JAN. 1	i(P)	z	03	22	55	dil.
	ei(S)	z		24	32	
1	iP	zZ	06	22	53	
	iS	zZN		23	12	
1	eP	z	12	19	04	
	eiS	z		21	19	
	eiT	z		32	02	
1	iP	z	15	35	15	comp.
2	eiP	z	05	54	29	
	eiS	z		55	46	
	eT	z	06	01	35	
2	eiP	z	11	51	55	
2	iP	zZ	11	53	16	
	iS	ZN			42	
2	eiP	z	21	10	45	
	iS	z		11	55	
	eT	z		17	30	
2	eiP	z	23	12	33	
3	ei(P)	z	00	50	38	
3	eiP	z	06	54	08	
	S	z		57	44	
3	iP	z	07	26	01	comp.
	eiS	z		28	20	
3	iP	zZ	11	22	38	dil.
	eiS	zZN		23	52	
	eiT	z		29	21	
3	eiP	zZ	23	54	50	
	eS	N		58	46	
	eL	Z	00	00.0		
4	iP	z	04	46	45	dil.
	eS	ZN		55.8		
	eL	ZN	05	07.3		
4	iP	z	07	44	20	
4	iP	z	12	34	25	
	eiS	zZN		35	00	
4	iP	z	16	42	06	
	eiS	zN			25	
5	iP	z	00	24	58	comp.
	eiS	ZN		26	09	
5	eiP	z	06	38	51	
	iS	z		40	01	
	eT	z		46	04	
5	iP!	zZN	08	08	27	

Comp from North.
Motion too rapid for S registration.
Felt: Apia MM3

JAN. 5	iP	z	08	17	13
	ei(S)	N		18	01
	Felt: Apia				
5	eP	z	08	30	03
	eiS	N			18 Local
5	eP	z	08	40	03Local
	eiS	N			19
5	eP	z	09	19	50Local
5	eP	z	09	24	31Local
5	iP	z	09	30	27Local
5	eiP	z	09	35	35Local
5	iP	zZ	10	21	11Local
	iS	N			27
5	iP	zZ	10	37	11Local
	iS	ZN			29
5	iP	z	10	42	00Local
	eiS	N			16
5	ei(P)	z	11	56	05
5	iP	z	14	10	52 comp.
	eS	ZN		12	06
5	eP	z	15	27	25
	ei	z		28	20
	e	z		32	10
	ei	z			55
5	e(P)	z	20	12	55
	e(S)	z		13	55
6	iP	z	01	24	46Local
	eiS	zN		25	02
6	eP		15	52	08(AA)
	eiS				25
7	iP	z	07	25	16
	iS	zN			44
	eT	z		27	08
7	iP	z	10	23	04
7	eiP	z	22	53	46
	i	z		54	17
	e	z		55	52
8	iP	z	01	43	02
	eiS	zN			22
8	eS?	N	01	44.8	
	e	Z		49.2	
	e(L)	N		50.3	
	eL	ZN		52.8	
8	iP	z	17	10	54

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JAN.	8		eiP	z	17	15	17
			iS	N			47
	8		iP	z	18	21	26
			eiS	z		23	00
	8		eS?	N	20	12	40
	9		eL	ZN	13	12.0	
	9		iP	z	23	58	18 dil.
			eiS	zN	00	00	18
	10		iP	z	09	01	25
			iS	N			47
	10		eiP	z	20	07	14
			eiS	z		08	48
	10		iP	z	20	47	03 comp.
	11		eiP	z	01	52	24
			iS	z		54	29

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Apia Observatory,
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19 January, 1962.

PRELIMINARY SEISMIC READINGS 62/2

JAN.	11	eiP	z	05	24	51
	11	eiP	z	23	15	52
		eiS	zZN		16	44
		eT	z		20	00
	12	iP	z	11	06	23
		iS	z			55
	13	iP	zZ	03	06	50dil.
		eiS	zZN		08	21
	13	iP	zZ	06	39	52comp.
		iS	N		40	11
	13	i(P)	z	11	10	46dil?
	13	ei(P)	z	11	35	49
	13	iP	zZN	11	41	46
		iS	N		42	00
	14	i(P)	z	13	45	10
	14	iP	z	18	04	30dil.
		eiS	zN		05	51
	15	iP	zZN	13	49	30
		iS	N			51
	15	i(P)	z	15	23	19
	15	iP	z	18	28	52
	15	iP	z	20	34	57
		iS	z		35	40
	15	iP	zZ	22	41	16
		iS	ZN			34
	16	iP	z	10	54	02
		iS	z			59
	16	eiP	zZ	11	39	46
		eiS	zZN		42	46
		eL	ZN		43.2	
		e(T)	z		55	50
	17	iP	z	01	43	37
		eiS	z		44	13
	17	iP	z	11	32	40
		iS	zN		34	23
JAN.	17	ei(P)	z	15	39	46
	17	iP	z	15	53	51dil
	17	e?	z	16	14.9	
	17	iP	zZN	16	09	42
			comp from North.			
		iS	N		10	01
	17	iP	z	20	54	03
		e(S)	z		55	38
	18	iP	z	02	39	40
		eiS	N		40	11

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26 January, 1962.

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PRELIMINARY SEISMIC READINGS 62/3

JAN.	18	iP	zZ	08	18	53dil.	JAN.	22	eiP	z	16	40	02
		iS	z		20	38			i	z		41	12
	18	iP	z	12	38	58dil?			ei	z		42	06
		eiS	z		40	33			e	z		43	48
	18	iP	z	16	00	54dil.		22	iP	z	23	44	51
		ei(S)	z		03	32			eiS	z		45	24
	19	eiP	z	09	28	04		23	iP	z	06	16	36
		(S)	z		29	50			ei(S)	z		18	10
	19	iP	z	11	57	48		23	iP	z	11	22	21dil.
		iS	ZN		58	08			eiS	z		24	24
	19	eiP	z	13	24	35		24	i(P)	z	00	04	32
		iS	z		25	59		24	iP	z	04	50	55
		e	ZN		27.1				eiP	z	05	47	38
		eT	z		32	44			eiS	z		48	52
	20	iP	zZ	08	45	02			eT	z		54	31
		iS	ZN			18		24	iP	z	12	20	32
	20	iP	z	11	16	46dil.			iS	ZN			54
		eiS?	z		18	15		24	i(P)	z	15	22	16
		ei(S)	z			23							
	20	iP	zZ	17	35	25		24	i(P)	z	15	35	17
		iS	ZN			51							
	20	iP	z	20	21	37		24	iP	z	18	37	30
	21	iP	zZ	00	22	33		25	eiP	zZ	01	55	38
		iS	N			55			i	z			46
	21	iP	zZ	00	43	13			e(S)	N	02	01.2	
		iS	zZN			44			e	Z		01.6	
	21	iP	z	02	27	21		25	i(P)	z	06	23	26
		iS	N			46		25	iP	z	09	51	28
	21	i(P)	z	05	51	17			iS	z		53	05
		ei(S)			52	41		25	iP	z	10	07	51dil.
	21	iP	zZN	12	53	46			e(S)	z		11	28
		eiS	ZN		55	08		25	ei(P)	z	12	17	36
	21	iP	z	13	15	46			ei	z		19	55
		iS	N		16	06		25	iP	z	22	38	11dil.
	21	ei(P)	z	15	51	51			iS	z		39	46
		ei(S)			54	03							

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2 February, 1962.

PRELIMINARY SEISMIC READINGS 62/4

JAN. 26	iP	zZ	05	33	07comp.	JAN. 29	iP	z	04	58	30dil.
							eiS	z	05	00	28
26	iP	z	06	11	30 dil?						
	i	zZ		13	07	29	eP	z	17	00	23
	iS	zZ			13		iS	zN			43
	ei	z		17	03		eT	z		02	10
	e	z		18	50						
	e(T)	z		19	54	29	iP	z	20	03	20
							eiS	zN			40
26	e(P)	z	07	59	14						
						29	iP	zZN	21	08	24
26	iP	z	08	37	42 dil.		eiS	ZN			42
26	iP	zZ	09	31	33 dil.	29	iP	z	22	11	58dil.
	eiS	ZN			53		iS	z		13	36
26	iP	z	10	23	34	30	iP	zZN	15	02	30dil.
	iS	zZN			55		eiS	ZN		03	30
26	ei(P)	z	11	53	20	30	iP	z	18	35	17
							e(S)	N		39	24
26	iP	z	15	19	40						
	i	z			58	31	iP	z	20	29	43
	iS	N		20	01		iS	N		30	02
26	iP	z	16	57	08	FEB. 1	iP	z	00	20	30comp.
	iS	N			31		eS	z		23	37
							e(T)	z		38	34
26	iP	z	20	17	58 dil.						
						1	eiP	zZ	00	44	07
27	ei(P)	z	10	06	44		i(P)	zZ			14comp.
							eS	zN		47	20
27	iP	z	12	03	43comp?		e	Z		48.2	
	eS	z		05	53		eT	z	01	01	46
	eT	z		16	04						
						1	iP	zZ	06	10	35
27	eiP	z	12	21	23		iS	zN			56
	iS	z		25	18						
						1	iP	z	17	01	10
27	iP	z	14	23	05comp.		eS	z		02	30
	eiS	z		24	39						
						1	eiP	z	19	01	35
27	iP	z	23	55	13comp.		eS	z		05	02
							e(T)	z		20	02
28	iP	z	05	05	05						
	iS	zN			39	1	e(P)	z	20	24	45
							ei(S)	z		27	26
28	iP	zZN	05	40	57 dil.						
	Motion too rapid for S registration.					1	eiP	z	20	39	08
							eiS	z		41	12
	Felt: Apia										
						1	iP	z	23	09	03
29	iP	z	00	32	47		ei(S)	z		11	24
	iS	z		34	23						

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PRELIMINARY SEISMIC READINGS 62/5

FEB.	2	eiP	z	09	09	56	
		ei(S)	z		11	31	
	2	iP	zZN	13	35	06	
		eiS	ZN			26	
	2	iP?	z	17	32	30	
	2	iP	z	17	33	17	comp.
		ei	z		34	38	
		iS	z			44	
		ei(T)	z		39	02	
	3	iP	zZ	00	47	03	dil?
		i	z			09	
		i?	Z		48	17	
		iS	ZN		54	23	
		e	N		56	06	
		e	N			52	
		e	Z		57.2		
		eI	Z	01	02.7		
	3	i(P)	z	07	[illegible]	39	
		ei(S)	z		13	01	
	3	iP	z	13	27	12	dil.
		iS	z		28	40	
		(T)	z		36	08	
	3	iP	z	13	52	44	
	4	i(P)	z	21	47	02	
	4	iP	z	21	47	34	
		eiS	zN		48	24	
	5	eiP	z	02	38	37	
		iS	z		50	25	
	5	iP	zZ	07	14	51	
		iS	ZN		15	10	
	5	iP	z	19	07	06	
		eiS	z			38	
	6	iP	z	13	15	00	
		iS	N			19	
	6	iP	z	20	00	21	
		iS	N			41	
FEB.	8	P	z	11	57	46	
	8	iP	z	14	25	39	dil.
		i	z		28	21	
		eiS	zZN			29	
	8	i(P)	z	15	12	27	dil.
		i(S	z		15	16	
	8	i(P	z	15	17	28	dil.
	8	iP	z	15	19	26	comp.
		i	z		20	26	
		iS	z		22	16	
	8	iP	z	16	53	48	
		eiS	zZN		54	22	
		eiT	zZN		56	12	

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16 February, 1962.

