

EARTHQUAKE REPORTS, NEW ZEALAND AND FIJI.

Register from: Dominion Observatory, Wellington, and Suva, Fiji.
1927 January

Date	Phase	Time			Period s.	Amplitude		Distance in degrees	Remarks
		G.	M.	T.		AE	AN		
1927		h	m	s		u	u		
<u>Suva</u>									
Jan. 21	P	8	56.1					14.0	
	iS		58.8						
	eL	9	00.5						
<u>Wellington</u>									
24	O	1	05	28				23.8	(E-W)
	iP		10	54	3	5.9			
	iPR ₂		11	32	5				
	iS		15	08	10	177			L lost in overlap of paper.
	M		18	15	20	>2550			
	M		20	15	18	>2080			
	M		22	45	13	>1230			Felt at Vila, New Hebrides, with damage to buildings. Apparent origin, Ambrym Island. (reported by cable)
	M		24	33	14	810			
	M		26	00	13	810			
	M		28	05	16	1350			
	M		34	15	13	330			
	iL _{ma}	4	06	40		s			
	O	1	05	24				24.0	(N-S)
	iP		10	52	5		12.9		Azimuth. N-24° 36'W = 335° 24'.
	m		11	55	4		48		Epicentre approx.: 9°S-164.5E.
	iS		15	08					New Hebrides.
	m		15	58	18		580		
	iL		17	55					
	M		18	00	22		2100		
	M		21	40	17		1100		
	M		24	55	15		970		
	M		26	50	13		550		
	M		28	15	12		300		
<u>Suva</u>									
	O	1	05.9					9.1	
	iP		08.2						
	iS		10.0				mms		
	ME		11.0				20		
	ME		15.2				24		
<u>Wellington</u>									
24	eP	6	47	40				23.2	(E-W)
	iS		51	50					Epicentre same as that of previous shock.
	m		53	05	10	65			
	iL		54	07					
	M		56	25	15	170			
	M	7	01	05	15	160			
	M		04	35	12	120			
	xO	6	42	08				23.9	(N-S)
	iP		47	35					
	xiS		51	50					
	iL		54	10					
	L1		57	15					
	M		58	30	15		110		
	L2		59	42					
	M	7	00	20	14		80		
	L3		02	50					
	M		03	25	12		60		
	O	6	42	34				23.4	(E-W)
	iP		47	55					This quake is a repetition of the previous quake, succeeding it by about 16secs. and is the more intense of the two. As the L waves of the two quakes are superimposed, the amplitudes represent their combined effects.
	iS		52	07					
	iL		54	30					

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Date 1927	Phase	Time G. M. T.			Period s.	Amplitude		Distance in degrees	Remarks
		h	m	s		AE u	AN u		
Jan. 26	e	5	05						Probably a repetition of previous quake.
	e	5	02.7						DT unknown.
	e		06.5						
26	O	11	06	00				26.7	
	eP		11	55					
	i		13	00					Epicentre, New Hebrides.
	eS		16	35					Near that of previous quake.
	i		16	55					
	SR ₁		17	25					
	eL		21	+					
	M		25	55	15		37		
	P	11	08.0					16.3?	DT unknown.
	iS		11.1						Phases doubtful.
	iL		12.4						
26	O	15	36	15				23.9	(E-W)
	iP		41	42					
	PR ₁		42	05					Epicentre, New Hebrides.
	PR ₂		42	15					Near that of previous quake.
	iS		45	57					
	m		47	55	12		55		
	iL		48	28					
	M		50	30	17		170		
	M		56	15	13		110		
	M		58	45	13		84		
	O	15	36	19				23.5	(N-S)
	P		41	42					
	eS		45	54					
	iSR ₁		46	42					
	L		48	20					
	M		50	55	15		67		
	M		54	45	14		79		
	M		55	55	13		54		
	O	15	36.0					10.1	1.5 minutes added to these Suva times.
	iP		38.5						
	iS		40.5						
	iL		41.5						
	M		42.7				11		
	M		44.9				12		
27	e	16	03	+					
27	PR ₁	18	22	25				(24)	Appears to be from same origin as previous quakes.
	iS		26	15					Epicentre near that of previous quakes.
	L		27	55					
	e	18	16.7					(10)	
	eS		18.7						
28	e	18	55	+					
	e	18	48.8						New Hebrides.
	eS		51.3						
	eL		52.5						

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Date	Phase	G. M. T.			Period s.	Amplitude		Distance in degrees	Remarks
		h	m	s		AE u	AN u		
1927 January					<u>Wellington</u>				
29	eS e	13	09	12					New Hebrides.
			11	+					
			<u>Suva</u>						
	e	13	04.5						
29	e e eL	15	34	05	<u>Wellington</u>				New Hebrides.
			37	40					
			42	+					
			<u>Suva</u>						
	e e eL	15	30.5						
			33.9						
			34.7						

NOTE:

Comparison is interesting of the above series of 15 quakes from the New Hebrides Islands, with the two similar series from the same region occurring at the same time of the year in 1925 and 1926; viz:- from Feb. 9th.-21st., 1925, (8 quakes recorded at Wellington) and from Jan.25th.-Feb.7th., 1926, (6 quakes recorded at Wellington).

<u>Wellington</u>										
29	iS eL M	19	00	44						(82)
			18							
			27	45	16	18				

Notes on the "International Seismological Summary"
for 1923 July-August-September.

We wish to call attention to some misquotation and apparent misunderstanding of the records of the Suva seismograph reported in our bulletins together with the Wellington readings.

July 4d 22h 54m 55s

The Suva readings are here reported as being the Wellington readings; and as these readings are apparently the main evidence used in determining the epicentre, the latter is obviously incorrect.

July 7d 12h 46m 40s.

The Suva readings ($D = 1.4$) are again reported as Wellington readings. This places the epicentre incorrectly near Wellington, while 10 minutes have to be added to the Apia readings. This quake was felt in Suva. Hence the following solution is suggested, the Apia readings remaining untouched:-

<u>July 7d 12h 46m 40s</u>										
	Delta		P		O-C	S		19°S - 179°E		
			m.	s.	s.	m.	s.	O-C	L	M
Suva	1.3	i	0	20	0	i	0 38	+2	-	1.3
Apia	10.3	e	2	20	-14					5.3
Wellington	22.3					i	8 44	-27		
River-view	29.5	e	4	38	?	e	11 48	+22		14.0
Honolulu	46.6		12	44	?PR ₂		16 02	+26	17.5	?SH ₁ -
Zi-Ka-Wei	75.0	e	13	14	+85					

Notes on the "International Seismological Summary"
for 1923 July-August-September.

July 12d 3h 15m 30s. and 12d 9h 13m 40s Epicentre 16°5S-180°0
The Suva readings are incorrectly quoted as "Near Wellington" -
"readings at 3h and 9h".

As Suva is the nearest Station to the epicentre, the most valuable figures of all have been disregarded. We therefore quote them below -

As the times were not strictly reliable then, they have been adjusted to bring the initial phases into line with the other stations, see note on Suva times:-

July 12d 3h 15m 30s.

	Diff.	P		O-C		S		O-C	L	M
		m	s	s	m	s	s	s	m	m
Suva	2°3	i	0 36	0	i	1 24	+21	-	-	2.3

July 12d 9h 13m 40s.

Suva	2°3	i	0 36	0	i	1 30	+27	-	-	2.1
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From consideration of these readings the epicentre would appear to be
August 5d 1h 10m 00s. (be about 490 from Suva.)

Here, as on 1921 June 28, the epicentre is placed immediately beneath Auckland. No quake, however, was reported to have been felt in that locality, which would certainly have been the case if the above epicentre is correct; while a detailed study of the local evidence (isoseismal lines etc.) of the quake of 1921 June 28, places the epicentre near 39°8S - 175°E.

A small tremor very much confused by microseisms appears on the Wellington seismogram for Aug. 5d 1h+.

The following readings have not been included in the summary:-

1923 July 16d 13h 38m 25s.

	Diff.	P		O-C	S		O-C	L	M
		m	s	s	m	s	s	m	m
Wellington	26°	e	5 05	+73	e	7 05	+10	i	11.9 12.8
Suva	9°5	i	2 25	+2	i	4 31	+15	i	6.4 7.1

(80 secs. added to Suva times)

July 22d 14h 17m 54s.

Wellington	95°	-----	i [S] ?	-	i	24 24	-42	i	45.5 48.0
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Additional readings:-

ePR ₁	17m 12s	eSR ₁	30m 54s
ePR ₂	19m 12s	eSR ₂	35m 12s

1923 August 11d 0h 54m 15s.

	Diff.	P		O-C	S		O-C	L	M
		m	s	s	m	s	s	m	m
Wellington	68°	---	---	-	e	20 21	+19	e	29.6 33.0

Additional readings:-
e+13m 45s
e+24m 15s

1923 August 17d 12h 10m 25s.

	Diff.	P		O-C	S		O-C	L	M
		m	s	s	m	s	s	m	m
Suva	37°	e	5 59	-91	e	12 23	-60	e	15.2 19.0
Wellington	44°5	---	---	-	e	13 41	-88	e	18.9 22.9

Additional readings - Suva
m s
e+ 9 41
e+10 47
e+13 59
e+17 59
Wellington e+16 23

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		G.	M.	T.		AE μ	AN μ		
1927		h	m	s					
<u>Wellington</u>									
February									
4	O	2	49	30				25.5	(E-W)
	iP	2	55	13					Epicentre New Hebrides. Commencement of L waves could not be disting- uished.
	PR ₁		55	28					
	PR ₂		55	52					
	i		56	18					
	eS		59	43					
	M	3	01	32	10			11.5	Recorded at Apia.
	M		08	57	13				
	O	2	49	29					(N-S)
	iP		55	12					
	PR ₁		55	36					
	PR ₂		55	45					
	i		56	03	6	42			
	eS		59	43					
	M	3	08	28	12	48			
	M		08	58	13	96			
<u>Suva</u>									
	O	2	50.4					8.0	(E-W)
	P	2	52.4						
	S		54.0						
	L		54.6			mm			
	M		55.4			5.5			
	O	2	50.6						(N-S)
	P	2	52.6						
	S		54.4						
	L		54.9			mm			
	M	3	00.3			4.0			
<u>Wellington</u>									
4	e	16	06	37					Feeble distant shock.
6	e	6	41						(E-W)
	e		45	30					
	M		50		17	30			
	e	6	41	18					(N-S)
	e		46	00					
	M		52	-	16				
<u>Suva</u>									
	e	6	41.7						Time uncertain. (E-W).
	i		45.0						
	eP	6	41.6						(N-S)
	i		44.8						
6	i	21	30.0						(E-W)
	i		32.8						
	i	21	30.0						(N-S)
<u>Wellington</u>									
6	e	23	49	46+					Very small sinusoidal waves. (E-W)
<u>Suva</u>									
7	e	4	04.5						(E-W)
	e	4	04.5						(N-S)

