59/1 January, 1959.

University of Tasmania

Geology Department

FORT NELSON SEISMOLOGICAL STATION

Provisional Bulletin

Address: The Professor of Geology, University of Tasmania, Box 647c, Hobart, Tasmania.

Vault Location: Fort Nelson, latitude 42°55'35"S, longitude 147°21'10"E, altitude 209m.

Foundation: Jurassic dolerite.

Instruments: (interim installation pending permanent base equipment). Sprengnether Series H horizontal pendulum EW, 15.3 sec. Willmore vertical 1 sec. recording through DC amplifier and pen recorder, operating intermittently.

Limitations: This station is only in process of establishment. Inexperienced operators are in training. Chronometer at present only read to half second. Improved installation proposed.

No.	Date 1959	Phase	Time (GMT)	Remarks
1			h. m. s.	
1	January 1	eLq E	07 44.8	Max. E 07 46.4
2	1	e(SS) E	08 08 13	
3	4	eL E	03 40.1	Max. E 03 45.1
4	5	eP E	09 52 41	
		iPPP E	09 53 37	
		e(S) E	09 57 32	
		eL E	10 00.5	Max. E 10 05.0
5	8	eL E	22 57.0	Max. E 23 01.5
6	20	eL E	17 05.8	Max. E 17 07.7
7	22	e E	05 47.7	Record confused by large microseisms and movement in vault.

S. Warren Carey,
Professor of Geology.

59/2

February, 1959.

University of Tasmania

Geology Department

FORT NELSON SEISMOLOGICAL STATION

Provisional Bulletin

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Foundation: Jurassic dolerite.

Instruments: (interim installation pending permanent base equipment) Sprengnether Series H horizontal pendulum EW, 15.3 sec. Willmore vertical 1 sec. recording through DC amplifier and pen recorder, operating intermittently.

Limitations: This station is only in process of establishment. Inexperienced operators are in training. Chronometer at present only read to half second. Improved installation proposed.

No.	Date 1959	Phase		Time (GMT) h. m. s.	Remarks
8	February 2	i	E	19 26 56	
9	7	ePS	E	10 06 24	
		ePPS	E	10 07 44	
		iSS	E	10 12 39	
		e(SSS)	E	10 16 46	
		eL	E	10 32.7	Max. E 10 43.6
10	14	eL	E	04 56.8	Max. E 05 00.9
11	15	i	E	04 21 14	
		e	E	04 31 11	
12	15	e	E	05 13 59	
13	23	e	E	02 11 21	
		e	E	02 16 18	
		e	E	02 17 42	
14	28	iS	E	11 49 46	
		i	E	11 49 53	
		iSSS	E	11 51 23	
		iL	E	11 54.0	Max. E 11 54.3

S. Warren Carey,
Professor of Geology.

59/3

March, 1959.

University of Tasmania

Geology Department

FORT NELSON SEISMOLOGICAL STATION

Provisional Bulletin

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Foundation: Jurassic dolerite.

Instruments: (interim installation pending permanent base equipment) Sprengnether Series H horizontal pendulum EW, 15.3 sec. Willmore vertical 1 sec. recording through DC amplifier and pen recorder, operating intermittently.

Limitations: This station is only in process of establishment. Inexperienced operators are in training. Chronometer at present only read to half second. Improved installation proposed.

No.	Date 1959	Phase		Time (GMT) h. m. s.	Remarks
15.	March 1	eP	E	16 57 20	H 16 49 32
		ipP	E	16 57 40	△ 42°.6
		iPPP	E	16 59 42	h 0.01
		i	E	17 00 09	Faint record.
		eS	E	17 03 35	
		iScS	E	17 07 07	
		iLQ	E	17 10.3	Max. E 17 19.3
16.	2	eL	E	09 33.4	Max. E 09 36.1
17.	12	e	E	01 45 11	
		e	E	01 49 15	Max. E 01 58.3
18.	19	e	E	09 56.0	
19.	25	eL	E	15 03.0	Max. E 15 03.8
20.	26	eL	E	02 42.7	
21.	28	iS	E	19 58 26	
		isS	E	20 01 42	
		eL	E	20 05.8	
22.	31	e	E	07 41 51	
		eL	E	07 43.5	Max. E 07 47.6

S. Warren Carey,
Professor of Geology.

59/4

April, 1959.