PRELIMINARY SEISMIC READINGS 62/6

FEB. 9	iP	zZ	12	05	24dil.	FEB.14	iP	z	06	49	07comp.
	iS	z		07	42		eS	N		59	20
							eSS	N	07	04.4	
10	iP	z	06	23	50		e(SSS)	N		08.4	
							eLq	N		12.3	
10	iP	zZ	18	04	35		eLr	N		16.2	
	iS	ZN			41						
						15	ei(P)	z	14	13	01
10	ei(P)	z	18	17	24						
						15	i(P)	z	15	24	57
10	iP	z	20	11	56						
						15	iP	z	15	32	36dil.
10	ei(P)	z	22	33	13		iS	z		34	57
11	iP	z	02	52	32	15	iP	z	20	58	38dil?
							iS	z	21	00	40
11	iP	z	13	55	20		eT	z		10	06
	ei(S)	z		58	41						
11	iP?	z	19	02	35						
	iP	z			38						
	i	z			45						
	eS	ZN		07	53						
	eL	ZN		10.6							
11	iP	zZ	21	27	40						
	iS	zZN		28	28						
12	iP	z	08	07	42dil.						
	i	z			50						
	eS	N		08	22						
	ei	z		11	02						
12	i(P)	z	09	45	10						
	i(S)	z		47	20						
12	eiP	z	15	44	50						
	iS	z		45	58						
12	ei(P)	z	20	14	55						
	i(S)	z		17	49						
13	iP	zZ	18	45	16						
	iS	zZN		46	02						
13	eiP	z	20	08	39						
	eiS	z		09	24						
14	iP	z	03	09	36						
	iS	N			56						

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27 February, 1962.

PRELIMINARY SEISMIC READINGS 62/7

NOTE: Unless otherwise stated, all readings from Afiamalu (AF) not Apia (AA)

FEB.16	iP	z	06	50	47comp?	FEB.24	eiP	z	19	42	27
	iS	z		52	34						
						25	iP	z	00	05	35
16	eP	z	07	50	59		eiS	zZN			54
	eiS	z		51	21						
	eiT	z		53	08	25	iP	z	06	15	57
18	iP	zZN	06	27	24comp.	25	eiP	z	06	42	47
	iS	zZN		28	09		iS	z		45	03
							ei(T)	z		55	35
18	eiP	z	14	13	19						
	i(S)	z		15	31	25	e(P)	z	14	05	12
19	eP?		11	06	08(AA)	25	eiP	z	20	12	02
	eP				24		i	z			57
	i			07	33		eiS	z		13	04
	iS				35		e(T)	z		16	57
19	iP	zZ	23	38	55						
	iS	z		39	41						
20	iP	zZ	10	10	32 dil?						
	eiS	zZN		13	03						
20	i(P)	z	10	17	50						
20	eP	z	16	16	46						
21	iP	z	00	08	51comp						
	i	z		10	58						
	iS	z		11	00						
	i	z			04						
	eiT	z		21	14						
23	eP	z	09	20	20						
	eiS	z		21	08						
23	iP	z	11	48	28comp.						
	ei	z			39						
	i	z			46						
23	i(P)	z	20	28	42comp.						
	ei	zZ		30	06						
	eS	N		38	36						
	e	Z		39.3							
	eL	Z		42.5							
23	iP	z	23	24	54						
	iS	ZN		25	15						

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5 March, 1962.

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PRELIMINARY SEISMIC READINGS 62/8

NOTE: Unless otherwise stated all readings from Afiamalu (AF) not Apia (AA)

FEB.	26	iP	z	04	53	46	
		iS	z		54	00	
	27	iP	z	00	21	16	dil?
		ei(S)	z		22	50	
	27	iP	z	00	43	35	comp.
		eiS	z		45	17	
	27	iP	z	01	45	40	dil?
	27	e(L)	Z	13	21.1		
		eL	N		21.5		
	27	iP	zZ	22	34	21	
		eiS	ZN			40	
	28	eP		05	01	05	(AA)
		iS				50	
	28	iP	z	08	59	56	
		i	z	09	00	04	
		i	z			18	
	28	iP	z	11	37	08	
		eiS	z		38	59	
	28	iP	zZ	22	10	02	
		iS	N			21	
MAR.	1	iP	z	01	04	23	
		eiS	z		06	43	
	1	iP	zZ	16	52	40	dil.
		i	z			52	
		i	z		53	07	
		ei	z		54	48	
		ei(S)	zZN		55	07	
	1	iP	z	19	06	38	
		eiS	z		07	23	
		ei(T)	z		10	33	
	1	eiP	zZ	23	44	47	
		eS	ZN		47	36	
		eL	Z		48.7		
	2	iP	z	00	28	48	
		eiS	ZN		29	06	

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Apia Observatory,
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9 March, 1962.

PRELIMINARY SEISMIC READINGS 62/9

MAR.	2	iP	z	04	51	49	
		e	z		52	43	
		ei	z		53	14	
		ei	z			24	
	2	iP	z	13	13	58	dil.
	2	iP	z	22	54	07	dil?
	3	eiP	z	12	25	29	
	3	iP	zZ	16	04	17	
		iS	zZN		06	09	
	3	iP	zZ	16	14	42	
		iS	ZN		15	16	
	4	iP	z	00	09	21	
		iS	z		10	34	
	5	i(P)	z	06	03	12	
		ei(S)	z		04	39	
	6	e(P)	z	09	03	50	
		ei(S)	z		05	03	
	6	iP	zZ	15	53	13	
		eiS	z		55	32	
	6	eP		20	22	08	(AA)
		iS				56	
		eT			25	17	
	7	iP	z	10	09	29	dil?
		i	z			42	
		i	z		10	00	
		i	z			25	
		i	z		11	29	
		e	N		16	20	
	7	ei(P)	z	23	28	00	
		i(S)	z		29	28	
	8	iP	z	10	38	38	dil?
		i	z			43	
		ei(S)	z		42	44	
	8	iP	z	10	55	57	
		eiS	ZN		56	19	
	8	iP	z	23	08	31	
		iS	z		10	05	

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DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH

Apia Observatory,
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16 March, 1962.

PRELIMINARY SEISMIC READINGS 62/10

MAR.	9	iP	z	06	59	02comp.	MAR.	14	iP	z	06	58	49
		eiS	zN	07	00	26			iS	z		59	24
	9	iP	z	16	42	17		14	iP	z	11	48	55
		eiS	z		43	06			iS	zN		49	17
	9	eiP	z	17	32	29		14	iP	z	18	12	09
		iS	z		34	35			eiS	z			38
	9	eiP	z	22	15	24		15	iP	zZ	13	09	21dil.
	9	iP	z	23	13	11			eiS	zZN		11	07
		ei(S)	z		14	19							
	10	iP	z	01	07	08							
	10	eiP	z	11	52	01							
		eiS	z			57							
	10	eP	zZ	12	13	14							
		eS	Z		17	32							
		e(L)	Z		19.7								
	11	eiP	z	05	59	11							
		eiS	zZN			52							
	11	iP?	z	07	21	53							
		i(P)	z		22	07							
		eS	Z		24	56							
		eS	N		25	00							
	11	iP	zZ	18	26	10							
		eiS	z		27	53							
	11	iP	zZ	19	28	26dil?							
		eS	Z		36	58							
		eSS	Z		41.1								
		e(L)	Z		44.7								
		eL	Z		47.7								
	12	iP	Z	12	23	22dil.							
		e	Z		35.4								
		e(L)	Z		52.2								
	13	ei(P)	z	13	58	53							
		ei(S)	z	14	00	23							
	13	eiP	zZ	20	35	48							
		i	z		36	21							
		i	z			34							
		ei	zZN		38	10							

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DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH.

Apia Observatory,
P.O. Box 52,
Apia, Western Samoa.

26 March, 1962.

PRELIMINARY SEISMIC READINGS 62/11

MAR. 16	iP?	z	05	27	48 dil.	MAR. 22	iP	zZ	01	16	31
							eiS	zN			51
16	iP	z	09	50	39						
	iS	N		51	00	22	P	z	01	52	04
							iS	z			57
16	iP	z	13	25	57comp?		eiT	z		56	45
	eiS	z		28	05						
16	i(P)	z	15	28	28comp.						
16	iP	z	19	47	35comp.						
17	eiP	z	17	58	54						
17	iP	z	20	07	16						
	iS	N			37						
17	eiP	z	21	06	47						
17	eiP	z	21	33	10						
18	iP	z	01	30	06comp.						
	eiS	z		32	44						
18	iP	z	03	10	50comp.						
	eS	N		14	35						
18	iP	z	15	50	27 dil.						
18	iP	z	20	43	36						
	ei	z		47	07						
	ei(S)	z			23						
19	iP	zZ	02	34	01comp.						
	iS	N			17						
	Felt Apia MM 4											
19	iP	zZ	06	05	10comp.						
19	iP	z	15	22	54						
	eiS	zZ		23	11						
19	iP	z	15	38	43comp.						
	ei(S)	z		42	02						
20	iP	z	02	34	40						
21	iP	zZ	23	08	32 dil.						
22	iP	zZ	00	30	26						
22	i(P)	z	00	48	18						

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Apia Observatory,
P.O. Box 52,
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30 March, 1962.

PRELIMINARY SEISMIC READINGS 62/12

MAR. 22	iP	z	02	50	45	MAR. 28	iP	z	06	20	42	
	iS	z		51	20							
22	cP?	z	15	21	31	28	eiP	z	14	17	10	
	iP	zZ			37 comp.	29	iP	z	06	24	21	
	iPP	zZ		23	26		iS	ZN			50	
	eS	Z		28	25		ei(T)	zZN		26	30	
	eSS	ZN		31.5								
	eL	Z		34.7		29	iP	z	10	41	41	dil.
22	ei(P)	z	16	25	20		eiS	z		42	58	
22	iP	z	18	05	36							
	iS	z		07	05							
22	iP	zZN	23	06	10							
	iS	ZN			31							
23	iP	z	00	17	28	dil.						
	i	z		19	01							
	iS	z			05							
23	iP	z	15	11	26	dil.						
	eiS	z		13	38							
24	eiP	z	01	35	08							
	eiS	ZN			50							
	ei(T)	zZN		39	12							
24	iP	z	04	23	25							
	eiS	z		24	56							
24	iP	zZ	13	07	24	dil.						
	i	zZ			51							
	i	zZ		08	04							
	e(S)	Z		13	43							
	e	Z		17.2								
	eL	Z		20.6								
24	iP	zZ	19	46	20							
	iS	ZN			39							
26	iP	z	16	45	28	dil.						
27	iP	z	14	52	15	dil.						
	iS	z		53	46							
27	iP	zZN	22	49	20							
	iS	zZN			52							

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Apia Observatory,
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6 April, 1962.