1927 - No.9

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1927 February

Date	Phase	Time			Period	Amplitude		Distance in degrees	Remarks
		G.	M.	T.		AE	AN		
1927		h	m	s	s	μ	μ		
						<u>Suva</u>			
Feb. 7	e	19	38.1						(E-W)
	e	19	43						(N-S)
8	O	9	32.8					6	(E-W)
	P		34.3						
	iS		35.4			mm			
	M		35.7			1.0			
	O	9	32.9						(N-S)
	P		34.4						
	iS		35.6			mm			
	M		36.8			1.1			
8	i	20	33.5						(E-W)
	i	20	33.5						(N-S)
9	e	3	23.6						(E-W)
	e	3	23.4						(N-S)
						<u>Wellington</u>			
9	i	5	56	46					(E-W)
	i	6	00	53					
	i	5	56	49					L waves not distinct.
	i		58	22					(N-S)
9	i	11	20	11					Small local shock.
	M		20	38					(E-W)
	i	11	20	24					(N-S)
	M		20	37					
9	i	15	36	11					Small shock. (E-W)
	i		36	42					
	M		36	53					
	i	15	36	46					(N-S)
	e	15	33.3						(E-W)
	e	15	33.5						(N-S)
9	e	19	55.9						(E-W)
	e	19	55.8						(N-S)
9	P	23	52.3						(E-W)
	i		56.7						
	e	23	54.7						(N-S)
10	i	3	42.4						(E-W)
	i		43.7						
	i		53.4						
	i	3	42.5						(N-S)
	i		43.5						
10	i	6	26+						<u>Wellington</u> Fairly heavy microseisms. (E-W)

1927 - No.10

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1927 February

Date 1927	Phase	Time			Period s	Amplitude		Distance in degrees	Remarks
		G.	M.	T.		AE μ	AN μ		
		h	m	s					
							<u>Suva</u>		
Feb. 11	e	7	00.5						(E-W)
	i		01.5						
	i		05.5						
	e	7	01.0						(N-S)
							<u>Wellington</u>		
11	i	11	32	39					(E-W)
	e		35	36					
	e	11	32	47					(N-S)
	eL		38						
							<u>Suva</u>		
11	P	13	23.1						(E-W)
	i		24.7						
	i		25.8						
	i	13	25.3						(N-S)
							<u>Wellington</u>		
11	e	16	24						(E-W)
	e	16	24						(N-S)
							<u>Suva</u>		
11	O	18	12.2					25	(E-W)
	P		17.8						
	S		22.2						
	L		23.2			mm			
	M		24.2			0.4			
	O	18	13.2						(N-S)
	P		18.8						
	S		21.8						
	L		23.8			mm			
	M		25.2			1.5			
13	e	15	43.8						(E-W)
	e		44.8						
	e	15	45.2						(N-S)
	e		48.1						
13	i	23	02.4						(E-W)
	i		04.2						
	i	23	-						(N-S)
14	i	0	26.8						(E-W)
	i		27.8						
	i	0	27.4						(N-S)
14	i	1	57.6						(E-W)
	i	1	57.6						(N-S)
14	e	6	46.1						(E-W)
	e	6	47.9						(N-S)
							<u>Wellington</u>		
	e	6	45	05					(N-S)

1927 - No.11

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		G.	M.	T.		AE μ	AN μ		
		h	m	s					
									<u>Wellington</u>
Feb.14	i	10	45	18					Small local shock(N-S)
14	i	15	54+						(E-W)
	eL	15	56	31					(N-S)
									<u>Suva</u>
14	i	22	38.4						Time uncertain. (E-W)
	i		44.4						
	i	22	38.4						(N-S)
	i		43.9						
14	i	23	28.9						(E-W)
	e	23	29.9						(N-S)
14	i	23	59.6						(E-W)
	e	24	00.5						
	e	24	00.9						(N-S)
15	O	7	21.1						(E-W)
	P	7	27.4			mm	29		
	M		31.1			0.6			
	S		32.4						
	L		33.5						
	i	7	28.3						(N-S)
									<u>Wellington</u>
	e	7	35	51					(N-S)
	i		36	34					
	L		37	19					
									<u>Suva</u>
15	O	14	50.9						(E-W)
	P		53.4				14		
	S		56.1			mm			
	M		56.9			0.7			
	O	14	50.9						(N-S)
	P		54.3						
	S		56.3						
									<u>Wellington</u>
15	eL	15	02	36					
									<u>Suva</u>
15	i	20	58.7						(E-W)
	i	21	02.2						
	e	20	58.7						(N-S)
									<u>Wellington</u>
16	O	1	36	26				79.2	Kurile Is.? (N-S)
	eP		48	40					
	eS		58	40	11		14		
	SR ₁	2	05	02	10		9		
	L		17	08					
	M ₁		24		18		29		
	M ₂		41	15	18		44		
									<u>Suva</u>
	P	1	47.5					68.4	Time uncertain. (E-W)
	S		56.5						Suva times corrected
	L	2	10.5						assuming O=1h 36m 26s.

1927 - No.12

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Date 1927	Phase	Time			Period s	Amplitude		Distance in degrees	Remarks
		G.	M.	T.		AE μ	AN μ		
							<u>Suva</u>		
Feb. 16	P	1	47.7						(N-S)
	S		56.9						
	L	2	11.8						
16	e	23	25.1						(E-W)
	e	23	27.5						(N-S)
17	e	4	40.0						(E-W)
	e	4	39.9						(N-S)
							<u>Wellington</u>		
17	i	12	28						(E-W)
	i	12	27 28						(N-S)
	eL		30 12						
							<u>Suva</u>		
	P	12	15.9					29	(E-W)
	S		37.2	32.2					
	L		40.7						
	e	12	38.6						(N-S)
18	i	2	08.1						(E-W)
	i	2	08.1						(N-S)
18	i	3	46.5						(E-W)
	i		56.6						
	e	4	10.3						
	e	3	46.3						(N-S)
	e		56.5						
18	i	7	10.8						(E-W)
18	P	20	49.7						(E-W)
	i		56.1						
	i		58.4						
	e	20	47.7						(N-S)
	i		48.7						
19	i	01	07.3						(E-W)
	i	01	07.3						(N-S)
19	e	01	27.5						(E-W)
	i	01	28.4						(N-S)
	i		29.3						
	e	01	28 13						(N-S)
	eL		31 25						
							<u>Suva</u>		
19	e	04	31.3						(E-W)
							<u>Wellington</u>		
19	P	14	39 10						Small local shock.(E-W)
	L		39 55						

1927 - No.13

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1927 February

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		G. M.	T.			AE μ	AN μ		
		h	m	s					
									<u>Wellington</u>
Feb. 19	i	14	39	59					(N-S)
									<u>Suva</u>
19	i	16	28.7						(E-W)
	e	16	28.7						(N-S)
									<u>Wellington</u>
20	i	01	03	31				Local.	(E-W) (N-S)
21	e	12	44	26					(N-S)
									<u>Suva</u>
	e	12	37.2						(E-W)
	e	12	40.6?						(N-S)
21	i	21	05.5						Recorded at Apia, no definite phases (E-W)
	i	21	05.6						(N-S)
23	i	21	44.5						(E-W)
	i		45.3						
	i		48.0						
	i	21	44.6						(N-S)
23	i	23	59.0						(E-W) (N-S)
24	i	3	22.3						(E-W)
	i		26.3						
	i	3	22.2						(N-S)
	i		27.2						
24	i	4	06.8						(E-W)
	i	4	06.9						(N-S)
24	i	9	05	35					<u>Wellington</u>
									<u>Suva</u>
24	i	21	24.0						(E-W)
	i		26.5						
	e	21	24.0						(N-S)
	i		26.5						
25	i	00	46.2						(E-W)
	i	00	46.2						(N-S)
25	e	1	30.2						(E-W)
	e		38.2						
	e	1	30.0						(N-S)
	i		30.5						
	i		38.5						
25	e	10	47.7						(E-W)
	i	10	48.3						(N-S)

1927 - No.14

 EARTHQUAKE REPORTS, NEW ZEALAND AND FIJI.

 Register from - Dominion Observatory, Wellington, and Suva, Fiji.
1927 February

Date 1927	Phase	Time			Period s	Amplitude		Distance in degrees	Remarks
		G.	M.	T.		A _E μ	A _N μ		
Feb. 25	O	11	24.7				<u>Suva</u>	20.6	(E-W)
	P		29.5						
	S		33.3						
	L		35.7			mm			
	M					0.7			
	O	11	25.1						(N-S)
	P		29.9						
	S		34.0			mm			
	M					0.9			
	e	11	32	31			<u>Wellington</u>		s = small. (N-S)
	e	11	32	17			s		(E-W)
25	iP	15	42	25				4.6	{ (E-W). Felt in Hawkes Bay and Bay of Plenty { (N-S). districts, { force R-F = 6 at { several places. { Recorded at Apia.
	O	15	41	11					(E-W)
	P		42	22					
	S		43	17					
	O	15	40.0				<u>Suva</u>	25.6	(E-W)
	P		45.7						
	S		50.2						
	O	15	41.7					20.0	(N-S)
	P		46.0						
	S		49.7						
25	e	22	41.0						(E-W) (N-S)
26	e	00	21.8						(E-W)
	i		23.9						
	e	00	20.9						(N-S)
	i		23.9						
26	e	01	40.1						(E-W)
	i	01	40.9						(N-S)
26	O	02	02.6					10	(E-W)
	P		05.1						
	S		05.8						
	L		06.4			mm			
	M					5+			
	O	02	01.4						(N-S)
	P		03.9						
	S		05.8						
	L		06.5			mm			
	M					5+			
	O	02	03	54			<u>Wellington</u>	28.8	(E-W)
	iP		09	57	5	6			
	S		14	02	10	54			

Epicentre near New Hebrides.

1927 - No.15

EARTHQUAKE REPORTS, NEW ZEALAND AND FIJI.

Register from - Dominion Observatory, Wellington, and Suva, Fiji.

