
		CN_3	32 04	10	66				
		CE_3	39 07	12		95			
		CN_4	41 05	10	51				
		CE_4	48 53	12		60			
		CN_5	55v36	11	47				
		CE_5	2 07 30	10		20			
	W_2 waves	eW_2	3 36.1	20					
		MN_1	40 34	17	5				
		ME_1	48 09	16		10			
		ME_2	50 52	17		9			
		MN_2	51 34	16	4				
		ME_3	54 36	16		6			
		MN_3	55 47	15	5				
		F	5 20						

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RIVERVIEW COLLEGE OBSERVATORY,

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN.

No.	Date.	Phase.	Time (*Greenwich*) h. m. s.	Per. s.	Amplitude. A_N μ	A_E μ	A_Z μ	Δ km.	Remarks.
	1926								
10	Jan. 25	e(PR_1?)	13 14 57	4	-	1			
		eS	18 20	8	½	¾			
		eL	20.2	18					
		MN_1, ME_1	22.3	13	7	7			
		ME_2	24 17	10		20			
		MN_2	25 18	10	8				
		F	14 15						
11	" 26	iP	7 09 13	8	+10	+12	-2	2470 (22.2°)	Dilatation. Azimuth, computed from iP:- 62° (N. 62° E.) hence, computed ϕ, 22° S. λ, 173° E.
		PR_1	09 39	8	17	24			
		iS	13 08	8	-16	-22	+13		
		PS	13 23	8	40	46	20		
		eL	13.9	24					
		MN_1, ME_1	15.5	16	73	90			
		MZ_1	15 34	17			50		
		ME_2	16 13	14		120			
		MN_2	16 28	14	105				h m s
		MZ_2	17 03	15			28		0, 7 04 09
		MN_3	17 30	12	94				
		ME_3	18 51	13		65			
		MZ_3	19 22	14			16		
		ME_4	21 40	12		55			
		MN_4	24 05	12	43				
		ME_5	24 55	11		40			
		MN_5	26 51	11	40				
		MN_6, ME_6	29.6	12	45	50			
		CN	44 37	11	14				
		CE	49 19	12		12			
		F	9 35						
12	" 29	eP	3 32 39	5	1	2		2420 (21.8°)	
		eS	36 27	?					
		iS	36 31	7	+5	-5			h m s
		PS	36 37	7	3	8			0, 3 27 40
		eL	37.6	26					
		ME_1	39 20	16		36			
		MN_1	39 52	13	29				
		ME_2	44 13	14		18			
		MN_2	44 22	13	13				
		MN_3, ME_3	51.9	12	8	5			
		F	5 10						
13	" 29	eP	6 00 50	?				2430 (21.9°)	
		eS	04 43	?					
		eL	06.3	17					
		ME_1	09 24	12		4			
		MN_1	09 33	12	4				
		MN_2	11 49	10	2				
		ME_2	14 27	12		6			
		ME_3	19 21	10		2			
		MN_3	20 16	11	5				
		F	6 55						

E. F. Pigot S.J.

No. 1926, February.

Riverview College Observatory

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN

ϕ = 33° 49′ 49″ S. λ = 151° 9′ 30″ E. h = 41·9 m. Foundation: Triassic sandstone.

INSTRUMENTS:

1. Wiechert Astatic Pendulum Seismometer (1000 kilo.) (NS, EW)
2. Wiechert Vertical Seismometer (80 kilo.)
3. Mainka Conical Pendulum Seismometer (450 kilo.) (NS, EW)
4. **Galitzin Aperiodic Seismometer, with galvanometer registration (NS, EW, Vert.)**

		V	T_o	ϵ : 1	$\frac{r}{T_o^2}$
A_N	1	157	8.2	5.7	0.02
	3	120	8.1	3.0	0.04
A_E	1	174	8.0	4.3	0.02
	3	149	9.0	3.1	0.04
A_Z	2	57	5.4	4.2	0.04

No.	Date.	Phase.	Time (*Greenwich*) h. m. s.	Per. s.	Amplitude. A_N μ	A_E μ	A_Z μ	Δ km.	Remarks.
	1926								
14	Feb. 3	eP	11 57 08	6	2½	5		2430 (21.9°)	h m s
		PR_1	58 01	6	6	9			0, 11 52 08
		iS	12 01 01	6	-2	-8			
		PS	01 12	6	2	13			
		iSR_1	02 20	8	-11	-11			
		eL	02.5	14					
		MN_1	04 08	13	14				
		MN_2	07 47	11	10				
		ME_1	08 43	11		10			
		ME_2	10 33	12		10			
		MN_3	13 24	10	13				
		MZ	15 34	10			5		
		MN_4	15 42	10	12				
		ME_3	16 25	10		7			
		MN_5	19 20	10	8				
		ME_4	19 46	10		7			
		F	13 30						
	" 7	e(PR_1?)	2 50 44	?					
		iS	53 56	5	+5	-6			
		eL?	56.0	?					
		ME_1	58 55	8		5			
		MN_1	59 03	8	9				
		ME_2	3 00 11	8		7			
		MN_2	05 03	8	6				
		F	4 05						
	" 7	iP	7 54 31	4	+6	+7		2430 (21.9°)	
		iPR_1	55 20	5	5	5			
			55 41	6	11	5			h m s
		iS	58 24	8	-31	-14			0, 7 49 31
		PS	58 34	8	64	26			
		MN_1	8 02 42	14	10				
		ME_1	02 47	14		8			
		ME_2	06 56	10		3			
		MN_2	08 01	9	4				
		F	8 50						

(Continued on next sheet)

RIVERVIEW COLLEGE OBSERVATORY,

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN.

No.	Date.	Phase.	Time (*Greenwich*) h. m. s.	Per. s.	Amplitude. A_N μ	Amplitude. A_E μ	Amplitude. A_Z μ	Δ km.	Remarks.
	1926								
17	Feb. 8	eS	15 43 57	13			5		
		e	48.5	18					
			48 37	18			29		
		eSR_1	55.0	32					
			55 40	32	14		54		
		e	16 09.0	32					
			09 30	32	38				
		eL	13.7	28					
		MN_1	15 29	26	18				
		ME_1	15 54	20			16		
		ME_2	17 00	20			22		
		MN_2	17 45	20	10				
		MN_3	21 38	17	10				
		ME_3	25 33	17			9		
		ME_4	28 02	15			8		
		MN_4	31 43	18	6				
		ME_5	34 18	16			10		
	W_2 waves	eW_2	17 14.9	38					
		ME_1	16 17	32			36		
		ME_2	22 50	28			20		
		ME_3	24 54	22			20		
		MN_1	26 49	20	10				
		MN_2	36 10	20	8				
		ME_4	36 16	18			8		
		F	19 15						
18	" 13	e(P?)	9 14 48					2740?	
		eS	19 03	7	1		2		
		eL	20.3	?					
		MN_1 ME_1	23.0	11	18		4		
		ME_2	25 05	13			18		
		MN_2	25 29	12	23				
		ME_3	26 32	13			14		
		MN_3	28 03	11	20				
		MN_4 ME_4	30.6	11	20		12		
		MN_5	34 16	11	17				
		ME_5	34 46	12			8		
		F	12 45						
19	" 15	e	3 20.3						
		eS	30 26	11	1		4		
		eL	55.7	20?					
		MN_1	57 26	22	6				
		ME_1	59 20	20			6		
		ME_2	4 01 28	24			19		
		MN_2	02 16	18	6				
		ME_3	05 23	15			5		
		MN_3	09 02	15	4				
		F	5 45						
20	" 28	eL	13 57.4	16					
		MN	14 01 15	11	1				
		ME	01 21	12			1½		
		F	14 25						

E.T. Pigot S.J.

No. 3

1926, March.

Riverview College Observatory

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN

ϕ = 33° 49′ 49″ S. λ = 151° 9′ 30″ E. h = 41·9 m. Foundation: Triassic sandstone.

INSTRUMENTS:

1. Wiechert Astatic Pendulum Seismometer (1000 kilo.) (NS, EW)
2. Wiechert Vertical Seismometer (80 kilo.)
3. Mainka Conical Pendulum Seismometer (450 kilo.) (NS, EW)
4. **Galitzin Aperiodic Seismometer, with galvanometer registration (NS, EW, Vert.)**

		V	T_o	ϵ : 1	$\frac{r}{T_o^2}$
A_N	(1)	157	8.2	5.7	0.02
	(3)	120	8.1	3.0	0.04
A_E	(1)	174	8.0	4.3	0.02
	(3)	149	9.0	3.1	0.04
A_Z	(2)	57	5.4	4.2	0.04

No.	Date.	Phase.	Time (*Greenwich*) h. m. s.	Per. s.	Amplitude. A_N μ	A_E μ	A_Z μ	Δ km.	Remarks.
	1926								
21	March 1	eL	12 42.1	15					
		MN_1	44 14	11	4				
		MN_2	46 15	10	3				
		ME	50 55	10		1			
		F	13 20						
22	" 3	eL	20 25.4	16					
		MN	47 56	10	2				
		ME	48 12	10		4			
		F	21 45						
23	" 4	eP	9 39 03	(2 4				4920	
		iP	39 08	4	+4	-5	-6	(44.3°)	
		eS	45 35	8		1			
		iS	45 41	8	+4	-10			h m s
		PS	45 56	8	4	1			0, 9 30 40
		SR_1	49 06	12	6	7			
		eL	52.4	22					
		ME_1	54 51	16		15			
		MN_1	55 27	16	12				
		ME2	56 02	12		9			
		MN_2	56 28	14	13				
		ME_3	57 53	16		20			
		MN_3	58 19	15	24				
		ME_4	10 00 42	14		12			
		MZ	05 20	12			7		
		F	12 30						
24	" 5	e(S?)	13 22.1	?					
		eL	25.1	20					EW component de-
		MN	27 45	12	4				ranged.
		F	14 00						
25	" 12	eL	20 41.7	16					
		MN_1	42 19	14	3				
		MN_2	53 33	10	2				
		ME	55 31	10		1			
		F	21 30						
26	" 16	eL	2 06.5	22					
		ME_1	09 36	16		4			
		MN	09 52	15	4				
		ME_2	11 21	16		4			
		F	2 45						
27	" 16	eP	17 45 04					3780	
		eS	50 26	8	1	1		(34.0°)	
		eL	53.1	24					
		MN	55 41	15	4				
		ME_1	56 37	16		4			
		ME_2	58 24	16		15			
		F	19 00						

(Continued on next sheet)

RIVERVIEW COLLEGE OBSERVATORY,

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN.

