

PRELIMINARY SEISMIC READINGS FROM APIA OBSERVATORY, WESTERN SAMOA



59/1

RECEIVED
16 JAN 1959
GEOPHYSICS DIVISION

APIAVALU.

1958					
DEC.	29	eP	15	02	51
		eS		04	(57)
	30	P	23	32 ³	54
		eS		34 ⁵	05
	31	eP	01	34	42
1959					
JAN.	1	e1	07	27	39
		e		29.3	
	1	e1	07	51	08
		e		52	39
		i		55	28
	1	1P	11	49	15
		S		50	(24)
	3	1P	09	57	38
		1S		58	34
	3	1P	15	46	51
		1S		47	52
	3	eP	17	10	31
		eS		11	41
	3	eP	19	41	36
		S		42	06
		e(T)		43	50
		(T)max		44	10
	4	eP	03	34	03
		e		35	15
		1S			38

APIA.

Additional:					
1958					
DEC.	15	eP	12	44	(38)
		eS		47	36
Continuation:					
1959					
JAN.	2	P	11	01	30
		1(S)		05	45
	5	P	09	51	00
		1(PP)			48
		1		54	18
		1Pop?			36
		e		54.7	
		e(S)		56	35

Apia Observatory,
WESTERN SAMOA.
8.1.59.

APIA OBSERVATORY PRELIMINARY SEISMIC READINGS.

59/2.

AFIAMALU:

JAN.	5	eP S	13	52	24 47
	6	1(P)	15	00	37
	9	eP iS	14	52 55	26 33
	10	eP iS	03	10 11	40 48
	10	iP	06	05	57
	11	iP iS	06	55	31 50
	12	iP iS	09	50 51	32 02
	13	iP iS	17	08 10	45 50
	13	iP	19	46	24
	14	iP! iS!	13	19 21	58 47
	14	eP eS	22	00 01	22 04
	15	iP! (i) iS	21	23 24 25	24 58 46
	16	eP eS e	15	18 19 25	43 58 58

JAN.	16	iP iS	20	41 42	51 19
	16	e e(S)	20	44 44	22 30
	17	1(P)	14	40	56
	20	1!	22	20	00

APIA:

	18	eP i iS!	22	25 26	12 18 38
--	----	----------------	----	----------	----------------

Apia Observatory.

WESTERN SAMOA.

23rd January, 1959.

APIA OBSERVATORY PRELIMINARY SEISMIC READINGS 59/3.



APIA.

JAN. 22	e e(L)	05	30 44.2	(40)
24	eP eS	15	53	02 51
26	iP iS	05	49 50	29 14
26	eP S	07	36 37	24 07.5
26	eP eS	08	46 49	14 (32)
27	eP i iS	14	57 58	46 10 27
30	eP eS	18	13 17	51 07

SEISMOLOGICAL OBSERVATORY
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5 - FEB 1959
WELLINGTON, N.Z.

Weak

Apia Observatory,

WESTERN SAMOA.

30th January, 1959.

APIA OBSERVATORY PRELIMINARY SEISMIC READINGS 59/4.



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13 FEB 1959
GEOPHYSICS DIVISION

APIA.

JAN.	30	1P e1S	20	26 27	36 01
FEB.	2	eP eS	03	23 25	(28) (48)
	3	eP 1S	08	28	23 49
	3	e(P)	08	30	24
	4	eP 1S	09	23	01 24
	6	e(P) e	02	11½ 14	
	6	1P S	09	07 08	39 (15)

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WESTERN SAMOA
6.2.59.

APIA OBSERVATORY PRELIMINARY SEISMIC READINGS 59/5.



APIA.

SEISMOLOGICAL OBSERVATORY
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 27 FEB 1959
 WELLINGTON, N.Z.

FEB.	7	eP	09 49 56
		e(PP)	53 08
		e(S)	10 00 07
	8	eP	05 48 54
		IS	51 04
	8	eP	12 24 00
		S	19
	8	IP	12 30 02
		S	18
	11	IP	21 37 22
		S	42
		Felt Apia	mm 2
	13	eP	01 48 24
		IS	50 42
	13	eP	15 11 02
		IS	12 34
	16	eP	07 57(03)
		eS	59(37)
	17	eP	12 45 53
		IS	46 14
	18	eP	02 00 04
		eS	02 09

Phase time unreliable due to clock trouble

" " " " " "

Apia Observatory
 WESTERN SAMOA
 20.2.59.

APIA OBSERVATORY PRELIMINARY SEISMIC READINGS 59/6.



APIA.

1959

FEB.	21	eP	03	02	38
	23	e	02	06	(15)
	25	eP IS	03	03 04	31 43
	25	eP i eS	10	04 06 06	45 08 11
	26	e(P)	07	10	09
	26	iP S	21	05	01 21
	28	eP eS	05 06	58 02	46 (10)
	28	e	06	52	(07)
MARCH	1	eP eL	16 17	58 17.2	44
	2	eP IS	15	21 22	39 30
	4	iP eS	18	56 58	53 12

21st.
23rd.

RECEIVED
- 9 MAR 1959
GEOPHYSICAL

Apia Observatory,
WESTERN SAMOA.
4th March, 1959.