University of Tasmania

Geology Department

FORT NELSON SEISMOLOGICAL STATION

Provisional Bulletin

Address: The Professor of Geology, University of Tasmania, Box 647c, HOBART, TAS.

Vault Location: Fort Nelson, latitude 42°55'35"S, longitude 147°21'10"E, Altitude 209 m.

Foundation: Jurassic Dolerite.

Instruments: (interim installation pending permanent base equipment) Sprengnether Series H horizontal pendulum EW, 15.3 sec.

Limitations: This station is only in process of establishment. Inexperienced operators are in training. Chronometer at present only read to half second. Improved installation proposed.

No.	Date 1959	Phase		Time (GMT) h. m. s.	Remarks
23.	April 1	iLQ	E	14 28.4	
24.	6	eL	E	14 35.8	Max. E 14 39.8. Masked by microseisms.
25.	10	iP	E	05 53 09	H 05 47 46
		ipP	E	05 54 45	Δ 30°.2
		iPcP	E	05 55 52	h 0.09
		iS	E	05 57 30	
		esS	E	06 00 48	
		iScS	E	06 02 30	
26.	20	e	E	03 41 18	
		e	E	03 45 56	
		e	E	03 47 57	
					Max. E 03 50.0
27.	24	i	E	18 07 09	
		i	E	18 12 36	
		e	E	18 14 32	
		eL	E	18 17.2	Max. E 18 19.5
28.	26	iP	E	20 51 52	H 20 40 54
		ipP	E	20 52 31	Δ 71°.3
		i	E	20 53 42	h 0.02
		i	E	20 55 48	
		eiS	E	21 00 54	
		iScS	E	21 01 35	
		i	E	21 02 29	
		i	E	21 02 40	
		iSS	E	21 05 19	
		eSSS	E	21 08 32	
		iSKKS	E	21 10 55	

No.	Date 1959	Phase	Time (GMT)	Remarks
			h. m. s.	
29	April 27	i E	09 57 42	
		iS E	10 02 33	
		e E	10 04 36	
		eLQ E	10 08.2	Max. E 10.10.0
		eLR E	10 11.6	
30	28	e E	11 47 02	
		eL E	12 07.6	Max. E 12 11.8

S. Warren Carey,
Professor of Geology.

59/5 May, 1959.

University of Tasmania

Geology Department

FORT NELSON SEISMOLOGICAL STATION

Provisional Bulletin

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Vault Location: Fort Nelson, latitude 42°55'35"S, longitude 147°21'10"E, altitude 209 m.

Foundation: Jurassic Dolerite.

Instruments: (interim installation pending permanent base equipment) Sprengnether Series H horizontal pendulum EW, 15.3 sec.

Limitations: This station is only in process of establishment. Inexperienced operators are in training. Chronometer at present only read to half second. Improved installation proposed.

