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POSTAL SERVICE

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Correspondents are asked to note that surface mails from Europe and the Americas are infrequent, and that articles not sent by airmail may take four or five months to reach us.

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CONTENTS

Page

Introduction 1

Staff in 1995 2

New Zealand Seismicity in 1995 4

Instrumentation in 1995 5

Instrumental Changes in 1995 5

Index of Station Codes and Positions 6

Instrumentation and Lithology - National Network 9

- IRIS and local networks 13

Temporary networks 17

Response Curve 19

National Network map 20

Auckland and Taranaki Networks map 21

Volcanic and Hawkes Bay Networks map 22

Wellington Network map 23

Clyde Network map 24

Pacific Island Stations map 25

Timing Arrangements 26

Origin Information 27

Content 27

Determination of Origins 27

Magnitudes 28

Page

Calculation of Amplitudes 29

Map of Stations used for Magnitude Determinations 31

Data from the National Network 32

Summary of Origin and Magnitude Determinations 33

Lists of Origins 219

$M_L \geq 5$ 220

Wellington 223

Tuamotu Archipeligo Nuclear Explosions 257

Non-Instrumental Data 258

The Felt Reporting System 258

Map Showing Standard Reporting Localities 259

Index of Standard Reporting Localities 260

Earthquakes Felt in Standard Localities 261

Shocks Reported from Outside New Zealand 265

Publications by Observatory Staff 266

Observatory Services 274

Publications 274

Earthquake Catalogue 274

Earthquake Map Section 275

Index 275

INTRODUCTION

The form of this Report follows lines established in recent years. The main list of regional shocks contains only earthquakes of magnitude 3.5 or greater located within 10° of Wellington, and smaller earthquakes known to have been felt in New Zealand. Many other earthquakes have however been assigned serial numbers, so the serials of the shocks listed are often not consecutive.

Phase data are not published here, but are instead sent to the International Seismological Centre, and appear in their bulletins, which constitute the only medium now in use for routine reporting of arrival time observations made in New Zealand. The lists of origin coordinates and magnitudes include sufficient supplementary information for assessment of the quality of the data on which they are based.

There is also a list of origins of earthquakes in the Wellington area with magnitudes of 2.0 or more. This list gives less information on the quality of individual determinations, but the density of recording stations in the area, and their easy accessibility for maintenance ensure that errors are small.

Seismologists urgently requiring unpublished New Zealand data may apply to the Observatory. Historic data are also available but unless a two-way information exchange is involved it is the Observatory's practice to make a charge for recovery of this material. Definitive origins for local earthquakes are usually available within a few months of their occurrence.

The Reports for 1993 and 1994 are still in preparation and will be published when the aftershock sequences for the 1993 Secretary Island earthquake (1993 Aug 10) and the Arthur's Pass earthquake (1994 June 18) have been analysed.

D E Maunder
Editor

STAFF IN 1995

Wellington

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Word Processor:
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C Eales

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C Hume

STAFF IN 1995

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Scientists:	C J Bryan, PhD (Hawaii) (from May)
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Technician:	D E Keen

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Rarotonga

Observer in Charge:	R Taia

Raoul Island

Observer:	H Binnie

Scott Base

Observers:	S Thomas
	S Flanagan

NEW ZEALAND SEISMICITY IN 1995

Again we have had a busy year for earthquakes, continuing the pattern of increased activity since 1990. There were 132 events of M_L 5.0 and greater, 25 of which were deeper than 40km. 98 of the shallow events were aftershocks of the M_L 7.0 Waitangi Day earthquake (Event 95/1463). Most of these occurred within a month of the mainshock.

The February 5 Waitangi Day earthquake (Event 95/1463), M_L 7.0, was a shallow event about 12km deep and located 80km offshore from East Cape, so damage (maximum intensity MM6) was relatively minor for an event of this size. It was felt from Auckland to Christchurch and also in the Chatham Islands. The mainshock was followed by many aftershocks (more than 600 greater than M_L 3.5 during the first 24 hours), the largest of which, M_L 6.5, on February 10 (Event 95/3282). This was a fairly large earthquake in its own right, and was felt over the same area as the mainshock.

The earthquake of March 22 (Event 95/6806) was located at the northern end of the Marlborough Sounds at a depth of 76km, and had a magnitude of 6.5. It was felt from Auckland to Dunedin. It is unusual for an event of this size to be felt so widely, but that can be largely attributed to the fact that it occurred during the National Radio's Morning Report (broadcast from Wellington) so listeners were alerted to the shaking. The earthquake was felt in Dunedin and Auckland about two minutes after it was felt in Wellington which gave people a rare opportunity to experience the propagation time of seismic waves. Damage was minor with goods knocked off shelves in some Nelson shops.

For the second year in succession Arthur's Pass was shaken by earthquakes. On May 29 (Event 95/9688) a magnitude 6.0 earthquake, located just outside the aftershock zone of the 1994 June 10 magnitude 6.7 earthquake, shook the township and triggered a landslide that closed the Otira Gorge road just north of Arthur's Pass. This earthquake was followed on November 24 (Event 95/15161) by an event of magnitude 6.3, located some 20km further to the east, just north of Cass. It caused some ground movement in the remote Poulter River area, and at Arthur's Pass, Cass and Mt White Station. The largest aftershock of this sequence (M_L 5.2) occurred 26 hours later on November 25 (Event 95/15768) which loosened rocks at active scree sites between Cass and Arthur's Pass.

A shallow magnitude 4.7 earthquake (Event 95/7763) located about 35km south of Wanganui was felt from New Plymouth to Wellington on April 10 and was followed an hour later by an M_L 4.3 earthquake which was also felt.

Two earthquakes, April 16 M_L 4.9 (Event 95/8030) and April 26 M_L 4.4 (Event 95/8499) were felt from Hawkes Bay to Palmerston North and northern Wairarapa. On June 3 (Event 95/9931) a deep magnitude 6.9 event occurred 450km to the north of New Zealand. This was felt in Hawkes Bay and Wellington. On August 22 an earthquake M_L 5.5 centred close to Picton was widely felt on both sides of Cook Strait. On September 19, a deep earthquake M_L 6.6 (Event 95/12619), located 20km south of Hawera, was felt from Ohakune to Dunedin. An earthquake of magnitude 5.0, located in the same place (Event 95/14211) occurred on October 28. A shallow event M_L 5.3 on September 26, located south of Jacksons Bay was felt throughout the lower South Island.

Several events were felt throughout the lower North Island, including earthquakes on April 4 (Event 95/7461) M_L 4.8, August 11 (Event 95/11599) M_L 4.9, September 11 (Event 95/12359) M_L 3.8 and November 17 (Event 95/14923) M_L 4.4. They all occurred within the Wairarapa province, except the event on April 4 which was located just north of Kapiti Island.

The eruption of Mt Ruapehu in September created nationwide interest. Three types of seismic activity typically accompany volcanic eruptions. These are volcanic tremor, low frequency earthquakes and the 'normal' earthquakes associated with the movement of magma at depth. In the case of this eruption, both tremor and low frequency earthquakes were common, but there were few 'normal' earthquakes. This is consistent with little movement of magma and a relatively small eruption. Coincidental with the eruption were four small felt earthquakes within four days, located from Wanganui to south Westland. Their distance from Mt Ruapehu rules out any direct relationship to the eruption. A more likely candidate for related activity is a swarm of earthquakes that occurred near National Park in January and March/April, of which six were felt in Ohakune.

The Institute of Geological and Nuclear Sciences operates a seismograph at Rarotonga (RAR) which clearly records French nuclear tests detonated at Mururoa. Between September and December, five tests, ranging in yield from 8 to 100 kilotons, were detected (see page 257).

Reference:

Webb, T.H. 1996. Principal Earthquakes in New Zealand in 1995. *Bulletin of the New Zealand National Engineering Society of New Zealand. 29(1):*59.

INSTRUMENTATION IN 1995

By the end of 1995, the New Zealand network consisted of 30 digital stations (20 three-component and 10 single component), 4 analogue stations (excluding the stations from regional networks that are recorded visually as well as digitally), 7 regional networks and 1 IRIS system. We also receive analogue records from 3 stations outside New Zealand (RAO, RAR and SBA). As well, two temporary networks operated during the year. A network in the Bay of Plenty volcanic region was operated between January and May by the Wairakei branch of IGNS and a network in the South Island was operated by IGNS and Otago University. Some stations of the South Island network were used in the analysis of the Cass earthquake (1995 Nov 24) and their positions appear later in this Report.

The change from visual records, needing to be changed daily, to digital tapes which run for a week has meant that it has been possible to install instruments at seismically quieter sites. Those analogue stations left are used to add data to a few poorly determined epicentres and as displays in museums or other public areas. Continuous recording by the IRIS system for the registration of teleseisms and the use of pen-recorders at some sites for immediate inspection of large events continued.

Two types of event-recording system are used by the Observatory. The older system, SNARE (Seismic Network Automatic Recording Equipment) is a 16-channel system which relies on a combination of spectral analysis of seismometer outputs and coincidence detection to trigger recording by the whole network. EARSS (Equipment for the Automatic Recording of Seismograph Signals) was developed from SNARE as a single station system which can operate unattended for at least a week. Because it is a single station system it relies solely on a frequency-spectrum algorithm for event detection. An improvement on SNARE is the introduction of automatic magnification adjustment ("gain-ranging") to allow faithful recording of large-amplitude wave-forms. A 16-channel version of EARSS has superseded SNARE. HBN, CYN and the backup for WLN networks are still recorded on SNARE. Not included in the current re-equipment programme are instruments owned by organisations other than IGNS. In 1995, organisations cooperating in continuous or ad hoc seismic monitoring were: the Universities of Auckland and Wellington, Taranaki Civil Defence and the Electricity Corporation of New Zealand.

INSTRUMENTAL CHANGES IN 1995

The Auckland Volcanic network, consisting of Moumoukai (MKAZ), Motutapu (MTAZ) and Waiatarua (WTAZ) was installed during February and March. This network is operated by the Auckland Regional Council in cooperation with Auckland University and IGNS Wairakei.

A single component seismometer was installed at Papamoa (PARZ) late in March. This station is part of the Bay of Plenty Volcanic network and its signal is telemetered with those of the rest of the network to 16 channel EARSS at Rotorua and also to Wairakei.

Although the Clyde network continued to operate until March 1996, no maintenance has been carried out since June and the network was not been fully operational during the last part of the year.

During April, a 16-channel EARSS was installed as the main recording system for the Wellington network, with the original SNARE system acting as backup.

Between June 1994 and February 1995 Waitaha Valley (WVZ) was operating as a single component vertical instrument. Puketiti (PUZ) also lost the horizontal components in September.

INDEX OF STATION CODES AND POSITIONS

The growth in numbers of seismograph stations in recent years has been so great that it is not always possible to find short mnemonic codes that are unique in the world. Nearly all the codes used below are recognised and used by the United States NEIS and by ISC, but some of those for stations in the telemetered networks may not be.

CODE	NAME	LATITUDE d	m	s		LONGITUDE d	m	s		ALT m
	SEISMIC RESEARCH OBSERVATORY									
SNZO	South Karori	41	18	37	S	174	42	17	E	-10
	STANDARD NETWORK									
AUC	Auckland	36	51	36	S	174	46	41	E	79
BSZ	Bushy Park	39	47	55	S	174	55	52	E	150
BWZ	Berwen	44	31	54	S	169	52	59	E	500
CHR	Christchurch	43	31	58	S	172	37	36	E	8
DCZ	Deep Cove	45	28	42	S	167	09	15	E	20
DSZ	Denniston North	41	44	49	S	171	48	09	E	630
EWZ	Erewhon	43	30	42	S	170	51	09	E	650
HBZ	Hicks Bay	37	35	57	S	178	18	05	E	0
KHZ	Kahutara	42	25	05	S	173	32	25	E	70
KUZ	Kuaotunu	36	44	50	S	175	43	12	E	40
LMZ	Lake Moeraki	43	42	59.5	S	169	16	10	E	-50
LTZ	Lake Taylor	42	46	58	S	172	16	08	E	640
MOZ	Mahoenui	38	30	21	S	174	48	11	E	160
MQZ	McQueen's Valley	43	42	28	S	172	39	08	E	60
MRZ	Mangatainoka River	40	39	45	S	175	34	45	E	320
MSZ	Milford Sound	44	40	31.5	S	167	55	39	E	90
NOZ	North Gisborne	38	37	05	S	178	02	12	E	60
NRZ	Ngariki	39	20	15	S	173	55	59	E	250
ODZ	Otahua Downs	45	02	43	S	170	38	40	E	270
OIZ	Oio	39	02	48	S	175	23	33	E	470
OUZ	Omahuta	35	13	17	S	173	35	46	E	40
PGZ	Pongaroa	40	37	08	S	176	16	25	E	0
PUZ	Puketiti	38	04	24	S	178	15	26	E	420
QRZ	Quartz Range	40	49	39	S	172	31	44	E	260
RAO	Raoul Island	29	15	06	S	177	55	06	W	110
RAR	Rarotonga	21	12	45	S	159	46	24	W	28
RTY	Rotoiti	41	48	27	S	172	50	35	E	635
SBA	Scott Base	77	51	01	S	166	45	22	E	38
SIZ	Stewart Island	46	52	30	S	168	07	59	E	60
THZ	Top House	41	45	50	S	172	54	13	E	760

TMP	Tomahawk Gully	44	18	54	S	170	07	12	E	720
TUZ	Tuapeka	45	57	22	S	169	37	56	E	110
URZ	Urewera	38	15	37	S	177	06	37	E	100
WCZ	Waipu Caves	35	56	28	S	174	20	40	E	140
WEL	Wellington	41	17	10	S	174	46	06	E	122
WHZ	Wether Hill	45	53	41	S	167	56	51	E	320
WLZ	Whitehall	37	52	12	S	175	35	46	E	190
WVZ	Waitaha Valley	43	04	35	S	170	44	10	E	75

AUCKLAND VOLCANO-SEISMIC NETWORK

MKAZ	Moumoukai	37	06	41.1	S	175	09	59.6	E	120
MTAZ	Motutapu	36	47	17.3	S	174	54	36.2	E	60
WTAZ	Waiatarua	36	56	03.1	S	174	34	26.0	E	340

BAY OF PLENTY VOLCANO-SEISMIC NETWORK

EDRZ	Edgecumbe	38	06	27.5	S	176	44	17	E	780
HARZ	Haroharo	38	05	28	S	176	30	07	E	740
HATZ	Hinemaiaia	38	53	32	S	176	05	31	E	492
LIRZ	Lichensteins Road	38	00	18	S	176	23	03	E	340
MARZ	Manawahe	37	59	12	S	176	40	28	E	480
PARZ	Papamoa	37	44	01	S	176	17	24	E	180
PATZ	Paeroa	38	22	53	S	176	15	30	E	940
TAZ	Tarawera	38	13	59	S	176	30	28	E	1037
UTU	Utuhina	38	10	39	S	176	11	32	E	410
WIZ	White Island	37	31	42	S	177	11	21	E	40

CLYDE NETWORK (Electricorp)

CFC	Cairnmuir Flats	45	11	03	S	169	17	32	E	576
CMCZ	Cairnmuir Mts	45	08	57	S	169	16	30	E	1039
LRCZ	Leaning Rock	45	03	55	S	169	20	46	E	1533
LSCZ	Lilico Spur	45	06	59	S	169	22	09	E	759
MHZ	Mt Horn	45	03	44	S	169	16	46	E	1127
MMCZ	Mount Michael	45	00	13	S	169	07	53	E	1163
MSCZ	Moutere Station	45	05	35	S	169	24	42	E	701
SBCZ	Sonora Basin	45	05	32	S	169	18	40	E	801
TBC	Trig B	45	08	47	S	169	19	49	E	619
TLC	Trig L	45	11	29	S	169	04	17	E	1393

HAWKES BAY NETWORK

HNH	Havelock North	39	39	55	S	176	52	52	E	10
MAHZ	Mahia	39	11	18	S	177	52	51	E	336
MOH	Mohaka	39	07	57	S	177	08	52	E	245
PAHZ	Panekirikiri	38	51	33	S	177	03	15	E	563
TAHZ	Taraponui	39	08	09	S	176	44	25	E	1297
TEHZ	Te Atua	39	59	22	S	176	48	40	E	407
TTH	Taradale Trig	39	32	29	S	176	49	34	E	120
WAHZ	Wakarara	39	41	57	S	176	21	19	E	657
WHH	Whakatau	38	53	04	S	176	29	42	E	921

TARANAKI VOLCANO-SEISMIC NETWORK

DFE	Dawson Falls	39	19	39	S	174	06	13	E	880
NEZ	North Egmont	39	16	19	S	174	05	44	E	920
NRZ	Ngariki	39	20	15	S	173	55	59	E	250
PKE	Puketiti	39	11	44	S	173	59	14	E	485
TKEZ	Kiri Road	39	23	22	S	174	00	27	E	330

TONGARIRO VOLCANO-SEISMIC NETWORK

CNZ	Chateau	39	12	00	S	175	32	51	E	1116
DRZ	Dome Shelter	39	16	35	S	175	33	49	E	2600
KAVZ	Karewarewa	39	05	55	S	175	38	45	E	1200
MGZ	Maungaku	39	00	07	S	175	32	20	E	806
NGZ	Ngaruhoe	39	10	37	S	175	36	04	E	806
TUVZ	Tukino	39	16	09	S	175	39	13	E	1410

WELLINGTON NETWORK

AMW	Mt Adams	41	18	34	S	175	45	39	E	400
BBW	Blackbirch	41	42	45	S	173	52	42	E	250
BHW	Baring Head	41	24	33	S	174	52	17	E	10
BLW	Big Hill	41	22	07	S	175	28	29	E	340
CAW	Cannon Point	41	06	32	S	175	04	04	E	330
CCW	Cape Campbell	41	45	03	S	174	13	01	E	216
DIW	D'Urville Island	40	48	08	S	173	55	19	E	460
GFW	Glenfield	41	27	24	S	173	49	51	E	230
KIW	Kapiti Island	40	51	50	S	174	54	42	E	320
MOW	Moikau	41	25	18	S	175	15	07	E	430
MRW	Makara Radio	41	13	57	S	174	42	18	E	235
MTW	Mount Morrison	41	09	34	S	175	30	07	E	282
OTW	Orongorongo Valley	41	16	39	S	175	00	15	E	230
TCW	Tory Channel	41	12	48	S	174	16	33	E	150
WEL	Wellington	41	17	10	S	174	46	06	E	122

INSTRUMENTATION AND LITHOLOGY

STANDARD NETWORK AND CONTRIBUTING STATIONS

Stations are listed in alphabetical order of their abbreviations. Pendulum period, To, is given in seconds. Damping when not listed, may be assumed to be critical. Magnifications listed are for the period of maximum response, except for World-Wide Standard Station instruments, where the magnifications are given at the conventional periods of 1.0 and 15 seconds. Response curve for Mark Products L4-C seismographs and an EARSS system is shown at the end of this section.

	Instrument	Compt.	To	Damping	Magnification
AUC	AUCKLAND				
	Foundation: Volcanic beds on Tertiary sandstone and mudstone.				
	Willmore II (with Kinemetrics VR-1 pen-recorder).				
		Z	1.0		3 800 at 0.25s
BSZ	BUSHY PARK				
	Foundation: Quaternary marine sediments.				
	Mark Products L4-C (with EARSS digital gain-ranging recorder).				
		Z	1.0		
BWZ	BERWEN				
	Foundation: Greywacke.				
	Mark Products L4-C (with EARSS digital gain-ranging recorder)				
		Z	1.0		
CHR	CHRISTCHURCH				
	Willmore II (with Kinemetrics VR-1 pen-recorder).				
		Z	1.0		
DCZ	DEEP COVE				
	Foundation: Granite.				
	Mark Products L4-3D (with EARSS digital gain-ranging recorder)				
		ZNE	1.0		
DSZ	DENNISTON NORTH				
	Foundation: Upper Precambrian greywacke				
	Mark Products L4-C (with EARSS digital gain-ranging recorder)				
		Z	1.0		
EWZ	EREWHON				
	Foundation: Triassic greywacke.				
	Mark Products L4-C (with EARSS digital gain-ranging recorder)				
		Z	1.0		
HBZ	HICKS BAY				
	Foundation: Consolidated conglomerate.				
	Mark Products L4-C in borehole (with EARSS digital recorder).				
		Z	1.0		67 500 at 0.10s
KHZ	KAHUTARA				
	Foundation: Jurassic greywacke				
	Mark Products L4-3D (with EARSS digital gain-ranging recorder)				
		ZNE	1.0		

	Instrument	Compt.	To	Damping	Magnification

KUZ KUAOTUNU
Foundation: Greywacke.
Mark Products L4-3D (with EARSS digital gain-ranging recorder).
ZNE 1.0

LMZ LAKE MOERAKI
Foundation: Precambrian Greywacke.
Mark Products L4-C (with EARSS digital gain-ranging recorder).
Z 1.0

LTZ LAKE TAYLOR
Foundation: Triassic Greywacke.
Mark Products L4-3D (with EARSS digital gain-ranging recorder).
ZNE 1.0

MOZ MAHOENUI
Foundation: Jurassic Greywacke.
Mark Products L4-3D (with EARSS digital gain-ranging recorder).
ZNE 1.0

MQZ McQUEEN'S VALLEY
Foundation: Miocene Volcanics.
Mark Products L4-3D (with EARSS digital gain-ranging recorder).
ZNE 1.0

MRZ MANGATAINOKA
Foundation: Greywacke.
Mark Products L4-C, replaced in June by
Mark Products L4-3D (with EARSS digital gain-ranging recorder).
ZNE 1.0

MSZ MILFORD SOUND
Foundation: Gneiss.
Mark Products L4-3D (with EARSS digital gain-ranging recorder)
ZNE 1.0

NOZ NORTH GISBORNE
Foundation: Upper Miocene Siltstone.
Mark Products L4-C (with EARSS digital gain-ranging recorder).
Z 1.0

NRZ NGARIKI
Foundation: Andesite.
Mark Products L4-C (with EARSS digital gain-ranging recorder).
Z 1.0

ODZ OTAHUA DOWNS
Foundation: Greywacke.
Mark Products L4-3D (with EARSS digital gain-ranging recorder)
ZNE 1.0

OIZ OIO
Foundation: Tertiary sandstone.
Mark Products L4-3D (with EARSS digital gain-ranging recorder)
ZNE 1.0

	Instrument	Compt.	To	Damping	Magnification
OUZ	OMAHUTA				
	Foundation: Greywacke.				
	Mark Products L4-C (with EARSS digital gain-ranging recorder)				
		Z	1.0		
PGZ	PONGAROA				
	Foundation: Tertiary Sediments				
	Mark Products L4-C in borehole (with EARSS digital gain-ranging recorder).				
		Z	1.0		
PUZ	PUKETITI				
	Foundation: Cretaceous Greywacke.				
	Mark Products L4-3D (with EARSS digital gain-ranging recorder).				
		ZNE	1.0		
QRZ	QUARTZ RANGE				
	Foundation: Golden Bay Schist.				
	Mark Products L4-3D (with EARSS digital gain-ranging recorder).				
		ZNE	1.0		
RAO	RAOUL ISLAND				
	Foundation: Volcanic rock.				
	Willmore II (with Kinemetrics VR-1 pen-recorder).				
		Z	1.0		4 800 at 0.25s
RAR	RAROTONGA (World-Wide Standard Station)				
	Foundation: Basalt.				
	Benioff	ZNE	1.0		6 250 at 1.0s
	Signal also recorded by EARSS digital event recorder tuned to trigger on T-waves.				
	Press-Ewing	Z	15		375 at 15s
	GeoTech KS36000i broad band seismometer recorded on IRIS-2 digital recording system.				
RTY	ROTOITI				
	Foundation: Glacial gravels.				
	Mark Products L4-C (with Kinemetrics VR-1 pen-recorder).				
		Z	1.0		Uncertain
SBA	SCOTT BASE (World-Wide Standard Station)				
	Foundation: Frozen basaltic debris resting on lava flows.				
	Benioff	ZNE	1.0		12 500-50 000 at 1.0s according to season
	Press-Ewing	ZNE	15		750 at 15s
SIZ	STEWART ISLAND				
	Foundation: Granite				
	Mark Products L4-C (with EARSS digital gain-ranging recorder).				
		Z	1.0		
THZ	TOPHOUSE				
	Foundation: Permian Greywacke.				
	Willmore II (with EARSS digital gain-ranging recorder).				
		ZNE	1.0		

	Instrument	Compt.	To	Damping	Magnification
TMP	TOMAHAWK GULLY				
	Foundation: Mesozoic Greywacke				
	Mark Products L4-C (telemetered to separate Kinemetrics VR-1 pen-recorders).				
		Z	1.0		750 000 at 0.20s
		N	1.0		100 000 at 0.20s
TUZ	TUAPEKA				
	Foundation: Haast Schist.				
	Mark Products L4-3D (with EARSS digital gain-ranging recorder)				
		ZNE	1.0		
URZ	UREWERA				
	Foundation: Greywacke.				
	Mark Products L4-3D (with EARSS digital gain-ranging recorder).				
		ZNE	1.0		
WCZ	WAIPU CAVES				
	Foundation: Limestone.				
	Mark Products L4-C (with EARSS digital gain-ranging recorder).				
		Z	1.0		
WEL	WELLINGTON (World-Wide Standard Station)				
	Foundation: Greywacke.				
	Benioff	Z	1.0		6 250 at 1.0s
	Press-Ewing	ZNE	15		375 at 15s
	Imamura	Z	1	5:1	2
		NE	4	5:1	2
	Kinemetrics force-balance accelerometer (with EARSS digital gain-ranging recorder).				
		ZNE	1.0		
WHZ	WETHER HILL				
	Foundation: Greywacke.				
	Mark Products L4-3D (with EARSS digital gain-ranging recorder)				
		ZNE	1.0		
WLZ	WHITEHALL				
	Foundation: Jurassic Greywacke.				
	Mark Products L4-3D (with EARSS digital gain-ranging recorder)				
		ZNE	1.0		
WVZ	WAITAHA VALLEY				
	Foundation: Granite.				
	Mark Products L4-3D (with EARSS digital gain-ranging recorder).				
		ZNE	1.0		

BROADBAND IRIS STATION

This station is sponsored by the United States Geological Survey. A three-component GeoTech KS36000i BD broadband seismometer sealed in a gas-filled capsule is located in a borehole 165 mm in diameter and about 100 m deep, at a quiet site several kilometres from the Observatory. The ground surface there is 88 m above, and the seismometer 10 m below, sea level. The lithological foundation is Jurassic-Permian Greywacke. Both digital and analogue recordings are made from the three long-period and the vertical component short-period outputs. The digital signal is recorded by an IRIS-2 system. Paper analogue records are archived by the Observatory, but the digital tape records of detected events are held by the USGS. The recorder is at the observatory site in Kelburn, and the signals are transmitted to it by landline.