1927 February

Date 1927	Phase	Time			Period s	Amplitude		Distance in degrees	Remarks
		G. M. T. h m s	A _E μ	A _N μ					
<u>Wellington</u>									
Feb. 26	O	2 03 50							(N-S)
	iP	09 53	5		9		12	Recorded at Apia.	
	S	14 00	13		34				
	L	16 38							
27								Heavy microseisms all day.	(E-W)
<u>Suva</u>									
27	e	7 45.0							(N-S)
	i	46.0							(E-W)
	e	7 45.3							(E-W)
27	e	9 34.3						(E-W). Reported felt at Apia, R-F = 3.	(N-S)
	e	9 33.3							(N-S)
	i	35.2							
27	e	16 03.5							(E-W)
27	i	21 16.6							(E-W)
	i	25.0							
	i	21 16.7							(N-S)
	i	25.0							
27	i	23 04.4							(E-W)
	i	06.6							
	i	11.4							
	e	23 05.0							(N-S)
	e	09.7							
	i	12.1							
28	e	00 10.0							(E-W)
	e	00 08.9							(N-S)
28	e	2 18.2							(E-W)
	i	2 18.0							(N-S)
28	i	4 07.1							(E-W)
	i	4 07.0							(N-S)
<u>Wellington</u>									
28	i	14 30 54						(E-W). Recorded at Apia, L waves only.	(N-S)
	i	14 31 01							(N-S)
<u>Suva</u>									
28	e	15+						Tremors.	(E-W) (N-S)

EARTHQUAKE REPORTS, NEW ZEALAND AND FIJI.

Register from - Dominion Observatory, Wellington, and Suva, Fiji.

1927 March

WELLINGTON - Latitude, 41° 17'S. Longitude, 174° 46'E.
Height above sea-level, 401.5 feet.

SUVA - Latitude, 18° 9'S. Longitude, 178° 26'E.
Height above sea-level, 10 feet.

Instruments:

- Wellington (a) Milne horizontal seismograph No.20, E-W component.
magnification, 5.6. Period, T = 27.5 secs. Undamped.
- (b) Milne-Shaw horizontal seismograph No.13, N-S component.
Magnification, 150. Period, T = 10.0 secs. Magnetic
damping, 18:1.
- (c) Milne-Shaw horizontal seismograph No.36. E-W component.
Magnification, 150. Period, T = 10.0 secs. Magnetic
damping, 19 : 1.
- Suva (d) Milne Twin-Boom horizontal seismograph. E-W and N-S
components. Magnification, 6. Period, T = 10.0 secs.
Undamped.

Time is Greenwich Mean Time - 00h or 24h = Greenwich midnight.

Date	Phase	Time			Period s	Amplitude		Distance in degrees	Remarks
		G.	M.	T.		AE	AN		
1927		h	m	s		μ	μ		
<u>Suva</u>									
March	1	O	13	52.2				7	(E-W)
		P		54.0					
		iS		55.4					
	2								Tremors all day. (E-W)
	3								Tremors most of day (E-W)
		e	0	19.1					Very faint record. (N-S)
<u>Wellington</u>									
	3	P	1	15 12				54.7	(E-W)
		S		23 30					S waves not distinct.
		L		35 04				73 (Apia)	
		M ₁		41 06	20	426		12 (Batavia)	
		M ₂		42 49	17	206			Origin probably in East Indies.
		O	1	05 43					(N-S)
		P		15 20					
		iS		23 00	10		14		
		SR ₂		29 32					
		L		32 44					
		M ₁		37 43	16		147		
		M ₂		38 48	16		202		
		M ₃		43 46	16		142		
<u>Suva</u>									
		e	1	15.4					(N-S)
		M	2	14.7			1.0		Very faint record of fair sized quake.
	3	e	12	03.5					(N-S)
		e		06.0					
<u>Wellington</u>									
	4	O	8	08 56				2.2	(E-W)
		iP		09 30					Felt on both sides of Cook Strait; maximum force R-F 5.
		iS		09 56					

1927 - No.17.

EARTHQUAKE REPORTS, NEW ZEALAND AND FIJI.

Register from - Dominion Observatory, Wellington, and Suva, Fiji.

1927 March

Date 1927	Phase	Time G. M. T.			Period s	Amplitude		Distance in degrees	Remarks
		h	m	s		AE μ	AN μ		
<u>Wellington</u>									
March 4	iP	08	09	30					(N-S)
	iS		09	56					
4	i	04	28	04					Local shock(E-W)
	i	04	28	04					
4	eL	04	55	51					(N-S)
7	O	9	27	50				81.9	(E-W)
	eP		40	20					Japan, destructive earthquake.
	eS		50	35					
	M		50	48	9	38			
	L	10	03	55					
	M		04	45	30	470			
	O	9	27	59					
	eP		40	20				82.2	(N-S)
	S		50	37					
	L	10	03	50					
	M		05	50	30		206		
<u>Suva</u>									
	PR ₂	9	43.0						(E-W)
	S		48.1						
	O	9	27.5						
	P		38.8					70	(N-S)
	iS		48.0						
	M		56.0				mm		
	L	10	02.0				1.0		
	M		14.7				0.8		
7	e	21	30.5						(E-W)
	e	21	30.6						(E-W)
<u>Wellington</u>									
11	i	3	18	12					(N-S)
	i	3	18	12					Small local shock.
	i	3	18	12					(E-W)
	i	3	18	12					(N-S)
11	i	20	30	50					(E-W)
	i		32	50					(E-W)
	i	20	31	45					(N-S)
<u>Suva</u>									
	e	20	29.0						Faint record. (E-W)
	i		34.7				mm		
	M		36.1				0.6		
	O	20	12.5						
	P		22.7					60	(N-S)
	iS		30.9						
	M		33.2				mm		
							1.5		
<u>Wellington</u>									
12	*iP	1	16	50					(E-W)
	iS		19	35					
	M		22	22	14	85			S waves not distinct.

1927 - No.18.

EARTHQUAKE REPORTS, NEW ZEALAND AND FIJI.

Register from - Dominion Observatory, Wellington, and Suva, Fiji.

1927 March

Date	Phase	Time			Period s	Amplitude		Distance in degrees	Remarks
		G.	M.	T.		AE μ	AN μ		
1927		h	m	s					
								<u>Wellington</u>	
March 12	O	1	11	06					
	iP		16	47				25.3	(N-S)
	iS		21	15					
	M		22	03	12		54		
								<u>Suva</u>	
12									Tremors at intervals during day. (E-W)(N-S).
								<u>Wellington</u>	
12	O	18	44	49				58.2	(E-W)
	iP		54	49					
	S	19	02	50					
	L		11	50					
	M		12	30	24		42		
								58.5	(N-S)
	O	18	44	45					
	iP		54	47					
	iS	19	02	50					
	L		11	05					
								<u>Suva</u>	
									Tremors. (E-W)
		18	+						(N-S)
	e	18	55.6					<u>Wellington</u>	(E-W)
13	e	6	16	+					(N-S)
	e	6	16	+					(E-W)
15	i	14	33	29					(N-S)
	i		34	19					
	i	14	33	11					(E-W)
	i		34	02					Heavy microseisms masking earthquake waves on both components. (N-S)
21	i	15	28	48					
	eL		42	34					
	i	15	28	50					Tremors. (E-W) (N-S).
	L		46	01					(E-W)
22								<u>Suva</u>	
								0.7mm.	
23	i	7	40.8						(N-S)
	O	7	38.9						Recorded at Apia, with no definite phases.
	P		39.4						
	S		40.8						
	M		43.4						
								0.4mm.	
								<u>Wellington</u>	
23	i	9	20	55					(E-W)
	i		22	17					Very heavy microseisms masking earthquake waves on both components. (N-S)
	M		27	53	10		117		
								22.1	
	O	9	13	29					
	P		18	35					
	iS		22	36					
	M		27	50	8		56		

1927 - No.19.

EARTHQUAKE REPORTS, NEW ZEALAND AND FIJI.

Register from - Dominion Observatory, Wellington, and Suva, Fiji.

1927 March

Date	Phase	Time			Period	Amplitude		Distance in degrees	Remarks
		G.	M.	T.		AE	AN		
1927		h	m	s	s	μ	μ		
						<u>Suva</u>			
March 23	i	9	30	.2		s			(E-W)
	e	9	20	.0					(N-S)
	i		29	.1					
	iL		31	.8			mm		
	M		34	.2			1.7		
25		2	+					Tremors.	(E-W)
						<u>Wellington</u>			
25	0	19	02	08				1.4	(E-W)
	iP		02	29					Local shock, felt throughout central parts of New Zealand. R-F 3.
	iS		02	46					
	iP	19	02	29					(N-S)
	iS		02	46					
26	e	2	38	+				6 (Apia).	(E-W)
								Origin probably in Tonga Deep.	
	e	2	38	+					(N-S)
						<u>Suva</u>			
	0	2	26	.5					(E-W)
	iP		30	.4					Indistinct.
	iS		23	.5		s			
	0	2	26	.9				14	(N-S)
	eP		30	.3					
	iS		33	.0					
	L		33	.6			mm		
	M		34	.6			1.7		
						<u>Wellington</u>			
26	i	19	56	10					(E-W)
	i	20	07	00					
	e	19	+						(N-S)
27	0	13	48	10				0.8	(E-W)
	iP		48	22					Local shock. Felt in southern portion of North Island, R-F 4.
	iS		48	32					
	0	13	48	10					(N-S)
	iP		48	22					
	iS		48	32					
30	eL	14	36	+	18	s			(E-W)
	e	14	34	+					(N-S)
						<u>Suva</u>			
31	i	3							Tremors. (E-W) (N-S).
31	i	7	17	.1					(E-W)
	i		17	.8		mm			
	M		19	.1		2.4			
	i	7	17	.0			mm		(N-S)
	M		17	.9			0.8		
	i		18	.1					
	M		18	.7			0.8		

1927 - No.20.

 EARTHQUAKE REPORTS, NEW ZEALAND AND FIJI.

Register from - Dominion Observatory, Wellington, and Suva, Fiji.