No.	Date 1959	Phase		Time (GMT) h. m. s.	Remarks
31.	May 4	iP	E	07 29 23	H 07 16 12
		ipP	E	07 29 46	h 0.01
		iPP	E	07 33 06	△ 94°.7
		iPPP	E	07 35 17	
		iSKS	E	07 39 34	
		iS	E	07 40 25	
		i	E	07 40 58	
		isS	E	07 41 12	
		iSS	E	07 46 39	
		eSSS	E	07 50 19	
		iSKKS	E	07 53 27	
		iL	E	08 00.7	Max. E 08 01.0
32.	7	iSSS	E	00 20 12	
		iL	E	00 24.7	Max. E 00 26.8
33.	12	eL	E	08 25.4	Obscurred by micro-seisms
34.	12	iS	E	10 13 25	
		iSS	E	10 20 57	
		iSKS	E	10 24 18	
35.	14	eLQ	E	09 47.6	
36.	14	eLQ	E	12 03.6	
37.	14	eLQ	E	13 33.7	
38.	18	e	E	06 15.8	
		i(S)	E	06 16 28	
		i	E	06 16 38	
		i	E	06 16 59	
		i	E	06 17 26	
		i	E	06 17 51	

No.	Date 1959	Phase		Time (GMT)			Remarks
				h.	m.	s.	
39.	May 24	iSKKS	E	19	44	56	
		ePS	E	19	47	45	
		eSKKS	E	19	54	21	
		i	E	19	55	02	
40.	29	eP	E	10	49	26	
		i(pP)	E	10	49	53	
		i	E	10	50	03	
		e(S)	E	10	54	18	
		e	E	10	56	49	
		i	E	10	59	20	
41.	31	i	E	09	37	00	
		i	E	09	44	22	
		i	E	09	46	58	
		i	E	09	48	07	

S. Warren Carey,
Professor of Geology.

59/6 June, 1959.

University of Tasmania

Geology Department

FORT NELSON SEISMOLOGICAL STATION.

Provisional Bulletin

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Vault location: Fort Nelson, latitude 42°55'35"S, longitude 147°21'10"E, altitude 209 m.

Foundation: Jurassic dolerite.

Instruments: (interim installation pending permanent base equipment)
Sprengnether Series H horizontal pendulum EW, 15.3 sec.

Limitations: This station is only in process of establishment. Inexperienced operators are in training. Chronometer at present only read to half second. Improved installation proposed.

No.	Date	1959	Phase		Time (GMT)			Remarks
					h.	m.	s.	
42.	June	1	eL	E	17	26.2		
43.		2	eL	E	03	32.2		
44.		10	iP	EZ	(12)	10	41	Local
			i	EZ	(12)	12	39	
			i	Z	(12)	21	29	
45.		13	e	E	23	36.8		Obscured by microseisms.
46.		18	eL	E	16	12.7		
47.		27	iP	E	19	10	14	H 19 04 50
			iPPP	E	19	11	06	△ 25°.9
			eS	E	19	14	34	h 0.01
			iSSS	E	19	16	12	
			iLQ	E	19	17.6		
			iLR	E	19	20.1		
48.		28	iP	E	19	51	00	H 19 43 18
			ipP	E	19	51	14	△ 41°
			iS	E	19	57	10	
			iSSS	E	20	00	04	
			iLQ	E	20	02.7		Max E 20 04.9
			iLR	E	20	06.0		
			i	E	20	07	04	

No.	Date 1959	Phase	Time (GMT)	Remarks
			h. m. s.	
49	June 29	e E	07 31 49	
		eL E	07 35.8	Max. E 07 36.8

R. Green,
Director, Seismological
Stations.

59/7 July, 1959

University of Tasmania

Geology Department

FORT NELSON SEISMOLOGICAL STATION.

Provisional Bulletin

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Vault Location: Fort Nelson, latitude 42°55'35"S, longitude 147°21'10"E, altitude 208 m.

Foundation: Jurassic dolerite.

Instruments: (Interim installation pending permanent base equipment)
Sprengnether Series H horizontal pendulum EW, 15.3 sec.
Recording 1.7.59 - 8.7.59 only.

Limitations: This station is only in process of establishment. Inexperienced operators are in training. Chronometer at present only read to half second. Improved installation proposed.