Magnifications given below are for the analogue recorder.

Code	Station	Component	Magnification
SNZO	South Karori	ZNE Z	1 500 at 15s 6 250 at 1.0s

AUCKLAND VOLCANO-SEISMIC NETWORK

This network has been installed in Auckland to monitor seismic activity associated with volcanic and tectonic processes in the Auckland volcanic region and is operated by Auckland Regional Council in conjunction with IGNS Wairakei and the University of Auckland. The instruments are single component L4-C seismometers telemetered to an EARSS digital recorder, and are also recorded on VRI visual recorders.

Code	Station	Component	Foundation
MKAZ	Moumoukai	Z	Greywacke
MTAZ	Motuapu	Z	Jurassic mudstone
WTAZ	Waiatarua	Z	Miocene volcanoclastics

BAY OF PLENTY VOLCANO-SEISMIC NETWORK

This network is operated by the Volcanology Programme in conjunction with the Seismological Observatory and monitors seismic activity associated with volcano, geothermal and tectonic processes in the northern portion of the Taupo Volcanic Zone. Papamoa (PARZ) was installed at the end of March.

Data from these stations are telemetered to a 16-channel EARSS at Rotorua and also Wairakei. Selected stations are also recorded on VR-1 pen-and-ink visual recorders. The seismometers are Mark Products L4-C (1 hz) short-period vertical seismometers.

Code	Station	Component	Lithology
EDRZ	Edgecumbe	Z	Andesite
HARZ	Haroharo	Z	Rhyolite
HATZ	Hinemaiaia	Z	Ignimbrite
LIRZ	Lichensteins Rd	Z	Rotoiti breccia
MARZ	Manawahe	Z	Andesite
PARZ	Papamoa	Z	Andesite
PATZ	Paeroa	Z	Ignimbrite
TAZ	Tarawera	Z	Ryolite lava
UTU	Utuhina	Z	Ignimbrite
WIZ	White Island	Z	Recent Andesite

CLYDE NETWORK

A network of seismometers has been installed near Clyde to collect data on the prevailing level of microseismicity in the area of the dam now being constructed on the Clutha River. The network operated by the Electricity Corporation of New Zealand, is used to monitor any changes in local seismicity associated with the use of the lake for the generation of electricity. The system records all detected seismic events in digital form, on magnetic tape. Tapes are interpreted and retained at the Observatory where they are available for other seismological use. Clyde network stations are linked by radio telemetry to a multi-channel SNARE (Seismic Network Automatic Recording Equipment), which both detects and records seismic events, at Clyde. The seismometers are Mark Products L4-C or L4-3D instruments with a natural period of one second and the lithological foundation at all stations is Schist. Recorded waveforms can be displayed on a monitor screen at any required scale.

Code	Station	Component
CFC	Cairnmuir Flats	Z
CMCZ	Cairnmuir Mountains	ZNE
LRCZ	Leaning Rock	Z
LSCZ	Lilico Spur	Z
MMCZ	Mount Michael	Z
MHZ	Mount Horn	Z
MSCZ	Moutere Station	Z
SBCZ	Sonora Basin	Z
TBC	Trig B (formerly Clyde)	Z
TLC	Trig L	Z

HAWKES BAY NETWORK

The Hawke's Bay network has been installed to monitor seismicity in an area which has not only some potential for hydro-electric power generation, but also a history of severe earthquakes. Havelock North produces high- and low-gain records from a three-component seismometer. The network records on a SNARE System in Havelock North. One of the stations, usually Wakarara (WAHZ) is also recorded on a VR-1 pen-on-ink visual recorder.

Code	Station	Component(s)	Foundation
HNH	Havelock North	ZNE (High gain) ZNE (Low gain)	Greywacke gravel " "
MAHZ	Mahia	Z	Mudstone
MOH	Mohaka	Z	Dune Sand
PAHZ	Panekirikiri	Z	Pumice Tuff
TAHZ	Taraponui	Z	Limestone
TEHZ	Te Atua	Z	Limestone
TTH	Taradale Trig	Z	Calcareous mudstone
WAHZ	Wakarara	Z	Greywacke
WHH	Whakatau	Z	Ignimbrite

TARANAKI VOLCANO-SEISMIC NETWORK

This network is operated by the Taranaki Civil Defence and IGNS Wairakei to monitor volcanic activity around Taranaki volcano. The stations are single component L4-C seismometers telemetered to a 16-channel EARSS recorder at New Plymouth. NRZ (Ngariki) is also part of the New Zealand Seismic Network.

Code	Station	Component(s)	Foundation
DFE	Dawson Falls	Z	Volcanic ash
NEZ	North Egmont	Z	Volcanic ash
NRZ	Ngariki	Z	Andesite
PKE	Pukeiti	Z	Andesite
TKEZ	Kiri Rd	Z	Opunake lahars

TONGARIRO VOLCANO-SEISMIC NETWORK

This network is operated jointly by the Volcanology programme and the Seismological Observatory to monitor seismic activity associated with volcanic and tectonic processes about Tongariro Volcanic Centre. The instruments at all sites are Mark Products L4-C short-period vertical seismometers and their signals are telemetered and recorded on a 16-channel EARSS at the Chateau Observatory. The signals from selected stations are also recorded on VR-1 pen-and-ink recorders.

Code	Station	Component(s)	Foundation
CNZ	Chateau	Z	Andesitic ash
DRZ	Dome Shelter	Z	Andesite ash
KAVZ	Karewarewa	Z	Lava
MGZ	Maungaku	Z	Andesite
NGZ	Ngaruhoe	Z	Andesite lava
TUVZ	Tukino	Z	Tephra

WELLINGTON NETWORK

The stations of the Wellington network are linked by radio or land-line to event-detecting and recording systems at the Observatory at Kelburn. The primary recording of the Wellington network was moved to a 16-channel EARSS in April, but the SNARE magnetic tape system was retained as a backup. The EARSS recording system sends detected events directly to the Observatory computers. The instrument at WEL is a Kinemetrics force balance accelerometer and the seismometer at MRW is a Mark Products L4-3D. The seismometers for the rest of the network are Mark Products L4-C instruments with a period of 1.0 second. The MRW vertical component is also transmitted to a heated stylus recorder. The lithological foundation at most stations is Jurassic-Permian Greywacke. The exceptions are BBW (schist), CCW (Miocene sandstone) and DIW (Granodiorite).

Code	Station	Component(s)
AMW	Mt Adams	Z
BBW	Blackbirch	Z
BHW	Baring Head	Z
BLW	Big Hill	Z
CAW	Cannon Point	Z
CCW	Cape Campbell	Z
DIW	D'Urville Island	Z
GFW	Glenfield	Z
KIW	Kapiti Island	Z
MOW	Moikau	Z
MRW	Makara Radio	ZNE
MTW	Mount Morrison	Z
OTW	Orongorongo Valley	Z
TCW	Tory Channel	Z
WEL	Wellington	ZNE

NORTHERN VOLCANIC NETWORK

This network of digital portable seismographs was installed during the period 1995 January until 1995 May. It formed part of a major seismograph deployment in the central North Island, carried out in conjunction with Memphis State University, Victoria University of Wellington and the University of Leeds. Stations denoted by * were equipped with 4.5 Hz vertical geophones and RATS II digital arrival-time recorders. All other stations had 1Hz three-component seismometers and EARSS digital recorders.

None of the stations have internationally approved codes.

CODE	NAME	LATITUDE d	m	s		LONGITUDE d	m	s		ALT m
ASHV	Ash Pit Rd	38	16	53	S	176	27	45	E	360
DKRV	Dunkirk Rd	38	22	23	S	176	05	40	E	420
ERRV	Earle Road Rocks	38	31	11	S	176	22	42	E	330
EPAV	East Paeroa	38	23	58	S	176	16	57	E	480
ERQV	Earthquake Flat Rd	38	17	38	S	176	18	47	E	450
GULV	Gully Rd	38	07	42	S	176	37	17	E	150
GVRV	Gavin Rd	38	19	04	S	176	33	29	E	460
GV2V	Gavin Rd #2	38	19	33	S	176	33	14	E	420
HRXV	Hossock Rd Extension	38	20	29	S	176	13	09	E	350
KPSV	Kapenga Swamp	38	14	37	S	176	14	50	E	380
OHPV	Ohinepanea	37	51	01	S	176	33	08	E	120
OKAV	Okareka	38	11	40	S	176	22	27	E	480
OKTV	Lake Okataina	38	06	22	S	176	25	58	E	360
PKUV	Pukekahu	38	27	38	S	176	21	00	E	220
TAOV	Tarawera Outlet	38	11	01	S	176	30	03	E	320
TEAV	Te Ana	38	22	23	S	176	09	22	E	280
TTTV	Toretaputahi	38	30	30	S	176	21	59	E	300
WNUV	Wharenui	38	08	59	S	176	19	04	E	390
WRAV	Wairua	38	14	48	S	176	23	10	E	460
WTPV	Waiotapu	38	21	38	S	176	24	22	E	420
WVRV	Whirinaki Valley Rd	38	17	15	S	176	11	29	E	380
AWSV	*Awakeri Springs	38	02	16	S	176	52	10	E	90
FORV	*Forest Rd	38	27	10	S	176	23	37	E	300
HAMV	*Hamurana	38	01	43	S	176	14	07	E	380
KEAV	*Kearoa Rd	38	13	01	S	176	09	46	E	400
KIQV	*Kiwifruit Quarry	37	44	08	S	176	16	50	E	90
OKKV	*Orakeikorako	38	29	20	S	176	09	56	E	370
OMAV	*Omahine	37	51	14	S	175	54	01	E	380
TEMV	*Te Monehu	38	14	19	S	176	39	33	E	400
WHPV	*Whyte's Peak	37	51	11	S	176	15	40	E	400

RUAPEHU VOLCANO MONITORING NETWORK

This temporary network was installed around Ruapehu to monitor the volcanic activity after the mountain began erupting in mid September. The instruments are 3 component short period seismometers recorded on EARSS digital recorders. The station codes are unofficial.

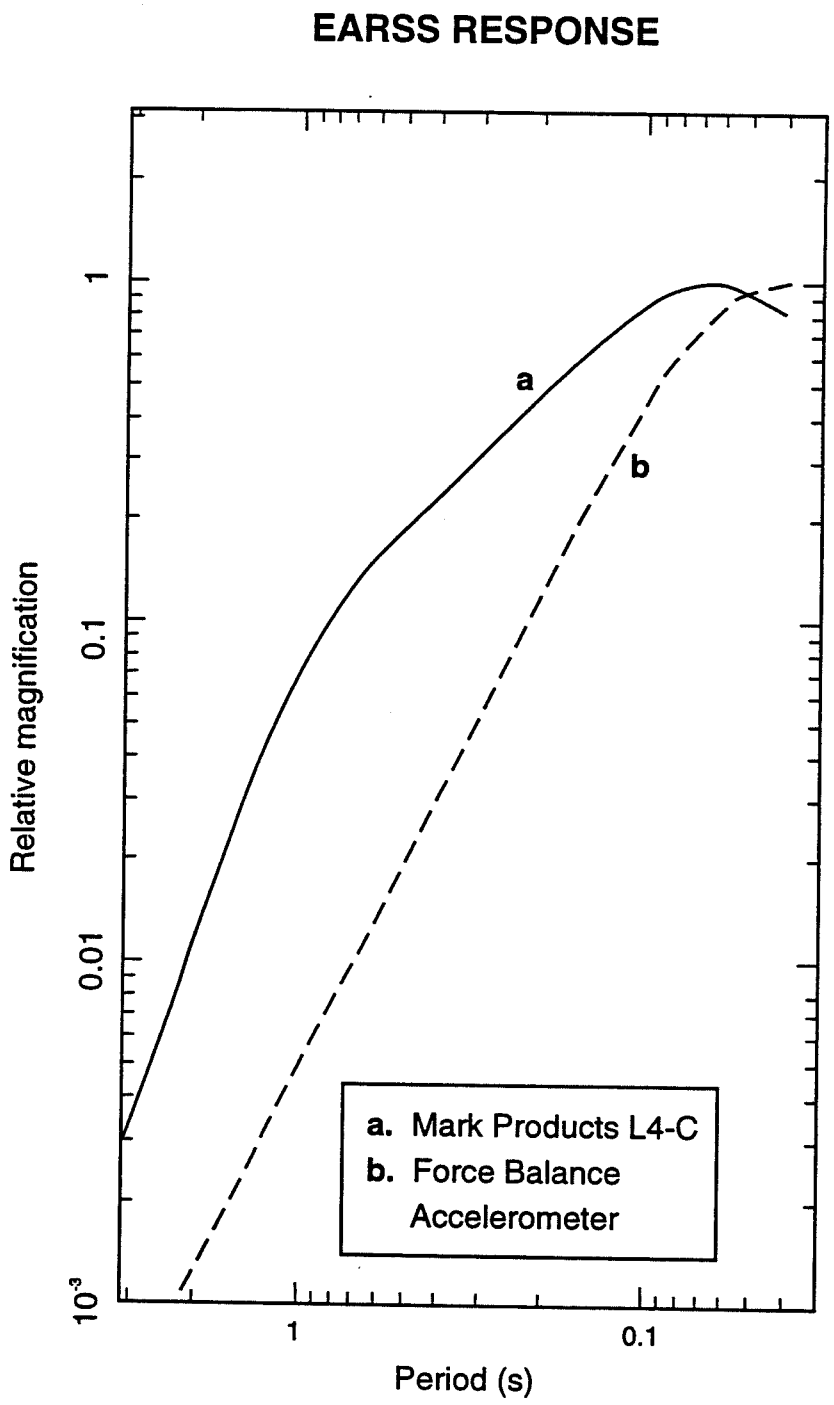
CODE	NAME	LATITUDE d	m	s		LONGITUDE d	m	s		ALT m
CSCV	Christiana Ski Club	39	16	50	S	175	36	48	E	1690
ERUV	Erua	39	14	00	S	175	21	55	E	760
EXPV	Express	39	15	19	S	175	33	53	E	2030
GIAV	Giant	39	17	59	S	175	32	55	E	2070
KARV	Karioi	39	27	13	S	175	34	25	E	710
MIDV	Middle Road	39	19	24	S	175	21	04	E	730
MOAV	Moawhango	39	24	30	S	175	45	11	E	850
OAKV	Ohakune	39	23	03	S	175	26	14	E	720
SWRV	Swamp Road	39	21	21	S	175	37	10	E	1100
TONV	Tongariro River	39	13	58	S	175	46	43	E	860
TOPV	Top of the Bruce	39	14	04	S	175	32	36	E	1480
TURV	Turoa	39	19	15	S	175	30	10	E	1250

SOUTHERN ALPS ARRAY - Arthur's Pass Region

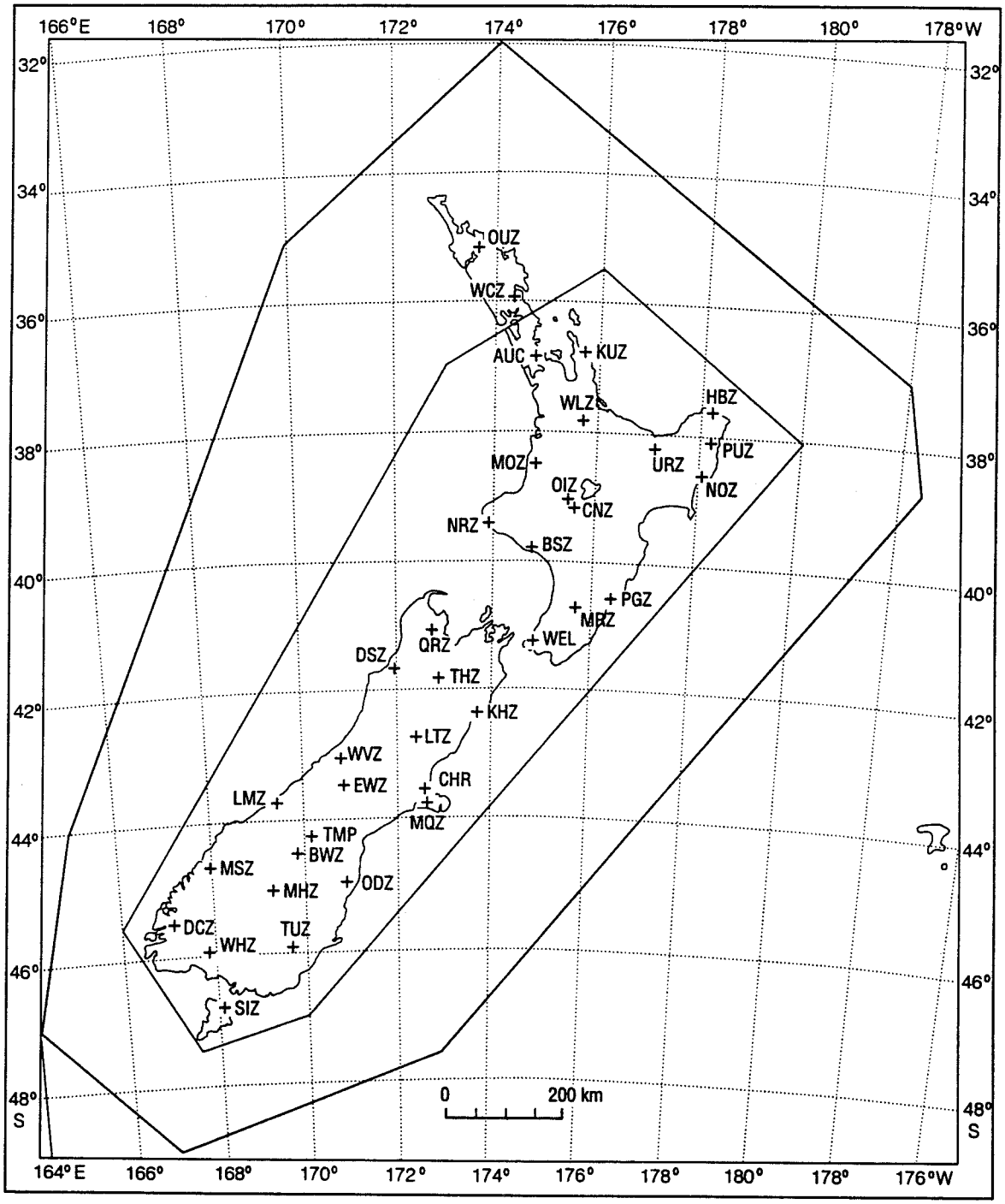
The Southern Alps Passive Seismic Experiment (SAPSE) array was installed by GNS and Otago University, in cooperation with the University of California, Berkeley. It consisted of interspersed broadband (Reftek) and short-period (EARSS) 3-component stations and operated from 1995 Nov through 1996 April.

The stations listed below formed part of the network and were used in the analysis of the aftershock sequence of the Cass earthquake of 1995 November 24. These stations, except Arthur's Pass (ARPA) which had a Broadband STS-2, had 3-component L4C instuments with EARSS digital recorders. These stations do not have internationally recognised codes.

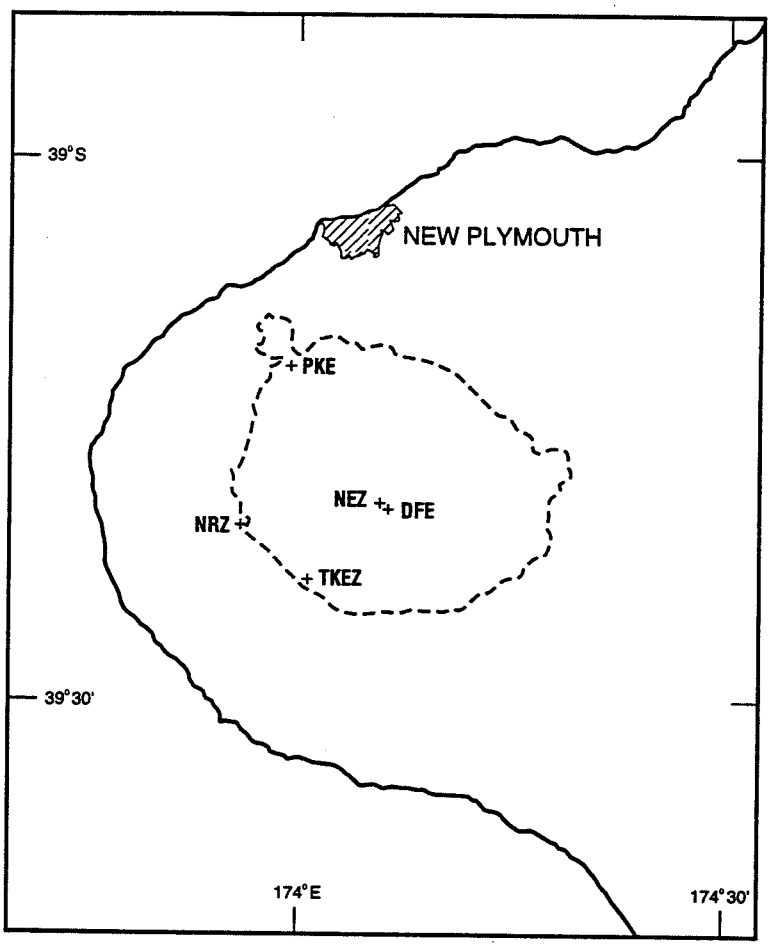
CODE	NAME	LATITUDE d	m	s		LONGITUDE d	m	s		ALT m
AHAA	Ahaura	42	34	09	S	171	51	59	E	211
ARPA	Arthur's Pass	42	58	36	S	171	34	43	E	702
CASA	Castle Hill	43	13	39	S	171	43	11	E	785
MTTA	Mt Thomas	43	09	54	S	172	21	46	E	875
POLA	Poulter River	43	02	50	S	171	54	11	E	519
RKIA	Rakaia	43	18	07	S	171	18	36	E	473



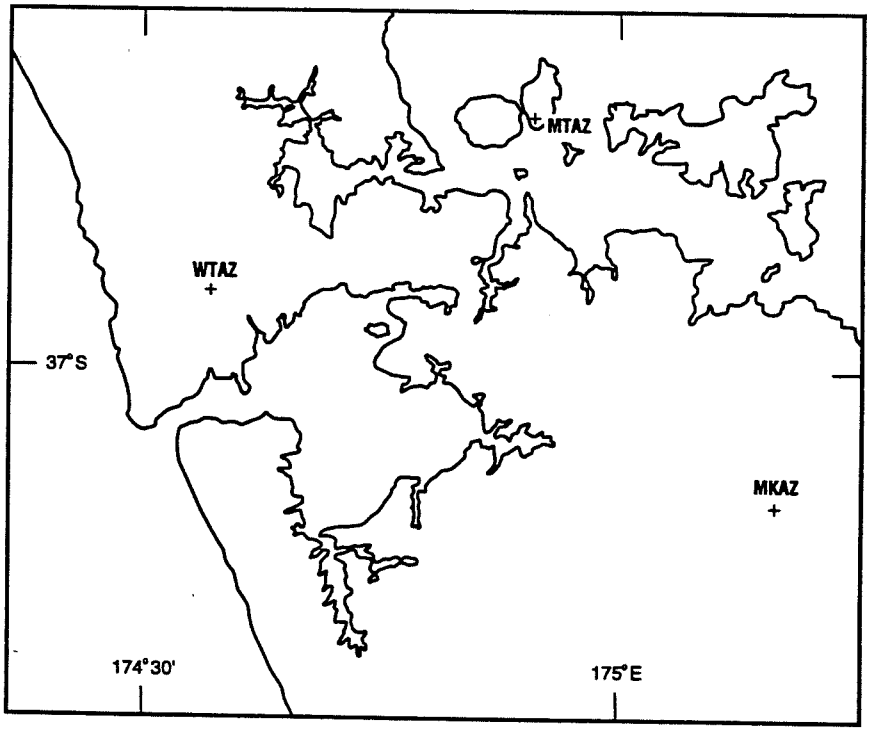
Period response curve of L4-C seismometers with EARSS recorders.



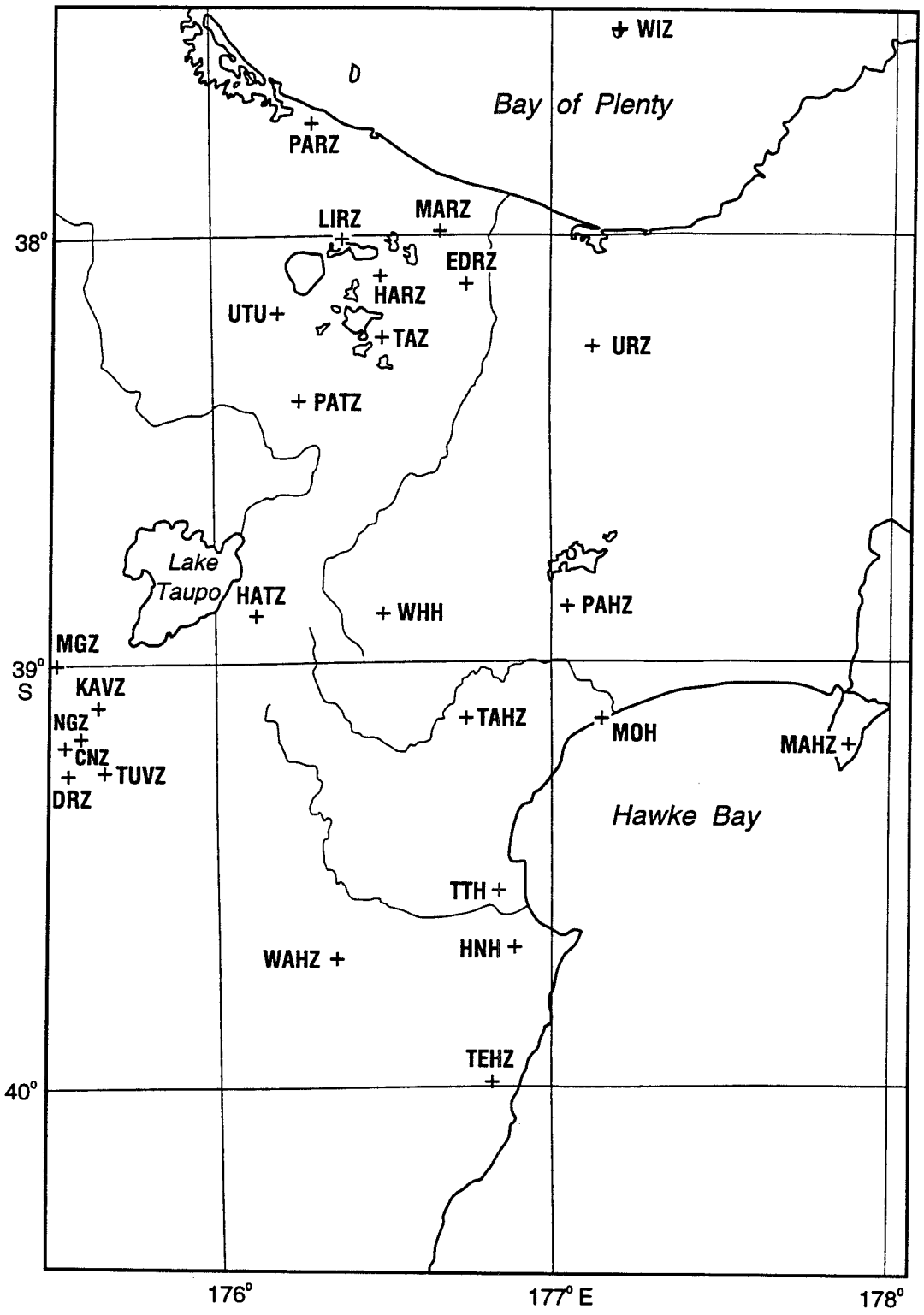
Stations of the National Seismograph Network. Some stations that are too closely spaced to show on this scale are shown instead on the map of the Volcanic and Hawke's Bay Networks. The inner and outer polygons define areas where accuracy of epicentre locations is considered reliable, less reliable and inadequate.