APIA OBSERVATORY PRELIMINARY SEISMIC READINGS 59/7

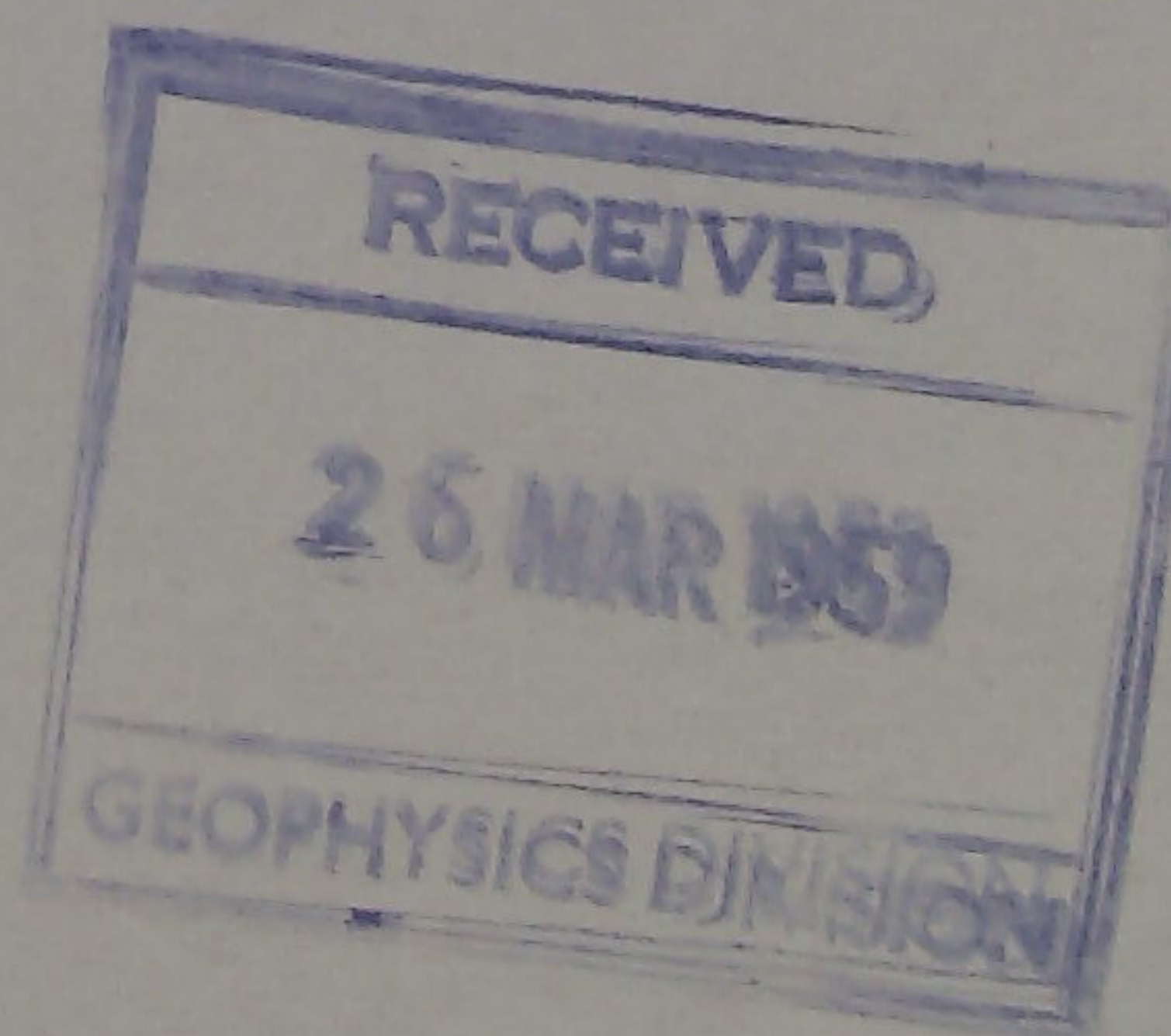


APIA.

March	6	e(P) i(PP) e i	11	25 (03) 39 28 20 29 10
	7	iP iS	14	46 59 47 34
	7	i	14	50 22
	8	eP eS	02	59 27 47
	9	e(P)	08	48 (00) weak
	9	eP eS	11	26 45 28 08
	11	e(PcP) e(S) e(SS) e e(ScS)	07	17 21 18 (46) 19 43 21 24 25 17
	11	eP i S	00	31 20 40 42
	11	eP i i e	16	50 16 37 51 13 52 48
	13	eP eS	04	01 18 03 (25)
	13	iP S	17	50 41 51

March	14	eP eS	03	02 44 03 17
	14	iP eS	17	05 23 45
	15	iP iS	21	29 40 30 31
	16	eP eS	22	11 (52) weak 14 29

Apia Observatory,
WESTERN SAMOA.
20th March, 1959.



APIA OBSERVATORY PRELIMINARY SEISMIC READINGS 59/8.

APIA.

March 20	eP 1S	02	12 13	21 30	March 31	eIP 1S	07	21 33	14	Felt Apia mm 1-2
20	eIP 1S	18	43 44	47 30	April 2	eP eS	21	50 51	24 42	
21	eP e(PF) 1 eS	04	29 30	18 29 45 50						
22	1P 1S	17	16	23 49						
23	1P! S	13	24 25	53 21						
25	eP eS	00	02 04	24 08						
27	eP 1S	09	27 28	30 11						
28	1P! 1S!	19	49 50	14 50						
29	eP 1S	17	28 29	56 42						
30	eP 1S	18	20	09 50						
30	1	18	24	09						

Apia Observatory,
WESTERN SAMOA.
4th April, 1959.