1927 April

Date 1927	Phase	Time G.M.T.			Period s	Amplitude		Distance in degrees	Remarks
		h	m	s		AE μ	AN μ		
<u>Wellington</u>									
April 1	O	19	06	04				19.1	(E-W)
	iP		10	34				6 (Apia)	
	iS		14	10					
	M		21	09	10	102			
	O	19	05	53				19.9	(N-S)
	iP		10	33					
	iS		14	14					
	M		21	04	11	73			
<u>Suva</u>									
	O	19	06.1						(E-W)
	iP		07.4						(O) based on Wellington
	iS		08.4						records. Suva ΔT uncer-
	M					6 +		5	tain.
	iP	19	07.5						(N-S)
	iS		08.5						
	M		09.1				11.0		
<u>Wellington</u>									
2	i	1	34	22					(E-W)
	i	1	34	31					(N-S)
<u>Suva</u>									
2		8	40	+					Tremors. (E-W)
	e	8	43.2						(N-S)
<u>Wellington</u>									
3		12							Tremors. (E-W)(N-S)
<u>Suva</u>									
3	e	11	42.9						(E-W)
	i		44.3						ΔT uncertain; obtained
	e	11	42.7						from ΔT on previous and
	e		45.9						following days. (N-S)
5	i	3	57.8						(E-W)
	e	3	56.9						(N-S)
	i		57.8						
	M		59.9				1.0		
5		8	-						Tremors.
<u>Wellington</u>									
5		11	-						Tremors. (E-W)(N-S)
<u>Suva</u>									
6		1	-						Tremors. (E-W)
	e	00	50.2						(N-S)
	M		53.8						
<u>Wellington</u>									
6		23	30						Tremors. (E-W)(N-S)
12	i	23	18	31					(E-W)
	i		22	46					
	i	23	19	11					(N-S)
	i		25	21					

1927 - No. 21.

EARTHQUAKE REPORTS, NEW ZEALAND AND FIJI.

Register from - Dominion Observatory, Wellington, and Suva, Fiji.

1927 April

Date	Phase	Time			Period s	Amplitude		Distance in degrees	Remarks
		G.	M.	T.		AE	AN		
1927		h	m	s		μ	μ		
<u>Suva</u>									
April 12	i	23	17.6						(E-W)
	i		20.3			mm			
	M		20.9			0.8			
	e	23	15.8						(N-S)
	i		18.5						
	M		19.8				2.0		
<u>Wellington</u>									
14	O	6	23	29				83.0	(E-W)
	iP		36	05				89 (Apia)	
	iPR ₁		39	59				Chile.	
	iPR ₂		42	13					
	iS		46	26	9	25			
	M		47	16	19	217			
	L	7	06	08	20				
	O	6	23	31				82.8	(N-S)
	iP		36	06					
	PR ₁		39	46					
	iS		46	26	15	44			
	M		46	33	15	66			
<u>Suva</u>									
	e	6	37	-					No definite phases.
	e		39.8			mm			(E-W)
	M		41.9			0.5			
	e	6	36.8						(N-S)
	e		41.6			mm			
	M		46.7			0.4			
<u>Wellington</u>									
15		13	+						Tremors. (E-W)(N-S)
16	e	8	39	+					(E-W)
	M	9	57	42	17	30			L waves for about two hours.
	eL	8	48	36					(N-S)
	M	9	57	16	16	14			
19		18	-						Tremors. Philippine Islands. (E-W)(N-S).
<u>Suva</u>									
23		10	-						Tremors. (E-W)
	e	10	03.8						(N-S)
	i		04.5						
<u>Wellington.</u>									
25	i	22	56	28					(E-W)
	i	22	56	28					Near shock. Felt at Wanganui, lat.40°S., long.175°E., R-F 4.
									(N-S)
27	O	2	50	05				22.6	
	iP		55	17				10 (Apia)	
	iS		59	22					Epicentre, 19°S., 177°W.
	M	3	00	22	11	40			

1927 - No. 23.

 EARTHQUAKE REPORTS, NEW ZEALAND AND FIJI.

Register from - Dominion Observatory, Wellington, and Suva, Fiji.

1927 May

Date 1927	Phase	Time			Period s	Amplitude		Distance in degrees	Remarks
		G. M.	T.			AE μ	AN μ		
May 6	i	20	55.6					(E-W)	
	i		56.0						
	i	20	55.4					(N-S)	
	M		56.3			mm 0.4			
7	O	10	14	26			7.3	(E-W). White Island, lat.37.5°S, long.177°E. Several shocks report- ed as being felt on the Island about this time. Max. force R-F 5.	
	iP		16	17					
	iS		17	45					
	O	10	14	13			8.4	(N-S).	
	iP		16	20					
	iS		18	00					
7	i	10	54	15			6.2	(E-W). White Island.	
	O	10	51	54					
	iP		54	00			(N-S)		
	iS		54	45					
7	i	12	47	35			(E-W)		
	i	12	47	35				(N-S)	
7	i	14	33	50			(E-W)		
	i	14	33	55				(N-S)	
9	eL	20	52	33	19	24	(E-W)		
	M		56	45					
	eL	20	51	23			(N-S)		
11	e	1	38	01			16	(E-W)	
	eL		44	26					
	M		45	54					
	eL	1	43	16	17	19	(N-S)		
	M		45	53					
11	i	3	40.3				(E-W)		
	i		40.8						
	e	3	40.3				(N-S)		
	i		40.8						
13	i	3	58.3				(E-W)		
	e	3	55.3					(N-S)	
	i		58.0						
	i	23	17	59			13	25	
L		24	47						
M		28	14						

Wellington

 (E-W). Record inter-
rupted by artificial
disturbance on both
components.

1927 - No.24.

EARTHQUAKE REPORTS, NEW ZEALAND AND FIJI.

Register from - Dominion Observatory, Wellington, and Suva, Fiji.

1927 May

Date	Phase	Time			Period	Amplitude		Distance in degrees	Remarks
		G.	M.	T.		AE	AN		
1927		h	m	s	s	μ	μ		
									<u>Wellington</u>
May 13	i	23	17	59					(N-S)
	eL		29	59					
	M		30	32	20		52		
									<u>Suva</u>
	i	23	15.8						(E-W)
	e	23	14.1						(N-S)
	e		19.6				mm		
	M		22.5				0.3		
	i		26.5						
	M		27.4				0.4		
									<u>Wellington</u>
15	iS	16	-					3.3	(E-W). No time marks.
	iP	16	-						S-P=39 ^s .
	O	16	34	52				3.5	(N-S). Near shock.
	iP		35	47					Felt in central parts
	iS		36	29					of North Is. Max.
									force R-F 4.
									<u>Suva</u>
15	i	19	54.1						(E-W)
									<u>Wellington</u>
17		7	-						(E-W)(N-S). Tremors.
									shock reported from
									White Island, R-F 5.
19		6	30	-					(E-W)(N-S). Tremors.
									<u>Suva</u>
19									(E-W). Tremors all
									day.
	i	6	07.3				mm		(N-S)
	M		07.7				0.5		
									<u>Wellington</u>
21	O	16	53	23					(E-W)
	iP	17	02	22					
	i		09	27					
	M		09	40	10	45			
	O	16	53	00					(N-S)
	iP	17	02	17					
	i		09	27					
	M		09	34	5		5		
									<u>Suva</u>
	O	16	54.8					6	(E-W)
	iP		56.2						
	iS		57.3				mm		
	M						5.0 +		
	O	16	54.9						(N-S)
	iP		56.4						
	iS		57.6						
	iL		58.0				mm		
	M		58.2				8.2		
									<u>Wellington</u>
22	i	1	41	40					(E-W). Felt at
	i		42	12					Tokaanu, lat.39°S,
									long. 176°E. R-F 3.
	i	1	41	32					(N-S)
	i		42	52					

1927 - No. 25.

EARTHQUAKE REPORTS, NEW ZEALAND AND FIJI.

Register from - Dominion Observatory, Wellington, and Suva, Fiji.

1927 May

Date 1927	Phase	Time			Period s	Amplitude		Distance in degrees	Remarks
		G.	M.	T.		AE μ	AN μ		
<u>Wellington</u>									
May 22	O	22	30	55				123	(E-W). China.
	iP		46	52					
	iS	23	00	07					
	M		20	06	12	59			
	L		25	51					
	M ₁		26	26	24	234			
	M ₂		35	56	24	389			
	M ₃		38	11	24	469			
	M ₄		44	34	19	268			
	M ₅		49	56	16	15			
	O	22	30	49					(N-S)
	eP		46	46					
	iS	23	00	01					
	M		16	27	28		237		
	L		24	16					
	M ₁		24	56	30		250		
	M ₂		31	26	21		211		
	M ₃		40	27	21		178		
<u>Suva</u>									
	O	22	30.0					128	(E-W)
	iP		46.3						
	iS		59.8			mm			
	M	23	11.3			0.6			
	L		23.6			s			
	O	22	29.9						(N-S)
	iP		46.1						
	iS	23	00.7						
	iSR ₁		08.3			mm			
	M		15.5			1.0			
	L		24.9			s			
<u>Wellington</u>									
23		22	30	-					(E-W)(N-S). Tremors.
<u>Suva</u>									
24		22	30	-					(E-W)(N-S). Tremors.
<u>Wellington</u>									
27		4	-						(E-W)(N-S). Tremors.
<u>Suva</u>									
27	i	3	37.6			mm			(E-W)
	M		39.5			2.1			
	i	3	37.5			mm			(N-S)
	M		39.9			0.7			
<u>Wellington</u>									
29		14	-						(E-W)(N-S). Tremors.
<u>Suva</u>									
29	i	14	01.6			mm			(E-W)
	M		03.4			1.8			
	e	14	00.9						(N-S)
	i		01.7			s			
30		5	-						(E-W). Tremors.
	i	5	23.8						(N-S)
	M		27.6						

1927 - No. 26.

EARTHQUAKE REPORTS, NEW ZEALAND AND FIJI.

Register from - Dominion Observatory, Wellington, and Suva, Fiji.

1927 June

NOTE: The constants of the instruments have remained practically the same, except that the damping ratio of Nos. 13 and 36 Milne-Shaw seismographs is approximately 20 : 1.