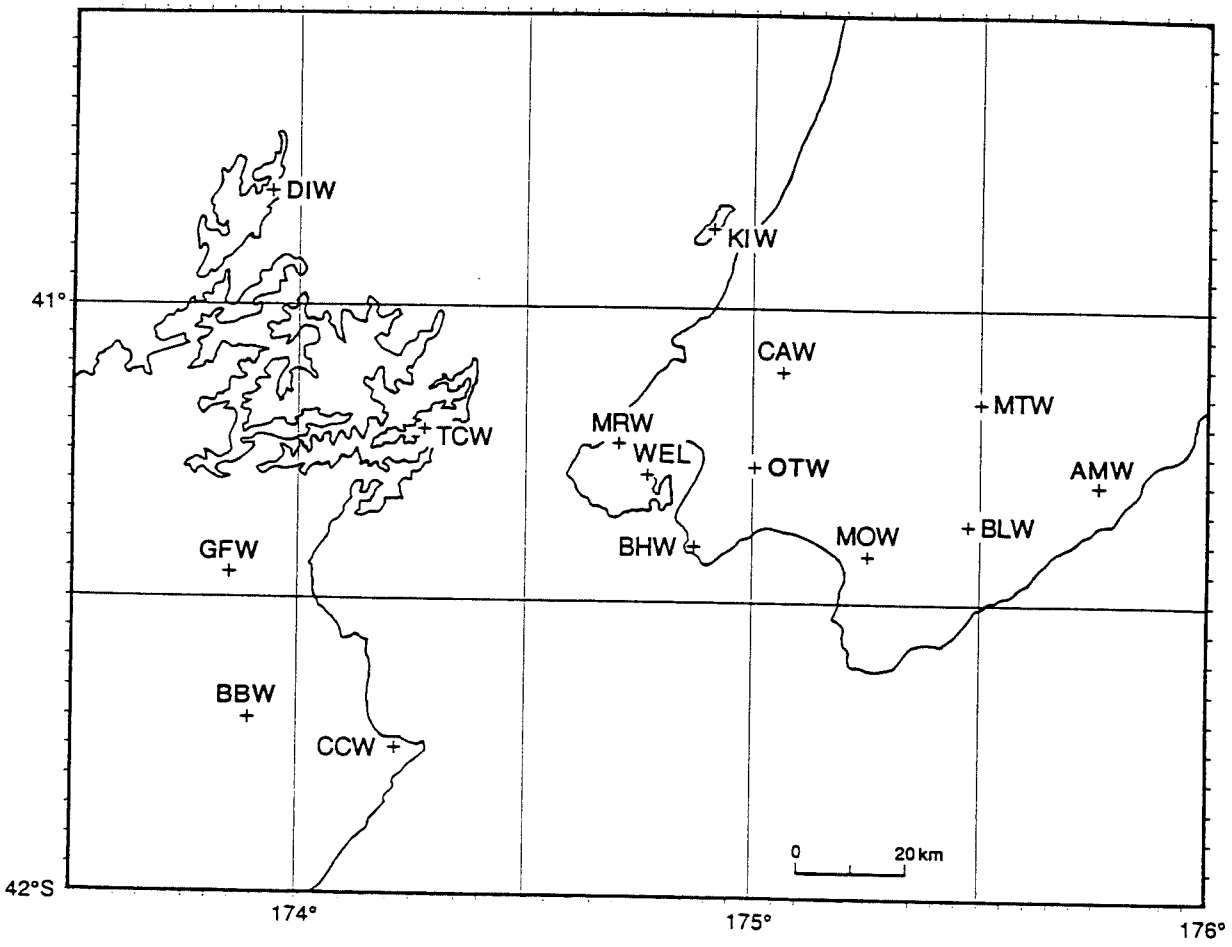
Stations of the Taranaki Volcanic Network.



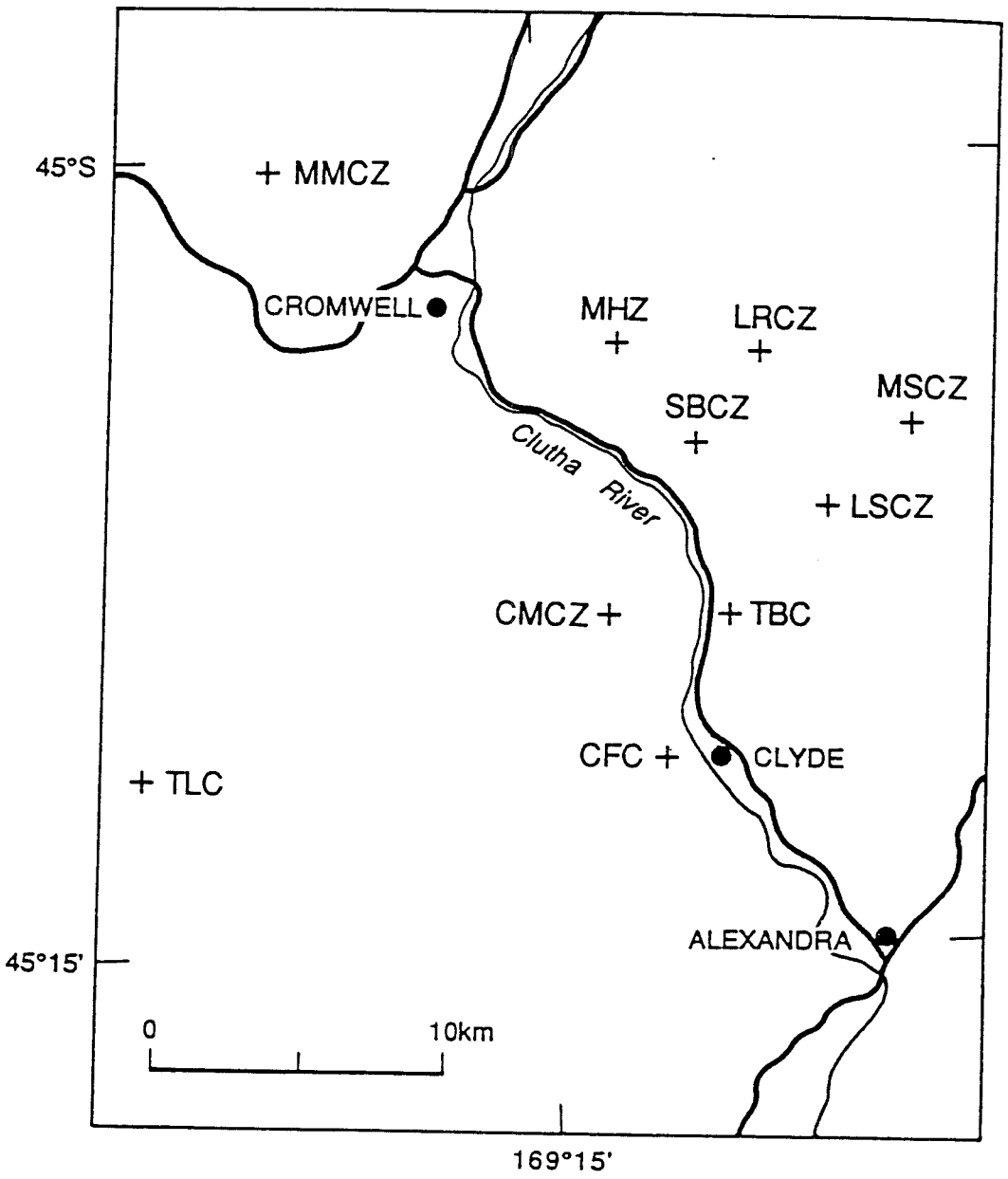
Stations of the Auckland Volcanic Network.



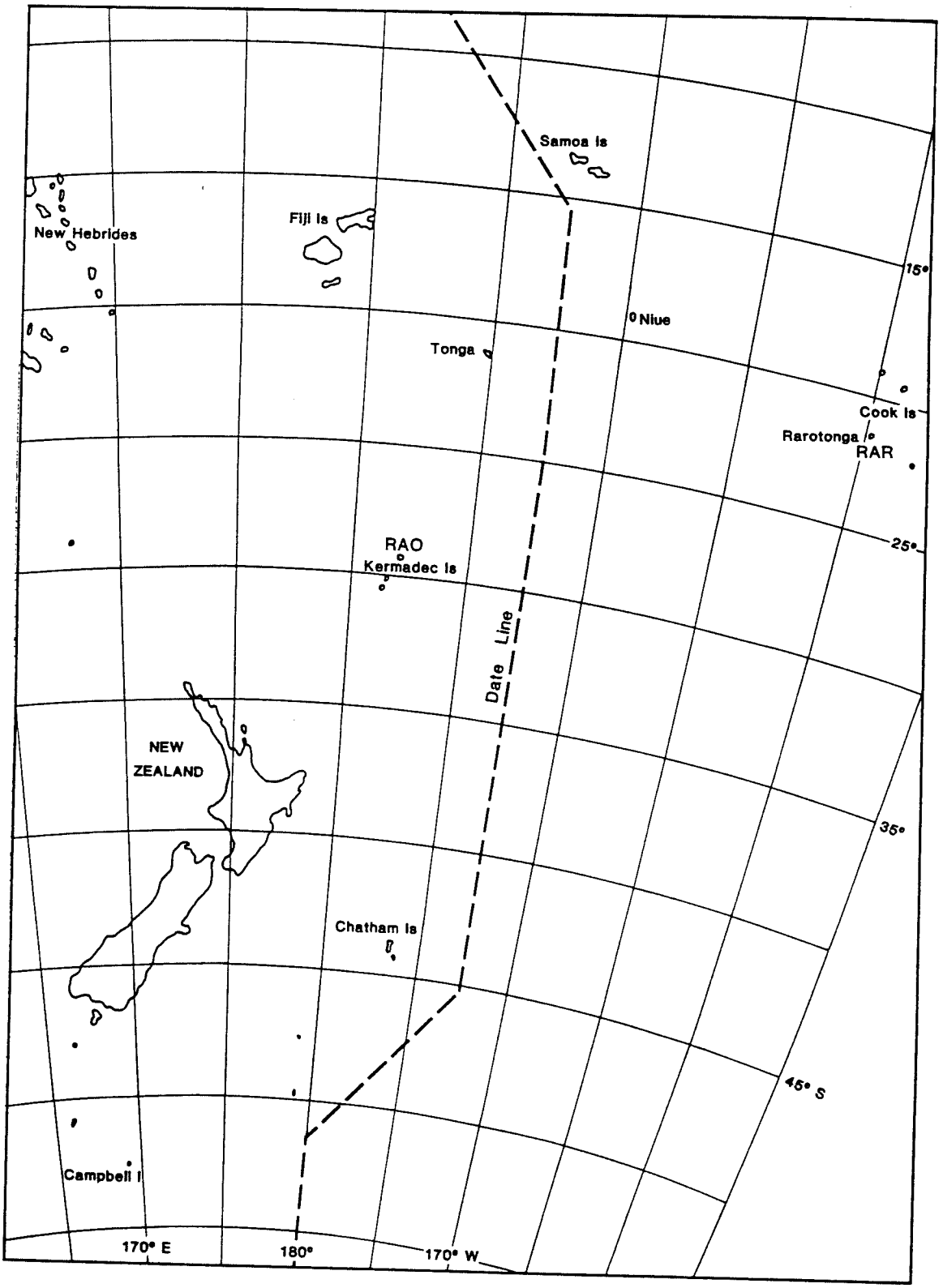
Stations of the Volcanic and Hawke's Bay Networks. Other stations lying within the boundaries of the map are also shown.



The Wellington Network includes stations on both sides of Cook Strait.



The Clyde Network monitors seismic activity around the Clyde Dam.



Pacific Island Stations

TIMING ARRANGEMENTS

Unless stated otherwise, times in this Report are given in Universal Time (U.T. or, more strictly, U.T.C., which is basically atomically kept time, adjusted when necessary by one second steps ("leap seconds") to agree with the astronomically determined time known as UT1). For most seismological and civil purposes this may be regarded as the Mean Solar Time of the Greenwich meridian.

On paper seismograms made by the national network, minute marks, derived from quartz crystal clocks of high stability, appear on records as abrupt trace deflections of about two seconds duration. Radio time signals also operate the trace deflector so that the relationship between the locally generated minute marks and Universal Time can be established. In most cases the radio signals are those of the New Zealand Time Service, transmitted hourly through the stations of Radio New Zealand, but in areas where local reception is bad, a time signal broadcast from overseas may be used. It is estimated that the total error in time-signal recording resulting from signal transmission and delay in operation of the trace deflector should never exceed 30 milliseconds.

SNARE and EARSS instruments are also equipped with high stability clocks and radio receivers tuned to pick up Time Service signals. A software routine establishes a clock drift rate and applies a correcting signal calculated to bring the clock smoothly into synchronism with the time signals (which are usually received hourly). The difference between internally kept time and Time Service times is recorded and a correction applied by CUSP interactive display software to the phase onset times chosen by analysts. Corrected arrival times are expressed to a precision of one hundredth of a second, usually with an accuracy of a few hundredths, but errors of almost a tenth of a second have occasionally been detected.

Stations of the World-Wide Standard Seismograph Network have the timing arrangements usual at such stations. At other stations beyond New Zealand, time signals originating from the national Time Service or some other reliable time service are used.

It is sometimes desirable to know the local civil time at which an earthquake occurred. The times now used for civil purposes in New Zealand (except the Chatham Islands) are New Zealand Standard Time, and New Zealand Daylight Time, which are defined in the Time Act, 1974. New Zealand Standard Time is 12 hours, and New Zealand Daylight Time 13 hours, ahead of U.T. The period of Daylight Time is specified by Order in Council, as provided by the Act, and in 1995 Daylight Time was in effect until 02h NZST on March 19th, and from 02h NZST on October 1st until the end of the year.

The time observed in the Chatham Islands is 45 minutes in advance of that currently in use in New Zealand. New Zealand Standard Time is observed at Scott Base, in Fiji and on Raoul Island. Times kept elsewhere in the South Pacific are set by the governments of the respective countries. Those used in places which sometimes report earthquakes to the Observatory are listed below.

Western Samoa	11h 00m behind U.T.
Niue	11h 00m behind U.T.
Rarotonga	10h 00m behind U.T.
Tonga	13h 00m ahead of U.T.
Norfolk Island	11h 30m ahead of U.T.
French Polynesia	10h 00m behind U.T.

Note that Western Samoa, Niue, Rarotonga and French Polynesia are on the opposite side of the International Date Line from New Zealand.

ORIGIN INFORMATION

CONTENT

This section contains origin times, epicentres, focal depths, and magnitudes of earthquakes in the New Zealand region that the Observatory has located from instrumental data, together with indicators of the quality of the data used.

In the areas within the inner and outer polygons outlined on the map on page 20, the Observatory attempts to determine origins for all shallow earthquakes of M_L 3.5 or more, and all shocks of M_L 4.0 or more, respectively. (Origins are regarded as shallow if their depth is less than 60 km.) Origins are also calculated for smaller or more distant earthquakes reported to have been felt in New Zealand. Weak shocks felt during earthquake swarms do not automatically get this individual attention, but an origin is found for at least one shock in any sequence giving rise to felt reports.

DETERMINATION OF ORIGINS

Earthquake origins are determined using P & S phases or first-arriving crustal P & S phases. Four different velocity/depth structures are used to calculate travel-times of rays passing through and immediately beneath the crust in different parts of the country (see table below). Beneath the "Moho" defined by these models, velocities are smoothly merged with those of the Jeffreys-Bullen Tables (British Association for the Advancement of Science, 1958). The Standard velocity model is used to calculate crustal velocities beneath all regions except those defined in the following table.

MODEL	UPPER DEPTH BOUNDARY (km)	Vp (km/s)	Vs (km/s)	CORNERS OF REGION Lat.	Long.
				(in clockwise order)	
New Zealand Standard	0.0	5.5	3.3		
	12.0	6.5	3.7		
	33.0	8.1	4.6		
Wellington	0.0	4.40	2.54	41.0 S	178.0 E
	0.4	5.63	3.16	43.5 S	175.0 E
	5.0	5.77	3.49	42.0 S	173.0 E
	15.0	6.39	3.50	39.7 S	175.7 E
	25.0	6.79	3.92		
	35.0	8.07	4.80		
	45.0	8.77	4.86		
Taupo	0.0	3.00	1.70	35.6 S	180.0 E
	2.0	5.30	3.00	38.0 S	177.5 E
	5.0	6.00	3.50	39.7 S	175.7 E
	15.0	7.40	4.30	39.0 S	175.0 E
	33.0	7.78	4.39	37.0 S	176.0 E
	65.0	7.94	4.51	34.6 S	178.5 E
	96.4	8.08	4.52		
Clyde	0.0	4.4	2.6	45.5 S	172.0 E
	0.5	6.0	3.3	49.0 S	167.0 E
	12.0	6.5	3.7	44.5 S	168.0 E
	33.0	8.1	4.6	44.0 S	169.0 E

Seismograms are displayed on high-resolution graphics monitor screens under the control of CUSP (Caltech-USGS Seismic Processor) interactive software, for an analyst to select phase onset times by positioning a cursor on the trace. The analyst also selects the amplitude maximum to be used in magnitude calculations. Whenever possible, locations are based exclusively on times of first-arriving P and S phases.

Weights are initially assigned to phase arrival times by analysts according to the precision of the measurement. The weight of readings is further modified by the location program, which, after each iteration, weights the residuals used to adjust the trial origin. The procedure (see Jeffreys, H., 1939: Probability Theory, Cambridge University Press) greatly reduces the weight given to phases with residuals greater than three standard errors.

In general, all four coordinates of the earthquake origin are calculated (origin time, latitude, longitude, and focal depth). In some cases, however, the focal depth is not allowed to vary, but restricted to some chosen depth. This is most commonly done for crustal earthquakes. Unless there is a station within 25 km of a shock in the upper crust, or within 50 km of a shock in the lower crust, a nominal depth of either 12 or 33 km is usually assigned, according to the crustal phases present and the goodness of fit of the resulting solution. Less often, the depth is restricted to a smaller value, particularly when the strengths of locally reported felt intensities indicate an uncommonly shallow focus. The letter R printed after the depth in the lists which follow indicates a restriction for any of the foregoing reasons. There are also times when data not suitable for input to the location program (e.g. overseas PKP readings), indicate the depth of focus; in such cases the depth is similarly fixed and the restriction shown by following the depth by the letter G (to indicate intervention by a Geophysicist). When convergence of the location program fails for lack of enough data, both epicentre and depth are fixed at values consistent with the available information, and computation limited to finding a compatible origin time. Such doubly-restricted origins have the letters RR printed after the depth.

In routine origin determinations, sufficient of the stations nearest to the epicentre are read to ensure that there will be enough data for a satisfactory solution. When enough near observations are available, arrival times recorded at stations more distant from the epicentre are excluded from the calculations. Observatory analysts are free to completely reject data which they think to be unreliable, or to assign a low initial weight to it in the location program's procedure for minimising mean residuals. (See earlier details of how the weights are used).

In using the results in this section, it is essential to keep in mind that the positions of earthquakes with epicentres outside the network of seismograph stations can be very uncertain, even though the mean residual is small. With the aim of helping the reader to assess the reliability of the results presented here, the positional relationships between an epicentre, and the stations which recorded the data used to find it, are given after the calculated origin coordinates. Similarly, the number of magnitude estimates contributing to the mean value, and an indication of their scatter, are also shown.

The solutions presented here are in all cases based upon uniform procedures applied to laterally homogeneous models. Because well-established local models have been used to calculate the origins of shocks within the Wellington and Clyde Networks, systematic errors in these areas should be smaller than in other parts of the country.

The extensive development of CUSP software necessary to adapt it for use in New Zealand was undertaken by Dr T Webb and Dr E Smith.

MAGNITUDES

The magnitudes assigned to local earthquakes are intended to be the values of M_L as originally defined by C.F. Richter (Bull. Seism. Soc. Am. 25: 1-32, 1935), but his procedure for performing the magnitude calculation at other than the standard distance of 100 km has been modified, to take account of the observed characteristics of energy propagation in New Zealand, including the effect of focal depth (Haines, A.J., Bull. Seism. Soc. Am. 71: 275-94, 1981).

For stations more than 100 km away from the epicentre, an amplitude-distance relationship of the form

$$A = A_0 R^{-N} \exp (- \alpha R)$$

where A is an amplitude recorded at an epicentral distance R, A_0 is a calibration function, N is a geometric spreading factor and α is an inelastic attenuation coefficient, has been found appropriate for all parts of the country.

For all New Zealand crustal earthquakes N is 2 and α generally takes a value close to 0. With these values, the relationship describes head-wave propagation with no attenuation. In the Central Volcanic Region, however, (see Map, page 31), α takes values of 0.8 deg^{-1} for P waves and 1.05 deg^{-1} for S waves. Adjustments are therefore made according to the distance travelled in the volcanic region.

For deep earthquakes in the Main Seismic Region the same parameters as for crustal earthquakes apply ($N = 2$, $\alpha = 0$), provided that (i) R now measures the slant distance from the focus to the base of the crust, and (ii) stations to the west of the volcanic region or south of the Main Seismic Region are not used, because the structure there necessitates different spreading and attenuation terms.

For deep earthquakes in Fiordland the same amplitude-distance relationship is used, with (i) N given the value 1 (body wave propagation), (ii) α increasing with focal depth, and (iii) stations in the North Island not used, because of variations of the coefficients N and α. Milford Sound (MSZ), Wether Hill (WHZ), and Deep Cove (DCZ) should ideally be excluded for the same reason, but as they are sometimes the only stations from which any estimate of magnitude can be made, they are used when necessary, with $N = 2$ and $\alpha = 0$.

For stations closer than 100 km to the epicentre, the formula

$$M_A = \log_{10} A + 1.0 \log_{10} R + 0.0029 R + K$$

developed by R. Robinson (Pageoph 125: 579-596, 1987) is used, where A is the maximum digital count, R is the slant distance from the station to the earthquake focus (in kilometres) and K is a station correction allowing for site factors.

Empirical corrections are applied to allow for differences in site effects. They are made in such a manner as to give the most consistent estimates of magnitude from the different stations, and their absolute level is adjusted to give a standard Wood-Anderson instrument at Wellington a zero correction, a procedure that can be justified on *a priori* grounds and provides a smooth connection with previously published New Zealand magnitudes. Station corrections (see Table on page 30 for synthetic Wood-Anderson values) are added to the individual estimates of magnitude, which are then averaged.

The amplitudes on which magnitude calculations are based are no longer published, but the number of measurements and the number of stations contributing to the average magnitude are listed (e.g. "5M/4stn" appearing in a data summary indicates that 5 amplitude measurements of records from 4 stations were used to compute an average).

The definitive local magnitude is finally calculated as a weighted average of all station estimates. Estimates from stations at distances less than 100 km are given half weight, as are stations WHZ, DCZ, and MSZ for deep earthquakes in Fiordland. When 8 or more synthetic Wood-Anderson readings are available, magnitudes derived from vertical component amplitudes are given zero weight.

CALCULATION OF AMPLITUDES

Synthetic Wood-Anderson seismograms are computed for all horizontal components at non-telemetered EARSS stations having Mark Products L4-C 1Hz seismometers or, in the case of WEL, a Kinemetrics force-balance accelerometer (see Map, page 31). The Wood-Anderson gain used is 2080. The maximum amplitude for each computed trace is picked automatically, but can be updated by the analyst. Only amplitudes exceeding a pre-determined level for each station are given weight in the calculations to avoid amplitudes being picked from micro-seismic noise.