No.	Date	1959	Phase		Time (GMT) h. m. s.	Remarks
50.	July	3	eP	E	18 02 00	H 17 55 03
			ipP	E	18 02 47	Δ 37°.7
			isP	E	18 03 15	h 0.03
			iPcP	E	18 04 09	
			iS	E	18 07 33	
			iSS	E	18 10 20	
			iSSS	E	18 11 03	
			iLQ	E	18 11 53	
			e	E	18 31 46	

R. Green,
Director, Seismological
Stations.

59/8

August, 1959.

University of Tasmania

Geology Department

FORT NELSON SEISMOLOGICAL STATION

Provisional Bulletin

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Vault Location: Fort Nelson, latitude 42°55'35"S, longitude 147°21'10"E, altitude 209 m.

Foundation: Jurassic Dolerite.

Instruments: Sprengnether horizontal 15.3 sec. EW, recording through D.C. amplifier. Operating intermittently.
(Interim installation pending permanent base equipment)

Limitations: This station is only in process of establishment. Inexperienced operators are in training. Chronometer at present only read to half second. Improved installation proposed.

No.	Date 1959	Phase		Time (GMT) h.	m.	s.	Remarks
51.	August 12	iSSS	E	10	15	05	
		iL	E	10	17	32	
52.	16	iL	E	01	05	59	Obscured by micro-seisms.
53.	17	iP	E	21	11	48	H 21 04 33
		isP	E	21	12	05	Δ 37°.8
		i	E	21	12	19	
		iPPP	E	21	13	31	
		i	E	21	15	02	
		iS	E	21	17	36	
		i	E	21	17	58	
		i(SS)	E	21	19	25	
		iSSS	E	21	20	02	
		iLQ	E		21	12	
		iLR	E		24	30	
		iSKKS	E		42	59	
		iSKKKS	E		50	19	
54.	18	i	E	07	30	52	Record obscured.
		iL	E	07	36	07	
55.	19	e	E	07	13	34	
56.	21	iP	E	08	05	31	H 08 02 47
		iPPP	E	08	05	49	Δ 11°.6
		i	E	08	06	42	
		iS	E	08	07	39	
		iSS	E	08	07	54	
		iSSS	E	08	08	24	
		i(PcP)	E	08	10	24	

59/9

September, 1959.

University of Tasmania

Geology Department

FORT NELSON SEISMOLOGICAL STATION

Provisional Bulletin

Address: The Director, Seismological Stations, University of Tasmania, Box 647c, G.P.O., Hobart, Tasmania.

Vault Location: Fort Nelson, latitude 42°55'35"S, longitude 147°21'10"E, altitude 209 m.

Foundation: Jurassic dolerite.

Instruments: Sprengnether horizontal 15.3 sec. EW 16th-31st Sept., intermittently recording through D.C. amplifier 1st-15th Sept.
(Interim installation pending permanent base equipment)

Limitations: This station is only in process of establishment. Inexperienced operators are in training. Chronometer at present only read to half second. Improved installation proposed.

No.	Date 1959	Phase		Time (GMT) h. m. s.	Remarks
59.	September 3	iS	E	06 43 50	USCGS: 4½S, 123E.
		eScS	E	06 45 21	H 06 27 30
		iLq	E	06 48.3	
		iLr	E	06 51.5	Max. E 06 56.5
60.	25	iP	E	02 47 57	H 02 36 53
		ipP	E	02 48 07	△68°.1
		iPcP	E	02 48 21	USCGS: 22N, 122E
		(i)	E	02 48 27	
		iS	E	02 56 53	
		i	E	02 58 31	
		i(SSS)	E	03 05 05	
		i	E	03 12 17	
		eL	E	03 13.6	
		iLr	E	03 15.8	Max. E 03 16.5
61.	29	e	E	14 39.7	
62.	29	iL_q	E	15 47.6	
		iL_r	E	15 50.2	Max. E 15 52.2
					USCGS: 29S, 176½W
					H 15 31 57
63.	30	iLq	E	20 39.4	USCGS: 18S, 168E
					H 20 25 58

R. Green,
Director,
Seismological
Stations.

59/10

October, 1959.