SEISMOLOGICAL OBSERVATORY
RECEIVED
10 APR 1959
WELLINGTON, N.Z.

Win Delbridge

*Place in file
in seis room
17.*

APIA OBSERVATORY PRELIMINARY SEISMIC READINGS 59/9.



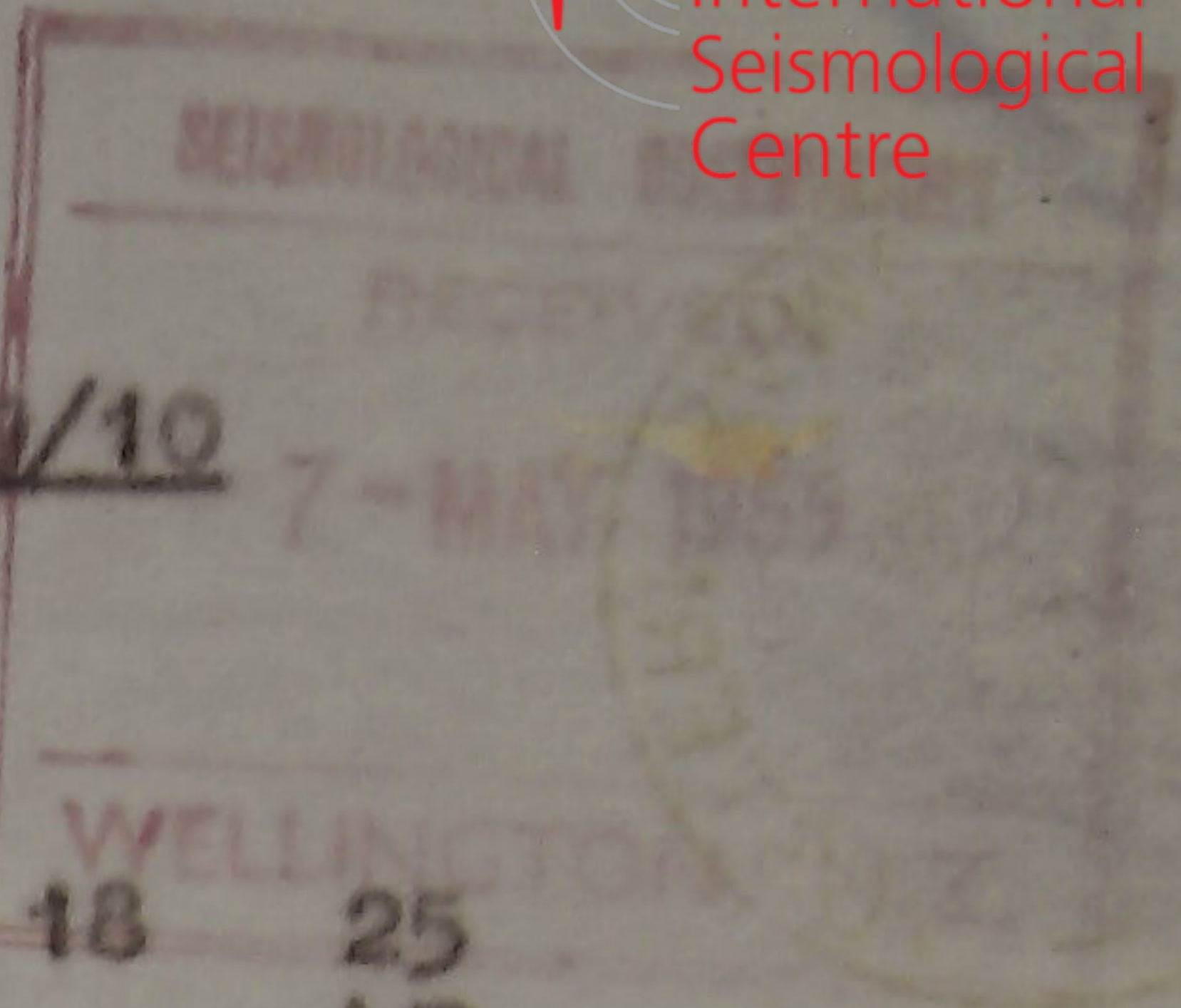
APIA.

APR.	5	1P	05	14	07	
		1S			30	
	6	e	21	10	24	
	6	eP	07	00	40	
		eS		02	20	
	8	eP	01	27	40	
		1S		31	06	
	8	1P!	08	02	35	Pendulum
		1S!		03	12	clock rate
		FELT APIA MM 2-3		affected.		
	8	1P!	15	41	(29)	
		1S!			(48)	
		FELT APIA MM 2-3				
	8	eP	16	16	(26)	
		1S			(46)	
	10	1P	05	50	46	
		S		53	16	
	11	1P	17	56	26	
		S			44	
		FELT APIA MM 3				
	13	1P!	20	54	38	
		Trace motion too rapid for S registration				
		FELT APIA MM4				
		Code for 1/2 hr.				

Apia Observatory,
WESTERN SAMOA.
14th April, 1959.

SEISMOLOGICAL OBSERVATORY
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24 APR 1959
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APIA OBSERVATORY PRELIMINARY SEISMIC READINGS 59/10



APIA

APR. 16	eP 18	07	30 32	26 36
16	1P e18	15	38	28 50
16	1P	16	28	01
17	eP e8	10	33 35	54 38
19	eP e8	11	06 07	28 32

No record from 19d 18h
58m to 19d 19h 46m
Felt report 19 19 30 +
; mm3.