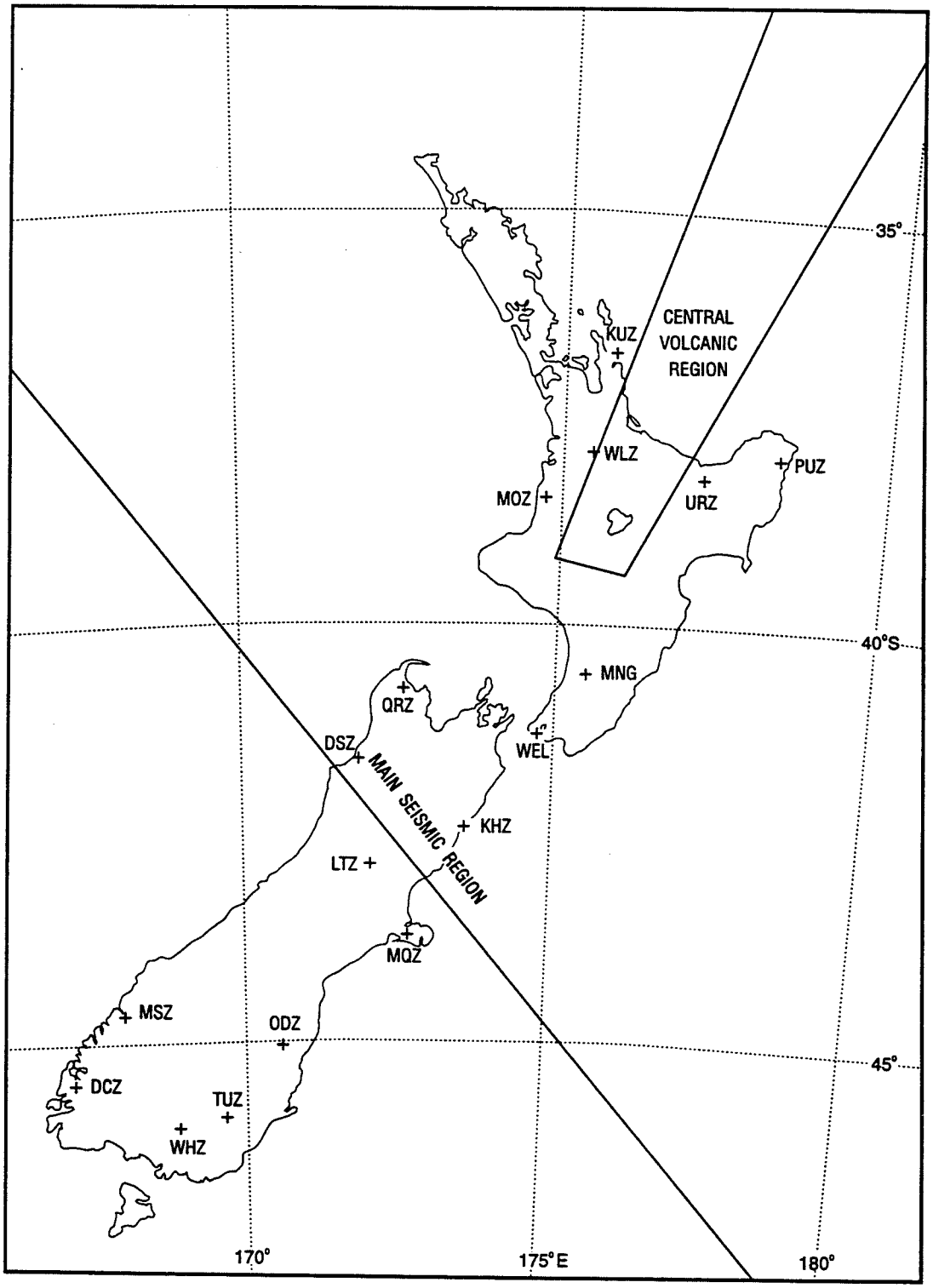
Maximum amplitudes are also picked off vertical traces for both telemetered and non-telemetered stations. This is necessary to obtain readings for small events. For very small events, traces are high-pass filtered to enable an amplitude to be picked. Magnitudes are unable to be calculated for only a few small deep events for which no east coast station has been triggered.

Note that there are usually two horizontal seismograms for each 3-component station, so that synthetic Wood-Anderson values tend to dominate the average magnitude.

Magnitude corrections for the two classes of focal depth, for earthquakes recorded on synthetic Wood-Anderson seismograms.

Station	Component		Correction (H≤33 km)	Correction (H>33 km)
DCZ	H	Fiordland only		+0.59
DCZ	H	All shallow	+0.60	
DSZ	H	Fiordland only		+0.22
DSZ	H	All shallow	+0.22	
KHZ	H		+0.43	+0.33
KUZ	H		+0.36	
LTZ	H		+0.59	
MNG	H		+0.51	+0.45
MOZ	H		+0.36	
MQZ	H		+0.46	
MSZ	H	Fiordland only		+0.21
MSZ	H	All shallow	+0.35	
ODZ	H		+0.45	
PUZ	H		+0.29	+0.57
QRZ	H		+0.35	
TUZ	H		+0.31	
URZ	H		+0.35	+0.67
WEL	N		0.00	0.00
WEL	E		+0.09	+0.09
WHZ	H	Fiordland only		+0.35
WHZ	H	All shallow	+0.19	
WLZ	H	All shallow	+0.30	

H refers to horizontal seismometers, either N/S or E/W.
Note that WEL E needs a slight empirical correction to agree with the N component and with the standard Wood-Anderson instrument.



Stations and regions used for determination of synthetic Wood-Anderson magnitudes from digital records.

DATA FROM THE NATIONAL NETWORK

LAYOUT

The first entry for each earthquake is the reference number, used throughout the Report. The second line gives the origin coordinates and the magnitude and the third line shows, beneath each of the coordinates in line two, its standard error. Where depth has been restricted, the letter R or G in place of the standard error indicates the fact. The fourth line starts with Rsd, the standard deviation of residuals, an indication of how well the adopted origin reconciles the available data with the earth models used by the location program. Formally,

$$\text{Rsd} = \left[\sum_{i=1}^{n} \{(w_i \, r_i \, / \, 100)^2 \, / \, (n - m)\} \right]^{1/2}$$

where r_i is the ith residual, w_i its weight, n the number of readings and m the number of parameters determined (4 for unrestricted depth, 3 when depth is restricted.) When the number of readings used and the number of parameters are the same, the standard errors and Rsd are not defined. This is shown by the letters ND. The remainder of the fourth line and most of the fifth line present information indicating to the reader the degree of constraint on the adopted origin. Xph/Ystn shows that X phases from Y stations were used in the determination of the origin. (All phases given non-zero weight are counted but stations which failed to provide such a phase are not). Dmin is the distance from the epicentre to the nearest of these Y stations and Az. gap is the greatest angular gap in their distribution about the epicentre.

Corr. is the correlation coefficient of the errors in latitude and longitude. It may be used to construct an epicentral confidence region. (See Flinn, E.A., 1965, "Confidence regions and error determinations for seismic event locations". Rev. Geophys. 3: 156-185.) pM/Qstn shows that p magnitude estimates from phases recorded at Q stations contributed to the average value shown on line two. Msd is the standard deviation of the magnitude estimates.

The numbers of upward and downward first motions recorded are indicated at the end of line five.

Additional information may be appended to the above. This usually consists of a short summary of the places where a shock has been felt and the intensities there, but may include other comments. Further details of reports received by the Observatory concerning the effects of earthquakes and the intensities assessed from these observations appear in later sections of this Report.

The telemetered networks all detect earthquakes of very small magnitude in their respective regions. These are all located and the data are held in the Observatory's archives. The following list, however, contains only those events which were of magnitude 3.5 or greater, or were reported felt. Smaller events have been excluded, as have events located more than 10° from Wellington.

95/1
JAN 01 0000 54.2s 37.11S 177.45E 12km M=3.8
0.4 0.04 0.03 R
Rsd 0.5s 10ph/8stn Dmin 51km Az.gap 186°
Corr. 0.470 15M/13stn Msd 0.3 1↑

95/2
JAN 01 0012 50.6s 39.32S 175.39E 8km M=4.3
0.2 0.01 0.01 2
Rsd 0.3s 32ph/28stn Dmin 16km Az.gap 69°
Corr. 0.187 11M/6stn Msd 0.2 1↑
Felt Ohakune (49).

95/5
JAN 01 0053 24.6s 39.29S 175.41E 11km M=3.9
0.1 0.01 0.01 1
Rsd 0.2s 31ph/27stn Dmin 14km Az.gap 65°
Corr. 0.296 9M/5stn Msd 0.1 1↑

95/7
JAN 01 0122 57.6s 38.52S 175.81E 185km M=3.6
0.4 0.01 0.02 3
Rsd 0.1s 8ph/7stn Dmin 58km Az.gap 250°
Corr. -0.683 3M/2stn Msd 0.1 1↓

95/10
JAN 01 0213 35.0s 38.83S 175.18E 240km M=3.6
1.1 0.03 0.06 9
Rsd 0.3s 10ph/8stn Dmin 37km Az.gap 108°
Corr. -0.027 9M/8stn Msd 0.2

95/13
JAN 01 0247 20.4s 40.22S 173.65E 206km M=4.7
0.5 0.01 0.02 5
Rsd 0.2s 34ph/28stn Dmin 68km Az.gap 152°
Corr. -0.009 11M/7stn Msd 0.3 2↑ 3↓

95/46
JAN 02 0356 48.2s 41.87S 173.01E 64km M=4.2
0.2 0.01 0.01 2
Rsd 0.2s 22ph/17stn Dmin 15km Az.gap 67°
Corr. -0.611 12M/8stn Msd 0.2 2↑ 4↓

95/52
JAN 02 0741 45.9s 39.30S 175.41E 12km M=4.1
0.1 0.01 0.01 R
Rsd 0.3s 35ph/30stn Dmin 13km Az.gap 72°
Corr. -0.215 11M/6stn Msd 0.2 4↑ 1↓
Felt Ohakune (49) and Mt Ruapehu (50), MM4.

95/81
JAN 03 0417 44.9s 37.08S 177.43E 12km M=3.9
0.4 0.03 0.03 R
Rsd 0.3s 10ph/7stn Dmin 54km Az.gap 187°
Corr. 0.761 14M/12stn Msd 0.3

95/83
JAN 03 0449 24.1s 37.04S 177.64E 12km M=3.8
0.4 0.06 0.05 R
Rsd 0.4s 6ph/5stn Dmin 67km Az.gap 198°
Corr. 0.877 6M/4stn Msd 0.5

95/105
JAN 03 2301 24.8s 37.21S 177.36E 12km M=3.7
0.5 0.05 0.04 R
Rsd 0.5s 9ph/6stn Dmin 38km Az.gap 181°
Corr. 0.769 7M/4stn Msd 0.2 1↓

95/107
JAN 04 0024 14.2s 40.85S 175.60E 22km M=3.5
0.1 0.01 0.01 2
Rsd 0.3s 24ph/19stn Dmin 21km Az.gap 126°
Corr. -0.638 22M/18stn Msd 0.2 1↑

95/112
JAN 04 0249 37.8s 39.10S 174.83E 231km M=3.9
0.5 0.02 0.05 4
Rsd 0.2s 23ph/20stn Dmin 49km Az.gap 232°
Corr. -0.123 12M/11stn Msd 0.2

95/118
JAN 04 0525 42.2s 37.34S 176.64E 239km M=3.6
1.0 0.05 0.07 9
Rsd 0.4s 10ph/8stn Dmin 105km Az.gap 172°
Corr. -0.348 7M/7stn Msd 0.3

95/161
JAN 04 2340 49.9s 38.57S 175.95E 5km M=2.8
0.1 0.01 0.01 R
Rsd 0.2s 16ph/13stn Dmin 34km Az.gap 108°
Corr. -0.412 15M/13stn Msd 0.3
Felt Waihora Rd (40) MM4.

95/162
JAN 04 2358 43.4s 38.57S 175.92E 5km M=3.8
0.1 0.01 0.01 R
Rsd 0.2s 30ph/26stn Dmin 37km Az.gap 65°
Corr. -0.517 9M/5stn Msd 0.2 1↑
Felt Waihora (40) and Taupo (41), MM4.

95/165
JAN 05 0003 24.5s 38.58S 175.95E 5km M=2.8
0.1 0.01 0.01 R
Rsd 0.2s 9ph/7stn Dmin 35km Az.gap 110°
Corr. -0.514 7M/7stn Msd 0.3
Felt Waihora Rd (40) MM4.

95/167
JAN 05 0009 23.3s 38.57S 175.96E 5km M=2.4
0.1 0.01 0.01 R
Rsd 0.2s 10ph/8stn Dmin 34km Az.gap 111°
Corr. -0.511 7M/7stn Msd 0.3
Felt Waihora Rd (40) MM3.

95/170
JAN 05 0035 44.1s 45.38S 167.14E 110km M=4.2
0.2 0.01 0.01 1
Rsd 0.1s 17ph/13stn Dmin 85km Az.gap 266°
Corr. 0.149 20M/14stn Msd 0.2 1↑ 1↓

95/171
JAN 05 0041 46.2s 38.59S 175.94E 5km M=3.4
0.1 0.01 0.01 R
Rsd 0.2s 23ph/19stn Dmin 36km Az.gap 106°
Corr. -0.704 22M/18stn Msd 0.3
Felt Waihora Rd (40) MM4.

95/173
JAN 05 0213 47.1s 37.23S 177.35E 12km M=3.5
0.4 0.03 0.02 R
Rsd 0.4s 8ph/5stn Dmin 36km Az.gap 186°
Corr. 0.569 4M/4stn Msd 0.2

95/175
JAN 05 0442 09.7s 37.14S 177.43E 5km M=4.4
0.2 0.02 0.01 R
Rsd 0.2s 15ph/13stn Dmin 48km Az.gap 183°
Corr. 0.691 28M/22stn Msd 0.2

95/181
JAN 05 1004 09.6s 36.89S 177.50E 12km M=3.8
1.3 0.10 0.05 R
Rsd 0.6s 9ph/7stn Dmin 76km Az.gap 223°
Corr. 0.705 21M/19stn Msd 0.3 1↓

95/185
JAN 05 1146 48.8s 37.22S 177.35E 12km M=3.7
0.5 0.06 0.05 R
Rsd 0.5s 7ph/5stn Dmin 37km Az.gap 198°
Corr. 0.895 6M/4stn Msd 0.4 1↓

95/189
JAN 05 1512 44.0s 37.13S 177.44E 12km M=3.7
0.5 0.04 0.03 R
Rsd 0.3s 10ph/8stn Dmin 49km Az.gap 184°
Corr. 0.756 19M/17stn Msd 0.2

95/190
JAN 05 1653 33.2s 36.10S 179.70E 12km M=3.7
0.1 0.00 0.01 R
Rsd 0.0s 6ph/4stn Dmin 208km Az.gap 309°
Corr. 0.542 4M/4stn Msd 0.3

95/201
JAN 06 0006 30.4s 36.09S 179.06E 196km M=3.7
1.7 0.21 0.46 18
Rsd 0.3s 6ph/4stn Dmin 181km Az.gap 347°
Corr. -0.938 3M/3stn Msd 0.1

95/204
JAN 06 0201 17.0s 37.00S 177.54E 12km M=4.2
0.3 0.03 0.02 R
Rsd 0.2s 10ph/8stn Dmin 67km Az.gap 197°
Corr. 0.750 20M/16stn Msd 0.3

95/211
JAN 06 0432 28.4s 36.77S 177.64E 173km M=4.6
0.8 0.04 0.03 6
Rsd 0.2s 16ph/14stn Dmin 155km Az.gap 226°
Corr. 0.616 19M/15stn Msd 0.2 1↓

95/212
JAN 06 0450 04.6s 39.28S 174.87E 209km M=3.7
0.2 0.03 0.01 3
Rsd 0.0s 14ph/11stn Dmin 165km Az.gap 296°
Corr. -0.304 13M/13stn Msd 0.2

95/216
JAN 06 0602 45.8s 37.03S 177.52E 12km M=4.2
0.7 0.05 0.03 R
Rsd 0.6s 9ph/7stn Dmin 63km Az.gap 213°
Corr. 0.593 15M/11stn Msd 0.2

95/217
JAN 06 0643 40.2s 37.07S 177.46E 12km M=3.5
0.8 0.08 0.06 R
Rsd 0.5s 7ph/5stn Dmin 57km Az.gap 196°
Corr. 0.769 5M/4stn Msd 0.5

95/219
JAN 06 0752 19.6s 38.18S 176.11E 142km M=3.9
0.4 0.01 0.01 5
Rsd 0.1s 16ph/14stn Dmin 104km Az.gap 96°
Corr. 0.001 17M/15stn Msd 0.3

95/236
JAN 06 1546 34.1s 41.30S 174.29E 69km M=5.2
0.1 0.01 0.01 2
Rsd 0.1s 34ph/28stn Dmin 35km Az.gap 83°
Corr. -0.498 11M/6stn Msd 0.4 9↑ 13↓
Felt Raumati (65) to Blenheim (77), maximum intensity MM4.

95/239
JAN 06 1739 06.3s 36.97S 177.54E 12km M=4.7
0.3 0.03 0.02 R
Rsd 0.2s 10ph/10stn Dmin 70km Az.gap 205°
Corr. 0.612 10M/6stn Msd 0.3 1↑

95/244
JAN 07 0146 48.9s 37.05S 177.51E 12km M=3.6
0.9 0.07 0.05 R
Rsd 0.5s 7ph/5stn Dmin 60km Az.gap 210°
Corr. 0.601 6M/5stn Msd 0.5 1↓

95/252
JAN 07 0751 44.1s 37.16S 177.46E 12km M=4.5
0.3 0.03 0.02 R
Rsd 0.2s 12ph/10stn Dmin 48km Az.gap 198°
Corr. 0.786 11M/6stn Msd 0.3

95/255
JAN 07 0807 33.8s 37.25S 177.45E 12km M=3.6
0.5 0.07 0.05 R
Rsd 0.7s 8ph/6stn Dmin 39km Az.gap 175°
Corr. 0.775 7M/4stn Msd 0.3

95/257
JAN 07 0955 05.5s 37.83S 176.42E 12km M=3.6
0.4 0.03 0.01 R
Rsd 0.3s 7ph/4stn Dmin 28km Az.gap 223°
Corr. 0.684 10M/7stn Msd 0.9 1↑

95/260
JAN 07 1300 14.0s 40.50S 177.11E 60km M=3.6
0.1 0.01 0.01 2
Rsd 0.0s 12ph/10stn Dmin 72km Az.gap 238°
Corr. -0.541 5M/3stn Msd 0.1

95/261
JAN 07 1521 52.5s 40.73S 175.81E 31km M=3.8
0.2 0.01 0.02 1
Rsd 0.2s 17ph/13stn Dmin 21km Az.gap 144°
Corr. -0.550 28M/22stn Msd 0.3 1↓

95/268
JAN 08 0240 21.0s 38.13S 176.26E 183km M=3.8
0.7 0.03 0.02 7
Rsd 0.3s 16ph/13stn Dmin 127km Az.gap 181°
Corr. -0.571 12M/12stn Msd 0.2

95/271
JAN 08 0659 41.9s 36.85S 177.67E 12km M=3.9
1.0 0.09 0.07 R
Rsd 0.5s 8ph/6stn Dmin 100km Az.gap 218°
Corr. 0.903 11M/6stn Msd 0.6

95/272
JAN 08 0711 39.4s 37.95S 176.15E 205km M=3.9
1.1 0.05 0.02 9
Rsd 0.3s 11ph/10stn Dmin 50km Az.gap 159°
Corr. -0.324 14M/12stn Msd 0.2

95/276
JAN 08 0937 07.2s 37.16S 177.41E 12km M=3.7
0.5 0.05 0.03 R
Rsd 0.5s 9ph/7stn Dmin 45km Az.gap 187°
Corr. 0.745 11M/7stn Msd 0.4 1↓

95/277
JAN 08 0955 56.9s 37.13S 177.50E 12km M=3.6
1.0 0.09 0.05 R
Rsd 0.9s 7ph/6stn Dmin 52km Az.gap 201°
Corr. 0.571 6M/5stn Msd 0.3 1↑ 1↓

95/296
JAN 08 2020 40.2s 36.58S 177.70E 181km M=4.2
0.7 0.05 0.02 6
Rsd 0.1s 11ph/10stn Dmin 125km Az.gap 283°
Corr. 0.513 18M/15stn Msd 0.2

95/298
JAN 08 2255 28.7s 45.38S 167.17E 97km M=3.8
0.2 0.01 0.02 2
Rsd 0.1s 17ph/14stn Dmin 83km Az.gap 241°
Corr. -0.058 23M/18stn Msd 0.2 1↑

95/299
JAN 09 0107 17.7s 37.63S 176.78E 12km M=3.6
0.2 0.02 0.01 R
Rsd 0.3s 14ph/12stn Dmin 38km Az.gap 116°
Corr. -0.655 12M/12stn Msd 0.2

95/307
JAN 09 1242 13.5s 37.48S 179.44W 12km M=3.5
0.8 0.06 0.06 R
Rsd 0.2s 4ph/3stn Dmin 200km Az.gap 334°
Corr. -0.107 3M/3stn Msd 0.4

95/309
JAN 09 1307 36.5s 37.10S 177.74E 12km M=4.0
0.5 0.04 0.02 R
Rsd 0.4s 12ph/9stn Dmin 68km Az.gap 201°
Corr. 0.439 28M/24stn Msd 0.3

95/317
JAN 09 1736 21.7s 44.47S 168.78E 5km M=3.3
0.1 0.00 0.00 R
Rsd 0.1s 18ph/15stn Dmin 65km Az.gap 134°
Corr. 0.071 20M/16stn Msd 0.3 1↓
Felt Mt Aspiring Stn (113) MM4.

95/321
JAN 09 2110 02.5s 36.89S 177.62E 12km M=3.8
0.2 0.02 0.01 R
Rsd 0.1s 7ph/4stn Dmin 100km Az.gap 228°
Corr. 0.898 5M/4stn Msd 0.3

95/326
JAN 10 0240 59.2s 38.53S 176.01E 214km M=3.6
0.3 0.05 0.04 6
Rsd 0.0s 9ph/8stn Dmin 240km Az.gap 348°
Corr. 0.688 6M/6stn Msd 0.3

95/328
JAN 10 0455 55.0s 36.82S 179.28E 132km M=3.5
0.0 0.00 0.00 0
Rsd 0.0s 4ph/3stn Dmin 123km Az.gap 343°
Corr. -0.965 3M/3stn Msd 0.2

95/329
JAN 10 0557 06.0s 38.47S 176.12E 151km M=3.8
0.6 0.04 0.02 5
Rsd 0.1s 12ph/10stn Dmin 78km Az.gap 213°
Corr. -0.455 13M/13stn Msd 0.5

95/350
JAN 10 1308 16.6s 37.19S 177.40E 12km M=3.6
0.4 0.05 0.03 R
Rsd 0.4s 6ph/5stn Dmin 92km Az.gap 192°
Corr. 0.791 7M/5stn Msd 0.2

95/354
JAN 10 1545 43.5s 37.15S 178.64E 12km M=4.0
0.6 0.02 0.04 R
Rsd 0.3s 10ph/8stn Dmin 58km Az.gap 264°
Corr. 0.578 14M/10stn Msd 0.7 1↑ 1↓

95/360
JAN 10 1630 56.6s 38.83S 176.03E 85km M=4.5
0.2 0.01 0.01 2
Rsd 0.2s 47ph/39stn Dmin 8km Az.gap 58°
Corr. -0.642 19M/14stn Msd 0.2 14↑ 14↓

95/366
JAN 10 2030 36.9s 37.76S 177.37E 12km M=3.8
0.1 0.02 0.01 R
Rsd 0.3s 7ph/5stn Dmin 84km Az.gap 157°
Corr. 0.662 9M/5stn Msd 0.5 1↑

95/383
JAN 11 0543 36.9s 40.51S 176.79E 12km M=3.6
0.2 0.01 0.01 R
Rsd 0.2s 22ph/18stn Dmin 45km Az.gap 246°
Corr. -0.128 23M/19stn Msd 0.5 1↓

95/402
JAN 11 2147 50.5s 42.52S 173.01E 53km M=3.5
0.2 0.01 0.01 3
Rsd 0.2s 21ph/16stn Dmin 45km Az.gap 116°
Corr. -0.392 14M/13stn Msd 0.1 4↑ 1↓

95/410
JAN 12 0210 37.8s 42.51S 173.03E 59km M=3.9
0.2 0.01 0.01 3
Rsd 0.2s 26ph/19stn Dmin 44km Az.gap 117°
Corr. -0.358 18M/14stn Msd 0.2 3↑ 2↓

95/414
JAN 12 0316 36.5s 38.20S 176.26E 167km M=4.5
0.2 0.01 0.01 2
Rsd 0.2s 49ph/38stn Dmin 7km Az.gap 43°
Corr. -0.154 23M/18stn Msd 0.3 15↑ 5↓

95/453
JAN 12 1703 26.6s 38.13S 178.24E 30km M=3.7
0.4 0.03 0.08 4
Rsd 0.5s 8ph/6stn Dmin 7km Az.gap 190°
Corr. -0.527 19M/12stn Msd 0.4

95/468
JAN 12 2303 12.0s 39.65S 174.43E 206km M=3.5
0.2 0.01 0.01 2
Rsd 0.1s 17ph/14stn Dmin 46km Az.gap 215°
Corr. -0.233 15M/15stn Msd 0.2

95/470
JAN 12 2354 36.6s 37.20S 177.49E 131km M=4.0
0.7 0.03 0.03 8
Rsd 0.2s 11ph/9stn Dmin 45km Az.gap 244°
Corr. 0.151 19M/17stn Msd 0.3

95/478
JAN 13 0310 43.8s 37.24S 177.40E 12km M=3.5
0.3 0.02 0.01 R
Rsd 0.2s 8ph/6stn Dmin 36km Az.gap 186°
Corr. 0.620 13M/10stn Msd 0.3

95/493
JAN 13 1141 36.6s 35.95S 178.29E 279km M=3.9
1.0 0.08 0.11 11
Rsd 0.2s 10ph/7stn Dmin 183km Az.gap 331°
Corr. -0.574 11M/11stn Msd 0.2

95/503
JAN 13 1549 38.7s 45.18S 167.31E 80km M=3.9
0.2 0.01 0.01 1
Rsd 0.1s 17ph/14stn Dmin 75km Az.gap 240°
Corr. -0.379 17M/13stn Msd 0.3 1↓

95/524
JAN 14 0459 32.2s 44.26S 167.82E 5km M=4.1
0.4 0.01 0.02 R
Rsd 0.1s 17ph/14stn Dmin 47km Az.gap 216°
Corr. -0.550 20M/15stn Msd 0.3 1↑ 7↓

95/536
JAN 14 1123 41.8s 37.25S 177.36E 12km M=3.5
2.6 0.19 0.07 R
Rsd 0.9s 5ph/4stn Dmin 35km Az.gap 268°
Corr. -0.595 6M/4stn Msd 0.7

95/554
JAN 14 1731 16.2s 37.70S 178.26E 63km M=3.6
0.2 0.01 0.01 2
Rsd 0.1s 19ph/16stn Dmin 12km Az.gap 160°
Corr. 0.271 16M/14stn Msd 0.2 1↑ 1↓

95/561
JAN 14 2022 40.2s 35.49S 176.88E 12km M=4.1
0.4 0.04 0.08 R
Rsd 0.1s 4ph/3stn Dmin 267km Az.gap 348°
Corr. 0.688 3M/3stn Msd 0.4

95/565
JAN 15 0037 55.3s 38.13S 175.96E 201km M=3.8
0.8 0.03 0.03 8
Rsd 0.3s 12ph/9stn Dmin 63km Az.gap 188°
Corr. -0.366 14M/13stn Msd 0.1

95/574
JAN 15 0615 01.7s 41.37S 172.95E 110km M=3.8
0.4 0.02 0.01 4
Rsd 0.3s 26ph/18stn Dmin 44km Az.gap 141°
Corr. -0.515 18M/15stn Msd 0.2 5↑ 4↓

95/583
JAN 15 1120 00.4s 40.81S 175.13E 30km M=3.7
0.1 0.01 0.01 1
Rsd 0.2s 34ph/29stn Dmin 19km Az.gap 74°
Corr. -0.213 36M/30stn Msd 0.3 5↑ 9↓

95/594
JAN 15 1849 43.0s 37.11S 177.45E 12km M=3.7
0.6 0.08 0.05 R
Rsd 0.5s 6ph/4stn Dmin 93km Az.gap 202°
Corr. 0.913 6M/4stn Msd 0.5

95/595
JAN 15 1859 20.5s 38.21S 175.86E 5km M=2.6
0.1 0.01 0.01 R
Rsd 0.2s 21ph/14stn Dmin 27km Az.gap 124°
Corr. 0.399 14M/14stn Msd 0.2 1↑
Felt Tokoroa (32) MM5.