Date	Direction	Phase	Time			Period	Amplitude		Distance in degrees	Remarks
			G.	M.	T.		AE	AN		
1927			h	m	s	s	μ	μ		
			<u>Wellington</u>							
June 1	E-W	i	14	47	31					
	N-S	i	14	47	37					
			<u>Suva</u>							
	E-W	i	14	44.0						
	N-S	i	14	43.9						
			<u>Wellington</u>							
1	E-W	O	19	12	49				4.8	Near shock.
		iP		14	03					
		iS		15	00					
	N-S	O	19	13	02				4.1	
		iP		14	06					
		iS		14	55					
			<u>Suva</u>							
	E-W		19	+						Tremors.
	N-S	e	19	15.6						
			<u>Wellington</u>							
3	E-W	O	7	12	05				50.3	Epicentre off coast of N. Australia; near Darwin, where it was felt as severe quake.
		iP		21	14					
		iS		28	28					
		M		29	02	10	145			
		iSR ₂		33	09					
		M		33	53	15	300			
		iL		36	52					
		M ₁		41	17	15	750			
		M ₂		50	29	13	50			
	N-S	O	7	12	12				49.7	
		iP		21	17					
		iS		28	27					
		M		28	39	6	102			
		iSR ₂		33	12					
		M		35	35	15	246			
		L		37	12					
		M		38	33	23	1179			
			<u>Suva</u>							
	E-W	O	7	16.7					21	
		eP		21.6						
		iS		25.5			mm			
		M		28.1			1.6			
		L		29.8						
		M		31.7			2.2			
	N-S	O	7	14.4					27	
		eP		20.4						
		iS		25.2						
		L		27.8			mm			
		M ₁		29.7			3.0			
		M ₂		32.0			4.9			

1927 - No. 27.

EARTHQUAKE REPORTS, NEW ZEALAND AND FIJI.

Register from - Dominion Observatory, Wellington, and Suva, Fiji.

1927 June

Date 1927	Direction	Phase	Time			Period s	Amplitude		Distance in degrees	Remarks
			G.	M.	T.		AE μ	AN μ		
			h	m	s					
			<u>Wellington</u>							
June 3	E-W	i	18	32	50				Local shock.	
	N-S	i	18	32	50					
4	E-W	i	6	36	26				Small local shock, felt at Cape Campbell. lat. 42°S, long. 174°E. R-F 3.	
		i		36	41					
	N-S	i	6	36+						
4	E-W	i	14	59	28				Small local shock.	
	N-S	i	14	59	24					
			<u>Suva</u>							
5	E-W	i	1	13.3			mm			
		M		13.9			0.6			
	N-S	e	1	12.4						
		M		14.1			mm	0.4		
			<u>Wellington</u>							
6	E-W	O	18	27	32			4.1		
		iP		28	36					
		iS		29	25					
		M1		30	32					
		M2		32	32	20	170			
	N-S	O	18	27	46					
		iP		28	50					
		iS		29	39					
		M		33	40	16		61		
			<u>Suva</u>							
	E-W	iP	18	30.8			s	23	ΔT not known, times therefore uncertain on this day.	
	N-S	O	18	26.0						
		iP		31.4						
		iS		35.6						
		iSR2		36.5						
		M		38.0			mm	1.7		
			<u>Wellington</u>							
11	E-W	e	3	05	12					
	N-S	e	3	01	44					
11	E-W	i	4	56	29				Local shock.	
	N-S	i	4	56	34					
14	E-W	O	17	16	45			25.4		
		P		22	27					
		iS		26	56					
		M		33	16	10	53			
	N-S	O	17	16	48					
		iP		22	27					
		iS		26	53					
		M		27	22	11		38		
		L		27	33					
		M1		28	11	17		124		
		M2		32	03	11		73		

1927 - No. 28.

EARTHQUAKE REPORTS, NEW ZEALAND AND FIJI.

Register from - Dominion Observatory, Wellington, and Suva, Fiji.

1927 June

Date 1927	Direction	Phase	Time			Period s	Amplitude		Distance in degrees	Remarks
			G.	M.	T.		A _E μ	A _N μ		
			<u>Suva</u>							
June 14	E-W	i M	17	26.1 42.0					No definite phases.	
	N-S	e M i M i M	17	26.2 34.0 41.6 42.5 43.6 45.5			mm 0.6 1.0 1.1			
			<u>Wellington</u>							
15	E-W	i	12	06 28					Near shock felt in Hawkes Bay and Bay of Plenty. R-F 4.	
	N-S	i	12	06 27						
17	E-W	eL	6	41 15						
			<u>Suva</u>							
18	E-W and N-S								tremors all day	
19	E-W	i	4	30.3					ΔT uncertain, obtained by interpolation from previous and following days. Near shock; beginning of quake lost in time mark.	
	N-S	e	4	29.8						
20	E-W	P M	11	57 + 58.7			mm 0.9			
	N-S	P M	11	57 + 58.7			mm 1.6			
			<u>Wellington</u>							
22	E-W N-S	i i	4	49 24 49 49					Felt at Dannevirke, lat.40°S long.176°E, R-F 3.	
23	E-W N-S		10	40 + 40 +						
27	E-W	e	12	31 48					Tremors.	
	N-S	e	12	31 36						
28	E-W	e	11	29 22						
	N-S	e	11	29 25						
			<u>Suva</u>							
29	E-W	c i	21	24.2 31.6						
	N-S	e e M	21	25.0 27.9 30.0			1.6			
30	E-W	i	00	52.5						
	N-S	e M	00	51.2 53.2						
			<u>Wellington</u>							
30	E-W & N-S	i	18	37 07						

1927 - No. 29.

EARTHQUAKE REPORTS, NEW ZEALAND AND FIJI.

Register from - Dominion Observatory, Wellington, and Suva, Fiji.

1927 July

Date 1927	Direction	Phase	Time			Period s	Amplitude		Distance in degrees	Remarks	
			G. M. T. h m s	AE μ	AN μ						
July 2	N-S		<u>Suva</u>								
			17	+						Tremors.	
3	E-W	O	<u>Wellington</u>								
		iP	10	38	09				24.7	Felt at Apia	
		iS	43	44						R-F 5, and	
		L	48	06						also at Is.	
		M	50	19						S. of Samoa.	
			54	14		17	39			Epic. 17°S,	
										175°W, (from	
										Wellington	
										and Suva.)	
	N-S		Shock recorded but time marks failed.								
			<u>Suva</u>								
	E-W										Not recorded.
	N-S	O	10	38.0					6.5		
		iP		39.7							
		iS		41.0							
		L		41.5				mm			
		M ₁		42.0				1.1			
		M ₂		43.9				4.7			
5	E-W	i	<u>Wellington</u>								
		M	7	35	32						
				38	44		s			Recorded at	
	N-S	i	7	35	40					Apia (Δ=6°).	
		M		39	06	17		s		Epic. 16°S,	
										175°W.	
			<u>Suva</u>								
	E-W	O	7	23.1					6		
		iP		24.6							
		iS		25.8				mm			
		M		27.5			9.0				
	N-S	O	7	22.9					6.5		
		iP		24.6							
		S		25.9							
		L		26.6				mm			
		M		28.1				1.0			
5	E-W	e	14	14.5							
		M		16.1			2.3				
	N-S	e	14	14.0							
		M		15.0					0.6		
10	E-W	i	<u>Wellington</u>								
		M	4	05	29						
				12	41		s				
	N-S	i	4	05	32						
		eL		12	17						
		M		13	28				s		
			<u>Suva</u>								
	E-W	e	4	03.2							
		i		05.9				mm			
		M		08.4			0.8				
	N-S	e	4	03.3							
		i		06.0				mm			
		M		08.5				1.1			

1927 - 30.

EARTHQUAKE REPORTS, NEW ZEALAND AND FIJI.

Register from - Dominion Observatory, Wellington, and Suva, Fiji.

1927 July .

Date 1927	Direction	Phase	Time			Period s	Amplitude		Distance in degrees	Remarks
			G. M. T. h m s	AE μ	AN μ					
			<u>Wellington</u>							
July 11	E-W & N-S		14	-	-					Tremors. A disastrous 'quake occurred at Jerusalem on this day.
			<u>Suva</u>							
12	E-W & N-S		<u>Wellington</u>							Tremors all day.
14	E-W	L	23	50	+		s			Record masked by heavy micro-seisms.
			<u>Suva</u>							
18	E-W	e M	5	35.0 37.6			mm 2.0			
	N-S	e i M	5	34.1 36.0 37.0			mm 1.0			
18	E-W	i M	11	23.2 27.9			1.1			Rather confused.
	N-S	i M	11	23.2 29.2			2.0			
			<u>Wellington</u>							
	E-W	O iP iS M	11	20 36 22 14 23 31 26 28	15	105		6.4		Origin probably White Is., lat. $37\frac{1}{2}^{\circ}$ S, long. 177° E. Felt in East Cape district, N. Island, max. force R-F 4.
	N-S	O iP iS M	11	20 43 22 18 23 32 26 53	18		158	6.2		
			<u>Suva</u>							
19	E-W	O iP iS M	9	11.0 12.0 12.7 13.9			mm 2.3			4 (Apia $\Delta=13^{\circ}$).
	N-S	e M	9	11.9 13.6				1.1		
19	E-W	O iP iS M	9	47.5 48.1 48.6 50.1			mm 3.0	2.5		
	N-S	e M	9	47.6 49.3				1.3		
			<u>Wellington</u>							
22	E-W & N-S	L	05	+			s	s		
23	E-W	i	4	14	21					
	N-S	i	4	14	47					

1927 - No. 31.

EARTHQUAKE REPORTS, NEW ZEALAND AND FIJI.

Register from Dominion Observatory, Wellington, and Suva, Fiji.

1927 July - August.

Date 1927	Direction	Phase	Time			Amplitude		Distance in degrees	Remarks
			G. M.	T.		A _E	A _N		
			h	m	s	s	μ	μ	
<u>Suva</u>									
July 23	E-W	i	15	28.6					
		i		29.7			mm		
		M		30.9			1.0		
	N-S	e	15	28.5			mm		
		M		29.9			0.8		
<u>Wellington</u>									
23	E-W		23	51	-				Tremors.
28	E-W & N-S		4	30	-				Tremors.
28	E-W & N-S	eL	17	03	+				
<u>Suva</u>									
29	E-W & N-S		20	30					Tremors.
<u>Wellington</u>									
Aug. 2	E-W & N-S		6	45	-				Tremors.
2	E-W	e	7	10	14				
		M		15	33	13	12		
	N-S	e	7	11	11				
		M		19	26	10		7	
3	E-W & N-S	i	8	04	06				Local shock felt at Wellington, R-F 4 and at Picton R-F 3.
<u>Suva</u>									
3	E-W	i	21	24.9					
	N-S	i	21	24.5					
<u>Wellington</u>									
4	E-W & N-S	i	16	03	46				
<u>Suva</u>									
	E-W		16	+					Tremors.
	N-S	e	16	00.0					
		i		03.1					
4	E-W	i	21	01.0					
	N-S	i	21	00.9					
<u>Wellington</u>									
5	E-W	P	21	-	-				Beginning of quake lost while changing paper.
		iS		35	+				
		iSR ₁		41	11				
		iL		52	39				
		M		57	46	22	81	(Apia Δ = 67° - Japan)	
	N-S	iS	21	35	39				
		iSR ₁		41	36				
		iL		52	39				
		M		57	48	22		73	

1927 - No. 32.