No.	Date.	Phase.	Time (*Greenwich*) h. m. s.	Per. s.	Amplitude. A_N μ	A_E μ	A_Z μ	Δ km.	Remarks.
	1926								
28	March 17	eS?	12 31.7	?					
		e(L?)	54.8	20					
		ME_1	13 02 27	15		2			
		ME_2	07 20	17		4			
		MN_1	15 28	16	2				
		MN_2	37 55	20	4				
		F	14 30						
29	" 18	e(P?)	14 21 20						
		eL	15 03.1	42					S imperceptible.
		MN_1	07 18	38	56				
		MN_2	09 07	30	42				
		ME_1	13 54	25		12			
		ME_2	17 17	24		16			
		MN_3	18 14	24	27				
		MN_4	22 41	17	8				
		ME_3	23 00	18		20			
		MZ	24 26	18			18		
		ME_4	25 18	16		13			
		MN_5	29 08	18	12				
		ME_5	30 19	18		14			
		CN_1	42 12	18	9				
		CE_1	44 17	18		6			
		CN_2	47 35	18	6				
		CE_2	57 00	18		4			N_2 waves absent.
		F	20 35						
30	18	eP	14 29 03	5	1	1			
			29 28	5	-	2			
		F	lost in No.29						
31	18	eP?	19 10 29					8000?	
		e(S?)	16.0	?					
		eL	19.2	13					
		MN_1	23 43	9	9				
		ME_1	24 05	15		25			
		MZ	26 05	11			6		
		MN_2	26 11	11	19				
		ME2	26 33	10		8			
		F	21 45						
32	" 20	e(L?)	1 38.4	?					
		ME_1	40 23	?					
		MN_1	43 38	9	1				
		ME_2	44 24	9		1			
		ME_3	45 28	9		1			
		MN_2	48 19	7	1				
		F	2 45						
33	" 20	e(S?)	7 28.8	12	2				
		eL	32.5	18					
		MN	34 19	13	5				
		ME	34 40	12		1½			
		F	8 25						
34	" 21	e	0 05.5	18					A few long waves.
35	" 21	eL	12 44.8	16					
		MN	46 37	15	3				
		ME	47 12	14		3			
		F	13 10						

(Continued on next sheet)

RIVERVIEW COLLEGE OBSERVATORY,

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN.

No.	Date.	Phase.	Time (*Greenwich*) h. m. s.	Per. s.	Amplitude. A_N μ	A_E μ	A_Z μ	Δ km.	Remarks.
	1926								
36	March 21	eP	14 32 03					9080	
		eS	42 23	8	5	2		81.7°)	
		PS	42 42	8	1	13			
		eSR_1	47.8						
			48 17	10	6	7			
		e	53.9						
			54 29	28		108			
			54 36	28		140			
		eL	15 00.9	24					
		ME_1	01 50	14		7			
		MN_1	03 00	16	15				
		ME_2	03 24	14		9			
		MN_2	06 01	14	16				
		ME_3	06 17	14		12			
		MN_3, MZ	08.9	15	42		12		
		MN_4	13 20	14	19				
		MN_5	19 06	14	14				
		ME_4	19 16	14		6			
		MN_6	24 37	12	8				
		F	17 25						
37	" 22	eP	18 35 03					3290	
		iS	39 54	12	-13	-		(29.6°	
			40 22	12	28				
		eL	42.3	22					
		ME_1	45 03	16		40			
		MN_1	45 51	18	87				
		MZ	45 58	18			36		
		ME_2	46 44	13		31			
		MN_2	48 22	15	22				
		ME_3	54 12	12		13			
		MN_3	55 41	11	16				
		ME_4	57 09	10		14			
		F	20 20						
38	" 25	e(P?)	19 13 02						
		eL	19.3	20					
		MN_1	19 49	16	9				
		ME_1	24 26	16		8			
		MN_2	25 17	16	11				
		ME_2	28 49	10		3			
		MN_3	30 05	12	6				
		F	20 50						

(Continued on next sheet)

RIVERVIEW COLLEGE OBSERVATORY,

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN.

No.	Date.	Phase.	Time (*Greenwich*) h. m. s.	Per. s.	Amplitude. A_N μ	A_E μ	A_Z μ	Δ km.	Remarks.
	1926								
39	March 27	iP	10 54 01	7	+17	+2	-11	2750	Dilatation.
		iS	58 25	11	-90	+54		(24.5°)	
		PS	58 49	12	310	210			
		eL	59.8	24					Azimuth, computed from iP :- 8° (N.8° E.) hence, computed φ, 9½°S. λ, 152½°E.
		MN_1, ME_1	11 01.4	17	300	420			
		MZ_1	01 37	18			170		
		ME_2	02 54	13		420			
		MN_2	03 08	13	460				
		MZ_2	03 48	12			160		
		MN_3	04 00	11	380				
		MN_4	04 57	11	360				
		ME_3	05 05	9		170			
		MN_5 ME_4	06.2	11	310	260			h m s
		MN_6 MZ_3	07.4	11	230		90		0, 10 49 28
		ME_5	07 48	11		270			
		MN_7	10 16	11	210				
		MZ_4	10 25	12			120		
		MN_8	11 23	9	130				
		ME_6	13 10	9		120			
		MN_9	16 08	7	86				
		ME_7	16 54	7		60			
		CN_1	24 12	8	36				
		CE_1	24 30	9		32			
		CE_2	29 12	10		31			
		CN_2	31 59	11	30				
		CE_3	36 16	10		24			
		CN_3	37 04	10	21				
	W_2 waves	eW_2	13 41.0	22					
		MN_1	43 21	22	5				
		MN_2	52 14	17	3				
		ME	58 57	16		2			
		MN_3	14 06 10	?					
		F	17 15						

E. F. Pigott S.J.

No. 4

1926, April.

Riverview College Observatory

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN

ϕ = 33° 49′ 49″ S. λ = 151° 9′ 30″ E. h = 41·9 m. Foundation: Triassic sandstone.

INSTRUMENTS:

1. Wiechert Astatic Pendulum Seismometer (1000 kilo.) (NS, EW)
2. Wiechert Vertical Seismometer (80 kilo.)
3. Mainka Conical Pendulum Seismometer (450 kilo.) (NS, EW)
4. **Galitzin Aperiodic Seismometer, with galvanometer registration (NS, EW, Vert.)**

	V	T_o	ϵ:1	$\frac{r}{T_o^2}$
A_N (1)	157	8.2	4.7	0.02
A_E (1)	174	8.0	4.3	0.02
A_Z (2)	57	5.4	4.2	0.04

No.	Date.	Phase.	Time (*Greenwich*)	Per.	Amplitude. A_N	Amplitude. A_E	Amplitude. A_Z	Δ	Remarks.
	1926		h. m. s.	s.	μ	μ	μ	km.	
40	April 7	eL	14 33.8	22					
		MN	34 06	15	4				
		ME	36 34	15		8			
		F	15 00						
41	" 8	e?	10 27.4						
		eS	31 40	12	2	-			
		eL	34.2	24					
		MN_1	37 15	20	28				
		ME_1	37 39	18		50			
		MN_2, MZ_1	38.8	18	30		9		
		ME_2	40 30	12		13			
		ME_3	42 47	11		9			
		MN_3	43 00	13	15				
		F	12 10						
42	" 9	eI	11 41.5	?					
		ME	47 07	15		3			
		MN_1	47 18	16	3				
		MN_2	50 30	13	2				
		F	12 15						
43	" 12	IP	8 38 01	5	-6	-5	+10	2920	
		eS	42 28	12	74	130		(26.3°	h m s
		PS	42 57	12	300		110		0, 8 32 12
			44 00	14	560	360	240		
		eL	45.2	20					
		MN_1	45 42	14	520				
		ME_1, MZ_1	46.2	13		350	150		
		MN_2	46 40	14	540				
		ME_2	46 55	13		560			
		ME_3, MZ_2	48.2	12		330	140		
		ME_4	49 14	11		250			
		MN_3	49 22	12	330				
		MZ_3	50 43	12			140		
		MN_4	50 55	12	240				
		ME_5	52 01	10		180			
		MN_5	52 10	11	220				
		ME_6	54 22	10		180			
		MN_6	55 14	12	190				
		ME_7	56 13	11		160			
		MN_7, MZ_4	56.4	11	260		140		
		MN_8	57 31	12	180				
		ME_8	58 13	11		150			
		MN_9	58 34	12	150				
		MN_{10}	59 48	11	90				
		ME_9	9 01 55	10		70			

(Continued on next sheet)

No.

RIVERVIEW COLLEGE OBSERVATORY,

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN.

No.	Date.	Phase.	Time (Greenwich)	Per.	Amplitude. A_N	Amplitude. A_E	Amplitude. A_Z	Δ	Remarks.
	1926		h. m. s.	s.	μ	μ	μ	km.	
43 (cont.)	April 12	MN_1	9 04 29	9	65				
		ME_1	06 46	9		85			
		ME_1	10 40	10		80			
		CN_1	12 31	10	39				
		CE_1	16 33	11		40			
		CN_2	18 31	11	38				
		CE_2	22 05	10		28			
		CN_3	27 18	10	22				
		CE_3	28 35	11		21			
W_2 waves		eW_2	11 36.8	20					
		ME_2	45 33	18		4			
		ME_2	48 13	16		2			
		F	13 15						
44	" 15	e(P?)	9 33 15					2880?	
		iS	37 39	8	+9	+5			
		eL	39.1	14					
		MN	44 51	9	9				
		ME	45 08		8				
		F	10 40						
45	" 18	e(P?	0 36 01	4		2			
		e(S?	39.0	4		1			
		eL	40.6	22?					
		MN_1	43 01	13	7				
		ME_1	46 17	11		13			
		MN_2	47 02	12	23				
		ME_2	49 44	8		3			
		F	1 50						
46	" 24	eP	0 13 52	?				3080 (27.7°)	
		i	14 28	5	1	+10			
		eS	18 29	6	3	1			
		SR_1	19 20	7	4	1			
		eL	20.5	?					
		MN	23 27	13	3				
		ME	24 35	13		1			
		F	1 10						
47	" 27	e(P?)	21 21.3	6					
		F	lost in No. 48						
48	" 27	eP	21 34 58	2				2070?	Very short wave-lengths.
		e(S?)	37.4	?					
		ME	37 35	5		2			
		MN	40 30	5	2				
		F	21 55						
49	" 28	e(P?)	11 31 05						
		PS?	43.1	12	3	2			
		e(SR_1?)	48.7	16					
		e	12 01.2	25					
			26 56						
		F	13 55						
50	" 30	e	2 42.4						
		e(S?)	42.8	?					
		MN	46 47	?					
		ME	49 05	?					
		F	3 05						

E.F. Pidot S.J.

No. 5

1926, May.

Riverview College Observatory

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN

ϕ = 33° 49′ 49″ S. λ = 151° 9′ 30″ E. h = 41·9 m. Foundation: Triassic sandstone.