95/600
JAN 15 2211 00.4s 36.10S 178.68E 163km M=4.3
0.5 0.07 0.05 11
Rsd 0.2s 11ph/8stn Dmin 170km Az.gap 270°
Corr. 0.857 8M/5stn Msd 0.2

95/614
JAN 16 0645 29.8s 42.10S 177.89E 33km M=3.8
0.8 0.04 0.05 R
Rsd 0.4s 19ph/13stn Dmin 213km Az.gap 248°
Corr. -0.120 14M/12stn Msd 0.3

95/641
JAN 17 0253 00.8s 37.33S 177.33E 12km M=3.7
1.6 0.11 0.05 R
Rsd 0.6s 6ph/4stn Dmin 26km Az.gap 261°
Corr. -0.637 5M/3stn Msd 0.2

95/642
JAN 17 0253 42.0s 37.32S 177.27E 12km M=3.6
1.0 0.07 0.04 R
Rsd 0.4s 6ph/4stn Dmin 24km Az.gap 271°
Corr. -0.723 5M/3stn Msd 0.3

95/646
JAN 17 0527 44.3s 37.16S 177.46E 12km M=3.7
0.5 0.04 0.02 R
Rsd 0.3s 8ph/6stn Dmin 47km Az.gap 197°
Corr. 0.514 10M/6stn Msd 0.3 1↓

95/673
JAN 17 1733 57.4s 37.21S 177.43E 12km M=3.7
0.3 0.03 0.02 R
Rsd 0.4s 9ph/7stn Dmin 88km Az.gap 191°
Corr. 0.580 22M/16stn Msd 0.3

95/697
JAN 18 0802 19.5s 44.39S 169.88E 9km M=4.2
0.2 0.00 0.00 1
Rsd 0.1s 20ph/17stn Dmin 86km Az.gap 92°
Corr. -0.057 8M/4stn Msd 0.3 11↑ 1↓
Felt Twizel (116).

95/698
JAN 18 0806 36.0s 43.15S 171.49E 5km M=3.9
0.1 0.01 0.01 R
Rsd 0.1s 14ph/10stn Dmin 62km Az.gap 132°
Corr. -0.723 8M/5stn Msd 0.2

95/710
JAN 18 1320 08.3s 36.94S 177.57E 33km M=3.6
0.8 0.06 0.03 R
Rsd 0.3s 9ph/8stn Dmin 97km Az.gap 277°
Corr. 0.195 9M/7stn Msd 0.2

95/739
JAN 19 0524 34.3s 42.99S 171.34E 12km M=3.9
0.2 0.04 0.02 R
Rsd 0.3s 11ph/8stn Dmin 50km Az.gap 120°
Corr. -0.762 8M/4stn Msd 0.1 1↓

95/749
JAN 19 1158 04.7s 36.86S 176.35E 12km M=4.6
0.9 0.06 0.04 R
Rsd 0.3s 10ph/9stn Dmin 191km Az.gap 269°
Corr. -0.660 20M/20stn Msd 0.4

95/754
JAN 19 1434 42.5s 35.11S 177.26E 12km M=4.8
0.9 0.06 0.03 R
Rsd 0.2s 10ph/9stn Dmin 292km Az.gap 320°
Corr. 0.209 5M/3stn Msd 0.4

95/755
JAN 19 1439 41.8s 38.28S 176.17E 241km M=3.5
0.5 0.09 0.07 10
Rsd 0.1s 11ph/9stn Dmin 226km Az.gap 329°
Corr. -0.785 5M/5stn Msd 0.1 1↑

95/756
JAN 19 1609 47.4s 41.27S 172.78E 188km M=3.9
0.4 0.02 0.02 3
Rsd 0.2s 25ph/17stn Dmin 56km Az.gap 185°
Corr. -0.515 13M/13stn Msd 0.3 1↑ 5↓

95/757
JAN 19 1700 45.1s 36.97S 177.54E 12km M=4.3
0.6 0.04 0.02 R
Rsd 0.2s 10ph/8stn Dmin 69km Az.gap 257°
Corr. 0.572 9M/5stn Msd 0.1

95/764
JAN 19 2227 24.7s 45.12S 167.34E 47km M=3.9
0.2 0.01 0.01 3
Rsd 0.1s 17ph/14stn Dmin 67km Az.gap 241°
Corr. -0.555 17M/11stn Msd 0.2 1↓

95/773
JAN 20 0512 44.4s 44.35S 167.77E 5km M=4.1
0.4 0.01 0.03 R
Rsd 0.2s 19ph/15stn Dmin 38km Az.gap 234°
Corr. -0.359 19M/13stn Msd 0.2 1↓

95/791
JAN 20 1622 11.4s 38.82S 175.13E 221km M=4.9
0.2 0.01 0.01 2
Rsd 0.2s 63ph/53stn Dmin 33km Az.gap 74°
Corr. -0.476 23M/17stn Msd 0.2 12↑ 2↓

95/792
JAN 20 1735 42.3s 38.66S 175.72E 154km M=3.8
0.5 0.03 0.02 4
Rsd 0.2s 20ph/16stn Dmin 41km Az.gap 200°
Corr. -0.231 20M/18stn Msd 0.2 1↑

95/795
JAN 20 1925 52.9s 38.14S 176.38E 162km M=5.0
0.3 0.01 0.01 2
Rsd 0.2s 55ph/49stn Dmin 6km Az.gap 37°
Corr. 0.044 23M/17stn Msd 0.2 22↑ 2↓

95/820
JAN 21 1057 26.5s 45.25S 166.81E 12km M=3.7
0.8 0.02 0.05 R
Rsd 0.3s 14ph/12stn Dmin 109km Az.gap 257°
Corr. -0.136 19M/15stn Msd 0.2 1↓

95/831
JAN 21 1500 58.5s 36.98S 177.40E 193km M=3.6
1.2 0.08 0.05 8
Rsd 0.3s 10ph/9stn Dmin 143km Az.gap 296°
Corr. 0.341 8M/8stn Msd 0.1

95/836
JAN 21 1750 59.6s 38.72S 175.64E 184km M=3.8
0.5 0.02 0.02 4
Rsd 0.2s 16ph/14stn Dmin 77km Az.gap 145°
Corr. -0.039 13M/13stn Msd 0.3

95/837
JAN 21 2023 57.2s 39.78S 174.19E 193km M=3.8
0.5 0.02 0.03 5
Rsd 0.2s 26ph/21stn Dmin 64km Az.gap 216°
Corr. -0.508 18M/18stn Msd 0.2

95/846
JAN 22 0846 18.7s 37.25S 177.03E 164km M=3.8
0.8 0.05 0.02 7
Rsd 0.2s 23ph/20stn Dmin 79km Az.gap 228°
Corr. 0.413 17M/15stn Msd 0.2 1↑

95/851
JAN 22 1006 29.3s 37.26S 177.45E 24km M=3.7
0.6 0.05 0.01 4
Rsd 0.4s 17ph/14stn Dmin 37km Az.gap 174°
Corr. -0.027 26M/23stn Msd 0.2 1↑

95/854
JAN 22 1137 34.5s 37.03S 177.31E 12km M=3.7
0.3 0.03 0.01 R
Rsd 0.1s 5ph/4stn Dmin 108km Az.gap 248°
Corr. 0.633 6M/4stn Msd 0.5

95/855
JAN 22 1157 59.0s 36.93S 176.88E 165km M=3.8
0.7 0.09 0.17 23
Rsd 0.3s 11ph/6stn Dmin 146km Az.gap 280°
Corr. -0.933 3M/3stn Msd 0.2

95/858
JAN 22 1256 58.3s 37.09S 177.56E 12km M=3.6
0.3 0.03 0.02 R
Rsd 0.3s 6ph/5stn Dmin 87km Az.gap 198°
Corr. 0.618 6M/5stn Msd 0.4

95/861
JAN 22 1438 32.6s 42.99S 171.49E 5km M=3.9
0.1 0.01 0.01 R
Rsd 0.1s 13ph/8stn Dmin 62km Az.gap 125°
Corr. -0.569 8M/4stn Msd 0.1 2↑ 1↓
Felt Arthur's Pass (93) MM4.

95/895
JAN 23 0924 37.0s 36.12S 176.02E 33km M=4.2
2.4 0.18 0.08 R
Rsd 0.8s 10ph/8stn Dmin 294km Az.gap 302°
Corr. -0.157 5M/5stn Msd 0.5

95/906
JAN 23 1432 55.8s 45.16S 167.35E 76km M=4.2
0.2 0.01 0.01 2
Rsd 0.1s 17ph/14stn Dmin 70km Az.gap 237°
Corr. 0.045 19M/12stn Msd 0.3 2↓
Felt Manapouri (139) MM4.

95/912
JAN 23 1813 33.6s 35.96S 177.67E 12km M=4.5
0.9 0.06 0.06 R
Rsd 0.4s 11ph/7stn Dmin 190km Az.gap 317°
Corr. 0.058 12M/10stn Msd 0.2

95/938
JAN 24 1503 09.8s 38.38S 175.52E 261km M=3.5
0.5 0.07 0.08 10
Rsd 0.2s 16ph/13stn Dmin 242km Az.gap 212°
Corr. -0.978 12M/12stn Msd 0.2

95/948
JAN 25 0045 28.2s 37.65S 176.53E 306km M=3.6
1.9 0.20 0.32 26
Rsd 0.4s 9ph/9stn Dmin 142km Az.gap 241°
Corr. -0.944 9M/9stn Msd 0.3

95/962
JAN 25 0728 25.5s 37.29S 177.18E 12km M=3.5
0.4 0.04 0.03 R
Rsd 0.7s 11ph/8stn Dmin 27km Az.gap 176°
Corr. 0.436 14M/12stn Msd 0.3 1↑

95/965
JAN 25 1029 06.0s 40.25S 173.69E 199km M=4.1
0.4 0.01 0.02 3
Rsd 0.2s 39ph/31stn Dmin 64km Az.gap 149°
Corr. -0.020 23M/20stn Msd 0.3 2↑ 7↓

95/984
JAN 25 2238 56.6s 39.59S 174.20E 184km M=3.8
0.5 0.01 0.03 5
Rsd 0.2s 27ph/23stn Dmin 119km Az.gap 165°
Corr. -0.307 20M/19stn Msd 0.3 2↑ 1↓

95/985
JAN 25 2251 53.7s 42.48S 172.99E 50km M=3.7
0.3 0.02 0.01 4
Rsd 0.2s 20ph/15stn Dmin 46km Az.gap 132°
Corr. -0.433 15M/13stn Msd 0.2 4↑ 1↓

95/994
JAN 26 0319 55.5s 44.05S 167.94E 5km M=4.0
0.7 0.02 0.04 R
Rsd 0.2s 16ph/14stn Dmin 70km Az.gap 231°
Corr. -0.795 29M/23stn Msd 0.2 1↓

95/997
JAN 26 0519 33.6s 38.04S 176.23E 211km M=3.6
1.0 0.07 0.09 10
Rsd 0.4s 13ph/11stn Dmin 116km Az.gap 225°
Corr. -0.556 12M/12stn Msd 0.2

95/1009
JAN 26 1731 23.4s 38.45S 176.02E 168km M=3.5
0.6 0.03 0.02 5
Rsd 0.1s 12ph/9stn Dmin 74km Az.gap 263°
Corr. 0.390 9M/9stn Msd 0.2

95/1014
JAN 26 1921 45.4s 38.12S 176.42E 150km M=4.0
0.3 0.02 0.01 3
Rsd 0.2s 23ph/18stn Dmin 25km Az.gap 97°
Corr. -0.331 21M/19stn Msd 0.2 1↓

95/1016
JAN 26 2032 43.3s 38.43S 175.97E 162km M=5.3
0.2 0.01 0.01 2
Rsd 0.2s 68ph/58stn Dmin 13km Az.gap 58°
Corr. 0.043 18M/12stn Msd 0.4 4↑ 9↓
Felt Tauranga (26) and Hastings (60).

95/1019
JAN 26 2104 46.8s 40.32S 173.47E 175km M=4.0
0.3 0.01 0.01 3
Rsd 0.2s 36ph/26stn Dmin 65km Az.gap 159°
Corr. -0.194 18M/15stn Msd 0.2 7↑ 3↓

95/1021
JAN 26 2149 43.5s 37.50S 176.43E 267km M=3.8
1.2 0.18 0.25 24
Rsd 0.4s 9ph/6stn Dmin 160km Az.gap 262°
Corr. -0.962 5M/5stn Msd 0.1

95/1025
JAN 27 0119 43.4s 39.73S 174.19E 180km M=3.8
0.4 0.01 0.03 4
Rsd 0.3s 29ph/22stn Dmin 50km Az.gap 112°
Corr. -0.194 17M/14stn Msd 0.3 1↓

95/1028
JAN 27 0501 36.7s 45.03S 167.50E 94km M=3.6
0.2 0.01 0.01 2
Rsd 0.1s 17ph/14stn Dmin 52km Az.gap 234°
Corr. -0.268 19M/15stn Msd 0.2 1↓

95/1030
JAN 27 0518 05.8s 37.35S 176.70E 225km M=4.0
0.4 0.01 0.01 4
Rsd 0.1s 17ph/15stn Dmin 77km Az.gap 155°
Corr. 0.123 17M/16stn Msd 0.3

95/1051
JAN 27 1614 58.9s 40.25S 174.95E 97km M=3.7
0.3 0.01 0.01 4
Rsd 0.3s 35ph/30stn Dmin 50km Az.gap 84°
Corr. -0.142 16M/13stn Msd 0.2 1↑

95/1053
JAN 27 1654 06.9s 37.56S 178.43E 47km M=4.0
0.3 0.02 0.02 4
Rsd 0.1s 15ph/13stn Dmin 12km Az.gap 260°
Corr. 0.349 5M/3stn Msd 0.3 1↑

95/1068
JAN 28 0307 28.6s 37.27S 177.60E 140km M=3.9
0.8 0.08 0.03 7
Rsd 0.3s 13ph/11stn Dmin 106km Az.gap 258°
Corr. 0.030 14M/12stn Msd 0.2 1↓

95/1080
JAN 28 0837 57.4s 39.30S 175.14E 135km M=3.6
0.3 0.01 0.01 3
Rsd 0.2s 32ph/27stn Dmin 36km Az.gap 120°
Corr. 0.356 17M/15stn Msd 0.3 1↓

95/1083
JAN 28 0948 51.1s 39.22S 174.79E 228km M=3.8
0.8 0.03 0.03 7
Rsd 0.2s 22ph/19stn Dmin 65km Az.gap 207°
Corr. -0.375 16M/16stn Msd 0.3 1↑

95/1084
JAN 28 0958 10.2s 41.54S 173.00E 89km M=3.9
0.3 0.02 0.02 3
Rsd 0.3s 26ph/19stn Dmin 27km Az.gap 124°
Corr. -0.554 18M/14stn Msd 0.2 1↑ 6↓

95/1096
JAN 28 1233 55.3s 38.15S 176.27E 152km M=3.5
0.8 0.04 0.05 6
Rsd 0.2s 11ph/8stn Dmin 32km Az.gap 281°
Corr. -0.139 9M/9stn Msd 0.2

95/1100
JAN 28 1408 26.7s 37.99S 176.16E 211km M=4.3
0.4 0.02 0.02 3
Rsd 0.2s 27ph/23stn Dmin 30km Az.gap 169°
Corr. -0.190 19M/17stn Msd 0.2 3↑ 1↓

95/1104
JAN 28 1558 35.5s 40.06S 173.61E 195km M=3.8
0.5 0.02 0.04 6
Rsd 0.2s 25ph/20stn Dmin 86km Az.gap 195°
Corr. -0.650 15M/15stn Msd 0.2 1↑ 1↓

95/1122
JAN 29 0050 12.1s 38.63S 176.07E 2km M=3.2
0.1 0.01 0.01 R
Rsd 0.3s 33ph/30stn Dmin 18km Az.gap 103°
Corr. -0.523 23M/13stn Msd 0.2 1↓
Felt Oruanui (41).

95/1142
JAN 29 0638 56.7s 37.24S 176.88E 222km M=4.5
0.5 0.03 0.02 4
Rsd 0.1s 40ph/36stn Dmin 42km Az.gap 182°
Corr. 0.174 23M/19stn Msd 0.2 1↓

95/1150
JAN 29 1447 03.1s 36.61S 177.78E 131km M=3.9
0.6 0.05 0.03 8
Rsd 0.3s 23ph/20stn Dmin 168km Az.gap 291°
Corr. 0.483 17M/15stn Msd 0.3 1↑ 2↓

95/1174
JAN 30 0856 48.6s 45.02S 167.53E 94km M=3.5
0.2 0.01 0.01 2
Rsd 0.1s 18ph/14stn Dmin 49km Az.gap 233°
Corr. -0.313 17M/15stn Msd 0.1 1↑

95/1177
JAN 30 1118 27.6s 42.27S 173.07E 57km M=3.7
0.2 0.01 0.01 2
Rsd 0.2s 21ph/16stn Dmin 42km Az.gap 99°
Corr. -0.154 19M/16stn Msd 0.2 1↑ 1↓

95/1189
JAN 30 1627 33.4s 40.45S 174.70E 87km M=4.4
0.2 0.01 0.01 3
Rsd 0.2s 45ph/37stn Dmin 49km Az.gap 93°
Corr. -0.002 22M/16stn Msd 0.2 4↑ 4↓

95/1193
JAN 30 2209 35.6s 36.12S 179.02E 127km M=4.5
0.5 0.04 0.03 8
Rsd 0.2s 37ph/34stn Dmin 226km Az.gap 276°
Corr. 0.651 22M/18stn Msd 0.3 1↑ 2↓

95/1196
JAN 30 2257 19.5s 41.51S 172.41E 115km M=3.5
0.3 0.01 0.01 3
Rsd 0.2s 18ph/13stn Dmin 50km Az.gap 177°
Corr. -0.331 12M/12stn Msd 0.3

95/1200
JAN 31 0005 35.4s 43.04S 171.38E 1km M=3.4
0.2 0.01 0.01 1
Rsd 0.1s 20ph/16stn Dmin 53km Az.gap 137°
Corr. -0.668 20M/18stn Msd 0.2 2↑ 1↓
Felt Arthur's Pass (93) MM4.

95/1216
JAN 31 1026 36.6s 38.25S 176.10E 159km M=4.3
0.2 0.01 0.01 2
Rsd 0.2s 50ph/45stn Dmin 9km Az.gap 58°
Corr. -0.084 20M/17stn Msd 0.2 2↑

95/1243
JAN 31 2038 10.3s 37.41S 179.45E 168km M=3.8
0.3 0.02 0.02 5
Rsd 0.1s 8ph/6stn Dmin 241km Az.gap 323°
Corr. -0.431 4M/4stn Msd 0.1

95/1247
JAN 31 2223 41.6s 43.05S 171.38E 5km M=3.7
0.1 0.01 0.01 R
Rsd 0.1s 14ph/9stn Dmin 52km Az.gap 126°
Corr. -0.641 36M/30stn Msd 0.3 1↓

95/1254
FEB 01 0152 01.6s 39.53S 175.01E 107km M=4.4
0.2 0.01 0.01 3
Rsd 0.2s 45ph/39stn Dmin 30km Az.gap 65°
Corr. -0.043 19M/16stn Msd 0.2 6↑ 5↓

95/1261
FEB 01 0355 35.8s 37.20S 177.41E 12km M=3.9
0.3 0.03 0.02 R
Rsd 0.4s 8ph/7stn Dmin 41km Az.gap 192°
Corr. 0.407 7M/5stn Msd 0.5 1↓

95/1265
FEB 01 0840 30.1s 38.53S 176.23E 102km M=3.9
0.3 0.01 0.01 2
Rsd 0.2s 49ph/44stn Dmin 7km Az.gap 42°
Corr. -0.250 18M/16stn Msd 0.3 6↑ 4↓

95/1286
FEB 01 1803 29.3s 38.11S 176.03E 197km M=4.2
0.5 0.02 0.02 4
Rsd 0.2s 38ph/33stn Dmin 16km Az.gap 90°
Corr. -0.165 20M/18stn Msd 0.1 1↑

95/1287
FEB 01 1933 46.3s 45.53S 165.60E 33km M=3.5
0.4 0.03 0.02 R
Rsd 0.1s 15ph/12stn Dmin 187km Az.gap 336°
Corr. 0.201 14M/12stn Msd 0.1

95/1293
FEB 02 0022 08.6s 36.34S 177.86E 239km M=4.4
3.4 0.14 0.07 24
Rsd 0.2s 11ph/9stn Dmin 145km Az.gap 295°
Corr. 0.726 18M/18stn Msd 0.3

95/1297
FEB 02 0209 52.6s 42.43S 173.01E 51km M=3.8
0.2 0.01 0.01 3
Rsd 0.2s 21ph/15stn Dmin 43km Az.gap 124°
Corr. -0.372 17M/14stn Msd 0.2 2↑ 1↓

95/1313
FEB 02 1434 39.6s 37.32S 177.51E 28km M=4.2
0.6 0.04 0.02 7
Rsd 0.3s 30ph/27stn Dmin 37km Az.gap 177°
Corr. 0.026 22M/11stn Msd 0.2 3↑ 1↓

95/1332
FEB 03 0302 12.3s 38.46S 175.48E 162km M=3.5
0.6 0.13 0.19 24
Rsd 0.3s 10ph/8stn Dmin 157km Az.gap 304°
Corr. -0.937 6M/5stn Msd 0.2

95/1368
FEB 03 2015 57.4s 38.73S 175.87E 142km M=3.6
0.9 0.04 0.07 9
Rsd 0.2s 12ph/11stn Dmin 41km Az.gap 155°
Corr. 0.772 15M/14stn Msd 0.2 2↑ 1↓

95/1375
FEB 03 2149 47.0s 37.81S 177.01E 124km M=3.5
0.3 0.02 0.01 3
Rsd 0.1s 13ph/10stn Dmin 28km Az.gap 215°
Corr. -0.253 8M/8stn Msd 0.1 2↑ 1↓

95/1381
FEB 04 0427 28.0s 38.57S 175.54E 143km M=3.7
0.8 0.07 0.07 18
Rsd 0.4s 18ph/16stn Dmin 203km Az.gap 228°
Corr. -0.763 9M/9stn Msd 0.3

95/1388
FEB 04 0838 34.3s 43.20S 171.50E 5km M=4.1
0.2 0.02 0.01 R
Rsd 0.2s 11ph/8stn Dmin 63km Az.gap 135°
Corr. -0.551 9M/5stn Msd 0.1

95/1390
FEB 04 0909 03.5s 43.24S 171.53E 15km M=3.7
0.1 0.01 0.01 1
Rsd 0.1s 12ph/8stn Dmin 63km Az.gap 137°
Corr. -0.727 27M/20stn Msd 0.3 1↑ 1↓

95/1402
FEB 04 1525 30.7s 37.23S 179.81E 33km M=4.3
0.4 0.02 0.03 R
Rsd 0.1s 26ph/25stn Dmin 140km Az.gap 317°
Corr. 0.227 12M/8stn Msd 0.1 2↑ 4↓

95/1439
FEB 05 0537 59.5s 36.82S 179.24W 160km M=4.3
0.5 0.12 0.17 18
Rsd 0.2s 8ph/6stn Dmin 235km Az.gap 333°
Corr. -0.952 7M/4stn Msd 0.2

95/1440
FEB 05 0656 18.0s 45.43S 167.12E 62km M=3.6
0.3 0.01 0.02 4
Rsd 0.1s 15ph/12stn Dmin 83km Az.gap 268°
Corr. 0.066 19M/15stn Msd 0.3 2↑ 1↓

95/1463
FEB 05 2251 02.3s 37.65S 179.49E 12km M=7.0
0.4 0.02 0.03 R
Rsd 0.2s 51ph/49stn Dmin 105km Az.gap 284°
Corr. 0.576 55M/29stn Msd 0.3 6↑ 7↓
Felt Auckland (16) to Chatham Island (159), max. intensity MM6 at Tokomaru Bay (37).