EARTHQUAKE REPORTS, NEW ZEALAND AND FIJI.

 Register from - Dominion Observatory, Wellington, and Suva, Fiji.

1927 August

Date 1927	Direction	Phase	Time			Period s	Amplitude		Distance in degrees	Remarks
			G.	M.	T.		AE μ	AN μ		
<u>Suva</u>										
Aug. 5	E-W	O	21	11.3				78		
		iP		24.4						
		S		34.3						
		L		50 -						
	N-S	O	21	11.3						
		eP		24.4						
		S		34.3			mm			
		M		37.0			0.4			
		iSR ₂		43.7						
		M		45.4			0.7			
		L		50 +						
		M	22	02.7			0.4			
6	N-S		07						Tremors.	
<u>Wellington</u>										
6	E-W	O	16	16 36				1.0	Felt generally throughout Southern port-	
		iP		51					ion of North I.	
		iS		17 04					and on both	
	N-S	O	16	16 30				1.1	sides of Cook	
		iP		47					Strait.	
		iS		17 01					Max.force R-F 5.	
7	E-W	iP	14	41 04					Local shock,	
	N-S	iP	14	41 01					felt throughout	
									S. portion of	
									North I. and on	
									both sides of	
									Cook Strait.	
7	E-W	O	16	38 34				0.8	Max.force R-F 5.	
		iP		38 46					Local shock,	
		iS		38 56					felt in same	
	N-S	O	16	38 29				0.9	districts as	
		iP		38 43					previous quake,	
		iS		38 54					but more gener-	
									ally. Max. R-F 5.	
	E-W	i	16	43.8					<u>Suva</u>	
	N-S	e	16	43.7						
8	E-W & N-S								Tremors at intervals.	
<u>Wellington.</u>										
10	E-W	eL	2	03 01						
		M		09 17						
	N-S	L	2	+						
10	E-W	O	11	36 11				55.7	New Guinea.	
		eP		45 55					(Apia $\Delta = 58^\circ$)	
		iPR ₂		49 16						
		iS		53 41						
		M		55 47	11	27				
		iSR ₁		57 41						
		iL	12	00 06						
		M ₁		05 50	27	635				
		M ₂		07 46	22	580				
		M ₃		12 41	18	356				

1927 - No. 33.

EARTHQUAKE REPORTS, NEW ZEALAND AND FIJI.

Register from - Dominion Observatory, Wellington, and Suva, Fiji.

1927 August

date	Direction	Phase	Time			Period	Amplitude		Distance in degrees	Remarks		
			G. M. T.				AE	AN				
1927			h	m	s	s	μ	μ				
<u>Wellington</u>												
Aug. 10	N-S	O	11	36	06							
		eP		45	50							
		iS		53	36							
		M ₁			56	13			183			
		M ₂			55	51						
		iSR ₂			59	10						
		iL	12	03	01							
		M		07	-	21			606			
		<u>Suva</u>										
			E-W	i	11	49	-				52	
		iS		53.1								
		iSR		57.4								
<u>N-S</u>												
		O	11	36.3								
		eP		45.6								
		iS		53.0								
		iSR		57.0				mm				
		M		58.0				1.0				
		L	12	04.5								
		M		11.8				0.9				
15	E-W	O	4	24.1					5.5			
		eP		25.5								
		iS		26.6			mm					
		M		27.7			1.2					
		<u>N-S</u>										
			O	4	24.5							
			iP		25.9							
			iS		27.0							
	16	E-W & N-S	<u>Wellington</u>									
			O	01	-	-					Tremors.	
16	E-W	<u>Suva</u>										
		i	10	13.6								
	N-S	i	10	13.6								
		M		14.6			mm	0.9				
17	E-W & N-S	<u>Wellington</u>										
		O	6	42	-					Tremors.		
		<u>Suva.</u>										
	E-W	e	6	29.9								
		i		31.0			mm			Recorded at Apia.		
		M		32.5			0.9					
N-S	e	6	29.2									
	i		30.8			mm						
	M		32.0			0.9						
18	E-W	<u>Wellington</u>										
		i	19	50	04							
	M	20	18	20	18	30						
	N-S	i	19	50	15							
		M	20	11	20	20			32			
	E-W	<u>Suva</u>										
			19	45						Tremors.		
	N-S	e	19	43.1					mm			
		M	20	02.8					0.4			

1927 - No. 34.

EARTHQUAKE REPORTS, NEW ZEALAND AND FIJI.

 Register from - Dominion Observatory, Wellington, and Suva, Fiji.
1927 August

Date	Direction	Phase	Time			Amplitude		Distance in degrees	Remarks
			G. M. T.			AE	AN		
1927			h	m	s	s	μ	μ	
<u>Suva</u>									
Aug. 20	E-W								
	N-S	e	17	00	.8				Tremors all day Quake felt in Canter- bury, South I. Max. force R-F 5, recorded at Apia.
<u>Wellington</u>									
21	E-W & N-S		00	30	+				L waves.
21	E-W	i	22	49	30				Recorded at Apia, shock felt at Morr- insville about this time, lat. long.
	N-S	i	22	49	28				
<u>Suva</u>									
	E-W	O	22	40	.6			5.0	
		iP			41.9				
		iS			42.9		mm		
		M			43 -		6.0		
	N-S	O,	22	40	.4				
		iP			41.8				
		iS			42.9				
		M			43.9			4.9	
<u>Wellington</u>									
22	E-W	i	18	23	28				
		M			28 -	12		18	
	N-S	i	18	23	23				
		M			27 09	12		28	
22	E-W & N-S	i	21	42	25				Shock felt at Christchurch about this time. Tremors.
23	E-W & N-S		07	-	-				
24	E-W	i	1	24	11				Felt in central parts of North I., max. force R-F 5. Tremors.
	N-S	i	1	24	10				
	E-W & N-S		19	-	-				
29	E-W & N-S		16	-	-				Tremors.
31	E-W	O	22	29	45			2.1	Felt in East- ern districts of North I., max. force R-F 4.
		iP			30 18				
		iS			43				
	N-S	O	22	29	50			1.8	
		iP			30 18				
		iS			41				

1927 - No. 35.

EARTHQUAKE REPORTS, NEW ZEALAND AND FIJI.

Register from - Dominion Observatory, Wellington, and Suva, Fiji.

1927 September

Date 1927	Direction	Phase	Time G.M.T.			Period s	Amplitude		Distance in degrees	Remarks
			h	m	s		AE μ	AN μ		
Sept. 3	E-W	i	00	44.3						<u>Suva</u>
	N-S	i	00	44.0						
3	E-W	eL	20	53	12					<u>Wellington</u>
	N-S	eL	21	+						
	E-W	i	21	23.7						<u>Suva</u>
	N-S	i	21	23.3						
		i		23.7						
3	E-W	e	22	59.7						
	N-S	e	22	58.8						
4	E-W	i	21	35.2						
		i		35.5						
	N-S	i	21	35.1						
5	N-S									
										Tremors most of day. Shocks reported from Morrinsville & Wai-kato District.
6	E-W	i	02	05	17					<u>Wellington</u>
	N-S	i	02	05	15					
6	E-W	i	21	10.1						<u>Suva</u>
	N-S	e	21	07.0						
		i		10.1						
7	E-W	O	19	56	52					<u>Wellington</u>
		P	20	02	17			23.7		(Apia Δ=25°) Origin probably in region of New Caledonia.
		iS		06	30					
		SR1		07	10					
		iL		07	51					
		M1		10	01	10		71		
		M2		12	01	11		76		
	N-S	O	19	57	09					
		iP	20	02	20			22.5		
		iS		06	24					
		M			33					
		iL		28	00					
		M1		29	21	11		82		
		M2		30	57	11		83		
										<u>Suva</u>
	E-W		20	-	-					Tremors.
	N-S	e	20	02.6						L waves for nearly one hour.

1927 - No. 36.

EARTHQUAKE REPORTS, NEW ZEALAND AND FIJI.

Register from Dominion Observatory, Wellington, and Suva, Fiji.

1927 September

Date 1927	Direction	Phase	Time			Period s	Amplitude		Distance in degrees	Remarks
			G.	M.	T.		A _E μ	A _N μ		
			h	m	s					
<u>Suva</u>										
Sept. 7	E-W	e i	21	02.7 04.0						
	N-S	e i	21	03.2 04.1						
<u>Wellington</u>										
8	E-W	e	17	24	43					
	N-S	e	17	24	35					
8	E-W	i	19	45	48					Local shock.
	N-S	i	19	45	47					
8	E-W	L	22							
<u>Suva</u>										
9	E-W & N-S		00	-	-					Tremors.
9	E-W	i i	04	14.2 14.7						
	N-S	e i M	04	12.6 14.6 16.0				mm 0.8		
9	E-W & N-S	e	22	16.8						
<u>Wellington</u>										
10	E-W	eL	17	09	20					Felt at Apia, Samoa. R-F 2.
	N-S	L	17	+						
11	E-W & N-S	L	23	+						
13	E-W	O iP iS L M	10	15 46 21 05 25 15 27 43 30 -		18	36			23.2 Origin probably in New Hebrides region.
	N-S	O iP iS L M	10	15 33 21 00 25 15 28 00 29 21						23.9
<u>Suva</u>										
	E-W	O iP iS M	10	16.1 18.4 20.2 25.5						9
	N-S	O iP iS M ₁ M ₂	10	16.1 18.4 20.2 21.6 29.4				mm 1.1		mm 1.6 1.0

1927 - No. 37.

EARTHQUAKE REPORTS, NEW ZEALAND AND FIJI.

 Register from Dominion Observatory, Wellington, and Suva, Fiji.