INSTRUMENTS:

1. Wiechert Astatic Pendulum Seismometer (1000 kilo.) (NS, EW)
2. Wiechert Vertical Seismometer (80 kilo.)
3. Mainka Conical Pendulum Seismometer (450 kilo.) (NS, EW)
4. **Galitzin Aperiodic Seismometer, with galvanometer registration (NS, EW, Vert.)**

	V	T_o	ϵ:1	$\frac{r}{T_o^2}$
A_N (1)	159	7.8	5.0	0.02
A_E (1)	150	7.9	3.1	0.02
A_Z (2)	60	5.4	4.0	0.05

No.	Date.	Phase.	Time (*Greenwich*) h. m. s.	Per. s.	Amplitude. A_N μ	A_E μ	A_Z μ	Δ km.	Remarks.
	1926								
51	May 6	e(S?)	4 47.4						
		eL	53.2	18					
		ME	54 44	13		2			h. m.
		MN	54 50	15	3				F 5 30
52	" 7	e(P?)	6 30 59						
		eL	48.4	16					
		ME_1	49 41	16		4			
		MN_1	50 49	17	5				
		ME_2	53 13	12		2			h m
		MN_2	59 18	12	2				F 7 35
53	" 11	eL	2 25.5	?					
		MN_1	26 04	12	5				
		MN_2	27 16	9	4				
		ME_1	27 33	7		2			
		ME_2	30 44	7		2			
		F	3 40						
54	" 11	eL	12 26.0	15					
		ME	26 18	?					
		MN	27 56	13	3				
		F	12 45						
55	" 17	eP	17 23 36					2820	
		eS	27 56	7	½	½		(25.4°	
		PS	28 13	7	8	4			
		eL	30.4	?					
		MN_1	32 26	12	7				
		ME_1	33 16	10		12			
		ME_2	34 56	10	14				h m
		ME_2	35 41	9		11			F 18 45
56	" 20	eP?	7 10 40					4950?	
		eS	17 14	?					
		e(SR?)	20.6	13		3			
			21 01	13	11	11			
		eL	22.9	?					
		ME_1	25 15	12		8			
		ME_2	29 58	15		12			
		MN_1	30 14	15	14				
		ME3	32 18	16		11			h m
		MN_2, MZ	32.4	16	14		13		F 8 35
57	" 21	e(S?)	12 34.3						
		eL	37.5	18?					
		ME	38 50	?					h m
		MN	39 59	12	2				F 13 15
58	" 31	e?	14 05.3						
		eL	13.3	16					
		ME	14 44	15		4			h m
		MN	16 25	15	2				F 15 00

1926, June.

Riverview College Observatory

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN

ϕ = 33° 49′ 49″ S. λ = 151° 9′ 30″ E. h = 41·9 m. Foundation: Triassic sandstone.

INSTRUMENTS:

1. Wiechert Astatic Pendulum Seismometer (1000 kilo.) (NS, EW)
2. Wiechert Vertical Seismometer (80 kilo.)
3. Mainka Conical Pendulum Seismometer (450 kilo.) (NS, EW)
4. **Galitzin Aperiodic Seismometer, with galvanometer registration (NS, EW, Vert.)**

	V	T_o	ϵ : 1	$\frac{r}{T_o^2}$
A_N (1)	159	7.8	5.0	0.02
A_E (1)	150	7.9	3.1	0.02
A_Z (2)	60	5.4	4.0	0.05

No.	Date.	Phase.	Time (*Greenwich*) h. m. s.	Per. s.	Amplitude. A_N μ	A_E μ	A_Z μ	Δ km.	Remarks.
	1926								
59	June 1	e(S?)	22 29.9	10					
		eL	32.4	20					
		ME	35 21	10		4			
		MN	37 39	10	5				
		F	23 15						
60	" 3	iP	4 52 15	5	+16	+16	-13	2820 (25.4°)	Dilatation.
		eS	56 26	8	7	4			
		SR_1	57 11	10	110	27	43		Azimuth, computed from iP : 45° (N.45°E.), hence, computed,
		eL	59.3	18					
		MZ	59 48	18			88		
		MN_1	5 01 26	13	85				φ, 15° S.
		ME_1	03 46	11		64			λ, 169° E.
		MN_2	05 37	9	52				
		ME_2	08 24	8		35			
		MN_3	09 40	10	38				
	MN_4,	ME_3	12.6	10	34	29			h m s
		ME_4	15 09	10		28			0, 4 46 35
		MN_5	18 38	10	26				
		ME_5	22 55	10		26			
		CE_1	29 42	9		10			
		CN_1	37 47	8	7				
		CE_2	38 35	10		6			
		F	9 00						
61	" 11	e(S?)	5 20.2	12	2				
		eL	33.6	16					
		MN	24 19	13	9				
		ME	25 23	12		7			
		F	6 00						
62	" 13	e?	6 59.9						
		eL	7 05.5	?					
		MN	11 35	12	2				
		ME	12 20	11		2			
		F	7 30						
63	" 19	eP	11 29 53	4	2			2100 (18.9°)	
		eS	33 22	5	¾	½			
		PS	33 27	5	5	5			
		eL	34.5	?					
		ME_1	37 36	12		22			
		ME_2	39 29	9		6			
		MN_1	41 24	12	17				
		MN_2	44 27	11	5				
		F	12 50						

(Continued on next sheet)

RIVERVIEW COLLEGE OBSERVATORY,

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN.

No.	Date.	Phase.	Time (*Greenwich*) h. m. s.	Per. s.	Amplitude. A_N μ	A_E μ	A_Z μ	Δ km.	Remarks.
	1926								
64	June 23	e?	7 07.2						
			10 54						
		e(PS?)	19.2						
			31 50						
		e(L?)	39.8	20					
		ME	47 18	15					
		MN	47 36	16	4				
		F	8 45						
65	" 24	e	21 28.9	?					P and S very uncertain.
		i	30 55	(2/4)	+5				
		e(L?)	33.8	?					
		MN_1	35 03	5	15				Extremely short periods throughout.
		MN_2 ME_1	35.7	5	20	13			
		ME_2	36 28	6		11			
		F	22 30						
66	" 25	eP	2 04 03	4	4	5		3490	
		eS	09 07	7	1	1		(31.4°)	
		eL	11.2	16					
		MN	13 43	8	1				
		ME	15 00	10		4			
		F	2 35						
67	" 26	e(P?	20 06 50	?					
		i	09 02	4		5			
			10 33	6		14			
		e	21.1	11	3	7			
		PS?	23 10	12	8	2			
		eL	44.2	40					
		MN_1	45 53	32	66				
		MN_2	50 57	20	12				
		ME_1	51 57	?					
		ME_2	53 58	32		55			
		MN_3	54 47	20	12				
		MN_4	21 02 47	20	12				
		ME_3	04 02	20		18			
		ME_4	07 03	20		17			
		F	23 00						
68	" 27	e?	18 02 09						
		eL	18.8	13					
		ME	23 14	12		4			
		MN	26 18	11	2				
		F	19 20						

(Continued on next sheet)

RIVERVIEW COLLEGE OBSERVATORY,

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN.

No.	Date.	Phase.	Time (*Greenwich*) h. m. s.	Per. s.	Amplitude. A_N μ	A_E μ	A_Z μ	Δ km.	Remarks.
	1926								
69	June 28	eP	3 32 46					6880	
		eS	41 11	?				(61.9°)	h m s
		e	47.3	24		17			0, 3 22 25
		eL	50.2	28					
		MN_1	50 26	28	120				
		ME_2	52 55	24	150				
		ME_1	53 57	20		57			
		MN_3	55 28	18	90				
		ME_2	56 20	18		130			
		MN_4	58 09	13	82				
		ME_3	59 08	18		108			
		MN_5	4 01 19	13	46				
		ME_4	02 14	16		60			
		MN_6	05 30	12	34				
		ME_5	07 12	12		28			
		CN_1	15 01	11	14				
		CE_1	18 17	11		9			
		CN_2	19 37	10	9				
		CE_2	28 14	11		7			
		F	6 00						
70	" 28	eL	6 42.6	30					
		LN_1	45 21	24	28				
		ME_1	48 40	16		9			
		MN_2	50 28	13	9				
		ME_2	57 32	18		18			
		F	8 05						
71	" 29	iP	14 37 31	4	+21	-5	-13	7020	
		PN_1	40 03	5	3	-		(63.2°)	Azimuth, computed
		iS	43 05	7	+21	+6			from iP :-
		PS	46 15	7	20	12			N.14°W.,
			47 27	14	17	40			hence computed
		SR_1	50 19	8	8	-			φ, 35° N.
		eL	56.2	26					λ, 136° E.
		ME_1	59 29	18		30			h m s
		MN_1	15 03 01	17	16				0, 14 27 02
		ME_2	04 13	19		17			
		MN_2	05 21	17	16				
		MZ	05 47	16			14		
		MN_3	07 15	16	15				
		F	18 25						

No. 7 1926, July.

Riverview College Observatory

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN

ϕ = 33° 49′ 49″ S. λ = 151° 9′ 30″ E. h = 41·9 m. Foundation: Triassic sandstone.

INSTRUMENTS:

1. Wiechert Astatic Pendulum Seismometer (1000 kilo.) (NS, EW)
2. Wiechert Vertical Seismometer (80 kilo.)
3. Mainka Conical Pendulum Seismometer (450 kilo.) (NS, EW)
4. **Galitzin Aperiodic Seismometer, with galvanometer registration (NS, EW, Vert.)**

	V	T_o	ϵ:1	$\frac{r}{T_o^2}$
A_N (1	157	7.9	4.3	0.03
A_E (1	173	7.7	2.7	0.02
A_Z (2	59	5.3	4.1	0.06

No.	Date.	Phase.	Time (*Greenwich*) h. m. s.	Per. s.	Amplitude. A_N μ	A_E μ	A_Z μ	Δ km.	Remarks.
	1926								
72	July 1	eP	14 18 28					6230 (56.1°)	Destructive earthquake in Sumatra.
		eS	26 15	7	1	2			
		PS	26 34	7	5	2			
		SR_1	30 27	12	1	6			
		eL(Q)	32 17	60					Q, Love-waves
		eL(R)	35 34	28					R, Rayleigh-waves
		MN_1, ME_1	36.3	20	170	85			
		ME_2	38 23	19		66			h m s
		MN_2	38 56	16	115				0, 14 06 43
		MZ_1	40 28	18			76		
		ME_3	40 43	16		110			
		MN_3	41 13	15	200				
		MN_4	42 15	12	85				
		ME_4	43 55	15		105			
		MN_5	44 03	12	64				
		MZ_2	44 22	15			65		
		ME_5	46 01	14		70			
		MZ_3	46 23	15			60		
		MN_6	49 17	12	52				
		ME_6	50 34	16		110			
		MZ_4	50 41	15			39		
		CN_1	56 04	12	16				
		CE_1	59 41	12		20			
		CN_2	15 03 51	10	6				
		CE_2	10 15	12		15			
		CE_3	24 08	10		4			
		F	17 20						
73	" 2	e	6 16.9						
		MN_1	18 33	10	1				
		ME_1	21 22	12		1			
		ME_2	23 45	12		1			
		MN_2	23 51	11	1				
		F	6 40						
74	" 7	eL	12 07.5						
		MN	08 22						
		ME	11 28						
		F	12 35						
75	"10	eP	1 32 39						
		eL	40.0	20					
		MN_1	42 16	9	4				
		MN_2, ME	44.6	8	4	2			
		F	2 25						

(Continued on next sheet.)