University of Tasmania

Geology Department

FORT NELSON SEISMOLOGICAL STATION, HOBART

Provisional Bulletin

Address: The Director, Seismological Stations, University of Tasmania, Box 252c, G.P.O., Hobart, Tasmania.

Location: Fort Nelson, latitude 42°55'35"S, longitude 147°21'10"E altitude 209 m.

Foundation: Jurassic dolerite.

Instruments: Sprengnether horizontal 15.3 sec. EW.
(Interim installation pending permanent base equipment)

Limitations: This station is only in process of establishment. Inexperienced operators are in training. Chronometer at present only read to half second. Improved installation proposed.

No.	Date 1959	Phase	Time (GMT) h. m. s.	Remarks
64.	October 3	iL E	23 22.9	
65.	15	iP E	06 24 32	USCGS: ½N, 120½E
		i E	06 35 27	H : 06 15 32
		i E	06 36 24	No record: 0625-0635.
		e E	06 37 00	
		e E	06 38 36	
		iLQ E	06 39.4	Max E 06 41.9
66.	19	iLQ E	08 42.9	
		iLR E	08 46.3	Max E 08 48.1
				USCGS: 27½S, 177W
				H: 08 27 21
67.	19	iP E	16 07 58	Local, man-made?
68.	19	i E	16 29 48	USCGS: 54½S, 29W
		iL E	16 34.6	H: 15 55 30
69.	26	iLQ E	08 07.7	USCGS: 37½N, 142½E
		iLR E	08 12.5	H: 07 35 12
				h: about 60 km.
70.	27	iS E	07 16 25	USCGS: 45½N, 151E
		i E	07 28 53	H: 06 52 50
		iL E	07 31.9	h: about 100 km.
71.	29	iS E	14 30 50	USCGS: 29½S, 176½W
		i E	14 32 50	H: 14 19 51
		eL E	14 34.0	h: about 60 km.
72.	30	iL E	14 17.0	USCGS: 23½, 175½W
		iL E	14 18.6	H: 13 58 25

59/11

November, 1959.

University of Tasmania

Geology Department

FORT NELSON SEISMOLOGICAL STATION, HOBART

Provisional Bulletin

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Instruments: Sprengnether horizontal 15.3 sec. EW. (Interim installation pending permanent base equipment).

Limitations: This station is only in process of establishment. Inexperienced operators are in training. Chronometer at present read to half second. Improved installation proposed.

No.	Date 1959	Phase		Time (GMT) h. m. s.	Per	A_E (Instr.)	Remarks
73.	November 2	i(P)	E	20 10 53	1	-1	USCGS: 5½S, 151½E
		eS	E	20 16 28	11		H: 20 03 32, h: 60 km.
		eSS	E	20 19 18	12		ca
		i	E	20 21 12	22	+	
		eLQ	E	20 22.2	20		
		M	E	20 23.2	24	2	
74.	2	e	E	22 11 24	(20)		USCGS: 23½S, 175½W
		eL	E	22 15.3	13		H: 21 53 05
75.	3	(i)	E	09 49 03	3	+1	USCGS: 10½S, 111E
		i	E	09 50 45	2	+1	H: 09 40 05
		iS	E	09 55 10	14	-1	
		eSS	E	09 58 21	12		
		iL	E	10 03.3	15	+2	
		M	E	10 04.6	18	2	
		i	E	10 15 57	.2	-1	
76.	5	eL	E	17 56.5	30		USCGS: 9S, 157½E
							H: 17 38 08
77.	6	eL	E	01 28.4	(11)		USCGS: 9S, 157½E
							H: 01 07 31
78.	6	eL	E	12 07.2	15		USCGS: 24S, 174½W
							H: 11 43 06
79.	7	(iS)	E	22 31 10		+	USCGS: 23½S, 175½W
		eSSS	E	22 35 10	17		H: 22 16 15
		iL	E	22 37.9	20	-	
		M	E	22 41.0	15	1	