20	1(P)	05	35	22
21	e1P e8	01	30 32	17 18
24	eP 18	02	29 30	20 25
24	eP 18	08	45 46	29 03

APR. 26	eP 8	05	18	25 47
Felt Apia mm 1-2				
26	eP e(S) e e(L _Q)	20 21	52 01	07 (39)
			06.1 12	
27	eP 8	18	25	10 40
28	eP	11	22	(06)

APIA OBSERVATORY,

WESTERN SAMOA.

1st May, 1959.

APIA OBSERVATORY PRELIMINARY SEISMIC READINGS 59/11

APIA.

SEISMOLOGICAL OBSERVATORY
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22 MAY 1959
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May					
9	1P	05	26	20	
	S			42	
10	eP	23	00	20	
	iS		01	52	
12	eP	17	57	18	
	S		58	03	
15	eP	00	51	40	
	eS		53	(42)	
13	e1P	09	52	24	
	S			45	
14	eP	04	22	12	
	iS?			47	
14	eP	09	37	43	
	i		38	43	
14	e(P)	11	53	(25)	
14	e(P)	13	23	40	

Apia Observatory,
WESTERN SAMOA.
15th May, 1959.



APIA OBSERVATORY PRELIMINARY SEISMIC READINGS

SEISMOLOGICAL OBSERVATORY
 RECEIVED
 18 JUN 1959
 WELLINGTON, N.Z.

APIA

MAY 22	1P S	06	23	10 31	JUNE 4	eP eS	04	53 55	58 54
23	eP eS	06	09 11	05 11	4	1P 1S!	21	53	08 36
24	eP 1S	04	41 43	44 34	5	eP 1S	12	53 54	(51) 31
28	eP	04	06	30	6	eP	04	32	(22)
JUNE 1	1P! S	02	37	31 47	6	1(P) e e	04	32 34 35	50 42 38
2	eP e e	04	34 36 38	(51) (52) 39	6	eP S	10	15	10 32
2	eP	04	47	(22)	7	e(P) e(S)	17	48 50	21 12
2	eP e(S)	04	26 28	18 15	10	1P 1 1S	10	52 53 54	50 09 37
3	eP eS	03	05	02 22	11	eP eS	01	12 13	04 53

Apia Observatory,
 WESTERN SAMOA.
 12th June, 1959.

APIA OBSERVATORY PRELIMINARY SEISMIC READINGS 59/13.



APIA

JUNE 16	eP eS	11	30 32	30 58	30	eP 1S	10	28 29	08 29
17	eP eS	10	10	13 56	1	1P S	09	11	01 20
17	1(P)	20	50	34	2	eP 1S	11	29 31	58 38
18	eL?	21	41			1P 1S	11	36 38	31 12
20	e	10	08	17	2	eP 1PP ePcP eS ePcS e 1!SeS	17	58 59 02 03 05 07 11	46 33 (25) 28 54 47 00
21	eP 1S	11	00 01	(24) (13)	3				
23	1P! S	19	14 15	48 12					
25	eP S	04	07 08	56 21					
26	eP 1S	02	47 48	10 14					
26	eP S	05	12	05 38					
26	eP eS	22	26 27	29 42					
27	1P! S	06	02	05 21					
27	eP	19	09	(13)					
27	1	19	20	20					
28	1P eS	06	26 28	39 15					
28	1	19	54	12					
29	eP eS	07	32 33	35 42					

WESTERN SAMOA OBSERVATORY
 6561 700-6
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Apia Observatory,
WESTERN SAMOA.
 3rd July, 1959.



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30 JUL 1959

GEOPHYS.

59/14

APIA OBSERVATORY PRELIMINARY SEISMIC READINGS

APIA

JULY 1959

JULY 13

4	ep	04	57	00
	es		58	58
4	ep	05	10	(07)
	e		12	07
4	ep	15	12	58
	is		13	23
4	ep	15	47	(18)
	es		47	42
5	ep	11	15	41
	is		16	16
9	ep	09	07	40
	s		07	58
9	1P	11	04	49
	is!		05	07
9	1P	12	06	24
	is!			42
10	ep	02	17	(02)
	es		19	(28)
10	ep	17	30	38
	is			56
10	ep	21	47	44
	is		48	04
11	1P!	04	56	19
11	ep	17	38	03
	is		38	37
12	ep	00	26	17
	is		27	45

12	e	12	39	(35)
13	ep	15	27	46
	es		30	08
14	ep	18	17	10
	es		19	01
18	ep	07	03	05
	is		04	59
18	1P	14	13	06
	is		13	25
18	ep	20	06	27
	es?		15	39
19	1	15	23	24
20	1!	02	52	06
20	1P!	09	07	22
	is			47
20	1P	16	56	24
	is		58	35
21	ep	07	48	(06)
	es?		54.4	
21	ep	10	11	44
	is		13	52
23	ep	14	59	27
	es	15	01	26

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WESTERN SAMOA.

23.7.59.



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APIA OBSERVATORY PRELIMINARY SEISMIC READINGS 59/15

APIA.