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PRELIMINARY SEISMIC READINGS 62/13

MAR.	30	iP	zZ	14	04	14
		iS	ZN			35
	30	iP	zZ	14	27	09 dil.
		iS	z		29	56
	31	iP	zZ	01	17	28
		iS	ZN			58
	31	iP	z	08	54	41
		iS	z		55	04
APR.	1	eP	z	07	37	30
		iS	z		38	20
		ei(T)	z		41	29
	1	iP	z	07	48	16
	1	eiP	z	12	19	25
		i	z			48
	1	iP	zZ	23	59	45
		iS	N	00	00	05
	2	iP	zZ	18	21	33
		iS	N			46
	2	iP	z	18	41	38
	3	iP	z	04	57	16
		iS	z			45
		eiT	z		59	48
	3	eiP	z	05	08	43
		iS	z		09	20
		eiT	z		12	21
	3	iP	z	09	02	11
		iS	z			40
	3	iP	zZN	15	10	01
	3	iP	zZ	16	29	27 dil?
		e(S)	ZN		33.5	
		e(L)	Z		35.0	
	4	eiP	z	09	30	51
		iS	z		32	38
	5	iP	z	12	37	10 dil.
	5	iP	z	19	50	36 comp?
	5	iP	z	20	43	33 dil.

Correction Air letter 62/9
Earthquake 7 March iP 10 09 29
should read iP 11 09 29 etc.

Geophysics Division

DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH.

Apia Observatory,
P.O.Box 52,
Apia, Western Samoa.

13 April, 1962.

PRELIMINARY SEISMIC READINGS 62/14

APR.	6	iP	zZ	04	28	05dil.	APR.	9	iP	z	00	29	29
		i	z		29	31			ei(S)	z		32	18
		iS	z			43							
	6	iP	z	07	51	23dil.		9	iP	z	08	43	44
		eiS	z		52	36			iS	z		45	37
	6	iP	z	14	15	46dil?		9	i(P)	z	08	47	04
		ei(S)	z		17	54		9	iP	z	09	04	49
	6	i(P)	z	16	59	48		9	iP	z	17	28	17
	6	iP	z	19	26	49			eiS	z		29	02
		iS	N		27	14		9	iP	z	20	17	08
	6	iP	z	20	27	19dil.			eiS	z		18	34
		iS	z		29	28		10	iP	z	02	35	56
									eiS	z		36	34
	7	e(S)	N	06	42.5								
		eL	ZN		45.1			10	iP	zZN	17	08	21
									iS	ZN		09	12
	7	iP	z	10	14	14							
		S	ZN			44		10	iP	z	21	57	11
	7	iP	zZ	10	33	57dil.		11	iP	zZN	21	14	30
		iS	z		35	41			iS	ZN			50
	8	iP	z	05	16	50comp?		12	iP	z	05	58	09
		i	zZ			53							
		ei	z		18	04							
		eiS	zZN			06							
	8	iP	z	05	30	45							
		S	ZN		31	06							
	8	iP	z	06	03	26							
		iS	ZN			43							

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Apia Observatory,
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19 April, 1962.

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PRELIMINARY SEISMIC READINGS 62/15

APR.	13	iP	z	06	07	59	
		iS	N		08	21	
	13	iP	z	15	21	48	
		ciS	z		22	56	
		ci(T)	z		28	26	
	14	iP	z	00	42	28	dil?
		ciS	z		44	43	
	14	ci(P)	z	09	25	23	
	14	iP	z	09	29	52	dil.
	14	iP	z	10	07	15	
		i(S)	z		09	52	
	14	iP	z	12	05	29	comp.
	15	iP	zZ	01	06	42	dil.
	15	iP	zZ	21	26	11	comp.
		iS	ZN			32	
	15	iP	z	21	39	26	comp.
		ciS	z		41	19	
	16	ciP	z	13	25	23	
		iS	z		26	42	
		ci(T)	z		30	27	
	16	iP	z	23	19	04	dil.
		ciS	z		21	17	
	17	iP	z	10	23	38	
	17	iP	z	12	57	10	
		iS	z			43	
		ciT	z		59	15	
	17	iP	z	17	49	18	dil.
	17	ci	z	18	21	37	
	17	iP	z	18	25	00	
		iS	ZN			33	
	17	iP	z	19	53	43	comp.
		iS	z		56	12	
	17	iP	z	22	54	54	dil?
		i	z	23	01	18	

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Apia Observatory,
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27 April, 1962.

International Seismological Centre

PRELIMINARY SEISMIC READINGS 62/16

APR.18	iP	z	04	05	46	
	ciS	z		06	49	
18	iP	z	14	12	34	
	iS	z		13	13	
18	iP	zZ	18	14	34	dil.
18	iP	zZ	19	27	40	dil.
	i	zZ			43	
	i	zZ		28	02	
	c	Z		39	12	
18	c(L)	Z	19	56	14	
19	iP	z	02	36	20	
	iS	z		37	19	
	ci(T)	z		41	07	
19	iP	z	22	19	36	dil.
	c(S)	N		22	57	
19	iP	z	23	29	09	
	i	z			15	
20	i(P)	z	01	47	20	
20	ciP?	z	06	05	45	
	i(P)	z		06	02	
20	iP	z	06	17	52	dil.
	c(L)	Z		36.1		
20	iP	z	12	59	12	
	iS	zN			42	
20	ciP	z	21	13	58	
	iS	z		14	32	
21	i(P)	z	07	34	18	dil.
21	iP	z	07	35	52	comp.
	iS	z		37	27	
21	iP	zZ	07	49	02	dil?
	i	z			09	
	i	z		51	14	
	iS	z			18	
21	iP	z	10	27	09	
	ciS	N			28	
21	iP	zZ	18	04	30	comp.
	iS	N		05	18	
21	ei(P)	z	21	25	05	
APR.22	iP	z	02	14	12	dil.
	i(S)	z		17	46	
22	iP	z	04	30	22	
	ciS	z			42	
22	iP	z	04	57	41	
22	iP	z	16	05	24	comp.
	iS	z		07	10	
22	iP	z	18	44	09	
	ciS	z		45	51	
22	iP	z	21	56	07	
	iS	z		57	01	
23	iP	zZ	06	09	19	dil
	ipP	Z			41	
	i	N			44	
	iPP	Z		11	50	
	eS	ZN		18	10	
	eLq	ZN		26.4		
	eLr	ZN		29.5		
23	P	z	21	51	24	
	i(S)	z		53	08	
24	iP	zZ	02	58	03	
	iS	Z			24	
24	iP	z	05	22	33	
	iS	z		23	21	
24	iP	z	16	14	21	
	iS	zN		15	03	
25	iP	z	00	22	59	dil
	ciS	z		24	29	
25	P	z	05	42	08	
	iS	z			50	
	eiT	z		45	35	
25	ciP	z	05	57	08	
	i	z			13	
	S	z		58	39	
	eiT	z	06	05	42	
25	ciP	z	07	28	01	
	iS	z		30	12	
25	ciP	z	08	18	39	
	i	z			52	
	iS	z		19	07	
	eiT	z		21	23	

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4 May, 1962.

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PRELIMINARY SEISMIC READINGS 62/17

NOTE: Unless otherwise stated, all readings from Afiamalu (AF) not Apia (AA)

APR. 25	eiP	z	15	58	21	
	eL	ZN	16	18.0		
25	iP	z	16	30	35	
25	iP	z	21	35	37	
	eiS	z		37	06	
26	iP		07	28	20	
	iS			29	57	(AA)
27	eiP?	z	05	41	22	
27	iP?	z	05	48	56	
27	iP	zZ	06	33	08	dil.
	eiS	zN		35	18	
27	e(L)	z	07	26.2		
27	iP?	z	11	16	39	
27	iP	z	21	14	31	
	iS	z		15	14	
27	iP	z	21	46	53	
	iS	z		47	48	
28	i(P)	zZ	01	57	11	
28	iP	zZ	03	49	24	
	eiS	ZN			48	
28	iP	z	03	59	56	dil.
	eiS	z	04	00	56	
28	iP	z	07	15	57	dil.
28	iP	z	09	54	47	comp.
	iS	z		56	02	
28	iP	z	11	20	58	comp.
	iS	z		22	05	
	ei(T)	z		26	44	
28	eiP?	z	11	38	52	
	i(P)	z			58	dil.
28	iP	z	15	10	14	dil.
	iS	z		11	16	
28	iP	z	16	27	27	dil?
28	iP	z	17	02	43	
	iS	zN		03	14	
APR. 28	iP	z	19	41	28	
	S	z			48	
29	eiP	z	07	06	42	
	eiS	N		07	30	
29	iP	zZ	13	56	23	
	i?	z			57	
29	iP	zZ	20	37	08	
	iS	N			38	
30	iP	z	09	45	53	
30	eiP	z	09	49	02	
	eiS	z		51	07	
	ei(T)	z	10	01	10	
30	iP	zZ	16	18	11	
	i	Z			48	
	eS	N		19	12	
	i	Z			25	
30	iP	zZ	18	32	22	
	e	N		33	13	
	iS	Z			36	
May. 1	iP	zZ	09	08	41	
	iS	zZN		09	26	
2	i(P)	z	04	11	45	

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Geophysics Division

DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH.

Apia Observatory,
P.O. Box 52,
Apia, Western Samoa.

11 May, 1962.

PRELIMINARY SEISMIC READINGS 62/18

MAY	2	iP	zZ	20	46	53comp.	MAY	7	iP	zZ	17	51	00comp.
		eiS	ZN		49	11			i	z			17
	3	iP	z	19	54	32			e	Z		52	58
		eiS	ZN			53			eS	ZN	18	00	16
									eL	ZN		11.1	
	4	iP	z	09	39	52 dil.		7	iP	z	18	39	26
		eiS	z		40	59			eiS	z		40	58
	4	iP	z	13	27	32 dil.		8	iP	zZ	02	13	56dil.
		iS	zZN		29	08			iS	z		14	38
	5	iP	z	18	48	57		8	iP	z	07	59	14dil.
		eiS	zN		49	26			eiS	zZN	08	00	34
		ei(T)	z		51	39							
								8	iP	z	09	51	50comp.
	5	iP	z	23	10	07			eiS	z		53	26
		eiS	z		13	26							
								8	iP	z	18	11	38
	5	ei	z	23	28	38			iS	z		12	53
	6	iP	zZ	02	37	44comp.		9	eiP	z	02	36	03
		eiS	ZN		38	02			eiS	ZN			39
									i	Z		37	04
	6	i?	z	04	14	30			eiT	zZN		39	18
		i	z			38							
								9	iP	zZ	11	11	36dil.
	6	ei	z	04	34	30			iS	ZN			55
	6	iP	z	12	10	59 dil?		9	eiP	z	11	30	29
		iS	z		12	46			i	z			32
									eiS	ZN		31	06
	6	iP	z	14	21	03comp.			e	Z			34
		iS	z		22	19			eiT	zZN		33	40
	6	iP	zZ	15	45	50comp.		9	iP	z	12	13	09
		eiS	z		48	00			iS	z			45
	6	e(P)	Z	19	13	55		9	iP	z	13	15	01dil.
		e	Z		17.7				eiS	z		16	24
		e	Z		23	04							
		e	Z		26	32		10	eiP	z	00	33	35
		e	Z		34	27			e(S)	Z		43	24
		e	Z		41	20			e(L)	Z		45	54
		e	Z		43	42							
		e	Z		46.4								
		eL	ZN		47.2								
	7	i(P)	z	13	11	13							
	7	eiP	z	15	00	59							
		iS	z		03	39							

Geophysics Division

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Apia Observatory,
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Apia, Western Samoa.