1927 September

Date 1927	Direction	Phase	Time			Period s	Amplitude		Distance in degrees	Remarks
			G.	M.	T.		AE μ	AN μ		
			h	m	s					
									<u>Wellington</u>	
Sept. 14	E-W	i	02	36	20					
	N-S	i	02	36	22					
									<u>Suva</u>	
15	E-W & N-S		08	30	+					Tremors.
15	E-W & N-S		21	-						Tremors.
17	E-W	i M	00	13.8 15.1			mm 4.8			
	N-S	i M	00	13.7 14.9			mm 0.8			
17	E-W	i	00	28.3						
	N-S	e i	00	27.5 28.4						
									<u>Wellington</u>	
17	E-W	eL	01	+						
	N-S	eL	01	11	45					
17	N-S	M	02	33.5			mm 0.9		<u>Suva</u>	
17	E-W	i i M	06	31.5 31.9 32.5			s			
	N-S	e M	06	30.8 32.2				0.5		
									<u>Wellington</u>	
18	E-W		01	15	-					Tremors.
	N-S		02	15	-					(Apia $\Delta=25^\circ$) Tremors.
									<u>Suva</u>	
18	E-W & N-S		02	+						Tremors.
									<u>Wellington</u>	
18	E-W	i i M	05	21 25 27	15 15 40	8	10			
	N-S	i M	05	22 25	33 53	9	11			
									<u>Suva</u>	
18	E-W	i	10	14.9						
	N-S	i	10	14.5						
									<u>Wellington</u>	
19	E-W & N-S		09	-						Tremors.
									<u>Suva</u>	
19	E-W & N-S		19	-						Tremors.
19	E-W	i M	20	16.8 18.4			mm 1.0			
	N-S	e i M	20	15.8 17.5 18.0			mm 1.2			

1927 - No. 38.

EARTHQUAKE REPORTS, NEW ZEALAND AND FIJI.

Register from Dominion Observatory, Wellington, and Suva, Fiji.

1927 September - October

Date	Direction	Phase	Time			Period		Amplitude	Distance in degrees	Remarks
			G.	M.	T.					
1927			h	m	s	s		μ	μ	
			<u>Wellington</u>							
Sept. 19	E-W & N-S		20	30	-					Tremors.
			<u>Suva</u>							
21	E-W	i	02	47.8						
		i		48.2						
		M		49.6						
	N-S	e	02	45.9						
		i		47.6						
22	N-S		04	-						Tremors.
			<u>Wellington</u>							
22	E-W	i	15	42	22					Small local shock. Felt in Hawkes Bay District. R-F 3.
	N-S	i	15	42	25					Local shock.
30	E-W	i	15	41	12					
	N-S	i	15	41	10					
30	E-W	e	23	44	+					Confused; breaks in record.
		M		51	17	10	19			(Apia $\Delta=8^\circ$).
	N-S	e	23	44	+					Falcon I. reported in eruption.
		M	24	02	49	14		18		
			<u>Suva</u>							
	E-W		23	+			s			Tremors.
	N-S	eP	23	49.3						Phases not distinct.
		i		52.2						
		iL		53.1				mm		
		M		55.3				4.2		
t. 2	E-W		05	40	-					Tremors.
			<u>Suva</u>							
2	E-W & N-S		20	-						Tremors.
4	E-W & N-S									Tremors most of day.
			<u>Wellington</u>							
4	E-W & N-S		15	45	-					Tremors.
5	E-W & N-S		08	35	-					Tremors.
			<u>Suva</u>							
6	N-S		03	+						Tremors.
7	E-W	e	07	59.1						
		e	08	07.3						
	N-S	e	07	58.5						
		e	08	06.9						
			<u>Wellington</u>							
7	E-W & N-S	i	12	11	40					Local shock.
			<u>Suva</u>							
8	E-W	i	00	50.3						
	N-S	e	00	50.4						

1927 - No. 39.

EARTHQUAKE REPORTS, NEW ZEALAND AND FIJI.

Register from - Dominion Observatory, Wellington, and Suva, Fiji.

1927 October

Date 1927	Direction	Phase	Time			Period s	Amplitude		Distance in degrees	Remarks
			G. M. T. h m s	AE μ	AN μ					
<u>Wellington</u>										
Oct. 10	E-W	iL M	23 25 02 30 54		12	18				(Apia $\Delta = 9^\circ$). Origin probably in Tonga Deep.
	N-S	i M	23 25 09 27 39		16		20			
<u>Suva</u>										
	E-W	O P eS M	23 17.5 20.7 23.2 29.3				mm 0.8		13	
	N-S	O eP eS M	23 18.1 20.9 23.1 26.8					2.0	11	
11	N-S	e	01 58.6							
<u>Wellington</u>										
11	E-W	i	09 20 54							Felt in Wellington R-F 3, and at other places bordering on Cook Strait. Max. force R-F 5.
	N-S	i	09 20 49							
11	E-W	e	17 25 54							
	N-S	eL	17 27 49				s			
13	E-W & N-S	L	04 45 -				s	s		
	N-S		04 +							<u>Suva</u>
15	E-W	i	00 52.2							Tremors.
	N-S	i	00 52.2							
<u>Wellington</u>										
16	E-W & N-S		13 - -				s	s		L waves for about 2 hours.
<u>Suva</u>										
17	E-W	i	04 03.1							Rather severe quake in Japan on this date.
	N-S	i	04 03.0							
<u>Wellington</u>										
	E-W	i	16 12 46							
	N-S	i	16 12 45							
	E-W	i M	16 09.6 10.0				mm 0.8			<u>Suva</u>
	N-S	i M	16 09.5 10.4				mm 0.7			
<u>Wellington</u>										
18	E-W	i	06 17 53							Felt in Wellington, R-F 2, and throughout Southern portion of North I., Max. force R-F 4.
	N-S	i	06 17 55							

1927 - No. 40.

EARTHQUAKE REPORTS, NEW ZEALAND AND FIJI.

 Register from - Dominion Observatory, Wellington, and Suva, Fiji.
1927 October

Date 1927	Direction	Phase	Time			Period s	Amplitude		Distance in degrees	Remarks
			G. M. T.				A _E μ	A _N μ		
			h	m	s					
									<u>Wellington</u>	
Oct. 18	E-W	i	07	51	05				Felt in Wellington, R-F 3, also in Wairarapa District, max. force R-F 4.	
	N-S	i	07	51	09					
19	E-W	eL	14	31	40		s			
	N-S	eL	14	30	51			s		
19	E-W	0 iP iS	15	12	27 13 00 13 25			2.1	Felt in Wellington, R-F 3; throughout Southern portion of North I., and also at Blenheim, South I. Max. R-F 5.	
	N-S	0 iP iS	15	12	27 13 00 13 25					
20	E-W	i	22	37	23					
24	E-W	0 P iS iSR ₁ L M ₁ M ₂	15 16	59 14	50 20 22 33 56 48 51 50 11 53 05	30 23	274		104 (Apia Δ = 74 ¹ / ₂) Alaska.	
	N-S	M ₁ M ₂				27 21	225	206	No time marks.	
									<u>Suva</u>	
26	E-W								Tremors.	
27	E-W & N-S		07	55	-				Tremors.	
29	E-W	i i	04	05	42 12 37					
	N-S	i e	04	05	46 12 32					
31	E-W & N-S		18	+					Tremors.	

1927 - No. 41.

EARTHQUAKE REPORTS, NEW ZEALAND AND FIJI.

Register from - Dominion Observatory, Wellington, and Suva, Fiji.

1927 November

Date 1927	Direction	Phase	Time			Period	Amplitude		Distance in degrees	Remarks
			G.	M.	T.		A _E μ	A _N μ		
			h	m	s					
						<u>Wellington</u>				
Nov. 1	E-W & N-S		00	25	-				Tremors.	
1	E-W & N-S		21	00	-				Tremors.	
2	E-W	eL	21	47	52					
	N-S		21	-	-				Tremors.	
4	E-W	O	13	53	03			84.0	Origin off Californian Coast.	
		P	14	05	45					
		iPR ₁		08	25					
		iS		16	11					
		M		17	25					
		iSR ₁		22	45					
		L		34	45					
		M ₁		42	39	18	68			
		M ₂		47	31	18	75			
	N-S	O	13	52	14			87.7		
		P	14	05	17					
		iPR ₁		08	23					
		iS		16	03					
		M		17	02					
		iSR ₁		22	05					
		iSR ₂		26	26					
		L		35	45					
		M ₁		38	51	23	84			
		M ₂		47	18	18	49			
									<u>Suva</u>	
	E-W	P	14	02.9					Indistinct record.	
	N-S	O	13	51.9				70.5		
		eP	14	03.2						
		PR ₁		07.0						
		S		12.4						
		SR ₂		21.6						
		L		27.5					mm	
		M		29.5					0.7	
									<u>Wellington</u>	
5	E-W	i	01	33	06					
	N-S	L	01	32	27					
6	E-W & N-S		16	-	-				Tremors and L waves.	
7	E-W	O	00	04	18			6.9	Near shock. This and following	
		iP		06	03				quake felt through-	
		iS		07	25				out Waikato Dis-	
	N-S	O	00	04	30				trict, North I.;	
		iP		06	06				also at a few	
		iS		07	22			6.3	places further	
									east. Max force	
									R-F 6. Origin	
									probably White I.	

1927 - No. 42.

EARTHQUAKE REPORTS, NEW ZEALAND AND FIJI.

Register from - Dominion Observatory, Wellington, and Suva, Fiji.

1927 November

Date	Direction	Phase	Time			Period s	Amplitude		Distance in degrees	Remarks
			G.	M.	T.		A _E μ	A _N μ		
1927			h	m	s					
<u>Wellington</u>										
Nov. 7	E-W	i	10	08	19					
	N-S	i	10	08	20					
8	E-W	0	03	10	30			83.3		
		iP		23	07					
		iS		33	29					
		eL		50	31					
		M		56	46	16	20			
	N-S	0	03	10	27			83.6		
		iP		23	07					
		iS		33	32					
		eL		50	31					
		M		54	05	18		31		
9	E-W	i	01	19	57					
		L		23	53		s			
	N-S	i	01	20	00					
		eL		23	40			s		
<u>Suva</u>										
9	E-W	e	08	51.3						
	N-S	e	08	50.3						
		i		51.6						
9	E-W		20	50	-					Tremors.
	N-S	e	20	46.4						
<u>Wellington</u>										
10	E-W & N-S		03	30	-					Tremors.
14	E-W & N-S		01	+						Tremors and L waves.
14	N-S	L	05	54	53					
14	E-W	0	07	19	26			83.2		Chile.
		iP		32	03					
		iS		42	25					
		iSR ₁		48	12					
		L		58	10	27	s			
	N-S	0	07	19	34					
		iP		32	06					
		iPR ₁		35	50					
		iS		42	24					
		iSR ₁		48	27					
		SR ₂		51	50					
		eL		58	55	22		s		
14	E-W	eL	15	42	30					
		M		54	30	14	s			
	N-S	iL	15	43	00					
		M		52	35	15		s		

1927 - No. 43.

EARTHQUAKE REPORTS, NEW ZEALAND AND FIJI.

Register from - Dominion Observatory, Wellington, and Suva, Fiji.