95/1464
FEB 05 2254 55.7s 37.68S 179.32E 12km M=4.4
0.4 0.04 0.03 R
Rsd 0.1s 17ph/15stn Dmin 90km Az.gap 291°
Corr. -0.843 59M/59stn Msd 0.3

95/1465
FEB 05 2256 20.8s 37.76S 179.51E 12km M=4.2
0.7 0.03 0.04 R
Rsd 0.2s 10ph/7stn Dmin 108km Az.gap 301°
Corr. 0.094 29M/29stn Msd 0.2

95/1466
FEB 05 2257 49.6s 37.82S 179.39E 12km M=4.1
1.1 0.05 0.07 R
Rsd 0.4s 11ph/8stn Dmin 99km Az.gap 293°
Corr. 0.201 38M/38stn Msd 0.3

95/1467
FEB 05 2259 12.6s 37.67S 179.32E 12km M=4.2
1.0 0.05 0.06 R
Rsd 0.3s 10ph/7stn Dmin 90km Az.gap 291°
Corr. -0.058 54M/54stn Msd 0.3

95/1468
FEB 05 2300 29.9s 37.54S 179.31E 12km M=4.0
1.5 0.05 0.09 R
Rsd 0.4s 10ph/6stn Dmin 89km Az.gap 296°
Corr. -0.063 30M/30stn Msd 0.3

95/1469
FEB 05 2301 31.0s 37.75S 179.29E 12km M=4.0
0.7 0.03 0.04 R
Rsd 0.2s 11ph/10stn Dmin 89km Az.gap 290°
Corr. 0.400 34M/34stn Msd 0.3

95/1470
FEB 05 2303 28.8s 37.57S 179.22E 12km M=5.0
0.5 0.02 0.04 R
Rsd 0.1s 30ph/28stn Dmin 81km Az.gap 285°
Corr. -0.388 14M/8stn Msd 0.2 1↓

95/1471
FEB 05 2304 36.7s 37.60S 179.38E 12km M=4.4
0.4 0.02 0.02 R
Rsd 0.1s 23ph/21stn Dmin 95km Az.gap 285°
Corr. 0.104 50M/48stn Msd 0.4

95/1472
FEB 05 2306 25.4s 37.66S 179.12E 12km M=4.0
0.9 0.04 0.05 R
Rsd 0.4s 9ph/8stn Dmin 73km Az.gap 297°
Corr. 0.258 35M/33stn Msd 0.3

95/1473
FEB 05 2307 03.7s 37.79S 179.24E 12km M=4.1
1.8 0.08 0.10 R
Rsd 0.7s 5ph/3stn Dmin 85km Az.gap 305°
Corr. -0.325 17M/15stn Msd 0.4

95/1474
FEB 05 2307 33.9s 37.83S 179.42E 12km M=4.5
0.5 0.05 0.02 R
Rsd 0.1s 9ph/6stn Dmin 106km Az.gap 325°
Corr. -0.040 25M/23stn Msd 0.4

95/1475
FEB 05 2309 05.8s 38.04S 179.55E 12km M=4.0
1.8 0.08 0.11 R
Rsd 0.6s 7ph/5stn Dmin 114km Az.gap 294°
Corr. -0.215 13M/11stn Msd 0.5

95/1476
FEB 05 2309 41.0s 37.86S 179.47E 12km M=4.3
0.9 0.04 0.05 R
Rsd 0.3s 11ph/9stn Dmin 107km Az.gap 295°
Corr. 0.208 28M/26stn Msd 0.4

95/1477
FEB 05 2310 49.4s 37.78S 179.30E 12km M=4.1
0.2 0.01 0.01 R
Rsd 0.1s 7ph/6stn Dmin 90km Az.gap 300°
Corr. 0.096 13M/11stn Msd 0.4

95/1478
FEB 05 2312 10.7s 37.72S 179.34E 12km M=5.1
0.5 0.02 0.04 R
Rsd 0.2s 39ph/35stn Dmin 92km Az.gap 290°
Corr. 0.506 41M/22stn Msd 0.2 1↓

95/1479
FEB 05 2314 45.8s 37.71S 179.22E 12km M=4.3
0.1 0.00 0.00 R
Rsd 0.0s 4ph/3stn Dmin 82km Az.gap 307°
Corr. 0.121 5M/3stn Msd 0.4

95/1480
FEB 05 2315 54.8s 37.71S 179.26E 12km M=4.7
0.2 0.01 0.01 R
Rsd 0.2s 10ph/7stn Dmin 86km Az.gap 283°
Corr. -0.020 25M/22stn Msd 0.3

95/1481
FEB 05 2317 20.3s 37.60S 179.39E 12km M=5.7
0.2 0.02 0.02 R
Rsd 0.2s 36ph/33stn Dmin 96km Az.gap 287°
Corr. -0.292 49M/25stn Msd 0.2

95/1482
FEB 05 2318 18.0s 37.67S 179.11E 12km M=5.0
0.9 0.04 0.04 R
Rsd 0.4s 13ph/8stn Dmin 71km Az.gap 293°
Corr. 0.095 11M/6stn Msd 0.5

95/1483
FEB 05 2319 25.2s 37.52S 179.27E 12km M=5.1
0.5 0.03 0.04 R
Rsd 0.3s 24ph/17stn Dmin 86km Az.gap 291°
Corr. -0.630 8M/5stn Msd 0.3

95/1484
FEB 05 2320 07.3s 37.53S 179.22E 12km M=4.8
0.5 0.03 0.03 R
Rsd 0.3s 13ph/10stn Dmin 82km Az.gap 288°
Corr. -0.289 11M/7stn Msd 0.2

95/1485
FEB 05 2320 22.7s 37.61S 179.33E 12km M=5.0
0.7 0.04 0.05 R
Rsd 0.3s 16ph/14stn Dmin 91km Az.gap 284°
Corr. 0.011 18M/10stn Msd 0.2

95/1486
FEB 05 2321 53.4s 37.69S 179.45E 12km M=4.3
0.4 0.03 0.02 R
Rsd 0.2s 13ph/10stn Dmin 102km Az.gap 296°
Corr. -0.300 11M/9stn Msd 0.4

95/1487
FEB 05 2323 21.1s 37.64S 179.36E 12km M=5.6
0.2 0.02 0.02 R
Rsd 0.2s 37ph/34stn Dmin 94km Az.gap 286°
Corr. -0.084 43M/22stn Msd 0.2 1↑

95/1488
FEB 05 2325 08.7s 37.69S 179.37E 12km M=4.5
0.6 0.02 0.03 R
Rsd 0.3s 8ph/4stn Dmin 95km Az.gap 306°
Corr. -0.304 5M/3stn Msd 0.2

95/1489
FEB 05 2325 22.1s 37.29S 179.07E 12km M=4.5
0.8 0.05 0.04 R
Rsd 0.4s 8ph/4stn Dmin 76km Az.gap 328°
Corr. -0.244 5M/3stn Msd 0.4

95/1490
FEB 05 2326 28.7s 37.52S 179.36E 12km M=5.0
0.3 0.03 0.02 R
Rsd 0.2s 21ph/17stn Dmin 94km Az.gap 290°
Corr. -0.335 12M/6stn Msd 0.2

95/1491
FEB 05 2327 11.8s 37.67S 179.35E 12km M=5.1
0.5 0.03 0.02 R
Rsd 0.2s 10ph/7stn Dmin 93km Az.gap 286°
Corr. -0.280 9M/5stn Msd 0.3

95/1492
FEB 05 2328 30.8s 37.56S 179.33E 12km M=4.6
1.3 0.05 0.08 R
Rsd 0.6s 10ph/7stn Dmin 91km Az.gap 295°
Corr. -0.365 8M/5stn Msd 0.4

95/1493
FEB 05 2329 01.6s 37.73S 179.40E 12km M=4.7
0.3 0.02 0.02 R
Rsd 0.1s 13ph/11stn Dmin 98km Az.gap 287°
Corr. -0.057 22M/17stn Msd 0.4

95/1494
FEB 05 2330 17.1s 37.72S 179.42E 12km M=4.0
0.5 0.02 0.03 R
Rsd 0.2s 10ph/7stn Dmin 99km Az.gap 290°
Corr. -0.607 10M/8stn Msd 0.4

95/1495
FEB 05 2330 27.4s 37.59S 179.21E 12km M=4.6
0.5 0.03 0.03 R
Rsd 0.2s 11ph/7stn Dmin 80km Az.gap 288°
Corr. -0.462 25M/19stn Msd 0.3

95/1496
FEB 05 2331 24.9s 37.66S 179.39E 12km M=4.4
1.5 0.07 0.07 R
Rsd 0.7s 8ph/4stn Dmin 97km Az.gap 308°
Corr. -0.056 5M/3stn Msd 0.6

95/1497
FEB 05 2331 50.9s 37.72S 179.42E 12km M=4.9
0.2 0.02 0.02 R
Rsd 0.1s 16ph/13stn Dmin 100km Az.gap 291°
Corr. -0.159 10M/6stn Msd 0.3

95/1498
FEB 05 2332 36.4s 37.53S 179.54E 12km M=5.5
0.5 0.04 0.04 R
Rsd 0.2s 17ph/14stn Dmin 109km Az.gap 289°
Corr. -0.495 14M/7stn Msd 0.3

95/1499
FEB 05 2333 44.7s 37.55S 179.49E 12km M=5.0
0.5 0.03 0.03 R
Rsd 0.2s 13ph/10stn Dmin 105km Az.gap 301°
Corr. -0.241 9M/7stn Msd 0.3

95/1500
FEB 05 2338 57.3s 37.51S 179.27E 12km M=4.6
0.4 0.02 0.02 R
Rsd 0.2s 25ph/19stn Dmin 86km Az.gap 283°
Corr. 0.109 17M/9stn Msd 0.4

95/1501
FEB 05 2343 10.2s 37.73S 179.44E 15km M=5.7
0.6 0.02 0.03 2
Rsd 0.2s 49ph/45stn Dmin 101km Az.gap 287°
Corr. 0.529 53M/28stn Msd 0.3 1↑

95/1502
FEB 05 2344 20.6s 37.93S 179.44E 12km M=4.4
1.0 0.04 0.06 R
Rsd 0.4s 16ph/12stn Dmin 105km Az.gap 292°
Corr. 0.190 25M/25stn Msd 0.6

95/1503
FEB 05 2345 05.6s 37.67S 179.31E 12km M=5.0
0.3 0.01 0.02 R
Rsd 0.2s 30ph/26stn Dmin 89km Az.gap 284°
Corr. 0.213 22M/12stn Msd 0.2

95/1504
FEB 05 2346 25.3s 37.56S 179.32E 12km M=5.1
0.3 0.02 0.02 R
Rsd 0.2s 36ph/29stn Dmin 90km Az.gap 284°
Corr. -0.079 25M/13stn Msd 0.3

95/1505
FEB 05 2347 07.5s 37.67S 179.45E 12km M=4.6
1.4 0.07 0.09 R
Rsd 0.4s 12ph/10stn Dmin 102km Az.gap 305°
Corr. -0.135 41M/37stn Msd 0.3

95/1506
FEB 05 2348 23.8s 37.65S 179.32E 12km M=4.1
0.9 0.04 0.06 R
Rsd 0.4s 10ph/7stn Dmin 90km Az.gap 305°
Corr. -0.052 20M/17stn Msd 0.3

95/1507
FEB 05 2349 13.2s 37.66S 179.31E 12km M=4.0
0.8 0.04 0.05 R
Rsd 0.3s 7ph/6stn Dmin 89km Az.gap 302°
Corr. 0.293 6M/4stn Msd 0.2

95/1508
FEB 05 2350 56.2s 37.45S 179.37E 12km M=4.8
0.5 0.03 0.03 R
Rsd 0.2s 11ph/9stn Dmin 96km Az.gap 314°
Corr. 0.467 22M/18stn Msd 0.4

95/1509
FEB 05 2353 00.4s 37.77S 179.30E 12km M=5.3
0.6 0.03 0.04 R
Rsd 0.2s 37ph/30stn Dmin 90km Az.gap 285°
Corr. 0.576 26M/13stn Msd 0.2

95/1510
FEB 05 2353 20.7s 37.64S 179.34E 12km M=5.5
0.4 0.02 0.02 R
Rsd 0.2s 32ph/26stn Dmin 91km Az.gap 285°
Corr. 0.150 28M/15stn Msd 0.3

95/1511
FEB 05 2354 19.4s 37.61S 179.41E 12km M=4.6
0.7 0.03 0.04 R
Rsd 0.3s 16ph/15stn Dmin 98km Az.gap 292°
Corr. 0.361 7M/6stn Msd 0.4

95/1512
FEB 05 2355 07.5s 37.78S 179.53E 12km M=4.2
0.7 0.04 0.04 R
Rsd 0.3s 12ph/11stn Dmin 110km Az.gap 304°
Corr. 0.022 8M/6stn Msd 0.3

95/1513
FEB 05 2355 52.1s 37.65S 179.46E 12km M=4.0
0.4 0.02 0.02 R
Rsd 0.1s 10ph/9stn Dmin 102km Az.gap 316°
Corr. 0.173 5M/3stn Msd 0.2

95/1514
FEB 05 2357 03.9s 37.82S 179.51E 12km M=4.4
0.8 0.05 0.04 R
Rsd 0.4s 5ph/3stn Dmin 109km Az.gap 312°
Corr. -0.055 5M/3stn Msd 0.4

95/1515
FEB 05 2357 12.9s 37.80S 179.52E 12km M=4.6
0.4 0.03 0.02 R
Rsd 0.1s 4ph/3stn Dmin 110km Az.gap 314°
Corr. -0.150 5M/3stn Msd 0.4

95/1516
FEB 05 2358 36.8s 37.61S 179.29E 12km M=4.3
0.1 0.01 0.01 R
Rsd 0.0s 4ph/3stn Dmin 87km Az.gap 314°
Corr. -0.228 5M/3stn Msd 0.5

95/1517
FEB 06 0000 04.3s 37.56S 179.33E 12km M=4.2
0.2 0.02 0.02 R
Rsd 0.1s 6ph/5stn Dmin 110km Az.gap 322°
Corr. -0.445 8M/5stn Msd 0.4

95/1518
FEB 06 0001 33.7s 37.67S 179.09E 12km M=4.2
1.2 0.05 0.08 R
Rsd 0.7s 6ph/4stn Dmin 70km Az.gap 288°
Corr. 0.062 6M/4stn Msd 0.2

95/1519
FEB 06 0001 52.8s 37.74S 179.22E 12km M=4.5
1.8 0.06 0.11 R
Rsd 0.4s 8ph/6stn Dmin 83km Az.gap 295°
Corr. -0.462 5M/3stn Msd 0.6

95/1520
FEB 06 0002 41.4s 37.72S 179.37E 12km M=5.3
0.6 0.03 0.04 R
Rsd 0.2s 37ph/32stn Dmin 96km Az.gap 286°
Corr. 0.442 38M/19stn Msd 0.3 1↓

95/1521
FEB 06 0004 43.8s 37.72S 179.50E 12km M=3.9
0.6 0.03 0.04 R
Rsd 0.2s 7ph/5stn Dmin 106km Az.gap 296°
Corr. -0.635 3M/3stn Msd 0.4

95/1522
FEB 06 0008 33.7s 37.60S 179.36E 12km M=4.8
0.2 0.02 0.02 R
Rsd 0.2s 23ph/22stn Dmin 94km Az.gap 285°
Corr. -0.130 21M/11stn Msd 0.2

95/1523
FEB 06 0011 49.1s 37.66S 179.28E 12km M=4.6
0.4 0.03 0.03 R
Rsd 0.3s 23ph/19stn Dmin 87km Az.gap 283°
Corr. -0.066 20M/10stn Msd 0.4

95/1524
FEB 06 0014 41.7s 37.63S 179.39E 12km M=4.8
0.2 0.01 0.01 R
Rsd 0.2s 40ph/36stn Dmin 96km Az.gap 286°
Corr. 0.026 34M/18stn Msd 0.2 2↑ 1↓

95/1525
FEB 06 0015 25.2s 37.63S 179.33E 12km M=4.7
0.4 0.02 0.02 R
Rsd 0.2s 10ph/7stn Dmin 91km Az.gap 285°
Corr. -0.121 17M/13stn Msd 0.3

95/1526
FEB 06 0016 12.5s 37.55S 179.24E 12km M=4.4
0.9 0.05 0.07 R
Rsd 0.3s 10ph/8stn Dmin 83km Az.gap 285°
Corr. -0.697 7M/5stn Msd 0.5

95/1527
FEB 06 0017 05.6s 37.51S 179.16E 12km M=3.7
1.4 0.07 0.09 R
Rsd 0.6s 6ph/4stn Dmin 76km Az.gap 309°
Corr. -0.270 4M/2stn Msd 0.2

95/1528
FEB 06 0018 59.5s 37.66S 179.22E 12km M=3.9
0.5 0.02 0.03 R
Rsd 0.2s 5ph/3stn Dmin 81km Az.gap 309°
Corr. -0.353 5M/3stn Msd 0.3

95/1529
FEB 06 0020 53.0s 37.71S 179.21E 12km M=3.9
0.4 0.03 0.03 R
Rsd 0.2s 15ph/12stn Dmin 81km Az.gap 292°
Corr. -0.489 19M/14stn Msd 0.3

95/1530
FEB 06 0021 26.3s 37.83S 179.47E 12km M=3.9
0.8 0.07 0.05 R
Rsd 0.3s 5ph/3stn Dmin 106km Az.gap 336°
Corr. 0.117 2M/2stn Msd 0.1

95/1531
FEB 06 0022 50.7s 37.70S 179.34E 12km M=5.6
0.2 0.01 0.01 R
Rsd 0.2s 44ph/42stn Dmin 92km Az.gap 285°
Corr. -0.149 51M/26stn Msd 0.2 1↓
Felt Ormond (44) MM3.

95/1532
FEB 06 0026 36.6s 37.51S 179.39E 12km M=4.3
0.5 0.03 0.04 R
Rsd 0.2s 10ph/8stn Dmin 118km Az.gap 306°
Corr. -0.667 8M/6stn Msd 0.5

95/1533
FEB 06 0028 46.3s 37.60S 179.41E 12km M=4.7
0.4 0.02 0.03 R
Rsd 0.2s 31ph/28stn Dmin 98km Az.gap 286°
Corr. 0.356 23M/12stn Msd 0.3 1↑

95/1534
FEB 06 0030 14.9s 37.72S 179.45E 12km M=3.8
0.5 0.03 0.03 R
Rsd 0.2s 15ph/14stn Dmin 102km Az.gap 293°
Corr. -0.036 8M/7stn Msd 0.2

95/1535
FEB 06 0030 47.0s 37.65S 179.35E 12km M=4.4
0.3 0.02 0.02 R
Rsd 0.1s 11ph/10stn Dmin 93km Az.gap 290°
Corr. -0.269 11M/7stn Msd 0.2

95/1536
FEB 06 0032 12.6s 37.57S 179.36E 12km M=3.6
0.4 0.02 0.03 R
Rsd 0.2s 8ph/7stn Dmin 94km Az.gap 317°
Corr. -0.206 4M/3stn Msd 0.4

95/1537
FEB 06 0032 39.8s 37.41S 179.24E 12km M=4.2
0.6 0.02 0.04 R
Rsd 0.2s 11ph/10stn Dmin 85km Az.gap 289°
Corr. -0.145 19M/14stn Msd 0.3 1↓

95/1538
FEB 06 0034 05.3s 38.04S 179.74E 12km M=4.0
1.1 0.07 0.07 R
Rsd 0.4s 7ph/6stn Dmin 130km Az.gap 315°
Corr. -0.117 6M/5stn Msd 0.3

95/1539
FEB 06 0034 56.2s 37.67S 179.33E 12km M=4.2
0.1 0.00 0.01 R
Rsd 0.0s 4ph/3stn Dmin 91km Az.gap 312°
Corr. -0.391 5M/3stn Msd 0.2

95/1540
FEB 06 0037 29.1s 37.68S 179.13E 12km M=4.0
0.5 0.03 0.03 R
Rsd 0.2s 13ph/11stn Dmin 74km Az.gap 280°
Corr. 0.170 23M/17stn Msd 0.2

95/1541
FEB 06 0038 40.9s 37.82S 179.28E 12km M=3.8
0.7 0.03 0.04 R
Rsd 0.3s 8ph/7stn Dmin 89km Az.gap 292°
Corr. 0.185 9M/7stn Msd 0.3

95/1542
FEB 06 0042 54.4s 37.60S 179.44E 12km M=4.2
0.4 0.03 0.02 R
Rsd 0.2s 16ph/14stn Dmin 101km Az.gap 287°
Corr. -0.173 8M/5stn Msd 0.3

95/1543
FEB 06 0043 45.5s 37.72S 179.33E 12km M=4.4
0.6 0.04 0.04 R
Rsd 0.3s 14ph/12stn Dmin 92km Az.gap 285°
Corr. -0.043 8M/4stn Msd 0.3
Felt Rukuhanga Stn (29).

95/1544
FEB 06 0044 39.6s 37.68S 179.30E 12km M=4.0
0.3 0.02 0.02 R
Rsd 0.1s 11ph/9stn Dmin 89km Az.gap 284°
Corr. 0.086 18M/16stn Msd 0.2

95/1545
FEB 06 0045 36.1s 37.57S 179.40E 12km M=3.9
0.2 0.02 0.01 R
Rsd 0.1s 10ph/10stn Dmin 97km Az.gap 308°
Corr. -0.085 17M/14stn Msd 0.3

95/1546
FEB 06 0047 13.8s 37.66S 179.35E 12km M=3.9
0.1 0.01 0.01 R
Rsd 0.1s 4ph/3stn Dmin 93km Az.gap 313°
Corr. 0.180 5M/3stn Msd 0.4

95/1547
FEB 06 0047 45.6s 37.72S 179.40E 12km M=5.0
0.3 0.02 0.02 R
Rsd 0.2s 39ph/34stn Dmin 98km Az.gap 287°
Corr. 0.161 43M/23stn Msd 0.3 1↑ 2↓

95/1548
FEB 06 0048 30.4s 37.73S 179.37E 12km M=4.9
0.4 0.02 0.02 R
Rsd 0.2s 24ph/21stn Dmin 95km Az.gap 290°
Corr. 0.170 15M/9stn Msd 0.2

95/1549
FEB 06 0052 13.4s 37.76S 179.40E 12km M=6.0
0.3 0.01 0.02 R
Rsd 0.1s 50ph/46stn Dmin 99km Az.gap 286°
Corr. 0.414 51M/26stn Msd 0.3 1↑ 3↓
Felt Rukuhanga Stn (29).

95/1550
FEB 06 0056 21.5s 37.84S 179.13E 12km M=3.9
0.7 0.04 0.05 R
Rsd 0.2s 28ph/25stn Dmin 78km Az.gap 281°
Corr. 0.756 34M/33stn Msd 0.2 1↑

95/1551
FEB 06 0057 46.6s 37.75S 179.31E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.2s 11ph/9stn Dmin 91km Az.gap 298°
Corr. 0.028 5M/3stn Msd 0.3

95/1552
FEB 06 0058 12.2s 37.68S 179.40E 12km M=4.0
0.4 0.02 0.02 R
Rsd 0.2s 14ph/12stn Dmin 97km Az.gap 286°
Corr. -0.084 16M/14stn Msd 0.3

95/1553
FEB 06 0058 43.0s 37.57S 179.28E 12km M=4.2
0.5 0.03 0.03 R
Rsd 0.2s 11ph/9stn Dmin 86km Az.gap 292°
Corr. -0.460 12M/8stn Msd 0.3

95/1554
FEB 06 0059 49.5s 37.62S 179.37E 12km M=4.6
0.4 0.02 0.02 R
Rsd 0.1s 12ph/11stn Dmin 94km Az.gap 285°
Corr. 0.261 28M/24stn Msd 0.4

95/1555
FEB 06 0100 36.6s 37.81S 179.33E 12km M=4.4
0.5 0.03 0.03 R
Rsd 0.3s 8ph/7stn Dmin 94km Az.gap 285°
Corr. 0.214 22M/19stn Msd 0.3

95/1556
FEB 06 0101 10.2s 37.72S 179.31E 12km M=4.2
0.6 0.03 0.03 R
Rsd 0.3s 10ph/8stn Dmin 90km Az.gap 299°
Corr. 0.026 11M/9stn Msd 0.2

95/1557
FEB 06 0102 52.6s 37.84S 179.47E 12km M=4.0
0.5 0.03 0.03 R
Rsd 0.2s 10ph/8stn Dmin 106km Az.gap 298°
Corr. 0.273 8M/6stn Msd 0.3

95/1558
FEB 06 0103 22.4s 37.59S 179.45E 12km M=4.0
0.4 0.03 0.03 R
Rsd 0.2s 9ph/8stn Dmin 101km Az.gap 308°
Corr. -0.016 10M/7stn Msd 0.2

95/1559
FEB 06 0105 12.8s 37.73S 179.38E 12km M=4.3
0.8 0.05 0.05 R
Rsd 0.3s 16ph/13stn Dmin 96km Az.gap 287°
Corr. -0.190 9M/5stn Msd 0.2

95/1560
FEB 06 0107 54.7s 37.64S 179.37E 12km M=4.9
0.6 0.03 0.04 R
Rsd 0.2s 24ph/22stn Dmin 95km Az.gap 286°
Corr. 0.137 22M/11stn Msd 0.3 1↓

95/1561
FEB 06 0110 49.5s 37.81S 179.31E 12km M=4.4
0.3 0.02 0.02 R
Rsd 0.1s 23ph/20stn Dmin 92km Az.gap 285°
Corr. 0.225 14M/7stn Msd 0.2

95/1562
FEB 06 0112 40.4s 37.82S 179.51E 12km M=3.9
1.1 0.06 0.06 R
Rsd 0.3s 7ph/6stn Dmin 109km Az.gap 298°
Corr. 0.378 9M/7stn Msd 0.4

95/1563
FEB 06 0116 02.8s 37.71S 179.31E 12km M=4.4
0.8 0.04 0.05 R
Rsd 0.2s 14ph/11stn Dmin 90km Az.gap 299°
Corr. 0.250 34M/27stn Msd 0.3

95/1564
FEB 06 0117 19.7s 37.78S 179.42E 12km M=4.1
0.3 0.02 0.02 R
Rsd 0.1s 11ph/8stn Dmin 101km Az.gap 287°
Corr. 0.246 17M/13stn Msd 0.3

95/1565
FEB 06 0119 46.4s 37.65S 179.21E 12km M=4.5
0.6 0.03 0.04 R
Rsd 0.2s 28ph/26stn Dmin 81km Az.gap 282°
Corr. 0.457 20M/11stn Msd 0.2 1↓

95/1566
FEB 06 0121 08.9s 37.68S 179.44E 12km M=3.9
1.3 0.06 0.07 R
Rsd 0.4s 7ph/5stn Dmin 101km Az.gap 307°
Corr. -0.362 20M/18stn Msd 0.3

95/1567
FEB 06 0122 28.0s 37.78S 179.33E 12km M=3.8
0.8 0.04 0.05 R
Rsd 0.4s 7ph/5stn Dmin 93km Az.gap 308°
Corr. -0.259 5M/3stn Msd 0.3

95/1568
FEB 06 0123 14.2s 37.68S 179.31E 12km M=4.2
0.9 0.03 0.05 R
Rsd 0.3s 6ph/4stn Dmin 90km Az.gap 305°
Corr. 0.000 5M/3stn Msd 0.3

95/1569
FEB 06 0127 06.5s 37.61S 179.21E 12km M=3.7
0.2 0.01 0.01 R
Rsd 0.1s 5ph/3stn Dmin 80km Az.gap 311°
Corr. -0.318 6M/4stn Msd 0.2