JULY 24	e	01	55.1	
1959				
25	eP 18	02	25	06 28
25	eP 18	18	20	07 27
27	eP e(8) 1	14 15	59 00 02	45 15 51
28	eP 18	02	16	10 32
29	1P 8	00	32 33	52 (25)
29	eP 8	11	08 09	41 00
29	eP 18!	16	52 53	45 18

Apia Observatory,

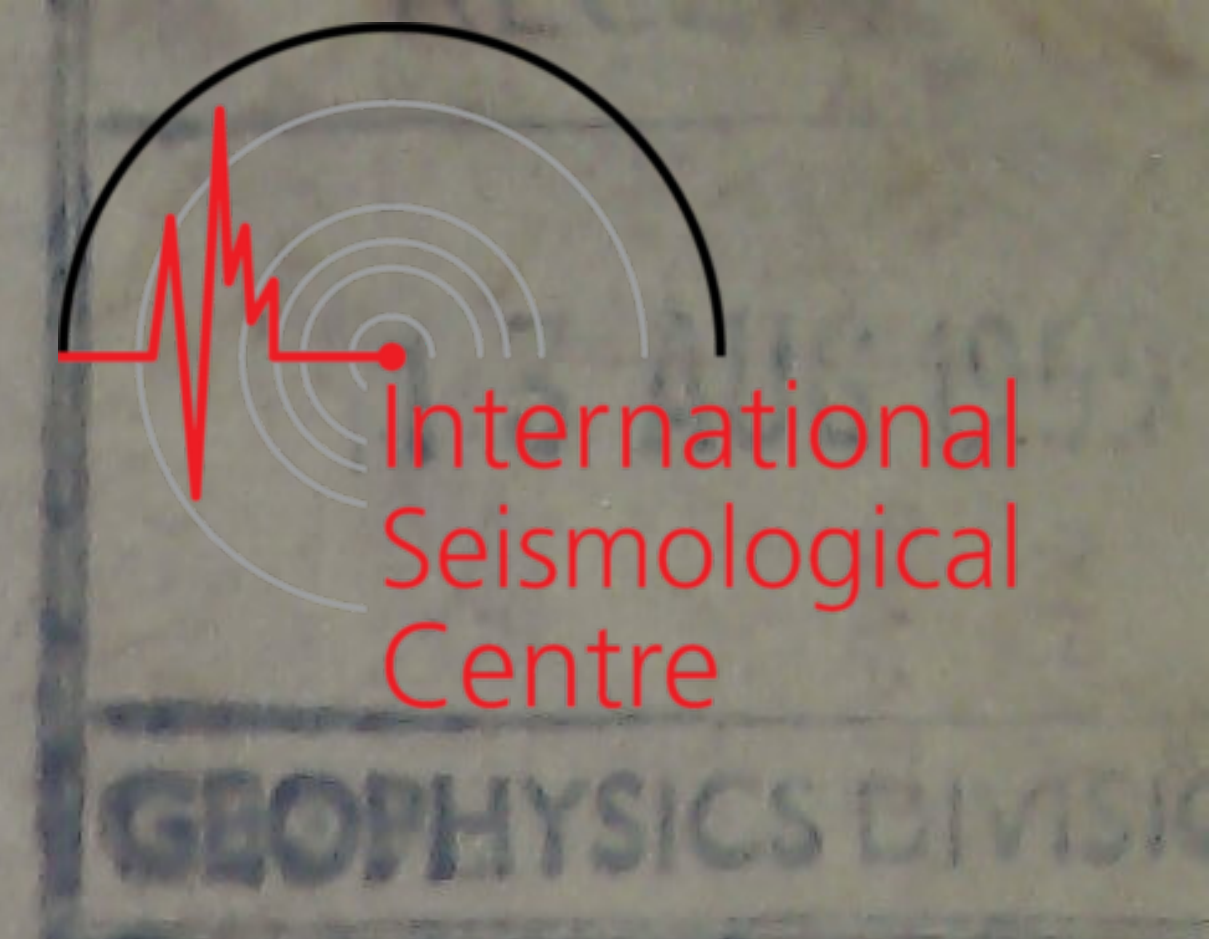
WESTERN SAMOA.

30.7.59



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APIA OBSERVATORY PRELIMINARY SEISMIC READINGS 59/16

APIA.

AUG. 1959	1	1P! 1S!	10	16 17	52 18
			FELT APIA MM 3		
	4	1P 1S	08	04 06	30 11
	5	eP eS	17	16 17	24 10
	6	eP 1S	09	32	07 28
	7	eP 1S	08	56	08 27

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WESTERN SAMOA.

7th August, 1959



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APIA OBSERVATORY PRELIMINARY SEISMIC READINGS 59/17

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27 AUG 1959

APIA.