18 May, 1962.

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PRELIMINARY SEISMIC READINGS 62/19

MAY 11	iP	z	03	21	46	
	iS	z		22	39	
11	iP?	z	12	10	10	
	iP	zZ			13	
11	P	z	13	39	09	on
	eiS	z		42	35	time
						break
11	i	z	13	51	09	
	i(P)	z			57	
	i	z		52	56	
	i	z		53	54	
11	P	zZ	14	23	39	on
	eS	Z		33	38	time
	eSS	Z		38	22	break
	eSSS	Z		42	02	
	eL	Z		44.6		
	eL	Z		46.7		
12	iP	z	20	37	38	dil.
	iS	z		39	12	
12	iP	zZ	22	05	33	dil.
13	iP	z	07	31	55	
	eiS	z		32	48	
13	iP	zZ	17	23	13	dil.
	iS	z		24	16	
14	iP	z	08	04	34	
	ei	z		05	00	
	ei	z			42	
14	iP	z	18	36	04	dil.
	iS	zN			57	
14	ei	z	23	24	04	
	i	z			26	
15	ei	z	01	54	31	
	i	z			50	
15	iP?	z	05	33	46	
	iP	zZ			48	dil.
	i	zZ			54	
	i	Z		34	31	
	eS	N		41	43	
	e	N		43	14	
	eL	N		48.5		
15	iP?	z	06	53	03	
	iP	z			07	dil?
MAY 15	i(P)	Z	18	39	12	
16	eiP	z	05	21	21	
16	iP	z	17	37	41	comp?
	e(S)	Z		42.8		
16	iP	z	17	39	07	
	iS	z		40	34	
17	iP	zZ	02	28	47	
	i	z		29	08	
	ei	z			30	
17	iP	zZ	12	21	59	
	eiS	zZN		22	22	
18	iP	z	01	36	28	
	eiS	z			54	
18	iP	zZ	02	52	08	co[illegible]?
	eiS	z		53	51	

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DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH

Apia Observatory,
P.O. Box 52,
Apia, Western Samoa.

25 May, 1962.

PRELIMINARY SEISMIC READINGS 62/20

May 18	iP	z	07	16	38	dil.
	iS	z		19	29	
18	iP	zZ	23	19	24	
	iS	N			52	
	eiT	ZN		21	36	
19	eiP	zZ	15	10	11	
	e?	Z		11	30	
	ePP	Z		13	05	
	eS	Z		20	11	
	e	Z			50	
	e(SS)	Z		24.6		
	e	N		25	16	
	eSSS	Z		28	30	
	eLq	ZN		30.9		
	eLr	Z		33	24	
19	iP	zZ	18	55	09	
	iS	ZN			29	
20	iP	z	01	52	25	comp.
	iS	z		53	58	
20	iP	z	07	58	42	
	iS	z		59	36	
20	iP	z	08	11	35	
	eiS	z		13	27	
21	iP	z	03	29	34	
	iS	zN			52	
21	iP	N	08	43	34	
	iS	N			52	
21	e(L)	N	12	55.2		
21	iP	zZ	21	17	23	dil.
	i	ZN			30	
	iS	N		18	50	
	Felt: Apia.					
21	iP	z	23	19	16	
	eiS	N			30	
22	iP	zZ	00	21	00	
	iS	ZN			37	
22	iP	z	02	20	36	
	iS	ZN			58	
22	iP	zZN	04	10	20	
	iS	ZN			40	
May 22	eiP	z	04	49	22	
	eS	Z		56	18	
	e	N	05	00	40	
	e	Z		01	06	
	eL	Z		02	24	
22	iP	zZ	08	11	15	comp.
	ipP	zZ			45	comp.
	i	N			51	
	iS	Z		15	07	
	isS	Z			55	
	i	Z		16	58	
22	iP	z	22	10	37	dil.
	iS	z		12	00	
22	e	Z	22	21.2		
	eL	Z		23.6		
23	iP	z	07	34	44	
	iS	z		36	30	
23	iP	z	08	22	00	
	iP	z			03	
	(S)	z		23	43	
23	i(P)	z	08	24	28	
24	eiP	z	07	13	12	
	iS	z		14	09	
	eiT	z		17	28	

Geophysics Division

DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH.

Apia Observatory,
P.O. Box 52,
Apia, Western Samoa.

8 June, 1962.

International Seismological Centre

PRELIMINARY SEISMIC READINGS 62/21

MAY 25	iP	z	04	21	00							
	i	z		22	04							
	ciS	zN			14							
	c	N			55							
	eL	N		23	35							
	ciT	zN		27	23							
25	ci(P)	z	07	09	56							
25	ciP	z	14	23	49							
	i?	z		26	46							
	i(S)	z			55							
25	iP	z	16	41	56							
	iS	z		43	08							
	ciT	z		48	44							
25	iP	z	17	24	49	dil.						
	ciS	z		27	10							
26	iP	zZ	02	15	01	comp.						
	i	z		16	31							
	iS	zN			35							
[illegible]	iP		09	58	43							
26	iP	zZ	22	37	11							
	iS	ZN			26							
27	iP	z	18	15	41							
	iS	z		16	57							
	ci(T)			22	59							
27	iP	z	19	30	16							
	ciS	zZN			42							
30	iP	z	16	59	27							
	ciS	z	17	00	48							
30	iP	zZN	21	07	59							
	iS	N		08	26							
31	iP	zZ	07	37	47							
31	iP	z	09	24	51							
31	ciP	z	09	41	26							
	ciS	z		44	24							
	ci(T)	z		58	44							
31	iP	z	11	15	18							
	iS	z		16	20							
31	iP	z	15	57	07							
	iS	z		58	03							
	ciT	z	16	01	54							
MAY 31	iP	z	21	00	30							
	iS	z		02	42							
JUNE 1	iP	z	08	40	52							
	ciS	z		42	41							
1	iP	zZ	13	26	53							
	iS	ZN		27	19							
2	eiP	z	17	10	32							
	iS	z		11	20							
2	iP	z	21	14	06							
	eiS	z		16	44							
3	iP	z	07	47	53							
	iS	zN		48	11							
3	iP	z	10	12	01							
	iS	z			22							
3	iP	z	13	50	21							
3	iP	z	14	08	11							
	i(S)	z		09	09							
3	iP	z	14	28	27	dil.						
	eiS	z		30	36							
3	iP	z	15	21	34	dil.						
	i	z			41							
3	iP	zZN	16	41	20							
	iS	ZN			40							
4	iP	zZN	09	41	37							
	iS	ZN			58							
4	iP	z	13	27	32							
	iS	z		28	33							
4	eiP	z	16	32	22							
	eiS	z		33	23							
4	iP	z	19	56	26							
	iS	z		57	10							
5	iP	zZ	16	53	31							
6	iP	z	02	59	33							
	iS	z	03	00	24							

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Apia Observatory,
P.O. Box 52,
Apia, Western Samoa.
15 June, 1962.

International Seismological Centre

PRELIMINARY SEISMIC READINGS 62/22

NOTE: Unless otherwise stated, all readings from Afiamalu (AF) not Apia (AA).

JUNE	6	ei(P)	z	13	14	23
		i	z			43
	6	iP	z	16	05	26
		iS	z		06	02
	6	eiP	z	16	55	07
		eiS	z		56	37
	6	iP	z	20	53	18
		iS	zZN			54
	8	eP		01	33	57 (AA)
	8	eP		09	14	47 (AA)
		iS			15	12
	8	eP		13	41	38 (AA)
		iS				59
	9	e(P)		06	07	08 (AA)
		e(S)			08	48
	10	eP		07	06	13 (AA)
		iS				34
	11	eP		04	36	57 (AA)
		eS			38	25
	13	iP	z	05	55	14
		iS	z			38
	13	eiP	z	13	35	57
		iS	z		36	52
	13	ei(P)	z	19	11	25
		i	z		13	17
						30
	13	i(P)	z	20	24	42
	14	e(L)	ZN	08	23.8	
	14	eiP	z	08	23	40
		iS	z		25	05
		ei(T)	z		31	29
	14	iP	zZ	16	13	35
		iS	ZN			53
	14	iP	z	19	02	59
		eiS	z		03	16
	14	iP	z	22	44	34
		iS	z			53

International Seismological Centre

Geophysics Division

DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH.

Apia Observatory,
P.O. Box 52,
Apia, Western Samoa.

22 June, 1962.

PRELIMINARY SEISMIC READINGS 62/23

JUNE	15	iP	zZ	02	27	03
		iS	N			23
	15	iP	z	05	57	39
		iS	z		59	48
	15	eiP?	z	08	39	25
	15	iP	z	12	00	46
	15	eiP	z	12	12	16
		iS	z		13	35
	15	iP	zZ	22	17	15
		iS	ZN			34
	16	iP	zZ	05	24	05
		iS	ZN			30
	17	eiP	z	08	58	54
		iS	z		59	42
	17	e(L)	Z	13	32.7	
	18	iP	z	13	47	30
		eiS	z		49	06
	18	iP	z	20	32	33
		eiS	z		33	55
	18	i(P)	z	23	49	38
	19	iP	zZ	15	45	53
		iS	ZN		46	28
	19	iP	zZ	16	41	29
		iS	ZN		43	08
	20	iP	z	00	07	22
		iS	z		08	25
	20	iP	z	08	05	45
		iS	ZN		06	10

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DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH.

Apia Observatory,
P.O. Box 52,
Apia, Western Samoa.