95/1570
FEB 06 0128 34.6s 37.66S 179.25E 12km M=4.8
0.3 0.02 0.02 R
Rsd 0.2s 28ph/23stn Dmin 84km Az.gap 283°
Corr. 0.116 21M/11stn Msd 0.2

95/1571
FEB 06 0130 22.9s 37.69S 179.31E 12km M=4.7
0.3 0.02 0.02 R
Rsd 0.1s 24ph/20stn Dmin 89km Az.gap 284°
Corr. -0.164 13M/7stn Msd 0.3 1↓

95/1572
FEB 06 0132 33.2s 37.78S 179.40E 12km M=4.2
1.0 0.05 0.06 R
Rsd 0.4s 4ph/3stn Dmin 99km Az.gap 303°
Corr. -0.031 4M/2stn Msd 0.2

95/1573
FEB 06 0136 18.6s 37.49S 179.35E 12km M=4.4
0.3 0.02 0.02 R
Rsd 0.2s 25ph/19stn Dmin 93km Az.gap 285°
Corr. 0.119 12M/6stn Msd 0.2 1↓

95/1574
FEB 06 0136 34.3s 37.68S 179.30E 12km M=4.4
0.3 0.02 0.02 R
Rsd 0.2s 19ph/13stn Dmin 89km Az.gap 284°
Corr. 0.312 12M/7stn Msd 0.2

95/1575
FEB 06 0137 13.9s 37.75S 179.63E 12km M=4.2
1.6 0.09 0.11 R
Rsd 0.8s 8ph/7stn Dmin 119km Az.gap 296°
Corr. 0.080 6M/4stn Msd 0.2

95/1576
FEB 06 0137 50.7s 37.53S 179.46E 12km M=4.2
1.1 0.08 0.06 R
Rsd 0.5s 10ph/8stn Dmin 103km Az.gap 311°
Corr. 0.304 5M/3stn Msd 0.5

95/1577
FEB 06 0138 53.9s 37.37S 179.20E 12km M=4.3
0.5 0.03 0.03 R
Rsd 0.3s 23ph/20stn Dmin 83km Az.gap 280°
Corr. 0.138 10M/5stn Msd 0.2 1↓

95/1578
FEB 06 0140 28.1s 37.54S 179.63E 12km M=3.8
0.1 0.01 0.01 R
Rsd 0.0s 4ph/3stn Dmin 118km Az.gap 322°
Corr. -0.279 5M/3stn Msd 0.2

95/1579
FEB 06 0142 17.2s 37.65S 179.45E 12km M=4.4
0.4 0.03 0.03 R
Rsd 0.2s 29ph/27stn Dmin 102km Az.gap 287°
Corr. 0.035 10M/7stn Msd 0.2 1↑

95/1580
FEB 06 0142 39.7s 37.75S 179.39E 12km M=4.6
0.5 0.03 0.03 R
Rsd 0.2s 24ph/21stn Dmin 98km Az.gap 286°
Corr. 0.113 13M/7stn Msd 0.2

95/1581
FEB 06 0143 15.0s 37.83S 179.37E 12km M=4.1
1.0 0.06 0.06 R
Rsd 0.4s 8ph/7stn Dmin 98km Az.gap 295°
Corr. 0.138 11M/9stn Msd 0.3

95/1582
FEB 06 0144 28.7s 37.78S 179.33E 12km M=3.6
0.8 0.04 0.05 R
Rsd 0.3s 7ph/6stn Dmin 93km Az.gap 297°
Corr. 0.179 5M/3stn Msd 0.4

95/1583
FEB 06 0145 03.0s 37.65S 179.46E 12km M=4.0
1.3 0.07 0.10 R
Rsd 0.5s 10ph/9stn Dmin 116km Az.gap 298°
Corr. -0.591 12M/9stn Msd 0.3

95/1584
FEB 06 0150 18.1s 37.69S 179.36E 12km M=3.8
0.6 0.03 0.04 R
Rsd 0.3s 10ph/8stn Dmin 94km Az.gap 306°
Corr. 0.091 10M/8stn Msd 0.4

95/1585
FEB 06 0151 51.4s 37.70S 179.41E 12km M=3.5
0.5 0.02 0.03 R
Rsd 0.1s 4ph/3stn Dmin 98km Az.gap 313°
Corr. -0.276 5M/3stn Msd 0.4

95/1586
FEB 06 0156 15.7s 37.45S 179.36E 12km M=3.7
0.1 0.00 0.00 R
Rsd 0.0s 6ph/5stn Dmin 119km Az.gap 335°
Corr. -0.656 7M/5stn Msd 0.2

95/1587
FEB 06 0201 11.6s 37.73S 179.52E 12km M=4.2
0.9 0.05 0.06 R
Rsd 0.4s 13ph/11stn Dmin 108km Az.gap 303°
Corr. 0.214 14M/12stn Msd 0.4

95/1588
FEB 06 0202 04.4s 37.69S 179.43E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.1s 7ph/6stn Dmin 100km Az.gap 304°
Corr. 0.467 7M/5stn Msd 0.2

95/1589
FEB 06 0202 38.5s 37.80S 179.36E 12km M=4.0
0.7 0.04 0.04 R
Rsd 0.4s 8ph/7stn Dmin 96km Az.gap 297°
Corr. 0.493 4M/2stn Msd 0.3 1↓

95/1590
FEB 06 0203 49.7s 37.62S 179.39E 12km M=4.6
0.3 0.01 0.02 R
Rsd 0.2s 37ph/32stn Dmin 96km Az.gap 286°
Corr. 0.303 20M/11stn Msd 0.2 1↑ 1↓

95/1591
FEB 06 0205 20.4s 37.74S 179.51E 12km M=3.6
0.6 0.03 0.04 R
Rsd 0.2s 9ph/8stn Dmin 108km Az.gap 303°
Corr. 0.538 5M/3stn Msd 0.2

95/1592
FEB 06 0206 03.4s 37.64S 179.29E 12km M=3.6
0.2 0.01 0.01 R
Rsd 0.1s 5ph/4stn Dmin 87km Az.gap 312°
Corr. 0.148 5M/3stn Msd 0.3

95/1593
FEB 06 0206 54.3s 37.68S 179.35E 12km M=4.6
0.4 0.02 0.03 R
Rsd 0.1s 17ph/14stn Dmin 93km Az.gap 285°
Corr. -0.255 11M/6stn Msd 0.3

95/1594
FEB 06 0208 31.4s 37.69S 179.24E 12km M=3.6
0.6 0.02 0.03 R
Rsd 0.2s 6ph/4stn Dmin 83km Az.gap 303°
Corr. -0.570 7M/5stn Msd 0.4

95/1595
FEB 06 0209 53.3s 37.65S 179.33E 12km M=4.4
0.4 0.03 0.03 R
Rsd 0.3s 17ph/14stn Dmin 105km Az.gap 284°
Corr. -0.176 28M/21stn Msd 0.3

95/1596
FEB 06 0211 60.0s 37.55S 179.44E 12km M=4.4
0.3 0.02 0.02 R
Rsd 0.1s 15ph/14stn Dmin 101km Az.gap 286°
Corr. 0.087 10M/5stn Msd 0.3 1↓

95/1597
FEB 06 0216 02.2s 37.74S 179.44E 12km M=4.0
0.4 0.02 0.02 R
Rsd 0.2s 14ph/13stn Dmin 101km Az.gap 301°
Corr. 0.271 20M/16stn Msd 0.1

95/1598
FEB 06 0222 37.4s 37.86S 179.18E 12km M=4.1
0.5 0.03 0.03 R
Rsd 0.3s 21ph/18stn Dmin 83km Az.gap 282°
Corr. 0.215 30M/24stn Msd 0.2

95/1599
FEB 06 0226 15.1s 37.69S 179.45E 12km M=4.1
0.4 0.03 0.03 R
Rsd 0.2s 12ph/9stn Dmin 102km Az.gap 287°
Corr. 0.133 12M/9stn Msd 0.4

95/1600
FEB 06 0228 34.1s 37.68S 179.43E 12km M=3.6
0.9 0.05 0.05 R
Rsd 0.3s 5ph/3stn Dmin 100km Az.gap 314°
Corr. 0.097 4M/2stn Msd 0.3

95/1602
FEB 06 0231 12.0s 37.71S 179.29E 12km M=4.1
0.5 0.02 0.03 R
Rsd 0.2s 4ph/3stn Dmin 88km Az.gap 309°
Corr. 0.063 6M/4stn Msd 0.2

95/1603
FEB 06 0232 46.9s 37.70S 179.43E 12km M=4.4
0.5 0.03 0.03 R
Rsd 0.2s 11ph/8stn Dmin 100km Az.gap 306°
Corr. -0.007 16M/12stn Msd 0.3

95/1604
FEB 06 0233 09.6s 37.83S 179.38E 12km M=4.3
0.4 0.02 0.02 R
Rsd 0.2s 8ph/5stn Dmin 98km Az.gap 298°
Corr. -0.029 16M/12stn Msd 0.2

95/1605
FEB 06 0235 39.9s 37.75S 179.41E 12km M=4.9
0.3 0.02 0.02 R
Rsd 0.2s 32ph/30stn Dmin 99km Az.gap 287°
Corr. 0.057 29M/15stn Msd 0.3 1↑

95/1606
FEB 06 0236 55.9s 37.70S 179.31E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.1s 13ph/12stn Dmin 90km Az.gap 290°
Corr. -0.146 11M/9stn Msd 0.2

95/1607
FEB 06 0237 27.4s 37.61S 179.23E 12km M=4.1
0.3 0.02 0.02 R
Rsd 0.1s 11ph/10stn Dmin 82km Az.gap 281°
Corr. -0.053 17M/12stn Msd 0.2

95/1609
FEB 06 0237 57.0s 37.86S 179.34E 12km M=4.5
0.3 0.02 0.02 R
Rsd 0.1s 13ph/12stn Dmin 96km Az.gap 286°
Corr. 0.082 8M/4stn Msd 0.2

95/1610
FEB 06 0241 28.2s 37.57S 179.17E 12km M=3.6
0.9 0.03 0.07 R
Rsd 0.2s 7ph/6stn Dmin 233km Az.gap 288°
Corr. -0.518 4M/4stn Msd 0.2

95/1611
FEB 06 0242 28.4s 37.54S 179.34E 12km M=3.8
0.4 0.02 0.03 R
Rsd 0.1s 8ph/6stn Dmin 92km Az.gap 314°
Corr. -0.585 6M/4stn Msd 0.3

95/1613
FEB 06 0246 15.6s 37.75S 179.36E 12km M=4.4
0.6 0.03 0.04 R
Rsd 0.2s 22ph/18stn Dmin 95km Az.gap 285°
Corr. -0.087 9M/5stn Msd 0.2

95/1614
FEB 06 0251 11.2s 37.83S 179.38E 12km M=4.3
0.3 0.01 0.02 R
Rsd 0.1s 23ph/20stn Dmin 98km Az.gap 290°
Corr. 0.186 12M/6stn Msd 0.1 1↓

95/1615
FEB 06 0252 55.4s 37.83S 179.39E 12km M=3.7
0.3 0.01 0.02 R
Rsd 0.1s 7ph/5stn Dmin 99km Az.gap 296°
Corr. 0.027 9M/7stn Msd 0.3

95/1616
FEB 06 0253 49.5s 37.90S 179.06E 12km M=3.7
1.0 0.04 0.06 R
Rsd 0.4s 10ph/8stn Dmin 74km Az.gap 279°
Corr. 0.636 8M/8stn Msd 0.2

95/1617
FEB 06 0254 16.9s 37.55S 179.51E 12km M=4.5
0.2 0.02 0.02 R
Rsd 0.1s 25ph/22stn Dmin 107km Az.gap 288°
Corr. -0.294 38M/33stn Msd 0.2 3↑ 1↓

95/1618
FEB 06 0257 08.1s 37.73S 179.38E 12km M=5.0
0.4 0.02 0.02 R
Rsd 0.2s 32ph/30stn Dmin 96km Az.gap 286°
Corr. 0.280 32M/16stn Msd 0.3

95/1619
FEB 06 0301 17.9s 37.45S 179.34E 12km M=3.8
0.5 0.03 0.04 R
Rsd 0.3s 8ph/7stn Dmin 93km Az.gap 322°
Corr. 0.006 9M/7stn Msd 0.3

95/1620
FEB 06 0302 43.6s 37.64S 179.35E 12km M=4.6
0.5 0.03 0.03 R
Rsd 0.3s 20ph/17stn Dmin 92km Az.gap 285°
Corr. 0.161 9M/5stn Msd 0.3

95/1621
FEB 06 0304 54.6s 37.62S 179.37E 12km M=4.0
2.0 0.09 0.12 R
Rsd 0.7s 4ph/3stn Dmin 94km Az.gap 315°
Corr. 0.094 4M/2stn Msd 0.2

95/1622
FEB 06 0305 09.6s 37.75S 179.43E 12km M=4.0
0.6 0.03 0.04 R
Rsd 0.3s 7ph/6stn Dmin 101km Az.gap 312°
Corr. -0.189 6M/4stn Msd 0.3

95/1623
FEB 06 0306 39.6s 37.63S 179.43E 12km M=4.4
0.3 0.02 0.02 R
Rsd 0.2s 28ph/24stn Dmin 100km Az.gap 293°
Corr. 0.070 17M/10stn Msd 0.3

95/1624
FEB 06 0308 29.3s 37.72S 179.39E 12km M=3.7
0.6 0.03 0.04 R
Rsd 0.3s 7ph/6stn Dmin 97km Az.gap 300°
Corr. 0.349 5M/3stn Msd 0.2

95/1625
FEB 06 0309 43.9s 37.54S 179.57E 12km M=4.0
1.0 0.03 0.08 R
Rsd 0.3s 10ph/9stn Dmin 265km Az.gap 290°
Corr. 0.286 9M/9stn Msd 0.2

95/1626
FEB 06 0312 59.7s 37.61S 179.27E 12km M=3.7
0.4 0.02 0.03 R
Rsd 0.2s 13ph/12stn Dmin 103km Az.gap 289°
Corr. -0.104 15M/13stn Msd 0.2

95/1627
FEB 06 0314 01.2s 37.72S 179.39E 12km M=4.9
0.3 0.02 0.02 R
Rsd 0.2s 35ph/26stn Dmin 97km Az.gap 286°
Corr. 0.311 24M/13stn Msd 0.3 1↓

95/1628
FEB 06 0315 39.7s 37.47S 179.76E 12km M=4.1
0.8 0.05 0.05 R
Rsd 0.3s 10ph/9stn Dmin 130km Az.gap 313°
Corr. 0.122 5M/3stn Msd 0.3

95/1629
FEB 06 0316 58.4s 37.73S 179.38E 12km M=4.1
0.7 0.04 0.04 R
Rsd 0.3s 10ph/8stn Dmin 96km Az.gap 304°
Corr. -0.025 11M/9stn Msd 0.4

95/1630
FEB 06 0318 36.0s 37.64S 179.43E 12km M=5.1
0.4 0.02 0.03 R
Rsd 0.2s 40ph/35stn Dmin 100km Az.gap 287°
Corr. -0.433 46M/24stn Msd 0.2

95/1631
FEB 06 0323 10.6s 37.69S 179.54E 12km M=4.0
0.8 0.04 0.05 R
Rsd 0.3s 10ph/9stn Dmin 110km Az.gap 297°
Corr. -0.396 12M/9stn Msd 0.3

95/1632
FEB 06 0325 32.4s 37.54S 179.29E 12km M=5.4
0.4 0.02 0.02 R
Rsd 0.2s 24ph/22stn Dmin 88km Az.gap 283°
Corr. -0.027 35M/18stn Msd 0.3 1↓

95/1634
FEB 06 0327 43.7s 37.66S 179.46E 12km M=3.7
0.5 0.03 0.03 R
Rsd 0.2s 17ph/16stn Dmin 103km Az.gap 293°
Corr. 0.327 34M/32stn Msd 0.3

95/1635
FEB 06 0331 14.0s 37.11S 178.09E 12km M=3.9
0.5 0.03 0.03 R
Rsd 0.2s 8ph/5stn Dmin 108km Az.gap 320°
Corr. 0.374 13M/11stn Msd 0.2 1↑

95/1636
FEB 06 0332 03.2s 37.50S 179.34E 12km M=4.0
0.6 0.03 0.03 R
Rsd 0.3s 10ph/6stn Dmin 92km Az.gap 290°
Corr. -0.234 11M/10stn Msd 0.2 1↓

95/1637
FEB 06 0333 37.7s 37.71S 179.40E 12km M=3.8
0.5 0.02 0.03 R
Rsd 0.2s 6ph/4stn Dmin 98km Az.gap 310°
Corr. -0.484 6M/4stn Msd 0.3

95/1638
FEB 06 0334 15.7s 37.88S 179.41E 12km M=3.8
1.3 0.07 0.08 R
Rsd 0.7s 8ph/6stn Dmin 103km Az.gap 295°
Corr. 0.501 7M/5stn Msd 0.3

95/1639
FEB 06 0335 25.6s 37.55S 179.41E 12km M=4.4
0.3 0.02 0.02 R
Rsd 0.2s 32ph/25stn Dmin 98km Az.gap 286°
Corr. -0.006 15M/8stn Msd 0.2 1↓

95/1640
FEB 06 0338 29.4s 37.83S 179.40E 12km M=4.4
0.4 0.02 0.02 R
Rsd 0.3s 32ph/27stn Dmin 100km Az.gap 286°
Corr. 0.321 16M/9stn Msd 0.1 1↑ 1↓

95/1641
FEB 06 0339 11.0s 37.44S 179.32E 12km M=4.2
0.7 0.05 0.04 R
Rsd 0.4s 11ph/7stn Dmin 92km Az.gap 284°
Corr. -0.258 21M/16stn Msd 0.2

95/1642
FEB 06 0340 56.4s 37.64S 179.39E 12km M=4.4
0.4 0.02 0.03 R
Rsd 0.3s 27ph/24stn Dmin 96km Az.gap 286°
Corr. 0.015 13M/8stn Msd 0.3 1↑ 1↓

95/1643
FEB 06 0341 29.3s 39.51S 174.45E 197km M=4.2
0.4 0.01 0.02 3
Rsd 0.3s 40ph/33stn Dmin 36km Az.gap 76°
Corr. 0.223 18M/14stn Msd 0.3 1↑ 1↓

95/1645
FEB 06 0348 58.2s 37.76S 179.29E 12km M=4.0
0.5 0.03 0.03 R
Rsd 0.3s 13ph/11stn Dmin 89km Az.gap 296°
Corr. -0.045 24M/17stn Msd 0.3

95/1646
FEB 06 0349 47.0s 37.72S 179.52E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.2s 8ph/6stn Dmin 108km Az.gap 313°
Corr. -0.175 5M/3stn Msd 0.2

95/1647
FEB 06 0350 42.5s 37.56S 179.26E 12km M=4.1
0.5 0.03 0.03 R
Rsd 0.3s 10ph/8stn Dmin 85km Az.gap 282°
Corr. 0.141 11M/9stn Msd 0.4 1↓

95/1649
FEB 06 0353 59.5s 37.41S 179.30E 12km M=3.9
0.5 0.03 0.04 R
Rsd 0.2s 12ph/8stn Dmin 91km Az.gap 289°
Corr. -0.571 12M/10stn Msd 0.3 1↑

95/1650
FEB 06 0355 02.2s 37.64S 179.57E 12km M=3.7
1.1 0.05 0.08 R
Rsd 0.5s 10ph/8stn Dmin 112km Az.gap 295°
Corr. -0.413 6M/4stn Msd 0.2

95/1651
FEB 06 0355 27.7s 37.28S 179.92E 12km M=4.6
1.0 0.04 0.07 R
Rsd 0.2s 26ph/25stn Dmin 148km Az.gap 294°
Corr. 0.546 15M/8stn Msd 0.2 1↑ 1↓

95/1652
FEB 06 0356 48.0s 37.75S 179.40E 12km M=4.0
0.2 0.02 0.01 R
Rsd 0.1s 18ph/16stn Dmin 98km Az.gap 291°
Corr. -0.181 5M/3stn Msd 0.4

95/1653
FEB 06 0357 13.1s 37.78S 179.43E 12km M=4.5
0.3 0.03 0.02 R
Rsd 0.2s 20ph/17stn Dmin 102km Az.gap 287°
Corr. -0.004 24M/19stn Msd 0.2

95/1654
FEB 06 0359 50.6s 37.85S 179.61E 12km M=4.3
1.3 0.07 0.07 R
Rsd 0.8s 9ph/6stn Dmin 119km Az.gap 296°
Corr. -0.320 7M/5stn Msd 0.4

95/1655
FEB 06 0404 06.1s 37.58S 179.00E 12km M=3.8
0.6 0.03 0.04 R
Rsd 0.3s 16ph/14stn Dmin 62km Az.gap 308°
Corr. 0.226 18M/16stn Msd 0.2 1↓

95/1657
FEB 06 0407 06.6s 37.84S 179.53E 12km M=4.0
0.6 0.03 0.03 R
Rsd 0.4s 10ph/8stn Dmin 112km Az.gap 302°
Corr. -0.093 11M/8stn Msd 0.2

95/1658
FEB 06 0408 07.9s 37.71S 179.40E 12km M=4.2
0.4 0.02 0.03 R
Rsd 0.3s 8ph/6stn Dmin 98km Az.gap 290°
Corr. -0.312 7M/5stn Msd 0.3

95/1659
FEB 06 0409 48.0s 37.76S 179.28E 12km M=3.7
0.5 0.02 0.03 R
Rsd 0.2s 10ph/8stn Dmin 89km Az.gap 284°
Corr. 0.168 6M/4stn Msd 0.2

95/1660
FEB 06 0410 04.5s 37.72S 179.46E 12km M=4.1
0.4 0.02 0.03 R
Rsd 0.2s 13ph/11stn Dmin 103km Az.gap 303°
Corr. 0.126 17M/13stn Msd 0.4

95/1661
FEB 06 0410 12.5s 37.59S 179.44E 12km M=4.2
0.4 0.04 0.03 R
Rsd 0.2s 11ph/9stn Dmin 101km Az.gap 291°
Corr. -0.470 12M/8stn Msd 0.3

95/1662
FEB 06 0410 55.4s 37.84S 179.52E 12km M=4.0
0.7 0.04 0.04 R
Rsd 0.3s 7ph/4stn Dmin 111km Az.gap 313°
Corr. -0.386 6M/4stn Msd 0.3

95/1663
FEB 06 0413 21.0s 37.77S 179.30E 12km M=4.0
0.6 0.03 0.03 R
Rsd 0.2s 11ph/9stn Dmin 90km Az.gap 285°
Corr. 0.255 12M/9stn Msd 0.2 1↑

95/1666
FEB 06 0415 47.9s 37.53S 179.54E 12km M=4.0
0.7 0.03 0.05 R
Rsd 0.2s 14ph/13stn Dmin 110km Az.gap 293°
Corr. -0.049 13M/11stn Msd 0.3

95/1668
FEB 06 0422 11.0s 37.55S 179.47E 12km M=3.9
0.5 0.03 0.04 R
Rsd 0.3s 13ph/10stn Dmin 103km Az.gap 287°
Corr. 0.124 14M/12stn Msd 0.3 1↓

95/1669
FEB 06 0424 04.2s 37.73S 179.34E 12km M=3.7
0.3 0.02 0.02 R
Rsd 0.1s 8ph/6stn Dmin 93km Az.gap 303°
Corr. 0.324 5M/3stn Msd 0.4

95/1670
FEB 06 0424 17.3s 37.66S 179.44E 12km M=3.8
0.2 0.01 0.01 R
Rsd 0.1s 13ph/12stn Dmin 101km Az.gap 291°
Corr. 0.006 14M/12stn Msd 0.3

95/1671
FEB 06 0425 43.3s 37.80S 179.16E 12km M=3.7
1.2 0.04 0.08 R
Rsd 0.6s 9ph/7stn Dmin 79km Az.gap 291°
Corr. 0.108 9M/7stn Msd 0.3

95/1672
FEB 06 0426 19.8s 37.56S 179.37E 12km M=4.0
1.6 0.08 0.09 R
Rsd 0.6s 4ph/3stn Dmin 94km Az.gap 317°
Corr. 0.159 5M/3stn Msd 0.2

95/1675
FEB 06 0431 25.2s 37.97S 179.50E 12km M=3.6
1.2 0.08 0.06 R
Rsd 0.6s 6ph/4stn Dmin 110km Az.gap 296°
Corr. 0.449 6M/4stn Msd 0.4

95/1678
FEB 06 0435 10.9s 37.44S 179.36E 12km M=4.1
0.3 0.02 0.02 R
Rsd 0.2s 22ph/19stn Dmin 95km Az.gap 287°
Corr. -0.574 34M/27stn Msd 0.3

95/1679
FEB 06 0435 52.5s 37.60S 179.36E 12km M=4.5
0.40.03 0.03 R
Rsd 0.3s 16ph/12stn Dmin 93km Az.gap 285°
Corr. -0.237 15M/8stn Msd 0.2

95/1680
FEB 06 0439 54.5s 37.77S 179.31E 12km M=3.9
0.6 0.03 0.03 R
Rsd 0.3s 7ph/4stn Dmin 91km Az.gap 328°
Corr. -0.290 4M/2stn Msd 0.2

95/1681
FEB 06 0447 25.0s 37.65S 179.19E 12km M=3.8
0.9 0.04 0.05 R
Rsd 0.3s 6ph/3stn Dmin 78km Az.gap 313°
Corr. -0.368 4M/2stn Msd 0.2

95/1683
FEB 06 0454 08.6s 37.77S 179.36E 12km M=3.9
0.5 0.04 0.03 R
Rsd 0.2s 13ph/10stn Dmin 95km Az.gap 291°
Corr. -0.296 23M/21stn Msd 0.3

95/1684
FEB 06 0459 46.3s 37.71S 179.51E 12km M=3.7
0.6 0.05 0.04 R
Rsd 0.3s 10ph/8stn Dmin 107km Az.gap 304°
Corr. -0.159 9M/7stn Msd 0.3

95/1685
FEB 06 0502 06.5s 37.73S 179.52E 12km M=3.9
0.7 0.04 0.04 R
Rsd 0.3s 13ph/10stn Dmin 109km Az.gap 302°
Corr. -0.049 16M/14stn Msd 0.4

95/1686
FEB 06 0503 23.7s 37.48S 179.24E 12km M=4.1
0.4 0.02 0.03 R
Rsd 0.2s 16ph/12stn Dmin 84km Az.gap 282°
Corr. 0.059 22M/17stn Msd 0.3 1↑ 2↓