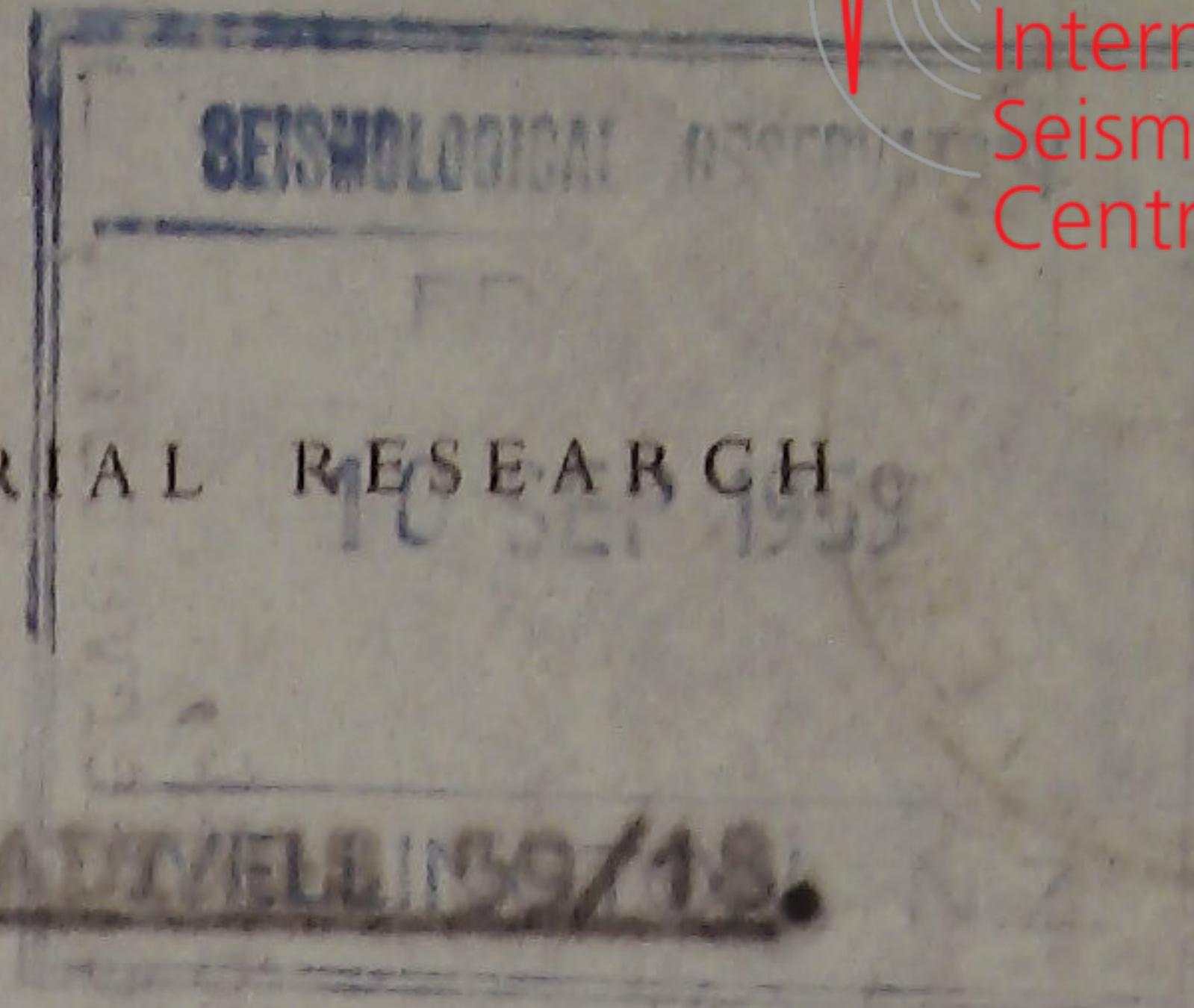
AUG. 8 1959	1P! S	22	19 20	42 02	AUG. 16	eP eS	04	15	38 57
9	eP	13	53	58	16	1P! 1B!	09	55 56	19 36
10	eP S	11	32 33	28 (03)	17	eP 1B	01	03 05	47 28
11	1P! S	06	56 57	51 10	17	1P 1B!	05	13	03 28
11	1P!	21	55	06	17	eP	18	22	(35)
12	eP	09	59	50	17	1P	20	40	34
13	1	23	26	58	17	1P	21	41	13
14	eP eS	16	41 42	21 18	17	1P e	21	41 18.1	13
14	1P 1B	18	18	06 54	17	1P! 1B	21	25	42 56
14	1(P)	21	12	57.5	18	1P e eL	06 07	49 00	39
15	eP 1 e e e	09	08 09 18.1 22.6 34	46 10	19	eP 1 1	12	02 04 07	48 02 09
15	eP 1 eS eL	13	16 17 18.1	16 41 47	19	eP 1(PP) e e	17	14 15 22	29 45 (48) 52
16	1P e(L)	00 01	56 01.3	20					

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21st August, 1959.



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APIA OBSERVATORY PRELIMINARY SEISMO RECORDS 1959/18.

APIA.

AUG. 1959	20	eP 18	12	24 25	32 14		AUG. 1959	27	eP 18	07	57 58	.02 48
	23	eP 18	00	55 56	06 01			30	eP 18	04	05 06	38 10
	23	eP e e e	20	16 17 21.6 22.4	53 (44)			30	1P 18	06	23	18 57
	24	e	15	47	(30)			31	eP 8	12	14 15	42 20
	26	(e) e	11	02 05			SEPT. 1959	2	1P 18	07	14 15	55 15
								3	eP 18	02	41 42	13 51

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WESTERN SAMOA.
4 th September, 1959.



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RECEIVED
24 SEP 1959
GEOPHYSICAL DIVISION

APIA OBSERVATORY PRELIMINARY SEISMIC READINGS

APIA.

SEP. 1959

3	eP	21	49	45
	e		50	15
	eS		51	(05)
3	eP	21	52	(20)
	i			46
	eS		53	42
4	eL?	04	24	
5	1P	23	07	00
6	e(P)	18	07	10
10	eP	02	34	(37)
	1S		35	57
11	eP	12	29	39
	1S		30	11
12	e(P)	02	02	(14)
	e(L)		12	
	e(L)		16.5	
14	eP	13	18	(33)
	1S		20	34
	e		21	26
14	eP	14	13	21
	i			47
	1S		15	59
	i		16	10
	e		17.2	

SEP. 1959

14	eP	17	09	59
	1S		12	36
	e		13.	(2)
15	eP	06	03	16
	eS		05	52
15	eS	06	18	50
16	eP	16	00	40
	eS		05	14
	e(L)		03	56
17	eP	14	39.7	
	eS		42	(26)
17	eP	17	22	02
	1S			35

APIA OBSERVATORY.