1927 November

Date 1927	Direction	Phase	Time			Period s	Amplitude		Distance in degrees	Remarks
			G.	M.	T.		AE μ	AN μ		
<u>Wellington</u>										
Nov. 15	E-W	i	06	07	35					
	N-S	e	06	09	02					
16	E-W	0	21	10	10			63.8	East Indies.	
		iP		20	47					
		PR ₁		23	34					
		iS		29	21					
		SR ₁		34	12					
		SR ₂		36	29					
		L		40	34					
		M ₁		46	06	27	161			
		M ₂		48	14	19	162			
	N-S	0	21	10	42			61.5		
		iP		21	04					
		PR ₁		23	31					
		iS		29	14					
		SR ₁		34	09					
		SR ₂		36	57					
		L		41	29					
		M		42	34	22	127			
17	E-W & N-S		08	10	-				Tremors.	
17	E-W	eL	14	11	54					
	N-S	eL	14	12	01					
18	E-W & N-S		04	-	-				Tremors.	
19	E-W	0	07	29	39			19.7	Reported felt at Haapai, Tonga Is.	
		iP		34	16				Epic. lat. 20°S,	
		iS		37	56				long. 176°W (from	
		iL		39	56		s		Wellington and	
	N-S	0	07	28	39			22.0	Suva records)	
		eP		33	44					
		iS		37	44					
		L		39	59		s			
<u>Suva</u>										
	E-W	0	07	29.6				7.0	Suva ΔT uncertain,	
		iP		31.5					determined from	
		iS		32.9					Wellington time	
		i		34.1					of (0).	
		i		34.7			mm			
		M		36.1			2.5			
	N-S	0	07	29.2				7.5		
		iP		31.1						
		iS		32.6						
		iL		33.5			mm			
		M		35.1			3.2			
20	E-W & N-S		03	45					Tremors.	

1927 - No. 44.

EARTHQUAKE REPORTS, NEW ZEALAND AND FIJI.

Register from - Dominion Observatory, Wellington, and Suva, Fiji.

1927 November

Date	Direction	Phase	Time			Period s	Amplitude		Distance in degrees	Remarks
			G. M. T.				A _E μ	A _N μ		
1927			h	m	s					
<u>Wellington</u>										
Nov. 21	E-W	O	23	12	57				72.8	Chile.
		iP		24	32					
		iS		33	57					
		SR ₁		38	57					
		SR ₂		43	37					
		L		47	02					
		M		51	14	19	59			
	N-S	O	23	12	19				77.5	
		iP		24	23					
		iS		34	14					
		SR ₁		39	52					
		L		46	27					
		M		55	17	16	56			
<u>Suva</u>										
23	E-W	i	21	00.6						
	N-S	i	20	55.7						
		i	21	00.5						
		i		08.2						
25	E-W	e	22	50.3						
	N-S	e	22	48.9						
<u>Wellington</u>										
26	E-W & N-S									Tremors at intervals during day.
<u>Suva</u>										
26	E-W		02	-						Tremors. ΔT unknown; times therefore uncertain on this day.
	N-S	e	01	57.0						
26	E-W	i	09	45.0						
		i		47.9				mm		
		M		49.6				1.0		
	N-S	i	09	45.0					mm	
		M		49.6					0.5	
<u>Wellington</u>										
28	E-W	i	10	27	17					
	N-S	i	10	27	12					
<u>Suva</u>										
	E-W	O	10	12.7					13	
		iP		15.9						
		S		18.4						
		L		19.4				mm		
		M		21.1				3.0		
	N-S	O	10	13.3					11	
		iP		15.9						
		S		18.0						
		iL		18.5				mm		
		M		20.1				5.4		

EARTHQUAKE REPORTS, NEW ZEALAND AND FIJI.

Register from - Dominion Observatory, Wellington, and Suva, Fiji.

1927 December

Date	Direction	Phase	Time			Period	Amplitude		Distance in degrees	Remarks
			G.	M.	T.		A _E	A _N		
1927			h	m	s	s	μ	μ		
			<u>Wellington</u>							
Dec. 1	E-W	e	04	56	17	7				
		M	05	19	28	15	20			
	N-S	i	04	56	29	6				
		eL	05	05	23	20		s		L waves small and irregular.
			<u>Suva</u>							
2	E-W	i	03	56.8						
	N-S	i	03	56.8						
2	N-S	e	07	13.6						
2	E-W	e	14	25.5			mm			
		M		27.5			0.9			
	N-S	e	14	24.5						
		M						s		
			<u>Wellington</u>							
2	E-W	eL	18	59	36	15	s			Series of small L waves.
	N-S	eL	18	59	51	18		s		Series of small L waves.
			<u>Suva</u>							
2	E-W		19	+						Tremors.
			<u>Wellington</u>							
3	N-S	e	00	43	16					
			<u>Suva</u>							
3	E-W	e	08	11.8						
	N-S	e	08	10.9						
			<u>Wellington</u>							
5	E-W	i	10	02	46					Local shock.
	N-S	i	10	02	46					
5	E-W	e	18	30	+					Small tremors.
	N-S	e	18	30	+					" "
			<u>Suva</u>							
5	E-W	eL	20	29.1						
	N-S	e?	20	24.4						
		eL		29.5						
			<u>Wellington</u>							
7	E-W	i	05	36	31					Small local shock.
	N-S	i	05	36	36					
11	E-W	eL	15	40	7					Beginning un-
		M		42	54	14	44			certain owing to drum stop-
	N-S	eL	15	39	53					ping.
		M ₁		43	13	15		51		Other phases
		M ₂		54	38	14		40		not distinct.
			<u>Suva</u>							
	E-W	O	15	33.4					14	
		eP		36.8						
		iS		39.5						
		eL		40.2			mm			
		M		43.6			2.3			

EARTHQUAKE REPORTS, NEW ZEALAND AND FIJI.

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1927 December

Date	Direction	Phase	Time			Period	Amplitude		Distance in degrees	Remarks
			G.	M.	T.		AE	AN		
1927			h	m	s	s	μ	μ		
<u>Suva</u>										
Dec. 11	N-S	O	15	32.9					13	
		eP		36.1						
		iS		38.6						
		eL		39.7						
		M		-				mm 3.0		Record faint at M.
12	E-W	e	06	05.6						
	N-S	e	06	05.6						
12	E-W	e	13	07.9						
	N-S	e	13	07.7						
<u>Wellington</u>										
12	E-W	e	13	32	58		s			
	N-S	e	13	32	58	12		s		
<u>Suva</u>										
	E-W	O	13	21.4					12	
		iP		24.5						
		iS		26.9						
		iL		27.8			mm			
		M		28.8			0.6			
	N-S	O	13	21.6					11	
		iP		24.4						
		iS		26.6				mm		
		M		27.9				1.3		
<u>Wellington</u>										
12	E-W	iS	18	59	12					Initial phases masked by micro-seisms.
		iL	19	01	46					
		M		02	50	12	27			
	N-S	iS	18	59	03	12				
		iL	19	02	17	15				
		M		02	26	15		50		
<u>Suva</u>										
	E-W	O	18	51.7					19	
		iP		56.1						
		iS		59.6			mm			
		M	19	04.6			1.2			
	N-S	O	18	52.3					16	
		iP		56.1						
		iS		59.1				mm		
		M		-				3.0 +		
<u>Wellington</u>										
13	E-W	e	01	10	-					Tremors.
	N-S	e	01	10	-					Tremors.
15	E-W & N-S	e	16	40	-					Tremors.
16	E-W & N-S		10	30	-					Tremors.
16	E-W	eL	16	27	39		s			
	N-S	eL	16	27	49			s		
19	E-W & N-S	e	06	15	-					Tremors.

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1927 December

Date 1927	Direction	Phase	Time			Period s	Amplitude		Distance in degrees	Remarks
			G. M. T. h m s	AE μ	AN μ					
<u>Wellington</u>										
Dec. 20	N-S	eS	18	02	14					P waves doubtful. Record failed on E-W component.
		eL		07	14	20				
		M ₁		08	37	20		25		
		M ₂		11	30	13		26		
21	N-S	eL	04	34	52					17
		M		37	14	13				
22	E-W & N-S		13	30	-					Tremors.
22	N-S	e	14	21	57					Tremors.
23	E-W	e	10	00	03					Tremors.
	N-S	e	10	00	03					"
<u>Suva</u>										
	E-W	e	09	56.8						0.5
		eL		58.6						
		M	10	01.6						
	N-S	O	09	51.0					15	1.0 +
		eP		54.7						
		eS		57.6						
		M	10	00 +						
<u>Wellington</u>										
25	E-W & N-S		22	-	-					Slight tremors.
26	E-W & N-S		11	-	-					Slight tremors. A strong shock felt at Rome on this day.
28	E-W	iS	18	41	22	12				153 62 44
		iSR ₁		46	43					
		eL	19	00	46					
		M ₁		03	11	30				
		M ₂		14	34	20				
		M ₃		23	08	17				
	N-S	iS	18	38	01	4				75 29 22
		iSR ₁		51	06	8				
		eL		58	56					
		M ₁	19	10	49	20				
		M ₂		17	57	14				
		M ₃		26	23	12				
<u>Suva</u>										
	E-W	O	18	18.4					87	(Apia $\Delta = 73^\circ$). Kamtchatka.
		iP		31.4						
		iS		42.1						
		iL		58.4						
	N-S	O	18	19.0					80	0.7 s
		iP		31.4						
		iS		41.5						
		M		43.5						
		iL		58.5						

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EARTHQUAKE REPORTS, NEW ZEALAND AND FIJI.

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1927 December

Date	Direction	Phase	Time			Period	Amplitude		Distance in degrees	Remarks
			G.	M.	T.		A _E	A _N		
1927			h	m	s	s	μ	μ		
<u>Suva</u>										
Dec. 29	E-W	O	11	52.0					32	
		iP		58.9						
		iS	12	04.3						
	M		05.7			mm	0.6			
	N-S	O	11	53.9					25	
		iP		59.4						
iS		12	04.0				s			
<u>Wellington</u>										
30	E-W & N-S		19	30	-					Tremors.
31	E-W	O	23	13	18				25.1	
		iP		18	57					
		iS		23	23					
		L		23	32					
		M		27	23	10	41			
	N-S	O	23	13	14				25.5	
iP		18	57							
iS		23	27							
L		25	07							
M		25	35	17	54					
<u>Suva</u>										
	E-W	e	23	19.3						Phases not distinct.
		i		27.2						
		iL		35.6						
		M		45.4						
								s		

C. E. Adams