RIVERVIEW COLLEGE OBSERVATORY,

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN.

No.	Date.	Phase.	Time (*Greenwich*) h. m. s.	Per. s.	Amplitude. A_N μ	A_E μ	A_Z μ	Δ km.	Remarks.
	1926								
76	July 10	eP	10 58 58	3	-	1		4540	
		iS	11 05 08	3	6	2½		(40.9°	
		eSR1	08 20	5	4				
			08 36	5	17				
			09 23	5	12	10			
		eL	10.6	18					
		ME_1	15 13	12		17			
		MN_1	17 23	9	11				
		ME_2	17 41	9		11			
		MN_2	21 02	14	29				
		ME_3	21 08	13		32			
		MZ	24 28	12			12		
		F	12 25						
77	" 10	e(L?)	13 01.5						
		MN	08 04	13	1				
		ME	08 27	12		1			
		F	13 30						
78	" 14	e	17 10.1						
		MN_1	14 26	9	1				
		ME	14 36	9		1			
		MN_2	27 05	14	2				
		F	17 55						
79	" 16	e(P?)	2 12 06					3610?	
		e(S?)	17.3						
		eL	18.0	22					
		ME_1	19 52	19		48			
		ME_2	20 47	17		140			
		MN_1	20 52	18	50				
		MN_2	22 51	14	38				
		MZ	23 13	12			16		
		F	3 45						
80	" 16	e	6 58.6						
		MN	7 11 24	10	1				
		ME	13 33	12		1			
		F	7 30						
81	2 28	iP	8 58 06	4	-5	-		2790	
		eS	9 02 24	10	1	1		(25.1°	h m s
		PS	02 42	10	14	6			0, 8 52 30
			03 00	8	40	12			
		eL	05.1	20					
		ME_1	07 21	13		36			
		MN_1	08 04	12	29				
		MN_2	09 20	12	30				
		MZ	09 41	10			5		
		ME_2	10 15	10		30			
		MN_3	15 04	11	15				
		ME_3	15 34	10		9			
		CN_1	23 26	9	5				
		CE_1	24 16	9		7			
		CN_2	26 26	9	8				
		CE_2	28 09	10		6			
		F	11 00						
82	" 31	e	11 34.1						
		eL	41.2	22					
		MN	42 28	13	4				
		ME	43 19	13		6			
		F	12 20						

No. 8 1926, August.

Riverview College Observatory

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN

ϕ = 33° 49′ 49″ S. λ = 151° 9′ 30″ E. h = 41·9 m. Foundation: Triassic sandstone.

INSTRUMENTS:

1. Wiechert Astatic Pendulum Seismometer (1000 kilo.) (NS, EW)
2. Wiechert Vertical Seismometer (80 kilo.)
3. Mainka Conical Pendulum Seismometer (450 kilo.) (NS, EW)
4. **Galitzin Aperiodic Seismometer, with galvanometer registration (NS, EW, Vert.)**

	V	T_o	ϵ:1	$\frac{r}{T_o^2}$
A_N (1)	157	7.9	4.3	0.03
A_E (1)	173	7.7	2.7	0.02
A_Z (2)	59	5.3	4.1	0.06

No.	Date.	Phase.	Time (*Greenwich*) h. m. s.	Per. s.	Amplitude. A_N μ	A_E μ	A_Z μ	Δ km.	Remarks.
	1926								
83	Aug. 1	e?	14 52.2						
		ME	55 16	14		3			
		MN	58 13	12	2				
		F	15 10						
84	" 2	eP	5 10 57					5700	
		eS	18 13	9	1	1		(51.3°)	
			18 28	9	2	3			
		eL	25.9	20					
		MN_1	28 21	16	9				
		ME_1	29 30	17		20			
		MN_2	31 42	16	24				
		ME_2	33 37	15		11			
		MN_3	34 33	18	45				
		ME_3	37 24	15		10			
		MN_4	42 56	16	7				
		ME_4	45 45	13		4			
		MN_5	47 07	15	10				
		ME_5	50 13	14		8			
		F	7 20						
85	" 2	e	12 54.3						
		e	13 01.2						
		e(L?)	04.0	?					
		ME_1	06 07	?					
		MN_1	06 17	?					
		ME_2	09 07	16		2			
		MN_2	13 30	16	3				
		F	lost in No. 86.						
86	" 2	eL	13 21.3	?					
		MN_1	23 47	16	7				
		ME_1	25 25	16		4			
		MN_2	28n42	14	5				
		ME_2	30 10	14		10			
		ME_3	35 12	14		3			
		MN_3	45 43	13	3				
		ME_4	48 21	14		3			
		F	14 20						
87	" 3	eP	3 23 28	5	-	½			
		eL	30.6	16					
		MN_1	32 23	15	6				
		ME_1	33 47	16		7			
		MN_2	34 06	13	15				
		ME_2	35 21	15		10			
		F	lost in No. 88.						

(Continued on next sheet)

RIVERVIEW COLLEGE OBSERVATORY,

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN.

No.	Date.	Phase.	Time (*Greenwich*) h. m. s.	Per. s.	Amplitude. A_N μ	A_E μ	A_Z μ	Δ km.	Remarks.
	1926								
88	Aug.3	eL	4 11.5	?					
		ME_1	12 55	?					
		MN_1	13 03	18	3				
		MN_2, ME_2	17.4	17	3	5			
		MN_3	19 16	18	6				
		ME_3	19 31	18		4			
		F	4 45						
89	" 3	eP	10 39 29	5	1	1		4100	
		eP_{R_1}	40 59	6	1	1		(36.9°	
			41 18	8	5	4			h m s
		eS	45 12	8	2	2			0, 10 32 03
		PS	45 49	12	9	16			
			48 35	12			16		
		eL	50.6	?					
		MN_1	53 38	18	96				
		ME_1	53 49	16		110			
		ME_2	54 28	16		200			
		MN_2	54 35	16	170				
		MZ_1	55 15	15			39		
		ME_3, MZ_2	56.6	14		54	35		
		MN_3	57 14	16	96				
		MZ_3	58 16	13			47		
		ME_4	59 29	12		38			
		MN_4	11 02 43	13	28				
		CE_1	10 35	12		5			
		CN_1	12 18	12	5				
		CE_2	14 49	12		2			
		CN_2	15 36	15	6				
		F	13 45						
90	" 10	e(P?)	21 24 09	5					
		eL	30.9	21					
		MN_1	32 13	15	9				
		ME_1	33 45	17		8			
		MN_2	34 12	13	10				
		ME_2	35 53	14		7			
		F	22 25						
91	" 14	e(P?)	21 38.1						
		e(L?)	43.1	22					
		MN, ME	46.0	13	8	5			
		F	22 10						
92	" 15	e?	2 34.2	4					
		e(S?)	37.9	9					
			38 09	9		3			
		eL	38.9	20					
		MN_1	39 07	16	13				
		ME_1	39 16	16		31			
		MN_2	40 03	13	8				
		ME_2	40 09	12		14			
		F	3 10						

(Continued on next sheet)

RIVERVIEW COLLEGE OBSERVATORY,

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN.

No.	Date.	Phase.	Time (*Greenwich*) h. m. s.	Per. s.	Amplitude. A_N μ	Amplitude. A_E μ	Amplitude. A_Z μ	Δ km.	Remarks.
	1926								
93	Aug. 16	e(P?	2 41 53	7	¾	-		3650?	
		eS	47 07	8	1	2			
		eL	49.6	22					
		ME_1	51 17	17		19			
		MN_1	54 01	16	10				
		ME_2	56 24	12		4			
		MN_2	59 09	10	4				
		F	3 20						
94	" 19	e(S?	13 59.5	8					
		eL	14 06.2	30					
		ME_1	09 08	17		16			
		MN_1	10 19	18	13				
		ME_2	12 11	12		18			
		MN_2	12 18	16	13				
		XXXXXXXXXXXX							
		MZ	13 17	13			10		
		ME_3	15 17	12		18			
		MN_3	16 11	15	14				
		F	15 00						
95	" 21	e?	19 05.3						
		e(L?)	06.7	16					
		MN	09 44	15	7				
		ME	10 41	16		5			
		F	19 30						
96	" 25	eP	5 49 29	4				2580	
		iP	49 35	4	+4	+12	-5	(23.2°	Dilatation.
			49 39	4	8	19	10		
		PR_1	50 04	5	10	16			h m s
		iS	53 32	9	+38	+14			0, 5 44 14
			53 54	10	70	150			
		eL	55.0	24					
		MZ_1	55 37	22			220		
		MN	56 06	20	290				
		ME_1, MZ_2	56.3	20		500	275		
		MZ_3	56 53	20			290		
		MN_2	58 53	12	110				
		ME_2, MZ_4	59.5	14		125	58		
		MN_3	6 00 55	12	140				
		ME_3	03 14	14		120			
		ME_4	06 29	14		135			
		MZ_5	07 17	13			140		
		MN_4	07 24	12	95				
		ME_5, MZ_6	10.1	12		115	90		
		MN_5	11 52	12	55				
		ME_6	13 04	12		78			
		ME_7	15 10	12		65			
		MN_6	17 10	12	45				
		CN_1	22 12	10	16				
		CE_1	25 15	12		20			
		CN_2	28 04	11	22				
		CE_2	31 04	12		26			
		CN_3	32 09	12	23				
		CN_4	35 05	12	20				
		CE_3	37 10	12		14			
		F	lost in No. 97						

(Continued on next sheet.)

RIVERVIEW COLLEGE OBSERVATORY,

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN.

No.	Date.	Phase.	Time (*Greenwich*) h. m. s.	Per. s.	Amplitude. A_N μ	A_E μ	A_Z μ	Δ km.	Remarks.
	1926								
97	Aug. 25	eP	7 47 34	8	½	2		2530 (22.8°)	Probably after-shock of No.96.
			47 53	8		8			
		eS	51 34	9	10	-			
			51 48	9	18	69			
		eL	52.9	22					
		ME_1	54 01	20		76			
		MZ	54 16	18			30		
		ME_2	54 38	18		62			
		MN_1	55 07	14	29				
		MN_2	57 25	13	26				
		MN_3	59 08	12	33				
		ME_3	59 18	13		37			
		MN_4	8 01 03	12	20				
		ME_4	01 25	13		35			
		MN_5	03 19	12	20				
		ME_5	05 05	12		25			
		F	10 00						
98	" 25	e	14 14.5	10		1			
		MN	14 54	10	1				
		ME	17 00	?					
		F	14 30						
99	" 25	e(P?)	19 14 11					4390?	
		eS	20 11						
			20 33						
		e(L?	22.6	14					
		ME	23 04	18		5			
		MN	24 56	13	2				
		F	19 40						
100	" 26	eP	6 46 12					2520 (22.7°)	
		eS	50 11	8	2	3			
		iS	50 15	8	-25	-12			
			50 51	7	20	9			
		eL	51.0	?					
		MN_1	52 51	16	16				
		MN_2, ME_1	53.8	14	11	9			
		ME_2	55 20	13		14			
		MN_3	55 33	12	10				
		ME_3	57 22	12		6			
		F	7 30						
101	" 30	e(PR_1?	12 00 14	6		1			Greece.
		e(L?	46.5	?					
		ME	13 02 22	18		3			
		F	13 55						
102	" 31	e	14 39.1						
		ME	42 09	12		3			
		MN_1	42 42	12	1				
		MN_2	45 46	9	1				
		F	14 55						

No. 9 1926, September.