29 June, 1962.

PRELIMINARY SEISMIC READINGS 62/24

JUNE 21	eiP	z	08	40	20		
	S	zZN		41	44		
21	iP	z	10	21	08		
	iS	z		22	47		
21	iP	zZ	19	31	25		
	iS	ZN			45		
22	iP	z	03	22	25		
	iS	z		23	14		
22	iP	z	03	26	19		
	iS	ZN			40		
22	iP	z	15	03	20	dil.	
22	iP	z	17	59	14	comp?	
	eiS	z	18	00	50		
22	iP	z	21	28	18	dil.	
	eiS	z		29	54		
23	iP	z	09	39	00	dil.	
	eiS	z		40	32		
23	eiP	zZ	09	55	50		
	e(S)	ZN	10	05.2			
	eL	Z		16.8			
23	eiP	z	10	09	56		
23	eiP	zZ	14	27	05		
	eiS	z		29	54		
23	iP	z	17	25	49	dil.	
	eiS	z		27	51		
23	eiP	z	21	28	21		
	iS	z		29	09		
	eiT	z		32	26		
24	iP	z	01	45	45	comp.	
	eiS	z		47	19		
24	eiP	z	11	59	49		
	ei(S)	z	12	02	19		
	ei(T)	z		13	58		
25	iP	zZ	01	33	58	dil.	
	eiS	zZN		35	48		
JUNE 25	iP	zZ	11	22	05	dil.	
	e(S)	Z		31	36		
	e	N		32.3			
	eL	Z		44.4			
	eL	N		45.2			
25	iP	z	22	29	50		
25	iP	z	22	49	29		
26	iP	z	12	52	50		
	iS	z		53	15		
26	iP	zZ	13	18	29		
	iS	ZN		19	00		

Geophysics Division

DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH.

Apia Observatory,
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Apia, Western Samoa.

6 July, 1962.

International Seismological Centre

PRELIMINARY SEISMIC READINGS 62/25

JUNE	27	eiP	z	23	03	01	
		S	ZN			34	
		eiT	z		05	24	
	28	iP	z	04	34	28	dil.
	28	iP	zZ	20	48	46	dil.
		iS	ZN		49	40	
	29	iP	z	02	48	04	dil.
		iS	z		49	51	
	29	eiP	z	06	43	14	
		i	z			50	
		i	z		46	46	
	29	iP	z	08	35	03	dil.
	29	i(P)	z	08	41	09	
		i(S)	z		43	01	
	29	iP	z	13	59	18	comp?
	30	iP	z	14	31	20	dil.
JULY	1	iP	zZ	01	36	40	
	1	iP	z	05	10	13	dil.
		iS	z		12	12	
		eiT	z		21	35	
	1	iP	z	13	35	36	
		iS	ZN		36	10	
	1	iP	z	15	06	12	
		iS	z		08	29	
	1	iP	z	15	13	39	
		ei(S)	z		16	30	
	2	iP	zZ	08	37	30	comp.
		i(pP)	Z		38	14	comp.
		eS	ZN		41	26	
		eL	Z		42.3		
	3	iP	z	06	24	33	
		iS	N		25	10	
	3	eiP	z	08	35	21	
		eiS	N		36	00	
	3	eiP	z	18	31	07	
		e(S)	Z		34	54	
		e(L)	ZN		43.0		

Geophysics Division

DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH.

Apia Observatory,
P.O.Box 52,
Apia, Western Samoa.

International Seismological Centre

13 July, 1962.

PRELIMINARY SEISMIC READINGS 62/26

Note: Unless otherwise stated, all readings from Afiamalu (AF) not Apia (AA).

JUL. 4	iP	z	05	19	04	dil.
	ei(S)	z		20	37	
4	iP	z	20	24	46	comp?
	ei(S)	z		26	13	
6	eP		12	12	53	(AA)
	eiS			13	27	
6	eP		13	30	42	(AA)
	eS			32	52	
6	iP	zZ	23	24	01	comp.
	i	z			58	
	i	z		27	15	
	e	Z		34.8		
	e	Z		37.7		
	eL	N		41.7		
	eL	N		42.8		
6	iP	z	23	31	43	
	iS	N		32	05	
8	iP	z	06	12	30	
	eiS	zN			50	
8	iP	zZ	20	21	16	
	iS	N			23	
	Felt: Apia MM'TT					
8	iP	z	22	58	13	
	iS	z	23	00	47	
	eiT	z		11	16	
9	iP	z	17	56	20	
10	iP	zZ	05	14	20	
	eiS	zN		16	07	
11	iP	z	21	16	08	
	iS	z			58	
12	iP	zZ	00	33	47	
	eiS	zZN		34	34	
12	iP	z	01	42	34	
	iS	z		44	00	
12	eP	)	09	35	18	(AA)
12	eiP	z	16	38	55	

Geophysics Division

DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH.

Apia Observatory,
P.O. Box 52,
Apia, Western Samoa.

27 July, 1962.

International Seismological Centre

PRELIMINARY SEISMIC READINGS 62/27

NOTE: Benioff seismograph recording at Afiamalu ends July 20d.
Temporary recording on z at Apia on low magnification commences 25d 02h 53m.

JULY	15	eP			12	39	12 (AA)
		eS				40	24
	15	eiP	z		20	55	08
	15	iP	z		21	37	14
		eiS	zN				46
	16	e(L)	Z		02	30.8	
	16	iP	z		02	37	54
		iS	z			38	40
	16	iP	z		06	31	47
		eiS	z			32	28
	16	iP	z		07	52	02 dil.
		ei	z			53	00
		iS	z				35
	16	iP	zZ		09	30	21
	16	iP	z		15	40	33 dil.
	16	eiP	z		20	08	55
		iS	z			10	06
	16	iP	zZ		21	16	42 dil.
		iS	ZN			17	00
	17	eiP	zZ		00	20	09
		iS	z			21	46
	17	iP	z		21	17	01
		iS	ZN				25
	19	iP	z		02	40	51
		iS	z			42	27
	19	iP	z		03	39	08
		iS	zN				28
	19	eiP	z		03	40	43
		eiS	ZN			41	20
	20	iP	z		16	29	08
		iS	z			30	28
		eiT	z			36	34

International Seismological Centre

Geophysics Division

DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH.

Apia Observatory,
P. O. Box 52,
Apia, Western Samoa.

3rd August, 1962.

PRELIMINARY SEISMIC READINGS 62/28

July	26	iP?	z	08	28	12	
	27	i(P)	z	01	31	42	
		i	z		33	26	
	27	iP	z	19	30	54	dil.
	28	iP	z	00	05	50	dil.
		Motion too rapid for S registration Felt: Apia MM 3					
	29	iP	z	13	07	23	
		ei s	z			47	
	30	iP	z	14	07	29	Comp.
		ei	z		09	06	
		iS	z			11	
	30	P	z	17	25	05	
	31	eiP	z	11	34	27	
		eiS	z		35	06	
August	1	ei(P)	z	03	52	23	
	1	iP	z	12	50	57	dil.
	2	iP	z	06	06	09	
		eiS	z			36	

Geophysics Division

DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH.

Apia Observatory,
P.O. Box 52,
Apia, Western Samoa.

International Seismological Centre

17 August, 1962.

PRELIMINARY SEISMIC READINGS 62/29

AUG.	4	eiP	z	05	40	26
		iS	z		41	12
	5	i(P)	z	15	13	16
	6	P	z	20	55	05
		iS	z		57	31
	8	eiP	z	09	21	19
		iS	z		22	53
	8	e?	z	13	39	39
	9	iP	z	04	56	43
		eiS	z		57	04
	10	iP	z	01	49	46
		iS	z		51	30
	10	iP	z	06	47	56
		S	z		48	19
	10	i(P)	z	08	27	08
		i	z			43
	12	e(P)	z	13	39	53
		ei	z		40	52
	14	eP	z	10	28	28
		iS	z			52
	16	eP	z	21	09	57
		iS	z		10	25
	16	ei(P)	z	21	14	23
		iP	z			31
		iS	z			46
	16	i(P)	z	21	17	02
		ei(S)	z			18
	17	iP	z	00	32	57
		eiS	z		33	18
	17	eP	z	00	54	06
		iS	z			31
	17	eP	z	08	34	09
		iS	z			34
	17	iP	z	11	50	28
	17	iP	z	16	21	42
		iS	z		23	13

Geophysics Division

DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH

Apia Observatory,
P.O. Box 52,
Apia, Western Samoa.
31 August, 1962.

International Seismological Centre

PRELIMINARY SEISMIC READINGS 62/30

AUG. 17	iP	z	22	56	22		
	ciS	z			46		
18	ciP	z	07	54	17		
	iS	z			58		
19	ciP	z	04	14	52		
	iS	z		15	23		
20	iP	z	17	21	35		
	iS	z		22	08		
21	iP	z	12	06	58		
	i	z		07	18		
	i	z			29		
21	iP	z	17	05	02		
	ciS	z			22		
21	ciP	z	21	09	28		
	i	z		12	17		
	ci	z		15	10		
	i	z		19	44		
22	iP	z	09	14	53		
	iS	z		16	36		
23	iP	z	15	36	23		
	S	z			56		
23	ciP	z	17	07	24		
	ci(S)	z		10	11		
23	iP	z	19	17	53		
	iS	z		18	20		
24	P	z	06	50	05	on time break.	
	iS	z		52	37		
24	iP	z	09	04	46	dil. Motion too rapid for S registration. Felt Apia MM3.	
	iP	z	12	20	15		
	iS	z			36		
25	iP	z	08	33	59	comp.	
	i	z		35	40		
	iS	z			43		
26	iP	z	00	33	22	comp.	
AUG.27	iP	z	21	09	09	comp.	
	i	z			15		
	i?	z		11	56		
	iS	z		12	11		
27	iP	z	23	47	44		
	ciS	z		50	41		
28	iP	z	00	40	39		
	ciS	z		41	04		
28	iP	z	11	19	45		
29	iP	z	02	19	13		
	iS	z			36		
30	ciP	z	17	19	39		
	ci	z		20	17		
	ci(S)	z			58		
	i(T)	z		27	21		

Geophysics Division

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Apia Observatory,
P.O. Box 52,
Apia, Western Samoa.

14 September, 1962.

International Seismological Centre

PRELIMINARY SEISMIC READINGS 62/31

Correction to A/L 62/29. All earthquakes dated Aug. 10 should be Aug. 11.

SEPT.	1	iP	z	04	56	26
	3	eiP	z	00	58	24
		iS	z			53
	6	iP	z	05	35	40
		S	z		36	00
	7	iP	z	07	51	26
	8	iP	z	23	59	02
		eiS	z			24
	9	iP	z	17	22	38
		iS	z		23	30
	10	iP	z	03	12	13
		iS	z			33
	10	iP	z	15	46	19
		iS	z		48	06
	10	iP	z	17	50	11
		iS	z			54
		eiT	z		53	56
	11	iP	z	02	24	51
		S	z		25	12
	12	iP	z	03	26	14
		eiS	z			34
	12	iP	z	14	18	30
		S	z			52
	14	iP	z	18	19	46
		iS	z		21	14

Geophysics Division.

DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH.

Apia Observatory,
P.O. Box 52,
Apia, Western Samoa.

28 September, 1962.

International Seismological Centre

PRELIMINARY SEISMIC READINGS 62/32

SEPT.	15	iP	z	06	06	38
		iS	z		07	24
	17	iP	z	05	01	47
		eiS	z		04	08
	17	iP	z	17	58	05
		iS	z		59	57
	18	iP	z	20	16	02
	18	iP	z	21	13	52
		iS	z		14	10
	18	iP	z	21	47	46
		iS	z		48	41
		eiT	z		52	12
	18	iP	z	22	04	05
		S	z			33
	20	iP	z	12	01	39
	21	iP	z	08	46	31
		eiS	z		48	24
	21	iP	z	14	56	46
	22	iP	z	13	27	21
		eiS	z			50
	22	iP	z	15	13	30
	23	iP	z	10	47	53
		eiS	z		48	25
	25	eiP	z	07	32	46
		e(S)	z		34	39
	26	iP	z	12	48	02
		eiS	z		50	32
	27	iP	z	13	27	00
		iS	z		28	34

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Geophysics Division

DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH.