No.	Date 1959	Phase		Time (GMT) h. m. s.	Per	A_E (Instr.)	Remarks
80.	November 15	e	E	17 31 54	9		USCGS: 37½N, 20½E
		eSS	E	17 49 29	(15)		H: 17 08 41
		e(SSS)	E	17 54 48	30		
		eL	E	18 22.4	25		
		M	E	18 37.9	23	1	
81.	17	iL	E	17 48.2	10	+1	USCGS: 5S, 141E H: 17 23 28
82.	19	eP	E	11 15 48	1		H: 11 08 53
		epP	E	11 15 58	1		△: 35°.6 h: 0.00
		i	E	11 16 26	1½	-1	
		i	E	11 16 35	1	-1	USCGS: 5½S, 146E
		iPPP	E	11 17 38	3	+1½	H: 11 08 32
		i	E	11 18 39	3	+1½	
		iS	E	11 21 23	5	+3	
		i	E	11 21 30	.5	-2	
		e	E	11 24 01	14		
		iSSS	E	11 24 12	8	-7	
		iL	E	11 26.4	32	+6	
		M	E	11 28.1	24	7	
83.	22	(e)	E	02 48 36	17		
84.	22	eL	E	13 09.9	14		USCGS: 3S, 140E
		M	E	13 10.7	16		H: 12 47 56
85.	22	eLQ	E	16 49.5	20		USCGS: 54S, 136W H: 16 26 34
86.	23	eL	E	16 30.7	21		USCGS: 20S, 174½E H: 16 14 47
87.	26	e(S)	E	07 23 33	28		USCGS; 5½S, 102½E
		e	E	07 28 19	25		H: 07 06 19
		eSSS	E	07 29 05	25		
		iL	E	07 32.8	30	+	
		M	E	07 36.0	21	2	
88.	26	(eP)	E	23 19 03	1½		USCGS: 5½S, 103E
		ipP	E	23 19 14	1½	-1	H: 23 09 23
		iS	E	23 26 25	8	-1	
		isS	E	23 26 42	8	+2	
		iSSS	E	23 32 20	19	+	
		eLQ	E	23 35 14	(45)		
		eLR	E	23 40.8	18		
		M	E	23 42.5	19	2	
89.	28	eSS	E	02 59 40	14		USCGS: 19½S, 174½E
		eLQ	E	03 01.8	20		H: 02 45 45
		eLR	E	03 05.6	12		
		M	E	03 05.9	12		

R. Green,
Director,
Seismological Stations.

59/12

December, 1960

University of Tasmania

Geology Department

FORT NELSON SEISMOLOGICAL STATION, HOBART

Provisional Bulletin

Address: The Director, Seismological Stations, University of Tasmania, Box 252c, G.P.O., Hobart, Tasmania.

Location: Fort Nelson, latitude 42°55'35"S, longitude 147°21'10"E, altitude 209 m.

Foundation: Jurassic dolerite.

Instruments: Sprengnether horizontal 15.3 sec. EW. (Interim installation pending permanent base equipment.)

Limitations: This station is only in process of establishment. Inexperienced operators are in training. Chronometer at present read to half second. Improved installation proposed.