Riverview College Observatory

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN

ϕ = 33° 49′ 49″ S. λ = 151° 9′ 30″ E. h = 41·9 m. Foundation: Triassic sandstone.

INSTRUMENTS:

1. Wiechert Astatic Pendulum Seismometer (1000 kilo.) (NS, EW)
2. Wiechert Vertical Seismometer (80 kilo.)
3. Mainka Conical Pendulum Seismometer (450 kilo.) (NS, EW)
4. **Galitzin Aperiodic Seismometer, with galvanometer registration (NS, EW, Vert.)**

		V	T_o	ϵ:1	$\frac{r}{T_o^2}$
A_N	(1)	159	7.4	4.3	0.02
	(3)	116	8.1	3.0	0.03
A_E	(1)	174	7.3	4.5	0.02
	(3)	140	9.0	2.4	0.04
A_Z	(2)	55	5.2	3.2	0.06

No.	Date.	Phase.	Time (*Greenwich*) h. m. s.	Per. s.	Amplitude. A_N μ	A_E μ	A_Z μ	Δ km.	Remarks.
	1926								
103	Sept. 1	e(P?)	12 16 24					3140?	
		e(S?)	21.1						
		eL	22.7	18?					
		MN_1	24 23	16	5				
		MN_2	25 09	16	13				
		ME_1	27 10	16		12			
		ME_2	29 10	12		5			
		MN_3	30 08	12	7				
		F	14 15						
104	" 2	iP	1 33 32	6	+1	+2	+2	8080	h m s 0, 1 22 08
		iS	43 05	7	-7	+2			
		eL	57.3	26					
		MN_1	58 20	22	25				
		ME_1	59 18	21		31			
		ME_2	2 01 07	16		29			
		MZ_1	01 14	16			16		
		MN_2	02 08	16	26				
		MZ_2	02 41	16			23		
		ME_3	03 06	15		23			
		MN_3	04 48	16	16				
		ME_4	14 08	14		9			
		MN_4	15 07	15	11				
		CN_1, CE_1	23.1	14	9	9			
		CE_2	26 43	14		7			
		CN_2	29 28	15	9				
		F	4 10						
105	" 4	eP	12 52 56					2380	
		eS	13 03 06	6	1	1		(21.4°	
			03 18	6	1	10			
		eL	03.6	?					
		MN	05 10	?					
		F	13 20						
106	" 4	e(P?)	14 49 15					2410?	
		e	53.1						
		eS	59 00	?					
		eL	16 13.9	26					
		ME	14 43	24		6			
		MN	16 39	17	4				
		F	17 15						
107	" 6	e(S?)	1 03.0						
		e(L?)	07.5	16?					
		ME_1	17 03	16		4			
		MN_1	18 05	16	4				
		ME_2	24 28	16		2			
		MN_2	27 41	14	2				
		F	1 50						

(Continued on next sheet)

RIVERVIEW COLLEGE OBSERVATORY,

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN.

No.	Date.	Phase.	Time (*Greenwich*) h. m. s.	Per. s.	Amplitude. A_N μ	Amplitude. A_E μ	Amplitude. A_Z μ	Δ km.	Remarks.
108	[illegible] 5	e?	8 13.8						
		e	15.0						
		e (S?)	19.0	8		½			
		eL	21.4	18					
		MN_1	25 09	15	11				
		ME_1	25 25	17		8			
		MN_2	27 59	10	3				
		ME_2	29 02	14		4			
		F	9 00						
109	" 6	eP	15 13 08	6		1		5070	
		eS	19 48	7	¾	1		45.6°)	
		PS	19 59	7		2			
		eL	21.3	20?					
		ME_1	22 38	18		8			
		MN_1 ME_2	24.3	14	17	7			
		MN_2	25 45	13	6				
		ME_3	28 00	12		5			
		MN_3	28 52	12	4				
		F	16 20						
110	" 7	eP	12 29 00	?				3210	Severely felt in Kikori, Delta Division, Papua.
			30 11	5	10	5		(28.9°	
		iS	33 46	7	-5	+10			h m s
			34 40	8	45	20			0, 12 22.46
			36 15	8	52	6			
		eL	37.1	40?					
		ME_1	38 58	21		200			
		MZ_1	38 03	23			100		
		MN_1	38 31	22	195				
		ME_2	39 55	18		370			
		MN_2 MZ_2	40.9	18	180		40		
		ME_3	41 34	15		315			
		MN_3	41 47	16	205				
		ME_4	42 24	13		285			
		MZ_3	42 32	12			120		
		MN_4	42 46	13	175				
		MN_5	43 54	9	62				
		ME_5	44 15	10		81			
		MZ_4	44 30	10			50		
		MN_6	45 05	10	73				
		ME_6	45 50	8		56			
		MN_7	46 54	8	48				
		ME_7	47 23	8		42			
		MN_8	48 51	8	36				
		ME_8	50 11	8		33			
		CN_1	55 56	9	15				
		CE_1	56 51	8		16			
		CN_2	55 50	9	11				
		CE_2	13 01 12	9		4			
		CN_3	03 46	9	3				
		CE_3	10 08	9		4			
		F	14 55						
111	" 7	eL	20 03.9	16					
		MN	05 13	12					
		ME	06 46	14					
		F	20 20						

(Continued on next sheet)

RIVERVIEW COLLEGE OBSERVATORY,

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN.

No.	Date.	Phase.	Time (*Greenwich*) h. m. s.	Per. s.	Amplitude. A_N μ	Amplitude. A_E μ	Amplitude. A_Z μ	Δ km.	Remarks.
	1926								
112	Sept. 9	iP	17 42 24	4	3	3			
		e(L?)	45.1	12?					
		F	17 50						
113	" 9	eP	18 35 29	4				2920	
		eS	39 56	7	1			(26.3°	
		eL	40.7	18					
		MN_1, ME_1	41.3	14	13	24			
		MN_2	42 04	11	16				
		ME_2	43 16	10		28			
		MN_3	44 57	11	15				
		ME_3	45 52	10		15			
		F	20 30						
114	" 10	eP	10 42 34	4	½	½		5030	Java. h m s
		eS	49 12	8	4	4		(45.3°	●, 10 34 04
		PS	49 22	8	4	7			
		eSR_1	52 38	10	12	9			
			53 13	14	62	66			
		eL	56 12	22?					
		MN_1	57 22	24	330				
		ME_1	58 23	24		170			
		MN_2	58 28	18	280				
		MN_3	59 21	18	450				
		MZ_1	59 28	20			54		
		MN_4	11 00 06	20	250				
		ME_2	00 15	16		175			
		MN_5	01 00	16	350				
		ME_3	02 02	15		220			
		MN_6	02 10	14	310				
		MN_7	04 34	13	135				
		ME_4, MZ_2	04.7	14		130	57		
		ME_5	06 16	10		78			
		MN_8, MZ_3	07.3	14	180		80		
		ME_6	07 58	14		190			
		MN_9	09 53	10	94				
		ME_7	10 50	13		95			
		MN_{10}	13 42	13	130				
		MZ_4	15 28	12			52		
		ME_8	15 42	13		140			
		MZ_5	18 15	11			60		
		ME_9	18 24	12		140			
		ME_{10}	23 06	13		76			
		CN_1	28 29	12	45				
		CE_1	31 50	12		50			
		CN_2	34 44	11	22				
		CE_2	35 50	11		23			
		CE_3	41 34	15		35			
		CN_3	45 37	13	16				
		F	14 20						
115	" 11	e?	12 40.2						Central Java.
		$e(SR_1?)$	44 48						
		e(L?)	49.9						
		MN_1	53 12	16	24				
		ME_1	53 23	16		13			
		ME_2	55 38	14		14			
		MN_2	56 39	12	20				
		F	14 10						

(Continued on next sheet.)

No.

RIVERVIEW COLLEGE OBSERVATORY,

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN.

No.	Date.	Phase.	Time (*Greenwich*)	Per.	Amplitude. A_N	Amplitude. A_E	Amplitude. A_Z	Δ	Remarks.
	1926		h. m. s.	s.	μ	μ	μ	km.	
116	Sept.12	e?	16 02.5						
		eL	16.3	26					
		MN	20 17	18	6				
		ME	20 31	18		"			
117	" 15	e	11 37.2						
		e(S?)	42.2	12					
		eL	46.3	28					
		MN_1	47 40	23	8				
		ME_1	49 26	18		14			
		MN_2	50 21	17	10				
		MZ	50 57						
		F	lost in	No. 118.					
118	" 15	eL	12 11.8	29					
		ME_1	14 53	12		29			
		MN_1	15 09	10	14				
		MZ_1	15 36	15			13		
		MN_2	16 20	18	46				
		MZ_2	17 05	12			24		
		ME_2	17 17	12		19			
		MN_3	17 44	10	18				
		ME_3	21 20	10		9			
		F	13 15						
119	" 16	iP	16 04 39	4	+10	+5	-4	3040 (27.4°)	Dilatation. Azimuth (computed from iP):- 25° (N.25° E°) hence, computed: φ, 9° S. λ, 162° E.
			04 53	4	53	19			
		PR_1	05 26	4	30	21			
			06 59	6	38				
		S	09 14	6	33				
		PS	09 22	6	120				
		eL	12,0	18					
		MN_1	12 37	16	630				
		MZ_1	12 56	15			195		h m s
		ME_1	13 29	14		580			O, 17 58 38
		MN_2, ME_2	13.7	14	700	920			
		MN_3	14 00	14	860				
		MN_4, ME_3	14.2	14	850	850			
		MN_5, ME_4	14.6	13	520	690			
		MN_6	14 43	14	640				
		ME_5	15 36	10		200			
		MN_7	16 00	12	160				
		MZ_2	16 17	12			160		
		MN_8	16 43	12	380				
		ME_6	17 02	10		220			
		MN_9	17 56	10	140				
		ME_7	18 47	9		170			
		MN_{10}	19 26	9	150				
		ME_8	19 39	9		190			
		MZ_3	20 14	9			72		
		MN_{11}, ME_9	20.9	9	125	175			
		MN_{12}	23 04	12	190				
		MZ_4	23 47	10			86		
		ME_{10}	24 15	10		180			
		ME_{11}	25 33	10		180			
		MN_{13}	27 41	8	83				
		ME_{12}	29 16	9		100			
		MZ_5	30 17	9			61		
		MN_{14}	31 22	10	130				
		ME_{13}	33 33	9		48			
		MN_{15}	34 31	8	66				

(Continued on next sheet)

RIVERVIEW COLLEGE OBSERVATORY,

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN.