Apia Observatory,
P.O. Box 52,
Apia, Western Samoa.

12 October, 1962.

PRELIMINARY SEISMIC READINGS 62/33

SEPT.	28	iP	z	02	07	54
		eiS	z		08	28
	29	iP	z	12	17	08
		eiS	z			38
		eiT	z		19	50
	30	iP	z	11	16	30
		S				52
OCT.	1	iP	z	03	58	44
		ei(S)	z	04	00	17
	1	eiP	z	20	43	54
		i(P)	z		44	33
		S	z			57
		Wave train lasting 8 minutes.				
	2	iP	z	01	51	50
	4	iP	z	02	13	38
		eiS	z		14	03
	4	iP	z	18	48	10
		iS	z			42

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19.10.62

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PRELIMINARY SEISMIC READINGS 62/34

NOTE: All readings from Afiamalu (AF) not Apia (AA)

OCT.5	eiP	zen	05	30	37	OCT.7	iP	ze	07	21	35
	eiS	zen		31	12		i	n			43
5	iP	zen	10	48	16	7	iP	ze	08	00	53.5
6	eP	zen	05	31	09		i	n			55
	i	zen			21	7	iP	en	08	08	04
6	eP	ZE	07	21	40		iP	z			06
	eS	ZE		25	28	7	i	e	08	36	29
	eL	ZEN		26	42	7	iP	ze	11	05	18.5
6	iP	ZEN	08	00	58		i	n			20
	e?	E		03	52	7	iP	z	11	12	39
	e	E		04	44	7	iP	ze	18	05	39
	i	ZN		05	08		i	z			41.5
	i	ZEN		08	11	7	iP	zen	22	42	54.5
	i	ZN		12	20		iS	zn		43	24
	i	ZEN		13	20	7	eiP	zen	23	26	34
6	iP	ZE	11	05	18	7	iP	ze	23	35	58
	e(PP)	ZE		06	15	8	iP	ze	00	53	35.5
	eS	ZE		08	56	8	P	zen	07	19	02
6	eP	ZE	12	04	22	8	iP	zen	07	23	49
	eS	ZEN		08	26		i	z		24	04.5
6	iP	zen	16	10	54	8	iP	zen	17	55	07.5
	iS	zen		11	16		iS	zen		56	19
6	eP	Z	18	05	46		eT	zen	18	00	19
	eS	ZE		10	49	8	iP	ze	20	41	17
6	iP	zen	18	36	16	8	iP	z	22	08	05.5
	iS	zen			44		i	eZ			08
6	iP?	E	23	35	56		eS	Z		17	16
	iP	ZEN		36	02		i	Z		18	52
	iS	ZEN		39	52		eSS	Z		21	28
	i	ZN		40	13		i	Z		23	04
	iL	ZE		41	10		i	Z		27	55
7	eP	Z	00	53	40		eL	Z		30	10
	eS	ZEN		58	36		eL	Z		35	36
7	iP?	z	04	27	55	9	iP	en	15	25	59
	iP	zen			57						
	i	z		28	04						
	i	e			07						
	i	e		30	18						
7	iP	ze	04	39	42						
7	i	en	05	47	31						

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OCT.	9	eP	zeZ	20	22	16
		iPP	Z		23	43
		eS	Z		28	22
		i	Z		31	40
		iL	Z		33	24
	10	iP	ze	07	47	54.5
		i	n			57.5
	10	eP	z	08	43	38
		i	en			54.5
		i	z			58
		i	en		45	44
	10	iP	zen	09	23	10
		iS	e		25	19.5
	10	iP	en	10	40	27
		i	z			29
	10	iP	ze	16	21	14
		i	z		22	20.5
		iS	en			22
	10	eiP	zen	19	14	20
		eS	ZEN			44
	10	iP	ZEN	21	53	04 dil. from NE
		iS	ZEN			24
		Felt:	Apia MM 3.			
	10	iP	zen	22	18	26
		i	zen			31
		iS	zen			48
	11	eP	zen	01	09	37
		iS	en			54.5
	11	iP	zen	01	11	01
		iS	zen			21

Geophysics Division

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Apia Observatory,
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29 October, 1962.

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PRELIMINARY SEISMIC READINGS 62/35

OCT. 11	iP	z	13	04	55	OCT. 16	eP	zen	18	46	05
	iS	zen		05	28		iS	zen			58.5
11	iP	zen	14	17	54	16	i(P)	z	18	47	32
	iS	zen		18	13		iS	e		49	19.5
11	iP	zen	19	14	30.5	16	eiP	zen	19	08	05
	iS	zen			48		iS	en		09	01
12	eiP	z	10	50	35		eiT	zen		13	56
	eiP	en			37	17	iP	zen	12	43	33.5
12	iP	ze	11	10	46.5		iS	ze			53.5
12	iP	zen	11	45	25	17	iP	z	14	24	02.5
	eiS	zen		46	43		iS	zen			20
12	iP	ze	14	54	10	17	iP	z	15	16	45.5
	iS	en		55	55	18	iP	zn	18	23	25.5
12	iP	ze	19	49	19		iS	en			46.5
12	iP	ze	20	42	16	18	iP	z	20	07	22
	iS	e		44	45	18	iP	z	22	07	30
13	iP	z	07	51	52		iS	en			57
	iS	en		52	24.5	19	iP	zen	13	51	47
13	iP	z	08	33	51		iS	zen		52	06
13	iP	z	18	52	32	19	iP	zen	18	14	41.5
	iP	en			34		iS	zen		15	06.5
14	iP	ze	07	25	16	19	iP	zen	20	25	36.5
	i	EN			18.5		ei	n		26	56
15	iP	ze	08	09	17	19	iP	zen	23	52	09
	iS	ze			47	20	iP	z	03	38	09
15	iP	z	08	33	39.5		iS	z		39	55
	eiS	ze		34	08	20	iP	z	05	40	18
15	iP	z	11	42	26	21	iP	z	08	19	20
	iS	ze		43	03		eiS	zen		20	55
	eiT	ze		46	04						
15	iP	ze	12	30	58						
	eiS	ze		31	29						
16	iP	ze	05	26	03						
	eS	ZE		31	04						
16	iP	z	08	07	57.5						
16	iP	ZN	18	22	00						
	iS	N		32	20						

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Apia Observatory,
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5 November, 1962.

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PRELIMINARY SEISMIC READINGS 62/36

OCT. 21	iP	Z	10	29	10	OCT.25	iP	Z	09	44	35
	iP	EN			11.5		iP	E			38.5
							i	Z			57
21	iP	ZEN	13	07	53		iS	EN		53	09
	Motion too rapid for S.						eL	N	10	00	26
21	eiP	Z	22	26	57		25 iP	ZEN	12	38	40
	iS	EN		27	29		iS	ZE		40	04
	eiT	ZEN		29	41						
							25 iP	ZE	19	31	02
22	iP	ZE	01	11	44		eiS	ZE			23
	iS	EN		13	17.5						
							25 eP	Z	20	15	13
22	iP	ZEN	14	06	55		i	Z			27.2
	iS	ZEN		07	17		iS	E		23	02
							i	Z			04.8
22	eL	ZEN	15	55.0			i	N			07.8
							i	E		26	24
22	iP	Z	19	51	55.5		e	N		28	00
	iS	ZE		52	28.		i	E			23
							eL	ZN		29.0	
	Records missing from 222144z to 230350z.						Coda lasting 30 minutes.				
	Felt report at 230127z.						25 eiP	ZE	21	22	10
							i	N			28
23	iP	ZN	04	40	08		iS	N		26	07
	iS	ZN		41	54.5						
							26 eP	Z	04	53	08
23	iP	Z	05	29	17		iS	EN			36
	iS	N			40.4						
							26 eiP	ZE	07	25	02
23	iP	ZN	06	47	22						
	iS	N			42		26 iP	Z	08	30	17.5
							iP	E			19.1
23	eP	ZN	09	18	41		eiS	EN		31	00
	iS	ZN		19	26						
	eiT	ZN		23	07		26 iP	Z	19	19	10.1
23	iP	Z	16	17	52.4		26 eiP	EN	21	02	52
							i	EN		03	11
23	iP	Z	17	52	11.4						
							27 e(P)	Z	06	53	30
23	iP	Z	20	19	57.8		i	EN			51.4
							e	ZEN		55	51
24	iP	Z	06	23	18.3						
							27 e	ZEN	07	07	06
24	iP	Z	19	24	55.4						
							27 iP	Z	07	37	55.5
24	eiP	ZN	20	20	25		iS	EN		38	24.4
	iS	N			44						
							27 eiP	Z	21	15	05
	Records missing from 242239 to 250423z.						i	Z			16
							i	E			18.9
							i	EN			52.6
							27 eiP	Z	20	39	06

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OCT. 27	iP	ZEN	20	49	20
	Motion too rapid for S.				
27	eiP	ZEN	22	12	21
27	i(P)	E	22	18	38
	ei	ZEN		20	06

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12th Nov., 1962.

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PRELIMINARY SEISMIC READINGS 62/37

OCT.	28	iP	ZN	14	05	29.5	OCT. 31	iP	ZE	04	51	40
	28	iP	ZEN	25	00	17		iS	ZEN		52	05.2
		i	N		01	27.6						
	29	ei(P)	ZEN	13	36	19	31	iP	ZEN	05	12	15.5
								iS	ZN			34.5
	29	eS	ZEN	16	24	42	31	iP	Z	11	41	59
		eL	ZEN		32.9			iS	EN		42	17
	29	eS	ZEN	21	19	24	31	eP	EN	11	56	34
		eL	N		25.5			e	Z		57	27
		eL	ZE		27.5			e	E	12	02	36
		Coda lasting 12 mins.						e(S)	ZN			40
								e	N		09.3	
	30	iP	ZEN	00	31	55		eL	ZE		12.1	
		iS	EN		32	26		eL	ZE		13.6	
	30	e	ZEN	02	22.0		31	i?	Z	14	43	16
		eL	ZEN		38.7		31	iP	ZN	23	07	38
								iS	ZEN		08	55
	30	iP	ZEN	12	35	56		eiT	ZEN		15	04
		iS	N		37	29						
							NOV. 1	iP	ZEN	09	49	55.8
	30	iP	Z	15	22	11		iS	EN		52	04
		i	EN			16						
		i	EN		23	26	1	iP	ZEN	11	51	25.7
		iS	EN			31		iS	ZEN			47
		eiT	ZEN		29	15						
							1	iP	Z	15	43	15
	30	iP	Z	15	47	51.5		i	E			17.2
		iP	E			52.5		e	ZE		51	03
		e	N		54	27		iS	ZE			10
		e	N	16	03.6			e	ZE		55.2	
		e	ZN		12	31		eL	N		57.3	
		eL	ZEN		14	08		eL	ZEN		59.8	
		Coda for 30 mins.										
							1	iP	Z	18	02	08.5
	30	iP	Z	16	06	12.2		eS	ZE		10	05
		eiS	ZEN		07	05		e	N			27
								i	N		16	54
	30	iP	Z	16	59	41.6		eL	ZEN		18.6	
	30	e(P)	Z	18	56	32						
		eiS	ZEN		58	09						
	30	iP	Z	19	25	04.2						
		eiS	EN		26	35						
	30	i(P)	EN	20	23	10.7						
	30	iP	Z	20	57	23.6						
		iS	ZEN		58	44						