WESTERN SAMOA.

18-9-59.



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APIA OBSERVATORY PRELIMINARY SEISMIC READINGS 59/20.

APIA

SEP. 19	eP eS	09	27	06 40
21	eP IS	02	41 42	08 18
21	eIP eS	11	15	16 34
22	eP eS	11	44 45	(58) 27
24	eP IS	05	54	20 46
27	eP eS	11	30 31	(13) (09)
28	eP	02	12	(10)
29	eP eS	15	32 35	(27) 07

Prominent coda for over 1 hour

30 *	P eS e	05	00 02 04.5	- On time break 26
30 *	eP eS e	13	35.5 37 39.7	54
30 *	e e	14	59 02	40 48
30 *	eP S	16	25 26	08 (05) On time break

SEP. 30 1P! 29 30 37 Deep.
1 RECEIVED 31 37

Note.

These times may be considerably in error. The S-P interval, however, is reliable.

9 OCT 1959

GEOPHYSICS DIVISION

Apia Observatory,
WESTERN SAMOA.
2.10.59.



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DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH

APIA OBSERVATORY PRELIMINARY WELSHIC READINGS 59/21.

APIA

OCT.	3	eP	10	16.	(22)
		c			50
		1B		18	52
	3	eP	09	23	20
		eS			54
	4	e(P)	21	41	(38)
		e(S)		43	10
	6	e1P	12	40	24
		S			52
	8	e(P)	00	08	
	9	eP	16	10	22
		e(S)		13	32
	11	1P!	07	49	47
		1B!		50	14
	14	eP	20	35	26
		e(S)		36	32
	15	e(P)	06	27	10
	15	eP	07	35	
		eS		36	(39)

6 - NOV 1959
GEOPHYSICAL DIVISION

On time break.

On time break.

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WESTERN SAMOA.
16.10.59.



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6.7 NOV 1959
GEOPHYSICAL OBSERVATORY

APIA OBSERVATORY PRELIMINARY SEISMIC READINGS 59/22.

<u>APIA.</u>									
OCT. 16	1P 1S	13	39 40	39 04	OCT. 30	1P S	04	36 37	45 (06)
18	eP eS	10	53 54	46 17	30	1P 1(PF) 1S!	07	06 08	36 49 01
19	eP 1 eS 1	08	30 31 33	50 45 22 38	50 Prominent coda				
19	1P eS	13	55 57	10 05	30	eP 1S! eL	14	00 02 03.1	58 45 Prominent coda
20	eP eS	12	45 46	13 52					
22	eP e(S)	01	31 33	(29) 23	Apia Observatory, WESTERN SAMOA. 2.11.59.				
22	1P! S	09	24	28 46					
23	e e	11	55 57	(41) (51)	Work				
29	eP eS	14	23 26.2	34					



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APIA OBSERVATORY PRELIMINARY SEISMOLOGICAL READINGS 59/23

APIA.

Date	Time	Station	Depth	Intensity	Direction	Remarks
OCT. 31	1P	04	28	48	FELT 1942	
	1B		30	05		
31	0P	14	05	43		
	0B		05	20		
OCT. 19	0P	04	57	(36)		
	1B		39	13		
19	0P	02	16	09		
	0B		18	14		
NOV. 2	0P	13	04	42		
	0B		05	23		
2	0IP	13	35	(15)		
	1B		36	13		
2	0P	21	55	36		
	0B		57	23		
3	0P	09	07	30		
	1B		09	18		
3	1P	09	51	56	Deep	
	(0)		38	35		
3	0P	14	46	49		
	1B		47	40		
3	0P	15	52	38		
	0B		53	27		
5	e(P)	11	55	06		
	1			14		

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APIA OBSERVATORY PRELIMINARY SEISMIC READINGS 59/24.

APIA.

NOV. 15	eP	10	08	58		NOV. 24	eP	14	06	17
	eS		11	08			iS		07	50
14	eP	04	39	04			eP	21	42	39
	iS			28			iS		44	10
17	eP	13	04	49		25	eP	07	32	09
	iS		05	21			eS			37
19	eP	05	28	40		26	eP	06	09	51
	iS		30	40			eS		10	22
	iP	11	16	27			eP	07	18	53
	iS		22	44			iP	07	40	45
	eL		26.0				eS		41	27
20	iP	01	46	14			eL		41.6	
	iS			34			eS	16	17	16
	iP	15	17	31	at					
	iS			56	Felt Apia.					
23	eP	16	18	15	^					
	eP	19	12	30		Apia Observatory,				
	eS			55		WESTERN SAMOA.				
24	eP	02	35	32		27.11.59.				
	eS		36	02						
	eP	12	43	49						
	eS		45	44						

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APIA OBSERVATORY PRELIMINARY BRISQIC READINGS 59/21.