No.	Date.	Phase.	Time (*Greenwich*) h. m. s.	Per. s.	Amplitude. A_N μ	A_E μ	A_Z μ	Δ km.	Remarks.
	1926								
119	Sept.16	CE_1	18 47 01	9			25		
Contd.		CN_1	48 31	9	29				
		CN	52 05	14	27				
		CE_2	52 23	12			50		
		CN_3	54 27	12	27				
	W2 series	eW_2	20 51 16	16					
		ME	21 00 14	12			1		
		MN	03 48	14	2				
	Sept.17	F	1 30						
120	" 17	e(P?)	1 50 49					3230?	
		eS	55 36	8	1		½		
		eL	58.8	20					
		MN_1, ME_1	2 00 15	14	32		40		
		MN_2	01 17	14	36				
		ME_2	02 30	12			43		
		F	lost in No	121.					
121	" 17	e(P?)	2 59 29	4				2730?	
		eS	3 03 43	8		1	1		
			04 07	8		5			
		eL	07.0	18					
		MN_1	08 22	14	36				
		ME_1	08 33	15			35		
		MN_2	09 21	13	25				
		ME_2	10 36	12			45		
		F	5 05						
122	" 17	e(S?)	5 51.4	9					
		eL	54.4	20					
		MN	56 06	14	5				
		ME	56 22	15			9		
		F	6 35						
123	" 19	e	20 14.9						
			15 04	6			2		
		e(S?)	16.3	6			1		
		ME	20 18	12			3		
		MN	21 15	12	2				
		F	20 40						
124	" 28	e	16 08.5						
		e(S?)	13.7	12					
		e(L?)	16.8	22					
		MN_1	18 36	16	9				
		ME	19 37	16			8		
		MN_2	20 38	14	7				
		F	16 45						
125	" 29	e?	4 12.9						
		e(S?)	15.2	8					
			16 38	6	9				
		eL	17.6	26					
		ME	18 43	13			11		
		MN	19 12	12	10				
		F	4 40						
126	" 29	e?	5 08.7						
		e?	24.4						
		eL?	32.0	40?					
		ME_1	37 25	20			8		
		MN	38 16	20	8				
		ME_2	38 58	18			10		
		F	6 15						

No. 10

1926, October.

Riverview College Observatory

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN

ϕ = 33° 49′ 49″ S. λ = 151° 9′ 30″ E. h = 41·9 m. Foundation: Triassic sandstone.

INSTRUMENTS:

1. Wiechert Astatic Pendulum Seismometer (1000 kilo.) (NS, EW)
2. Wiechert Vertical Seismometer (80 kilo.)
3. Mainka Conical Pendulum Seismometer (450 kilo.) (NS, EW)
4. **Galitzin Aperiodic Seismometer, with galvanometer registration (NS, EW, Vert.)**

		V	T_o	ϵ:1	$\frac{r}{T_o^2}$
A_N	(1)	154	7.8	5.9	0.02
	(3)	114	8.3	2.5	0.02
A_E	(1)	166	7.2	4.4	0.02
	(3)	128	9.2	1.9	0.05
A_Z	(2)	57	5.5	3.7	0.04

No.	Date.	Phase.	Time (*Greenwich*) h. m. s.	Per. s.	Amplitude. A_N μ	A_E μ	A_Z μ	Δ km.	Remarks.
	1926								
127	Oct. 1	eP	22 19 02	6	1			2520 (22.7°)	
		eS	23 01	12					
			23 20	18	31				
		eL	25.0	18					
		MN_1	26 37	16	22				
		MZ_1	28 08	15			13		
		ME_1	28 12	15		48			
		MN_2	28 56	16	17				
		ME_2	29 30	12		28			
		MN_3	30 09	12	22				
		ME_3	31 53	12		25			
		MN_4	33 33	12	13				
		ME_4	37 06	12		14			
		F	23 25						h m s
128	" 3	iP	19 42 10	4	+	+		1880 (16.9°)	C, 19 38 12
		i	42 31	4	-320	+130			
			42 39	4	220	87			No Z.record, friction present
		eS	45 21	8	37	21			
		eL	46.1	?					
		ME_1	46 17	15		1840+			
		ME_2	46 29	15		1840+			
		MN_1	46 40	16	1510				
		ME_3	46 58	16		2210+			After ME3 EW component deranged.
		MN_2	47 06	14	1440+				
		MN_3	47 43	14	1510+				
		MN_4	48 04	14	1510+				
		MN_5	48 42	12	1100+				
		MN_6	50 43	10	440				
		MN_7	52 42	10	390				
		MN_8	54 06	10	420				
		MN_9	55 38	10	320				
		MN_{10}	56 50	10	375				
		MN_{11}	58 18	10	380				
		MN_{12}	59 18	11	470				
		MN_{13}	20 00 08	10	270				
		MN_{14}	02 44	12	360				
		MN_{15}	05 55	12	380				
		MN_{16}	07 42	12	370				
		MN_{17}	09 55	12	220				
		MN_{18}	11 40	14	290				
		MN_{19}	18 46	10	160				
		MN_{20}	20 53	10	200				
		MN_{21}	23 09	10	170				
		MN_{22}	25 16	10	140				

(Continued on next sheet.)

RIVERVIEW COLLEGE OBSERVATORY,

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN.

No.	Date.	Phase.	Time (*Greenwich*) h. m. s.	Per. s.	Amplitude. A_N μ	A_E μ	A_Z μ	Δ km.	Remarks.
	1926								
128 (cont.)	Oct. 3	CN	20 36 29	10	70				
		CN	38 56	10	57				
		CN	40 31	10	64				
		CN	43 57	11	55				
		CN	47 25	10	27				
		CN	55 25	12	48				
		CN	57 06	12	32				
	W_2 series	eW	22 39.3	20					NS? component deranged after 07. Both components started again at 22h.
		MN	41 21	20	8				
		ME	43 23	20		6			
		ME	45 40	20		8			
		MN	45 51	20	8				
		ME	57 15	20		8			
	4	F	00 50						
129	" 5	e	15 10.5	19					
		e	11.4	19					
		e(L?)	32.0						
		MN	33 58	17	5				
		ME	36 14	18		2			
		MN	37 56	12	4				
		ME	38 11	13		9			
		MN	43 13	13	4				
		ME	44 13	13		4			
		F	16 40						
130	" 5	e?	22 42.8						
		eL	52.1	22					
		MN	58 26	13	3				
		ME	58 46	15		5			
		F	23 30						
131	" 7	eP	0 53 45					2380	h m s 0, 0 48 51
		eS	57 35	10	2	3		(21.4°)	
		eL	59.5	23					
		MN	1 00 58	13	4				
		ME	01 21	18		11			
		ME	02 41	15		4			
		MN	03 45	12	4				
		MN	05 31	12	4				
		ME	06 03	13		3			
		F	1 30						
132	" 7	e	7 19.1						
		e	24.9						
		ME	28 09	13		10			
		MN	29 15	12	5				
		ME	29 21	13		5			
		MN	30 24	12	4				
		ME	32 41	12		4			
		MN	33 10	12	3				
		MN	35 15	13	4				
		ME	35 28	13		3			
		F	7 50						

(Continued on next sheet.)

No.

RIVERVIEW COLLEGE OBSERVATORY,

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN.

No.	Date.	Phase.	Time (*Greenwich*)	Per.	Amplitude.			Δ	Remarks.
					A_N	A_E	A_Z		
	1926		h. m. s.	s.	μ	μ	μ	km.	h m s
133	Oct. 13	eP	0 16 45	4	1	½		2510	0, 0 11 36
		eS	20 43	8				(22.6°)	
		eL	23.2	18?					
		MN_1	27 12	13	7				
		ME_1	29 17	16		10			
		MN_2	31 14	13	7				
		ME_2	32 15	12		6			
		MN_3	35 14	13	8				
		F	1 30						
134	" 13	eP?	6 15 14					9180?	
		eS	25 38	10	2				
		SR_1	32 21	16	12				
		eL_1	44.2	22					
		MN_1	47 54	24	28				
		MZ_1	28 23	24			16		
		ME_1	49 45	24		27			
		ME_2	53 49	20		12			
		MN_2	54 18	20	19				
		MZ_2	55 01	21			13		
		MN_3	7 02 24	20	19				
		ME_3	05 25	20		13			
		MN_4	07 06	19	10				
		ME_4	12 16	20		13			
		F	8 40						
135	" 13	eP?	14 31 10					9160?	
		eS	41 33	6	1	2			
		eL	59.2	?					
		MN_1	15 03 02	20	11				
		ME	04 10	20		4			
		MN_2	09 51	22	14				
		F	lost in no. 136.						
136	" 13	e	16 00.2						
		eL	04.9	16					
		ME	05 25	14		8			
		MN	06 14	12	5				
		F	17 00						h m s
137	" 13	eP	19 21 10	4				9190	0, 19 08 43
		eS	31 39	6	2	1		(83.6°	
			32 00	6	11	4			
		eL(E)	45.6	32					
		eL(F)	50.6	32					
		MN_1	52 18	24	22				
		MZ_1	53 20	24			16		
		MN_2	53 40	26	28				
		ME_1	54 25	24		26			
		MZ_2	56 28	21			25		
		MN_3	57 23	18	15				
		ME_2	57 41	18		13			
		MN_4	20 01 03	18	15				
		MZ_3	04 52	18			18		
		ME_3	05 41	18		20			
		MN_5	07 12	18	16				
		ME_4	08 10	18		17			
		ME_5	13 25	18		24			
		F	22 30						

(Continued on next sheet.)

RIVERVIEW COLLEGE OBSERVATORY,

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN.