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19 November, 1962,

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PRELIMINARY SEISMIC READINGS 62/38

NOV.	2	iP	Z	06	59	05.5	NOV. 9	eiP	Z	16	19	30
								eS	E		22	52
	2	iP	Z	14	58	08		e	N		24.2	
		i	Z			14.5		eL	EN		27.4	
		e	E	15	20	40						
		e	Z		24.6		11	iP	Z	05	34	55.5
		eL	N		27.2			iS	EN		36	29
3		iP	ZE	01	06	28	11	eL	ZE	08	35.0	
		e(S)	ZE		14	54						
3		iP	ZEN	04	39	06	11	iP	Z	11	59	42.6
		iS	EN		40	46		iS	ZEN	12	01	12.2
							11	iP	Z	15	35	32
4		eP	Z	10	17	37						
		iS	E		18	02.3	11	iP	ZEN	16	14	39 Comp.
								i	ZE			56 from SW.
4		iP	ZE	11	20	37.8		i	N		16	13
		iS	EN		21	05		i	Z		18	36
								iS	ZEN		19	37
4		iP	Z	12	08	19.7						
		eiS	EN		09	50	11	eP	Z	22	26	50
								eS	ZEN		37	20
4		iP	ZEN	16	56	41		eSS	ZEN		42	42
								eSSS	Z		46	12
4		eiP	Z	21	10	03		eLq	EN		49	32
		eiS	EN		11	49		eLr	ZEN		52	48
5		eL	N	18	16.7		12	eP	Z	19	22	17
								eiS	ZEN			43
6		iP	ZN	14	30	35						
							13	eiP	Z	06	31	46
7		iP	Z	06	16	45.5		iS	EN		32	33.5
7		iP	Z	06	24	55.5						
		eiS	EN		27	06						
7		iP	Z	23	09	59.3						
		iS	ZEN		10	22.3						
8		eiP	Z	00	22	11						
		iS	ZEN			51.9						
8		eL	ZE	01	03	04						
8		iP	EN	06	58	13						
		iS	EN	07	00	19.7						
8		eS	ZE	07	58	37						
8		iP	Z	11	42	30.5						
		iS	ZEN			51,2						
8		iP	ZE	16	31	20						
9		iP	ZEN	08	28	22.5						
		iS	EN		30	06						

Geophysics Division

DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH.

Apia Observatory,
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26 November, 1962.

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PRELIMINARY SEISMIC READINGS 62.39

NOV.13	iP	Z	21	49	56.4
	iS	EN		50	18.2
13	eP?	Z	01	56	34
14	iP	Z	03	29	39.6
	eiS	EN		31	06
14	iP	Z	05	34	05
	iS	EN			26
14	iP	Z	07	26	53
	iS	EN		29	13
	eiT	ZEN		39	21
14	e(L)	E	07	29.3	
14	eiP	Z	07	58	54
14	e(S)	EN	08	07	27
	e	E		15.7	
	eL	ZEN		18.2	
14	eP	Z	09	20	23
	iS	EN			54.5
	eiT	ZEN		22	42
14	eiP	ZEN	14	25	42
	iS	EN		27	25
14	iP	ZN	22	10	03 dil. from
	e	Z		23.1	SE.
	eL	Z		26.6	
	eL	Z		31.3	
15	iP	Z	00	50	03
15	iP	Z	01	44	29
	ei(S)	EN		46	11
15	iP	Z	03	44	44.5
	iS	EN		46	20
15	iP	ZEN	05	26	57
	iS	EN		27	15
15	iP	Z	10	14	05
15	iP	ZE	11	32	51
	iS	EN		34	35
15	iP	ZEN	12	14	08
	iS	EN			26
15	iP	Z	16	32	53.2
	iP	E			55.3
15	e(L)	ZEN	16	32.2	
NOV.15	iP	Z	16	57	39
15	iP	ZEN	20	38	33
	eiS	EN		40	04
15	iP	ZE	23	38	13.5 Comp
	eS	E		49	04 from E
	i	E		50	31
	eSS	E		54	24
	eL	E	00	06	12
16	iP	ZE	02	21	44
16	eP	ZE	07	28	28
	ePPP	Z		32	42
	iS	ZEN		36	40
	iSS	Z		40	16
	i(SSS)	EN		43	30
	iL	ZEN		44	48
	Coda lasting 30 minutes.				
16	eP	ZEN	12	40	30
	eiS	ZEN		41	10
	eiT	ZEN		44	28
16	eP	Z	14	19	40
	iS	EN		20	23
16	iP	Z	15	04	46
	iS	EN		05	15.8
16	e(P)	Z	21	36	22
	e(PP)	Z		41	20
	eS	Z		44	55
	eSS	Z		50	24
	e	ZE		54	18
	eL	ZE		58.8	
	Phases doubtful.				
17	iP	Z	14	10	37.2
	iS	N		12	18
17	iP	ZN	14	31	33.3
17	iP	ZN	20	45	10.5
	iS	ZEN			31
18	iP	ZN	01	00	37
	iS	EN			56
18	iP	ZEN	12	01	17.8
	iS	EN			51

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Apia Observatory,
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Apia, Western Samoa.
3 December, 1962.

International Seismological Centre

PRELIMINARY SEISMIC READINGS 62/40

NOV.19	eS	EN	10	32	32	NOV.23	iP	Z	17	59	28
	e	Z			48						
	eL	EN		38.5			23	iP	Z	18	54	31
	eL	Z		40.2				iS	EN			56
20	iP	Z	02	58	17		23	iP	Z	23	08	09.6
	iS	N			30			i	E			11.9
20	iP	ZEN	03	22	58.4			iS	EN		10	02.3
	iS	ZEN		23	05		24	iP	ZE	08	11	35
20	iP	ZN	03	46	55			i	N			48
	iS	EN		47	20			iS	N		12	34
20	e(P)	Z	07	44	18			iS	E			39
20	e(L)	ZE	10	27.5			24	iP	Z	10	36	57
20	iP	ZEN	12	28	20			i	Z		38	41
20	iP	ZE	16	34	32			iS	EN		39	11
	iS	ZEN		35	32		24	iP	Z	13	01	02.1
21	iP	ZEN	17	18	39		24	iP	Z	19	49	23.5
	iS	EN		19	00		25	iP	Z	02	53	27
21	iP	ZE	18	18	48.3		25	iP	Z	10	46	22
21	iP	Z	19	42	44		25	eP	ZE	17	03	18
	iS	EN		44	35			eiS	ZEN			52
22	iP	Z	07	42	44			eiT	ZEN		06	20
	e	ZEN		47.2			25	iP	ZE	20	41	07
	e	ZE		50.2				iS	EN			36
	e	Z		53.3			26	iP	Z	06	35	52.4
	i	E		54	46			iS	EN		36	12.
	e	Z		55.2			26	iP	Z	09	59	31
22	iP	Z	08	39	24		26	iP	Z	16	01	13.5
	iS	EN		41	06.7			S	ZEN		03	00
22	eP	Z	09	06	00			eiT	ZEN		11	13
	eiS	ZEN		07	33		27	iP	Z	05	22	48.4
22	eP	ZEN	09	41	13			eiS	ZN		23	06
	eiS	ZEN		42	09		27	iP	Z	07	00	49
23	e(P)	Z	00	00	25			iS	N		01	08
	i	N		08	48		27	i	Z	07	04	23
	i	N		10	28			i	Z		05	03
	i	Z			48		27	e	N	17	11.2	
23	e(L)	Z	01	12.5				eL	ZE		11.6	
23	iP	Z	09	49	03			eL	ZEN		14.7	
	iS	EN			28		27	iP	Z	22	54	33
								iS	ZEN			38.5

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Geophysics Division

DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH.

Apia Observatory,
P.O. Box 52,
Apia, Western Samoa.

10 December, 1962.

PRELIMINARY SEISMIC READINGS '62/41

NOV.29	iP	ZEN	01	13	56
	iS	EN		14	16
29	iP	Z	02	02	29.8
	iS	EN			48
29	eiP	Z	04	02	10
	iS	EN		04	58.8
	eT	ZEN		14	11
29	iP	Z	07	05	38
	iS	EN		06	11
29	iP	Z	07	33	45.7
	iS	N		36	04.8
	eiT	ZEN		46	46
29	iP	Z	09	05	59.2
	iS	ZEN		07	33
	eiT	ZEN		13	30
29	e	N	09	06	06
	e(L)	NE		07	47
	eL	Z		08	09
29	i	EN	10	21	11
	i	Z			13.7
29	eP	Z	16	03	51
	iS	E		05	07.9
	eiT	ZEN		10	52
29	iP	Z	19	11	04
	iS	ZEN		14	36
29	iP	Z	23	51	43.4
	iS	Z		52	19
30	iF?	Z	05	21	10.7
	i(P)	Z			22.3
30	iP	Z	10	06	09
	eiS	Z			38
30	iP	Z	15	20	36.6
30	iP	Z	15	40	31
	eiS	Z		41	35
30	eiP	Z	22	32	40
DEC. 1	iP	ZE	00	39	21
	i	N			26.2
	iS	EN			48
1	i(S)	N	02	12	24
	eL	N		22.4	
DEC.1	iP?	Z	04	23	57.9
	iP	ZE		24	02
	iS	EN		26	53
	ei?	ZEN		37	24
1	eL	EN	04	27.8	
1	iP	Z	11	15	47
	iS	EN		16	06
1	iP	Z	11	49	34
	iS	EN			57.2
1	iP	Z	14	02	32
	iS	EN		03	23
1	iP	Z	15	03	00
	i	N			21

Seismograms interpreted by
Iosa Anapu.

P.J. Milne,
OBSERVER-IN-CHARGE.

International Seismological Centre

Geophysics Division

DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH.

Apia Observatory,
P.O. Box 52,
Apia, Western Samoa.
14 December, 1962.

International Seismological Centre

PRELIMINARY SEISMIC READINGS 62/42.