No.	Date 1959	Phase		Time (GMT) h. m. s.	Per	A_E (Instr.)	Remarks
90.	December 1	iP	E	15 04 30	1	+½	H: 14 59 45
		iPPP	E	04 55	2	-1	△: 21°.2 h: 0.00
		iS	E	08 19	7	+4	
		isS	E	08 36	8	+9	USCGS: 63S, 154E
		iSS	E	09 03	16	-	H: 14 59 40
		iSSS	E	09 18	11	-6	
		iL_R	E	11.0	12	+3	
		M	E	11.4	9	8	
91.	2	eP	E	09 42 38	1		H: 09 33 53
		i	E	42 51	1½	-½	△: 48°.3
		i	E	45 05	3	-1	
		iPP	E	45 15	5	+1	USCGS: 1S, 123E
		iS	E	49 38	6	+2	H: 09 34 00
		eSS	E	52 50	11		
		iSS	E	53 00	11	+2	
		eSSS	E	54 03	13		
		eLQ	E	57.1	30		
		i	E	58 12	5	+3	
		M	E	59.7	21	4	
		iLR	E	10 01.0	21	-2	
		M	E	02.0	15	4	
92.	2	iL	E	20 19.9	13	-	USCGS: 4½S, 140E H: 19 57 55
93.	10	iS	E	03 06 30	10	-	
		i(L)	E	06.9	22	-1	
		iL	E	08.9	10	+1	
		M	E	09.4	9	1	
94.	11	eL	E	01 58.8	19		Masked by microseisms. USCGS: 5S, 130E H: 00 31 40

No.	Date 1959	Phase		Time (GMT) h. m. s.	Per	A_E (Instr.)	Remarks
95.	December 13	eL	E	17 58.1	21		USCGS: 18S, 173½W H : 17 36 07
96.	14	e(pP)	E	18 07 44	1		USCGS: 5N, 126E
		iS	E	14 40	5	-1	H: 17 58 31
		esS	E	15 31	10		h: 150 km. ca.
		iScS	E	17 02	5	-½	
		e .	E	17 57	9		
		i	E	19 00	10	-	
		e	E	19 32	9		
97.	14	eP	E	23 33 57	1½		H: 23 22 00
		iP	E	33 59	2	+1	Δ: 77°.2
		i	E	34 05	2	+½	
		iPcP	E	34 10	2	+½	USCGS: 59½S, 31W
		i	E	34 19	2	+1	H: 23 21 56
		i	E	34 35	1	+½	
		i	E	41 25	6	+½	
		iS	E	43 46	5	-1	
		iScS	E	44 14	6	+1	
		eSS	E	48 51	16		
		e(SSS)	E	52 18	28		
		e	E	53 13	28		
		eLQ	E	59.9	29		
		M	E	00 07.4	19	4	
98.	20	eL	E	08 20.7	17		USCGS: S. of Kermadec Is. H: 08 05 34
99.	21	e	E	10 33 07	18		USCGS: 27½S, 176W
		eL	E	36.4	34		H: 10 20 33
		M	E	39.8	18	2	
100.	21	iS	E	11 26 11	11	+	USCGS: 27½S, 176W
		iSS	E	28 12	11	+	H: 11 14 17
		iLQ	E	30.3	25	-	
		eLR	E	33.7	27		
		M	E	36.2	14	2	
101.	23	eL	E	01 14.2	10		
102.	24	eL	E	09 30.6	24		USCGS: 27½S, 176½W H: 09 14 24
103.	25	eS	E	04 00 52	7		USCGS: 27½S, 176W
		e	E	03 56	9		H: 03 48 58
		eL	E	05.0	18		
104.	27	iS	E	16 18 16	9	+1	Masked by microseisms
		isS	E	18 35	(5)	+1	USCGS: 56N, 162½E
		eSSS	E	28 53	25		H: 15 52 55
		eLQ	E	40.3	23		
		eLR	E	48.1	17		
		M	E	52.0	20		
		eW_2	E	18 15.8	20		
105.	28	iS	E	07 45 25	8	+	USCGS: 52½N, 160E
		e	E	52 21	21		H: 07 30 32
		eL	E	03.2	37		
106.	29	eL	E	17 35.4			USCGS: 21½S, 174W H: 17 14 40
107.	31	eL	E	10 51.0	14		Masked by microseisms
		M	E	52.3	14		USCGS: 3S, 139½E H: 10 29 23