No.	Date.	Phase.	Time (Greenwich) h. m. s.	Per. s.	Amplitude. A_N μ	A_E μ	A_Z μ	Δ km.	Remarks.
	1926								
138	Oct.14	e?	11 12.2						
		ME_1	21 49	14		4			
		MN	23 11	12	3				
		ME_2	23 31	12		3			
		F	11 35						
139	" 17	e	7 57.2						
		eL	8 00.6	20					
		ME_1	02 16	12		8			
		MN_1	02 50	12	3				
		ME_2	03 13	12		14			
		MN_2	04 04	12	5				
		F	8 30						
140	" 19	e?	1 06.8						
		ME_1	10 31	13		3			
		MN_1	11 06	13	3				
		ME_2	12 09	12		3			
		MN_2	14 17	12	2				
		F	1 40						
141	" 19	eP	6 31 54	4	1			1820 (16.4°)	h m s 0, 6 28 02
		eS	35 00	5					
		eL	36.0	20?					
		ME_1	36 19	12		4			
		MN_1	36 50	12	3				
		ME_2	37 29	12		3			
		ME_3	39 42	10		3			
		MN_2	40 43	11	2				
		F	7 05						
142	" 25	e?	8 41.7						
		eL	42.7	14					
		ME	45 23	10		2			
		F	8 55						
143	" 26	eP	2 14 16	4				1140 (10.3°)	
		eS	16 15	8					
		SR_1	16 31	8	3	8			
		eL	17.3	16					
		ME	19 31	16		21			
		MN	19 43	16	22				
		F	2 45						
144	" 26	iP	3 51 13	8	-20	+6	+	3490 (31.4°)	Condensation. Azimuth, (computed from iP): N. 17° W. hence, computed: φ, 4° S. λ, 142° E.
			51 23	8	26	14	42		
		PR_1	51 56	8	15	7	6		
		PR_2	52 28	8	59	28	42		
		PR_3	52 41	8	49	27			
		S	56 17	10	46	32			
			56 36	10	180	66	9		
		eL	4 00.3	?					h m s 0, 3 44 33
		ME_1	01 10	8		270			
		ME_2	01 31	8		530+			
		MZ_1	02 27	8			440		
		MZ_2	02 57	8			530		NS, EW components deranged from 4h.02m. to 4h.52m
		MZ_3	03 27	6			220		
		MZ_4	04 33	6			180		
		MZ_5	05 10	12			2230		
		MZ_6	05 50	8			410		
		MZ_7	07 02	7			220		
		MZ_8	07 57	7			200		

(Continued on next sheet.)

RIVERVIEW COLLEGE OBSERVATORY,

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN.

No.	Date.	Phase.	Time (*Greenwich*) h. m. s.	Per. s.	Amplitude. A_N μ	A_E μ	A_Z μ	Δ km.	Remarks.
	1926								
144 contd	Oct.26	CZ_1	4 24 30	12			110		
		CZ_2	32 18	12			29		
		CZ_3	37 21	12			30		
		CE_1	52 26	10		33			
		CE_2	53 26	13		65			
		CN_1	53 47	12	32				
		CE_3	56 07	12		36			
		CN_2	56 40	10	41				
		CE_4	58 18	12		40			
		CN_3	59 31	11	30				
		CE_5	5 01 53	12		42			
		CN_4	04 37	12	30				
		CE_6	06 09	14		14			
		CN_5	08 54	12	28				
		F	lost in	No.145					
145	" 26	eL	6 04.3	20					Aftershock of No.144
		ME_1	06 32	10		21			
		MN_1	06 40	10	20				Very difficult
		ME_2	08 03	12		33			to analyse.
		MN_2, MZ	08.7	13	67		34		
		MN_3, ME_3	10.4	16	36	26			
		F	lost in	No.146					
146	" 26	i	6 17 15	6	10	5			Aftershock of 144.
		S?	21 32	8?					Very difficult.
			21 58	24	39				
		e(L?)	25.3	?					
		$MN_1?ME_1$	27.4	6	45	52			
		MN_2, ME_2	28.3	8	72	130			
		MN_3, ME_3	29.3	10	87	130			
		MN_4	30 05	12	280				
		ME_4	30 13	11		135			
		MN_5	31 06	10	95				
		ME_5	31 46	10		170			
		MN_6, MZ_1	32.1	10	100		160		
		ME_6	33 09	10		84			
		MZ_2	35 00	11			60		
		MN_7	35 10	10	87				
		MZ_3	37 27	11			50		
		CN_1	42 57	10	25				
		CE_1	43 30	10		22			
		CE_2	46 46	10		c"			
		CN_2	48 05	10	18				
		CN_3	51 02	12	17				
		CE_3	51 42	12		10			
		F	8 05						

(Continued on next sheet.)

RIVERVIEW COLLEGE OBSERVATORY,

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN.

No.	Date.	Phase.	Time (*Greenwich*) h. m. s.	Per. s.	Amplitude. A_N μ	A_E μ	A_Z μ	Δ km.	Remarks.
	1926								
147	Oct.26	e(P?)	8 42 15	4					Aftershock of 144.
		e(S?)	47 05						
		MN_1 ME_1	52.7	5	53	73			
		MZ_1	52 48	5			13		
		MN_2	53 00	5	40				
		ME_2 MZ_2	53;2	4		48	17		
		MN_3	53 42	4	36				
		ME_3	54 55	8		48			
		MN_4 MZ_3	55.6	12	120		50		
		ME_4	57 19	10		47			
		F	10 00						
148	" 26	eP	14 22 30					3710	" " "
		eS	27 48	6	3	2		(33.4°	
		eL	31.6	20?					
		MN_1.ME_1	33.6	4	30	48			
		ME_2	33 57	4		68			
		MN_2	34 04	4	45				
		MN_3	36 26	6	50				
		MZ,MZ_3	36.6	6		31	5		
		ME_4	38 18	8		33			
		MN_4	39 04	6	26				
		CE_1	53 44	12		4			
		CN_1	54 07	14	9				
		CN_2	58 23	12	6				
		CE_2	15 02 14	12		3			
		F	16 10						
149	" 27	eP	0 00 11					2220	
			01 03	4		10		20.0°)	
		eS	03 40						
			03 46	14		26			
		eL	05.2	24					
		ME_1	05 42	11		5			
		MN_1	06 01	16	17				
		MN_2,ME_2	08.1	16	14	8			
		F	0 35						
150	" 27	e	1 01.2						
		M	05 34	10		1			
		F	lost in	No.151.					
151	" 27	e	1 10.2						
		MN_1	11 59	6	7				
		ME	12 23	12		14			
		MN_2	14 35	8	3				
		F	1 35						
152	" 27	e	4 43.4	4					
		e	43.8	4					
		e(L?)	45.8	18					
		MN	46 38	11	4				
		ME	48 00	12		3			
		F	lost in	No.153.					
153	" 27	e	4 53.3	4					
		MN	54 39	14	3				
		ME	55 23	12		2			
		F	lost in	No.154.					

(Continued on next sheet.)

RIVERVIEW COLLEGE OBSERVATORY,

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN.

No.	Date.	Phase.	Time (*Greenwich*) h. m. s.	Per. s.	Amplitude. A_N μ	A_E μ	A_Z μ	Δ km.	Remarks.
	1926								
154	Oct.27	e(P?)	5 05 18					3900?	
		e(S?)	10.8	4					
		e(L?)	15.8	14					
		ME_1	16 49	6		15			
		MN_1	18 32	8		13			
		MN_2	19 22	10	37				
		MZ_1	20 27	12			22		
		ME_3	20 50	10		18			
		MN_2	22 25	10	16				
		MZ_2	25 09	12			7		
		F	6 19						
155	" 27	e	9 39.3	4					
			40 00	4		6			
		MN_1, ME_1	42.7	10	7	5			
		ME_2	43 57	12		4			
		MN_2	50 07	16	5				
		F	10 10						
156	" 27	e	12 01.3						
		ME_1	04 18	12		1			
		MN_1	05 23	14	4				
		MN_2	06 21	10	3				
		ME_2	07 22	10		3			
		F	lost in No.157.						
157	" 27	e	12 23.8	4					
		ME	28 21	12		3			
		MN	29 35	12	2				
		F	12 50						
158	" 27	e	20 11.7						
		e(S?)	15.3	6		2			
		MN_1	17 52	12	8				
		ME_1	18 07	12		1			
		MN_2, ME_2	20.2	10	2	2			
		F	21 05						
159	" 28	e?	1 12.5						
		e(S?)	15.3						
		eL	17.8	26					
		ME_1	19 15	12		22			
		MN_1	18 32	12	17				
		MN_2, MZ_1	21.4	13	28		17		
		ME_2	21 50	12		17			
		ME_3, MZ_2	23.5	12		16	7		
		MN_3	26 10	12	12				
		ME_4	26 17	12		10			
		F	2 25						
160	" 29	e	0 16.4						
		eS	22 17	6		2			
		eL	24.5	20					
		ME_1	25 27	15		11			
		MN_1	25 55	16	10				
		ME_2	27 20	12		6			
		MN_2	28 33	11	3				
		F	0 55						

No. 11

1926, November.

Riverview College Observatory

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN

ϕ = 33° 49′ 49″ S. λ = 151° 9′ 30″ E. h = 41·9 m. Foundation: Triassic sandstone.

INSTRUMENTS:

1. Wiechert Astatic Pendulum Seismometer (1000 kilo.) (NS, EW)
2. Wiechert Vertical Seismometer (80 kilo.)
3. Mainka Conical Pendulum Seismometer (450 kilo.) (NS, EW)
4. **Galitzin Aperiodic Seismometer, with galvanometer registration (NS, EW, Vert.)**

		V	T_o	ϵ:1	$\frac{r}{T_o^2}$
A_N	(1)	153	7.6	4.6	0.02
	(3)	119	8.3	3.9	0.02
A_E	(1)	151	7.6	5.2	0.02
	(3)	142	9.2	2.4	0.04
A_Z	(2)	55	5.4	3.7	0.04

No.	Date.	Phase.	Time (*Greenwich*) h. m. s.	Per. s.	Amplitude. A_N μ	A_E μ	A_Z μ	Δ km.	Remarks.
	1926								
161	Nov. 1	e?	1 55.3						
		e(PPS?)	2 09 58						
		e(SR_1?)	13 18	16					
		e(SR_2?)	19 19	20					
		e(SR_3?)	22 34	20					
		eL	29.3	28					
		ME_1	39 08	16		3			
		MN_1	39 15	16	3				
		MN_2	42 12	16	3				
		ME_2	47 10	16		3			
		ME_3	51 37	20		4			
		MN_3	54 26	18	4				
		F	4 55						
162	" 1	e	10 10.8						
		MN,ME_1	12 43	18	6	10			
		ME_2	13 27	18		7			
		F	10 25						
163	" 2	eP?	16 14 02					3680?	
		e(S?)	19.3						
		eL	22.5	18					
		MN_1,ME_1	23.4	14	28	36			
		ME_2	24 04	14		21			
		MN_2	25 27	14	15				
		MN_3	28 23	14	6				
		ME_3	30 04	14		6			
		F	17 30						
164	" 3	e	18 48.0						
		MN_1	53 05	12	1				
		ME	56 24	15		5			
		MN_2	58 52	16	2				
		MN_3	19 04 43	12	4				
		F	19 50						
165	" 4	e?	6 30.4						
		e(L?)	40.3						
		MN	44 27	10	1				
		ME	44 39	10		1			
		F	7 05						
166	" 5	eP	8 14 53						Nicaragua.
		ePR_1	16 34						
			23 05	14		15			
		PS	26 05	14		11			
			27 52	16		13			
		eSR_1	33 25	38					
			33 46	38	24	32			
		eSR_2	37 34	20					
			37 44	20		16			

(Continued on next sheet.)