DEC. 2	iP	Z	07	49	59	DEC 5	eL	ZE	12	19.9	
	iS	N		50	18.7						
						5	iP	ZE	12	26	47.5
2	iP	Z	12	13	55.6		iS	EN		28	34
	i	N		14	31						
	iS	E			38	5	eiP	Z	23	53	24
							iS	EN			50
2	iP	Z	16	17	22						
						6	eiP	Z	01	10	02
2	eiP	Z	21	47	47		iS	E			29
	iS	EN		48	11						
						6	eiP	Z	01	14	56
3	eiP	ZEN	10	02	32		iS	N		15	25
	i	N		03	31						
	iS	E			33	6	e	Z	07	34.6	
3	eiP	ZEN	10	31	29	7	iP	Z	12	59	21.7
	eiS	EN		33	35						
						7	iP	ZEN	14	13	30.7 Comp.
3	eiP	Z	18	49	54		i	Z		14	54 from
	iS	N		50	29		i	Z		15	49 NW.
							i	Z		21	32
4	iP	Z	08	39	49.1		iS	EN			35
							i	ZE		22	49
4	iP	ZE	10	41	46.5		i	N		24	07
	i	N		42	10.4		i	Z			37
	eL	ZEN		50.3			i	EN		29	02
							i	Z			19
4	iP	ZN	16	40	46		i	ZN		30	49
	iS	E		41	07						
						7	i	ZEN	14	22	49
5	e	ZN	01	26.2							
	e(L)	EN		27.3		8	iP	ZEN	18	19	00.3 Comp
	eL			28.6			i	ZE			from
							Motion too rapid for S				SW
5	eiP	Z	03	03	23		registration.				
	eiS	EN			57		Felt Apia. MM 5.				
	ei(T)	ZEN		06	44						
						8	e	N	21	42	14
5	iP	Z	05	13	05.7		e	N		44	18
	i	E			12		e	EN		46	12
	i?	E		14	33		iS	EN		49	52
	iS	N			35		iSS	EN		52	29
							i(SSS)	N		56	14
5	i	Z	05	55	35.4		e	EN	22	00	52
	e	N		57	39		iL	N		08	42
[illegible]	[illegible]	N	06	37.7		9	iP	N	07	12	28.6
							iS	E			48
5	iP	ZN	08	31	23.[illegible]						
	iS	EN			51.3	9	eiP	EN	11	53	15
							iS	EN			36
5	iP	Z	09	14	37.4						
	iS	ZEN		15	08	9	eiP	EN	14	18	14
							iS	EN		19	51
5	eP	Z	11	29	20		eiT	EN		24	05
	iS	EN			45						
						9	iP	EN	16	20	49.2
5	iP	Z	11	46	38.6		iS	EN		21	13
	iS	EN		47	13						

DEC. 9	iP	EN	17	35	28
	eiS	EN		36	14
10	iP	Z	00	59	40.7
	iS	ZE			59
10	e	N	06	22	54
	eL	N		26	10
	eL	ZE		26.6	
10	iP	Z	06	50	53
	iS	E		51	38
	eiT	ZE		54	23
10	eP	Z	11	14	30
	iS	E		15	12.5
	eiT	ZE		18	07

Seismograms interpreted by
Iosa Anapu.

The staff of the Apia Observatory extend to you Christmas and New Year greetings.

(Ia Manuia le Kilisimasi male Tausaga Fou)

P.J. Milne,
OBSERVER-IN-CHARGE.

Geophysics Division

DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH,
NEW ZEALAND

International Seismological Centre

Apia Observatory,
P.O. Box 52,
Apia, Western Samoa.
21 December, 1962.

NAME AND LOCATION OF STATION: AFIAMALU (six miles from Apia)
LATITUDE: 13° 54' 33.7"S LONGITUDE: 171° 46' 37.9"W
INSTRUMENT: WORLD WIDE STANDARD SEISMOGRAPH SYSTEM NO. 72.
DATE RECORDING COMMENCED: 5 OCTOBER 1962.
SHORT PERIOD MAGNIFICATION: 12,500
LONG PERIOD MAGNIFICATION: 750

PRELIMINARY SEISMIC READINGS 62/43

DEC. 10	eP	Z	13	53	36	
	eiS	E		54	10	
	eiT	ZE		56	39	
10	iP	Z	16	59	08	
	eS	ZE	17	01	34	
	e	N		02	06	
	eiT	ZE		11	27	
11	iP	Z	08	02	06.2	
	iS	E			25	
11	iP	Z	08	22	36.2 dil.	
	iS	E		24	28	
11	i(P)	Z	11	33	48 dil.	
11	iP	Z	13	56	38.6 dil.	
11	iP	ZE	17	54	52.5dil.	
	eiS	ZE		56	54 from	
	eiT	ZE	18	08	07 E?	
12	eiP	Z	00	53	30	
	eiS	E		54	10	
	eiT	ZE		56	24	
12	iP	ZE	06	50	09comp.	
	iS	E			28.5from E.	
12	P	Z	10	16	00 on	
	iS	ZEN		21	08 time	
	eL	ZEN		23.5	break.	
13	eiP	Z	09	45	08	
	iS	ZEN			28	
13	iP	Z	12	07	37.5	
	iS	EN			52	
13	iP	Z	20	17	04.8	
	iS	EN			24.5	
14	iP	ZN	07	24	28.7	
	iS	EN			48	
DEC.14	iP	Z	09	30	13 dil.	
15	iP	ZE	02	39	50.5dil.	
	eiS	EN		41	22 from E	
15	eiP	Z	13	09	02	
	iS	N			27.	
	eiT	ZEN		11	28	
15	iP	Z	15	30	05.5 dil.	
	iS	N		31	36.5	
16	iP	Z	20	28	35	
	iS	EN		29	22	
17	eP	Z	05	08	57	
	eiS	EN		09	16	
	eiT	ZEN		11	34	
17	e?	N	07	50.1		
17	iP	Z	11	10	29 dil.	
17	e	ZE	11	18.8		
	e	N		21.1		
	e	N		25.3		
	e(S)	N		28.3		
18	iP	ZE	03	04	01 dil from W	
18	iP	Z	10	37	22 dil.	
	i	EN		39	54	
	iS	EN			59.3	
	eiT	ZEN		47	05	
18	iP	Z	11	33	00.5 dil.	
	eiS	EN		35	15	
18	iP	Z	20	58	09 dil.	
	iS	EN		59	22.7	
18	iP	Z	22	59	31	
	iS	EN			50.5	

International Seismological Centre

DEC.	18	iP	Z	23	40	05
		iS	EN			25
	19	e	ZEN	13	08.6	
		eL	ZEN		11.2	
	19	iP	ZEN	20	18	43
		iS	EN		20	50
	19	iP	Z	21	46	09
		iS	N			46
		eiT	ZEN		49	40
	20	iP	Z	08	34	10 comp.
		iS	NE		35	18
		eiT	ZEN		40	08
	20	iP	Z	08	50	09.3 dil.
		iS	N		52	21.8
	20	iP	Z	16	11	19
		iS	EN			37.4
	20	i(P)	Z	16	23	29

Geophysics Division

DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH,
NEW ZEALAND

Apia Observatory,
P.O. Box 52,
Apia, Western Samoa.
11 January, 1963.

International Seismological Centre

NAME AND LOCATION OF STATION: AFLAMALU (six miles from Apia)
LATITUDE: 13° 54' 33.7"S LONGTUDE: 171° 46' 37.9"W
INSTRUMENT: WORLD WIDE STANDARD SEISMOGRAPH SYSTEM NO. 72.
DATE RECORDING COMMENCED: 5 OCTOBER 1962.
SHORT PERIOD MAGNIFIC TION: 12,500
LONG PERIOD MAGNIFICATION: 750

PRELIMINARY SEISMIC READINGS 63/1

DEC. 21	iP	ZEN	00	55	55	
	Comp from NE.					
21	iP	ZEN	06	46	19.5	
	Comp. from SE.					
	Motion too rapid for S.					
21	iP	ZN	08	43	31	
	Dil. from N.					
21	iP	ZEN	08	44	25	Comp
	i	N		48	56	from
	i	N		49	58	NW
	i(S)	ZN		53	29	
	e	N		55	00	
21	iP	ZEN	09	02	22	Dil.
	Coda for over 1 hour.					from
	Phases doubtful.					NE
22	iP	ZE	00	56	42	Dil.
	i	EN			45	
	i	Z	01	00	16	
	i	E			18	
	iS	E			48	
	iL	ZE		01	44	
	Coda about 1 hour.					
22	iP	ZEN	01	33	11	Comp
	iS	E		35	04	from
						SE
22	iP	ZEN	11	28	32.4	Comp.
	iS	EN			54	from
						SW
22	iP	Z	15	31	23	
	iS	E		40	15	
	e	ZEN		47.3		
	eL	ZN		50.0		
	Coda for over 30 mins.					
22	iP?	Z	23	35	05	Dil.
23	e	N	03	54	26	
23	iP	Z	04	15	42	
	iS	EN		16	13	
DEC. 23	iP	Z	12	27	11	
	iS	EN			32	
24	iP	Z	01	29	56.6	
	iS	EN		30	29.3	
24	iP	Z	06	47	50	
	eiS	EN		48	41	
24	iP	ZN	07	07	05	
	iS	EN			44	
24	iP	Z	11	45	08	Comp.
24	eiP	Z	18	32	04	
	eiS	ZEN			51	
25	iP	ZN	11	06	06	
	iS	EN			43.4	
25	iP	Z	12	11	21.6	
	iS	ZEN			42	
25	eL	EN	12	36.8		
	eL	Z		40		
25	eiP	Z	14	39	46	
	eiS	ZEN		40	21	
25	iP	Z	22	11	35	Comp
26	iP	ZEN	18	02	10.2	
	eiS	ZEN			51	
26	eP	ZN	22	36	18	
	iS	ZN		45	34	
	i	E			45	
	i	E		50	13	
	i	E		53	27	
	e	N		54.2		
	iL	ZN		56	46	
	Coda for about 1 hour.					
27	iP	ZEN	04	14	22.1	Comp
	iS	ZN			42	from
						SW
27	eL	Z	18	49.7		

DEC. 29	i(S)	E	11	05	04	
	i	E		07	14	
	e	E		11.0		
29	e(S)	E	11	24.3		
	e	N		25.0		
29	iP	Z	14	51	48.6	Dil.
	i	N			49.4	
	i	N			52	
	i	N			54.5	
	eS	E		54	54	
	iS	N		55	16	
	iL	E			43	
	eiT	ZEN	15	10	03	
29	eiP	Z	21	51	38	
	eiS	E		52	18	
30	iP	ZEN	03	41	54.5	Dil.
	ei	ZEN		42	20	from
	iS	N		44	53	NW
30	ei	ZEN	13	39	08	
30	iP	ZEN	16	18	36.3	Comp.
	eiS	ZE			55	from
						SW
30	eP	Z	18	23	30	
	iS	ZEN		28	34	
	eL	ZEN		31.2		
	Surf. wave about 10 mins.					
30	eiP	ZEN	22	53	33	
	eiS	ZEN		55	58	
	eiT	ZEN	23	06	06	
31	iP	Z	00	39	28.8	Dil.
	eiS	ZEN		40	29	
31	iP	ZEN	09	06	50	Dil.
	eS	EN		07	28	from
						SW.
31	iP	Z	14	59	39	
	iS	EN	15	00	38.3	
31	eiP	ZE	19	44	22	
	eS	ZEN		47	43	
31	eiP	ZEN	23	39	27	
	eiS	ZEN		40	58	