<u>APIA</u>					
OCT.	3	ep	10	16	(22)
		e			50
		is		18	52
	3	ep	09	23	20
		es			54
	4	e(P)	21	41	(38)
		e(S)		43	10
	6	e1P	12	40	24
		S			52
	8	e(P)	00	08	
					On time break.
	9	ep	16	10	22
		e(S)		13	32
	11	1P!	07	49	47
		1B!		50	14
	14	ep	20	35	26
		e(S)		36	32
	15	e(P)	06	27	10
	15	ep	07	35	
		es		36	(39)
					On time break.

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APIA OBSERVATORY PRELIMINARY SEISMO READINGS 59/22.

APIA.					APIA.				
OCT. 16	1P 1B	13	39 40	39 04	OCT. 30	1P S	04	36 37	45 (06)
18	ep es	10	53 54	46 17	30	1P 1(PF) 1B!	07	06 08	36 49 01
19	ep 1 es 1	08	30 31 33	50 Prominent coda 45 22 38	30	ep 1B	08	48 49	36 00
19	1P es	13	55 57	10 05	30	ep 1B! es	14	00 02 03.1	58 Prominent 45 coda
20	ep es	12	45 46	13 52					
22	ep e(s)	01	31 33	(29) 23					
22	1P! S	09	24	28 46					
23	e e	11	55 57	(41) Work (51)					
29	ep es	14	23 26.2	34					

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APIA OBSERVATORY PRELIMINARY SEISMIC READINGS 59/23

APIA.

OCT. 31	1P	04	28	48	FELT 1112	NOV. 6	eP	11	45	(36)
	1S		30	06			1			40
31	eP	14	03	43			eS		47	(24)
	eS		05	20		6	e	11	56	30

ADDITIONAL.

OCT. 19	eP	04	37	(36)		7	eP	21	45	34
	1S		39	13			eS		47.9	
19	eP	02	16	09		7	eP	22	18	45 Prominent
	eS		18	14			e(S)		20	(20) code.
							eL		21.1	
NOV. 2	eP	18	04	42		8 (1)		14	06	25
	eS		05	23						
2	eIP	18	35	(15)		8	eP	14	36	10
	1S!		36	13			eS		38	(30)
2	eP	21	55	36		11	eP	09	23	29
	eS		57	23			eS			49 Weak.
3	eP	09	07	30						
	1S		09	18						
3	1P!	09	51	56 Deep						
	(e)		58	35						
3	eP	14	46	49						
	1S!		47	40						
3	eP	15	52	38						
	eS		53	27						
5	e(P)	11	55	06						
	1			14						

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APIA OBSERVATORY PRELIMINARY SEISMIC READINGS 59/24.

APIA.

NOV. 13	eP	10	08	58
	eS		11	08
14	eP	04	39	04
	iS			28
17	eP	13	04	49
	iS		05	21
19	eP	05	28	40
	iS		30	40
	iP	11	16	27
	iS		22	44
	eL		26.0	
20	iP	01	46	14
	iS			34
	iP	15	17	31
	iS			56
23	eP	16	18	15
	eP	19	12	30
	eS			55
24	eP	02	35	32
	eS		36	02
	eP	12	43	49
	eS		45	44

Felt ^{at} Apia.

NOV. 24	eP	14	06	17
	iS		07	50
	eP	21	42	39
	iS		44	10
25	eP	07	32	09
	eS			37
26	eP	06	09	51
	eS		10	22
	eP	07	18	53
	iP	07	40	45
	eS		41	27
	eL		41.6	
	eS	16	17	16

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APIA OBSERVATORY PRELIMINARY SEISMOLOGICAL READINGS 59/25

DATE	TYPE	TIME	AMPLITUDE	PERIOD	DATE	TYPE	TIME	AMPLITUDE	PERIOD	REMARKS
NOV. 26	ep	22	35	39	DEC. 5	ep	13	18	03	Very emergent. Very shallow.
	es			54		es		19.1		
	ep	23	22	06		lp	01	07	02	
	lp			44		ls			33	
27	lp	10	44	32		ep	09	26	18	
	es		46	14		ls		28	02	
	ep	12	07	16		ep	13	11	39	
	ls			57		ls			50	
28	ep	02	49	10		lp	14	06	06	
	ep	07	36	22		ls		07	22	
	es		39	07						
	ep	09	20	16						
	lp			51						
	es		25	03						
	ep	21	42	55						
	es		43	32						
	lp	22	44	03						
29	ep	05	50	22						
	es		52	22						
DEC. 2	ep	04	21	25						
	es		23	25						
	ep	03	21	13						
	ls			31						
	ep	06	09	48						
	ep	09	44	52						

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APIA OBSERVATORY PRELIMINARY SEISMIC READINGS 59/26.

APIA.

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DEC. 9	eP 1S	14 30	14 36		DEC. 13	eP 1S	16 04 05	41 12
9	eP e e	21 53 54	35 58 39		13	eP 1S	17 37	11 52
10	eP 1S	03 57	18 40		14	1P 1S	05 19 20	50 10
10	eP eS	15 50	29 48		14	eP eP 1S	21 59	13 15 33
10	eP eS	16 06	22 42		15	eP 1S	08 58	37 58
11	eP eS eL	01 40 42 43.6	56 40 40	Prominent coda for over 1/2 hr.	16	eP eS	03 40 41	44 16
11	eP eS i	10 09 11	36 13 18		16	1P eS	13 21	38 58
12	eP 1S	11 14	38 58		16	eP eS	16 47 49	54 36
12	eP 1S	14 13 14	42 01		17	eP 1S	02 58 03 00	42 35

Note : All phases from Apia (AA) not Afiamalu (AF).

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