RIVERVIEW COLLEGE OBSERVATORY,

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN.

No.	Date.	Phase.	Time (*Greenwich*) h. m. s.	Per. s.	Amplitude. A_N μ	A_E μ	A_Z μ	Δ km.	Remarks.
	1926								
166	Nov. 5	eSR_3	8 41 52	16					
(cont.)			,42 00	16	5				
		eL	52.9	28					
		ME_1	56 06	25		25			
		ME_2	59 25	20		8			
		ME_3	9 01 46	20		13			
		MN_1	01 57	20	8				
		MN_2	06 12	20	12				
		ME_4	07 48	20		13			
		MN_3	10 22	20	8				
		MN_4	16 28	16	8				
		ME_5	18 32	16		9			
		MN_5	22 15	16	5				
		ME_6	24 33	16		8			
		ME_7	32 52	14		4			
M	series	eM_2	10 01.3	24?					
		ME_1	04 29	20		6			
		MN_1	08 51	20	8				
		ME_2	09 44	20		13			
		ME_3	18 10	18		5			
		F	11 30						
167	" 6	eP	9 25 43					2980	
		eS	30 13	10	18	5		(26.8°)	
			30 27	10		9			
			30 36	10	60				
		eL	33.5	20					
		MN_1, ME_1	35.4	14	19	21			
		MN_2, MZ_1	37.4	10	15		2		
		ME_2	37 57	10		30			
		MZ_2	40 23	10			2		
		MN_3	41 27	12	23				
		MZ_3	44 23	11			3		
		ME_3	45 21	11		26			
		F	lost in No. 168.						
168	" 6	e(P?	9 59 14					2870?	
		eS	10 03 3?	9	4				
			04 03	9	25				
			04 0?	9		6			
			05 51	10		14			
		eL	06.9	22					
		MN_1, MZ_1	08.6	16	10		15		
		ME_1	08 42	14		19			
		MN_2	10 19	10	13				
		ME_2	10 43	10		12			
		MN_3, MZ_2	11.4	10	13	3			
		F	lost in No. 169.						
169	" 6	e(P?	10 16.4						
			20 03	9	14				
			21 24	10	16	19			
		e(L?	24.4	20					
		MN_1, MZ_1	25.0	14	20		23		
		ME_1	25 12	10		21			
		MN_2	26 23	10	28				
		MZ_2	26 47	10			5		
		MN_3	27 21	9	16				
		ME_2	28 52	10		21			
		F	12 30						

(Continued on next sheet.)

RIVERVIEW COLLEGE OBSERVATORY,

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN.

No.	Date.	Phase.	Time (*Greenwich*) h. m. s.	Per. s.	Amplitude. A_N μ	Amplitude. A_E μ	Amplitude. A_Z μ	Δ km.	Remarks.
	1926								
170	Nov. 7	e	16 08.5						
		e(S?)	13.4						
		eL	15.5	15					
		ME_1	19 21	6		22			
		MN_1	19 31	6	13				
		MN_2	20 31	5	13				
		MZ	20 45	?					
		ME_2	21 09	6		14			
		MN_3	23 04	6	7				
		ME_3	23 29	6		11			
		F	17 10						
171	" 8	e(P?)	13 54 18					150?	
		e(S?	56.3						
		eL	56.9	12					
		ME	58 21	7		3			
		MN_1	58 35	7	2				
		MN_2	59 17	6	3				
		F	14 15						
172	" 9	e?	4 18.5						
		e(L?)	21.1	?					
		MN	23 29	16	3				
		ME	25 18	?					
		F	4 45						
173	" 12	e?	6 50.1						
		eL	54.8	16					
		ME_1	55 24	10		3			
		MN_1	56 03	10	1				
		ME_2	56 54	10		2			
		MN_2	58 26	10	2				
		F	7 10						
173a	" 17	e(L?)	1 08.4	16					
		MN_1	15 33	12	3				
		MN_2	17 28	13	5				
		F	1 50						
174	" 17	e?	8 54.4						
		e(L?)	56.7	18?					
		MN	57 48	12	8				
		MB	57 54	12		8			
		F	9 20						
175	" 19	eP	0 50 39	4				3190?	
		S?	55.4	8?					
		eL	59.0	20					
		MN_1	1 01 08	16	5				
		ME_1	01 28	16		8			
		MN_2	03 13	10	3				
		ME_2	03 59	10		2			
		MN_3	08 06	10	3				
		F	1 30						
176	" 23	e	3 13.0	4					
		MN	20 26	10	2				
		ME	23 28	11		2			
		F	3 50						
177	" 27	eS	5 36 20	6	2	3			
		eL	40.5	20					
		MN_1	46 45	16	7				
		ME_1	47 09	16		7			
		MN_2	48 58	18	10				
		MN_3	51 32	18	13				
		ME_2	53 20	18		14			
		F	6 45						

1926, December.

Riverview College Observatory

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN

ϕ = 33° 49′ 49″ S. λ = 151° 9′ 30″ E. h = 41·9 m. Foundation: Triassic sandstone.

INSTRUMENTS:

1. Wiechert Astatic Pendulum Seismometer (1000 kilo.) (NS, EW)
2. Wiechert Vertical Seismometer (80 kilo.)
3. Mainka Conical Pendulum Seismometer (450 kilo.) (NS, EW)
4. **Galitzin Aperiodic Seismometer, with galvanometer registration (NS, EW, Vert.)**

		V	T_o	ϵ:1	$\frac{r}{T_o^2}$
A_N	(1)	153	7·6	4.6	0.02
	(3)	119	8.3	3.9	0.02
A_E	(1)	151	7.6	5.2	0.02
	(3)	142	9.2	2.4	0.04
A_Z	(2)	55	5.4	3.7	0.04

No.	Date.	Phase.	Time (*Greenwich*) h. m. s.	Per. s.	Amplitude. A_N μ	A_E μ	A_Z μ	Δ km.	Remarks.
	1926								
178	Dec. 2	e?	8 28.4						
		e	35.1	8					
		eL	45.6	18					
		ME_1	51 38	18		7			
		MN_1	53 52	16	5				
		ME_2	54 36	16		7			
		ME_3	59 27	16		5			
		MN_2	59 33	14	4				
		F	9 40						
179	" 3	eP	22 47 40	5		2		2480	
		iS	51 36	6	3	4		(22.3°)	
			51 54	6	8	20			
		eL	53.3	20					
		ME_1	54 08	18		14			
		MN_1	55 34	16	15				
		ME_2, MZ	56.3	15		15	5		
		MN_2	57 08	14	11				
		ME_3	58 24	14		6			
		MN_3	59 02	14	6				
		F	lost in No. 180.						
180	" 3	e(P?)	23 43 28					1840?	
		eS	46 37	6					
		eL	49.5	20					
		MN_1	51 14	14	11				
		ME_1	51 26	14		10			
		ME_2	53 30	12		11			
		MN_2	56 34	16	7				
	" 4	F	00 55						
181	" 11	e	17 42.6						
		eL	44.7	18					
		ME	46 56	16		3			
		MN	47 12	14	4				
		F	18 10						
182	" 14	beP	17 17 25	4				3940	
		eS	22 57	10				(35.5°)	
		eL	27.8	16					
		MN_1	28 33	6	14				
		ME_1	29 22	6		11			
		MN_2	29 29	6	29				
		MN_3, ME_2	31.9	6	18	14			
		ME_3	33 33	6		12			
		MN_4	33 54	6	13				
		ME_4	36 18	6		13			
		F	18 50						

(Continued on next sheet.)

RIVERVIEW COLLEGE OBSERVATORY,

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN.

No.	Date.	Phase.	Time (*Greenwich*) h. m. s.	Per. s.	Amplitude. A_N μ	A_E μ	A_Z μ	Δ km.	Remarks.
	1926								
183	Dec.15	eP?	23 28 22					4400	
		eS?	34.4						
		eL	38.4	22					
		MN_1	40 28	12	13				
		ME_1	40 40	12		14			
		MN_2 ME_2	43.6	12	13	14			
		MZ	43x37	12			12		
		i	47 38	5		9			
		F	lost in No.184,						
184	" 16	eP?	0 27 24						
			38 24	12	4				
		eL	39.7	24?					
		ME_1	41 16	16		8			
		ME_2	42 35	16		18			
		MN_1	44 27	12	4				
		MN_2	48 24	12	4				
		F	1 25						
									h m s
185	" 25	eP	6 50 54	?				3240	0, 6 44 35
		eS	55 42	10?				(29.2°)	
		eL	57.9	22					
		ME_1	7 01 59	16		170			
		MN_1	02 19	14	82				
		MZ_1	03 01	14			35		
		ME_2	03 27	15		160			
		MN_2	03 49	15	140				
		MZ_2	04 31	14			92		
		MN_3	04 38	13	120				
		ME_3	04 50	13		170			
		MN_4, MZ_3	05 57	14	120		80		
		ME_4	06 44	14		140			
		MN_5	07 29	9	32				
		ME_5	08 15	9		39			
		ME_6	09 17	9		31			
		MN_6	10 33	8	17				
		ME_7	12 13	12		22			
		MN_7	13 54	13	21				
		ME_8	14 30	10		18			
		F	9 20						
									h m s
186	" 25	iP	15 50 29	3	-2	+3	+	3640	0, 15 43 37
		iS	55 43	4	-6	-6		(32.8°	
		PS	55 49	4	7	8			
		i(L?)	59 00	?					
			59 26	6	6	8			
		MN_1	16 01 34	8	2				
		ME_1	03 27	7		2			
		ME_2	05 27	10		2			
		MN_2	06 05	8	1				
		MN_3	09 51	14	2				
		F	15 15						

(Continued on next sheet.)

RIVERVIEW COLLEGE OBSERVATORY,

SYDNEY, N.S.W.

SEISMOLOGICAL BULLETIN.

No.	Date.	Phase.	Time (*Greenwich*) h. m. s.	Per. s.	Amplitude. A_N μ	A_E μ	A_Z μ	Δ km.	Remarks.
	1926								
187	Dec. 27	eS	9 03 27						
		eL	14.9	18?					
		MN_1	16 34	16	3				
		ME_1	16 58	16		2			
		ME_2	18 27	16		3			
		MN_2	19 01	16	3				
		ME_3	21 16	16		2			
		MN_3	22 19	16	2				
		F	lost in No. 188.						
188	" 27	eS	9 41 05	?					
		eL	51.4	18					
		MN_1, ME_1	53 17	17	5	4			
		MN_2, ME_2	55 35	18	4	5			
		ME_3	59 32	16		5			
		MN_3	59 47	16	4				
		ME_4	10 02 50	16		3			
		F	10 50						
189	" 31	e	1 15.0	4					
		MN	17 47	12	3				
		F	1 40						