95/1688
FEB 06 0505 50.1s 37.64S 179.54E 12km M=3.8
1.3 0.06 0.08 R
Rsd 0.5s 9ph/7stn Dmin 109km Az.gap 307°
Corr. 0.347 6M/4stn Msd 0.3

95/1689
FEB 06 0507 10.2s 37.57S 179.39E 12km M=4.6
0.3 0.01 0.02 R
Rsd 0.1s 28ph/26stn Dmin 96km Az.gap 286°
Corr. 0.224 21M/12stn Msd 0.2 1↑

95/1691
FEB 06 0510 48.6s 37.54S 179.19E 12km M=3.6
2.2 0.13 0.13 R
Rsd 0.7s 4ph/3stn Dmin 79km Az.gap 315°
Corr. -0.150 6M/4stn Msd 0.3

95/1692
FEB 06 0511 50.3s 37.68S 179.57E 12km M=3.6
0.1 0.00 0.00 R
Rsd 0.0s 4ph/3stn Dmin 113km Az.gap 318°
Corr. -0.155 5M/3stn Msd 0.3

95/1693
FEB 06 0512 23.8s 37.75S 179.27E 12km M=3.8
0.8 0.04 0.05 R
Rsd 0.3s 5ph/3stn Dmin 87km Az.gap 307°
Corr. -0.295 5M/3stn Msd 0.2

95/1694
FEB 06 0513 06.1s 37.76S 179.32E 12km M=4.1
0.7 0.03 0.04 R
Rsd 0.3s 4ph/3stn Dmin 91km Az.gap 308°
Corr. 0.190 6M/4stn Msd 0.2

95/1695
FEB 06 0513 34.1s 37.60S 179.32E 12km M=4.4
0.5 0.04 0.03 R
Rsd 0.2s 7ph/5stn Dmin 90km Az.gap 315°
Corr. -0.514 6M/4stn Msd 0.3

95/1696
FEB 06 0514 12.8s 37.34S 179.06E 12km M=4.1
0.3 0.01 0.02 R
Rsd 0.1s 5ph/3stn Dmin 73km Az.gap 326°
Corr. -0.311 5M/3stn Msd 0.3

95/1698
FEB 06 0519 24.6s 37.43S 179.45E 12km M=5.6
0.4 0.02 0.03 R
Rsd 0.2s 42ph/40stn Dmin 104km Az.gap 287°
Corr. 0.072 52M/28stn Msd 0.2 1↓

95/1699
FEB 06 0522 39.7s 37.41S 179.33E 12km M=4.0
0.2 0.01 0.01 R
Rsd 0.1s 13ph/12stn Dmin 120km Az.gap 283°
Corr. -0.289 12M/10stn Msd 0.3

95/1700
FEB 06 0525 42.4s 37.83S 179.39E 12km M=3.9
0.5 0.03 0.03 R
Rsd 0.2s 25ph/24stn Dmin 99km Az.gap 288°
Corr. 0.235 17M/15stn Msd 0.2 1↓

95/1701
FEB 06 0526 07.3s 37.79S 179.34E 12km M=4.1
0.6 0.03 0.04 R
Rsd 0.3s 15ph/12stn Dmin 94km Az.gap 290°
Corr. 0.239 8M/5stn Msd 0.1

95/1702
FEB 06 0527 22.8s 37.45S 179.38E 12km M=4.0
0.7 0.05 0.05 R
Rsd 0.3s 8ph/7stn Dmin 97km Az.gap 314°
Corr. -0.243 11M/8stn Msd 0.2

95/1703
FEB 06 0528 54.0s 37.61S 179.33E 12km M=3.7
0.4 0.02 0.02 R
Rsd 0.1s 4ph/3stn Dmin 91km Az.gap 314°
Corr. 0.178 5M/3stn Msd 0.3

95/1704
FEB 06 0533 04.3s 37.82S 179.39E 12km M=4.8
0.4 0.02 0.03 R
Rsd 0.2s 29ph/27stn Dmin 99km Az.gap 286°
Corr. 0.523 20M/11stn Msd 0.2 1↑ 1↓

95/1705
FEB 06 0540 36.0s 37.58S 179.19E 12km M=3.8
1.3 0.05 0.08 R
Rsd 0.4s 5ph/4stn Dmin 78km Az.gap 328°
Corr. -0.270 11M/9stn Msd 0.2

95/1706
FEB 06 0544 15.0s 37.72S 179.40E 12km M=3.8
1.1 0.06 0.08 R
Rsd 0.5s 9ph/8stn Dmin 98km Az.gap 298°
Corr. -0.288 9M/5stn Msd 0.4

95/1707
FEB 06 0545 05.6s 37.82S 179.42E 12km M=4.3
0.3 0.01 0.02 R
Rsd 0.1s 7ph/6stn Dmin 101km Az.gap 300°
Corr. -0.264 14M/12stn Msd 0.3 1↓

95/1709
FEB 06 0550 36.8s 37.74S 179.33E 12km M=4.0
0.6 0.03 0.03 R
Rsd 0.2s 10ph/9stn Dmin 92km Az.gap 286°
Corr. -0.196 12M/10stn Msd 0.4

95/1710
FEB 06 0555 30.2s 37.43S 179.36E 12km M=4.2
0.5 0.04 0.04 R
Rsd 0.3s 15ph/12stn Dmin 96km Az.gap 287°
Corr. -0.341 8M/5stn Msd 0.1 1↓

95/1712
FEB 06 0557 36.1s 37.63S 179.32E 12km M=3.6
0.6 0.03 0.04 R
Rsd 0.2s 6ph/4stn Dmin 90km Az.gap 313°
Corr. -0.233 4M/2stn Msd 0.2

95/1713
FEB 06 0557 59.4s 37.71S 179.30E 12km M=4.0
0.9 0.05 0.06 R
Rsd 0.5s 8ph/5stn Dmin 89km Az.gap 309°
Corr. -0.074 7M/5stn Msd 0.3

95/1714
FEB 06 0600 24.0s 37.81S 179.40E 12km M=5.2
0.3 0.02 0.02 R
Rsd 0.2s 43ph/37stn Dmin 100km Az.gap 286°
Corr. -0.165 44M/23stn Msd 0.2 3↑ 1↓

95/1715
FEB 06 0601 24.9s 37.82S 179.34E 12km M=5.3
0.5 0.03 0.03 R
Rsd 0.2s 19ph/16stn Dmin 95km Az.gap 293°
Corr. -0.436 21M/12stn Msd 1.1

95/1716
FEB 06 0603 06.0s 37.70S 179.50E 12km M=3.8
0.8 0.05 0.05 R
Rsd 0.4s 9ph/7stn Dmin 106km Az.gap 308°
Corr. -0.486 5M/3stn Msd 0.3

95/1717
FEB 06 0603 42.7s 37.76S 179.34E 12km M=3.7
0.8 0.05 0.05 R
Rsd 0.3s 11ph/9stn Dmin 94km Az.gap 290°
Corr. -0.427 13M/11stn Msd 0.2

95/1718
FEB 06 0604 55.6s 37.84S 179.39E 12km M=3.6
0.4 0.02 0.02 R
Rsd 0.2s 11ph/6stn Dmin 100km Az.gap 300°
Corr. -0.223 5M/3stn Msd 0.2

95/1719
FEB 06 0605 53.6s 37.65S 179.50E 12km M=3.6
1.6 0.07 0.09 R
Rsd 0.6s 7ph/4stn Dmin 106km Az.gap 311°
Corr. -0.402 6M/4stn Msd 0.3

95/1720
FEB 06 0606 35.8s 37.78S 179.38E 12km M=3.6
1.6 0.06 0.08 R
Rsd 0.6s 7ph/4stn Dmin 97km Az.gap 303°
Corr. -0.486 6M/4stn Msd 0.3

95/1721
FEB 06 0607 00.1s 38.01S 179.43E 12km M=3.5
0.6 0.02 0.03 R
Rsd 0.3s 6ph/3stn Dmin 103km Az.gap 292°
Corr. -0.134 5M/3stn Msd 0.2

95/1722
FEB 06 0607 10.4s 37.22S 179.19E 12km M=3.8
1.0 0.10 0.12 R
Rsd 0.5s 5ph/3stn Dmin 89km Az.gap 331°
Corr. -0.799 5M/3stn Msd 0.2

95/1723
FEB 06 0607 53.3s 37.39S 179.34E 12km M=4.4
0.3 0.02 0.02 R
Rsd 0.1s 30ph/24stn Dmin 94km Az.gap 288°
Corr. -0.602 17M/10stn Msd 0.2 1↓

95/1724
FEB 06 0608 47.3s 37.62S 179.28E 12km M=3.6
1.7 0.08 0.10 R
Rsd 0.5s 6ph/4stn Dmin 87km Az.gap 310°
Corr. -0.087 4M/4stn Msd 0.3

95/1726
FEB 06 0616 52.0s 37.78S 179.36E 12km M=3.8
0.8 0.04 0.05 R
Rsd 0.4s 9ph/6stn Dmin 96km Az.gap 291°
Corr. -0.165 11M/9stn Msd 0.2 1↑

95/1727
FEB 06 0617 51.8s 37.87S 179.47E 12km M=4.1
1.6 0.06 0.09 R
Rsd 0.6s 8ph/6stn Dmin 108km Az.gap 292°
Corr. -0.259 11M/9stn Msd 0.5

95/1728
FEB 06 0620 52.9s 37.42S 179.32E 12km M=3.9
0.7 0.05 0.05 R
Rsd 0.2s 13ph/9stn Dmin 92km Az.gap 314°
Corr. -0.145 17M/13stn Msd 0.2

95/1729
FEB 06 0622 20.3s 37.85S 179.40E 12km M=4.7
0.3 0.02 0.02 R
Rsd 0.2s 25ph/23stn Dmin 101km Az.gap 286°
Corr. -0.286 25M/14stn Msd 0.2

95/1730
FEB 06 0625 57.3s 37.74S 179.35E 12km M=4.3
0.6 0.03 0.04 R
Rsd 0.3s 10ph/8stn Dmin 94km Az.gap 290°
Corr. -0.227 18M/14stn Msd 0.3

95/1732
FEB 06 0627 55.7s 37.70S 179.59E 12km M=4.0
0.9 0.07 0.06 R
Rsd 0.2s 5ph/3stn Dmin 114km Az.gap 335°
Corr. -0.801 4M/2stn Msd 0.2

95/1733
FEB 06 0628 58.1s 37.46S 179.18E 12km M=4.2
1.0 0.04 0.08 R
Rsd 0.2s 14ph/11stn Dmin 80km Az.gap 285°
Corr. -0.631 26M/20stn Msd 0.3 1↓

95/1734
FEB 06 0631 22.4s 37.83S 179.38E 12km M=3.8
0.3 0.02 0.01 R
Rsd 0.1s 5ph/3stn Dmin 99km Az.gap 308°
Corr. -0.294 5M/3stn Msd 0.2

95/1735
FEB 06 0633 21.0s 37.77S 179.40E 12km M=4.0
0.9 0.04 0.05 R
Rsd 0.3s 6ph/4stn Dmin 99km Az.gap 310°
Corr. -0.088 5M/3stn Msd 0.4

95/1736
FEB 06 0634 05.2s 37.51S 179.32E 12km M=5.5
0.5 0.03 0.04 R
Rsd 0.2s 27ph/24stn Dmin 91km Az.gap 286°
Corr. -0.773 35M/19stn Msd 0.3 3↑ 1↓

95/1738
FEB 06 0635 02.5s 37.46S 179.21E 12km M=4.0
1.0 0.04 0.07 R
Rsd 0.3s 10ph/8stn Dmin 82km Az.gap 319°
Corr. -0.233 8M/8stn Msd 0.3

95/1739
FEB 06 0635 51.2s 37.51S 179.30E 12km M=3.8
0.5 0.03 0.04 R
Rsd 0.1s 14ph/11stn Dmin 89km Az.gap 292°
Corr. -0.452 26M/26stn Msd 0.2

95/1740
FEB 06 0637 59.9s 37.77S 179.38E 12km M=4.4
0.9 0.06 0.06 R
Rsd 0.2s 6ph/4stn Dmin 97km Az.gap 323°
Corr. -0.687 4M/2stn Msd 0.2

95/1741
FEB 06 0639 45.7s 37.65S 179.38E 12km M=4.7
0.4 0.03 0.03 R
Rsd 0.2s 11ph/8stn Dmin 96km Az.gap 290°
Corr. -0.522 10M/5stn Msd 0.3

95/1743
FEB 06 0643 54.8s 37.68S 179.53E 12km M=4.0
0.7 0.03 0.05 R
Rsd 0.4s 8ph/6stn Dmin 109km Az.gap 309°
Corr. 0.258 10M/8stn Msd 0.2 1↑ 1↓

95/1744
FEB 06 0645 14.2s 37.62S 179.51E 12km M=4.5
0.4 0.02 0.03 R
Rsd 0.2s 27ph/23stn Dmin 107km Az.gap 289°
Corr. -0.046 19M/10stn Msd 0.3

95/1745
FEB 06 0647 54.2s 37.88S 179.42E 12km M=4.3
0.3 0.02 0.02 R
Rsd 0.1s 13ph/11stn Dmin 103km Az.gap 292°
Corr. -0.176 8M/5stn Msd 0.2

95/1746
FEB 06 0648 59.4s 37.42S 178.99E 12km M=4.0
1.0 0.04 0.06 R
Rsd 0.3s 8ph/7stn Dmin 64km Az.gap 315°
Corr. 0.342 9M/5stn Msd 0.2

95/1747
FEB 06 0650 43.2s 37.41S 179.31E 12km M=4.3
0.4 0.02 0.03 R
Rsd 0.2s 18ph/16stn Dmin 91km Az.gap 286°
Corr. -0.595 9M/5stn Msd 0.3

95/1748
FEB 06 0654 17.9s 37.88S 179.47E 12km M=4.0
0.8 0.04 0.05 R
Rsd 0.3s 10ph/6stn Dmin 108km Az.gap 295°
Corr. 0.229 6M/4stn Msd 0.5

95/1749
FEB 06 0654 27.8s 37.40S 179.53E 12km M=4.1
0.8 0.05 0.05 R
Rsd 0.2s 10ph/7stn Dmin 111km Az.gap 319°
Corr. -0.345 10M/7stn Msd 0.3

95/1750
FEB 06 0655 28.6s 37.46S 179.19E 12km M=4.0
1.4 0.07 0.12 R
Rsd 0.4s 9ph/7stn Dmin 80km Az.gap 319°
Corr. -0.676 8M/5stn Msd 0.3

95/1751
FEB 06 0657 55.0s 37.66S 179.42E 12km M=3.6
0.5 0.03 0.03 R
Rsd 0.2s 6ph/4stn Dmin 99km Az.gap 311°
Corr. -0.275 5M/3stn Msd 0.4

95/1752
FEB 06 0659 50.8s 37.70S 179.57E 12km M=3.9
0.8 0.05 0.05 R
Rsd 0.3s 5ph/4stn Dmin 112km Az.gap 317°
Corr. 0.100 5M/3stn Msd 0.4

95/1753
FEB 06 0659 56.4s 37.54S 179.90E 12km M=4.1
1.0 0.07 0.07 R
Rsd 0.4s 5ph/4stn Dmin 142km Az.gap 326°
Corr. -0.067 6M/4stn Msd 0.4

95/1754
FEB 06 0701 13.8s 37.94S 179.53E 12km M=3.8
1.0 0.05 0.06 R
Rsd 0.4s 5ph/4stn Dmin 113km Az.gap 310°
Corr. 0.026 5M/3stn Msd 0.3

95/1755
FEB 06 0702 45.3s 37.89S 179.38E 12km M=3.9
0.6 0.02 0.03 R
Rsd 0.2s 5ph/4stn Dmin 101km Az.gap 307°
Corr. 0.149 6M/4stn Msd 0.2

95/1756
FEB 06 0703 24.3s 37.51S 179.36E 12km M=4.2
0.9 0.04 0.06 R
Rsd 0.4s 6ph/5stn Dmin 94km Az.gap 299°
Corr. -0.007 12M/7stn Msd 0.3

95/1757
FEB 06 0704 10.5s 37.91S 179.47E 12km M=4.4
0.9 0.04 0.06 R
Rsd 0.5s 10ph/8stn Dmin 108km Az.gap 289°
Corr. 0.184 11M/7stn Msd 0.2

95/1758
FEB 06 0707 55.8s 37.88S 179.38E 12km M=4.1
0.4 0.02 0.02 R
Rsd 0.2s 10ph/8stn Dmin 100km Az.gap 292°
Corr. 0.294 23M/19stn Msd 0.3

95/1759
FEB 06 0710 27.7s 37.94S 179.51E 12km M=3.7
1.0 0.05 0.05 R
Rsd 0.6s 6ph/3stn Dmin 111km Az.gap 298°
Corr. 0.100 5M/3stn Msd 0.2

95/1760
FEB 06 0710 50.6s 37.85S 179.44E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.2s 12ph/9stn Dmin 104km Az.gap 298°
Corr. -0.038 10M/8stn Msd 0.3

95/1762
FEB 06 0715 46.3s 37.74S 179.34E 12km M=3.9
0.5 0.03 0.03 R
Rsd 0.2s 5ph/3stn Dmin 93km Az.gap 309°
Corr. -0.420 5M/3stn Msd 0.4

95/1764
FEB 06 0718 14.1s 37.69S 179.50E 12km M=3.8
0.7 0.04 0.04 R
Rsd 0.3s 5ph/3stn Dmin 106km Az.gap 316°
Corr. -0.311 5M/3stn Msd 0.5

95/1765
FEB 06 0721 29.8s 37.49S 179.27E 12km M=5.2
0.5 0.03 0.04 R
Rsd 0.2s 38ph/33stn Dmin 87km Az.gap 286°
Corr. -0.714 36M/18stn Msd 0.3 3↑ 1↓

95/1766
FEB 06 0725 56.4s 37.49S 179.33E 12km M=5.0
0.2 0.01 0.02 R
Rsd 0.1s 30ph/28stn Dmin 92km Az.gap 286°
Corr. -0.516 29M/15stn Msd 0.3 1↓

95/1767
FEB 06 0731 48.5s 37.46S 179.25E 12km M=4.4
0.3 0.01 0.02 R
Rsd 0.1s 23ph/20stn Dmin 85km Az.gap 287°
Corr. -0.449 18M/9stn Msd 0.2

95/1768
FEB 06 0734 47.3s 37.47S 178.97E 12km M=4.6
1.0 0.04 0.07 R
Rsd 0.4s 17ph/14stn Dmin 61km Az.gap 281°
Corr. -0.123 13M/7stn Msd 0.3 2↑ 1↓

95/1769
FEB 06 0738 16.9s 37.74S 179.33E 12km M=3.7
1.2 0.07 0.08 R
Rsd 0.7s 8ph/6stn Dmin 92km Az.gap 309°
Corr. -0.033 6M/4stn Msd 0.3

95/1770
FEB 06 0739 57.1s 37.88S 179.32E 12km M=4.3
0.6 0.03 0.04 R
Rsd 0.3s 27ph/24stn Dmin 95km Az.gap 285°
Corr. -0.016 10M/5stn Msd 0.1

95/1771
FEB 06 0740 55.7s 37.62S 178.98E 12km M=5.0
0.5 0.02 0.03 R
Rsd 0.2s 27ph/24stn Dmin 60km Az.gap 281°
Corr. 0.182 28M/15stn Msd 0.2

95/1772
FEB 06 0742 27.7s 37.81S 179.37E 12km M=4.1
0.9 0.04 0.06 R
Rsd 0.3s 15ph/14stn Dmin 97km Az.gap 290°
Corr. -0.054 13M/11stn Msd 0.2

95/1773
FEB 06 0744 21.0s 37.86S 179.39E 12km M=3.8
0.2 0.01 0.01 R
Rsd 0.1s 10ph/8stn Dmin 100km Az.gap 298°
Corr. -0.038 5M/3stn Msd 0.3

95/1774
FEB 06 0745 46.6s 37.58S 179.37E 12km M=3.9
1.2 0.07 0.07 R
Rsd 0.5s 7ph/6stn Dmin 94km Az.gap 317°
Corr. 0.235 11M/9stn Msd 0.4

95/1775
FEB 06 0747 49.2s 37.79S 179.35E 12km M=3.8
1.1 0.05 0.06 R
Rsd 0.5s 6ph/4stn Dmin 95km Az.gap 309°
Corr. 0.111 10M/8stn Msd 0.3

95/1776
FEB 06 0748 13.9s 37.69S 179.54E 12km M=3.9
0.4 0.03 0.03 R
Rsd 0.2s 5ph/4stn Dmin 110km Az.gap 317°
Corr. -0.132 10M/8stn Msd 0.4

95/1777
FEB 06 0749 18.9s 37.35S 178.97E 12km M=3.5
0.8 0.04 0.04 R
Rsd 0.3s 4ph/3stn Dmin 65km Az.gap 325°
Corr. 0.122 3M/3stn Msd 1.0

95/1779
FEB 06 0754 33.5s 37.66S 179.36E 12km M=3.9
0.4 0.03 0.03 R
Rsd 0.2s 10ph/9stn Dmin 94km Az.gap 304°
Corr. -0.117 9M/7stn Msd 0.3 1↓

95/1780
FEB 06 0754 58.3s 37.64S 179.46E 12km M=3.9
0.6 0.04 0.04 R
Rsd 0.2s 12ph/11stn Dmin 102km Az.gap 293°
Corr. -0.335 13M/11stn Msd 0.2

95/1781
FEB 06 0756 08.9s 37.84S 179.40E 12km M=4.8
0.4 0.02 0.03 R
Rsd 0.2s 35ph/33stn Dmin 101km Az.gap 286°
Corr. 0.087 35M/19stn Msd 0.2 1↓

95/1782
FEB 06 0758 02.4s 37.49S 179.33E 12km M=4.4
0.3 0.02 0.02 R
Rsd 0.1s 23ph/22stn Dmin 92km Az.gap 286°
Corr. -0.298 10M/6stn Msd 0.1

95/1783
FEB 06 0759 25.4s 37.67S 179.37E 12km M=4.7
0.4 0.02 0.02 R
Rsd 0.2s 20ph/17stn Dmin 95km Az.gap 286°
Corr. -0.313 22M/12stn Msd 0.2

95/1784
FEB 06 0801 13.4s 37.79S 179.38E 12km M=3.8
0.3 0.02 0.02 R
Rsd 0.1s 11ph/9stn Dmin 97km Az.gap 286°
Corr. -0.477 10M/8stn Msd 0.3

95/1785
FEB 06 0805 54.3s 37.38S 179.14E 12km M=4.0
1.7 0.09 0.10 R
Rsd 0.6s 4ph/3stn Dmin 78km Az.gap 323°
Corr. 0.136 5M/3stn Msd 0.3

95/1786
FEB 06 0806 30.9s 37.47S 179.42E 12km M=4.5
0.5 0.02 0.03 R
Rsd 0.2s 28ph/27stn Dmin 100km Az.gap 288°
Corr. -0.248 21M/12stn Msd 0.2 1↑ 1↓

95/1787
FEB 06 0809 14.7s 37.46S 179.24E 12km M=4.6
0.5 0.03 0.03 R
Rsd 0.2s 15ph/13stn Dmin 85km Az.gap 288°
Corr. -0.112 11M/6stn Msd 0.3

95/1788
FEB 06 0811 04.9s 37.81S 179.54E 12km M=3.6
1.4 0.08 0.08 R
Rsd 0.7s 5ph/3stn Dmin 112km Az.gap 313°
Corr. -0.036 5M/3stn Msd 0.2

95/1789
FEB 06 0815 12.7s 37.33S 179.06E 12km M=4.2
0.5 0.03 0.03 R
Rsd 0.2s 12ph/11stn Dmin 74km Az.gap 322°
Corr. 0.352 28M/21stn Msd 0.3

95/1790
FEB 06 0816 48.1s 37.42S 179.12E 12km M=3.5
0.9 0.04 0.05 R
Rsd 0.4s 6ph/4stn Dmin 75km Az.gap 318°
Corr. 0.203 5M/3stn Msd 0.2

95/1791
FEB 06 0818 24.0s 37.75S 179.49E 12km M=3.9
1.1 0.06 0.07 R
Rsd 0.5s 9ph/8stn Dmin 106km Az.gap 314°
Corr. 0.090 11M/9stn Msd 0.3 1↑

95/1792
FEB 06 0818 56.2s 37.62S 179.31E 12km M=3.9
1.1 0.05 0.07 R
Rsd 0.5s 7ph/5stn Dmin 89km Az.gap 314°
Corr. 0.122 9M/7stn Msd 0.3

95/1793
FEB 06 0820 40.5s 37.93S 179.56E 12km M=3.8
1.0 0.05 0.05 R
Rsd 0.6s 10ph/7stn Dmin 116km Az.gap 294°
Corr. 0.016 7M/5stn Msd 0.2

95/1795
FEB 06 0825 07.8s 37.91S 179.44E 12km M=4.0
0.4 0.03 0.02 R
Rsd 0.2s 18ph/15stn Dmin 106km Az.gap 286°
Corr. -0.288 22M/17stn Msd 0.2 1↑

95/1796
FEB 06 0827 18.3s 37.59S 179.62E 12km M=3.6
0.9 0.05 0.06 R
Rsd 0.5s 9ph/8stn Dmin 116km Az.gap 296°
Corr. -0.148 6M/4stn Msd 0.2

95/1797
FEB 06 0829 09.0s 37.62S 179.42E 12km M=4.4
0.4 0.02 0.02 R
Rsd 0.2s 31ph/26stn Dmin 99km Az.gap 287°
Corr. 0.081 19M/10stn Msd 0.1 1↓

95/1798
FEB 06 0829 43.1s 37.67S 179.41E 12km M=4.9
0.5 0.03 0.03 R
Rsd 0.3s 27ph/19stn Dmin 98km Az.gap 287°
Corr. -0.009 25M/13stn Msd 0.3

95/1799
FEB 06 0830 22.6s 37.86S 179.26E 12km M=4.2
0.5 0.02 0.03 R
Rsd 0.2s 14ph/13stn Dmin 90km Az.gap 293°
Corr. 0.284 5M/3stn Msd 0.1

95/1800
FEB 06 0834 21.6s 37.84S 179.45E 12km M=3.9
0.4 0.02 0.03 R
Rsd 0.2s 12ph/11stn Dmin 105km Az.gap 290°
Corr. 0.086 20M/15stn Msd 0.2 1↑

95/1801
FEB 06 0836 58.9s 37.71S 179.47E 12km M=3.6
0.5 0.02 0.03 R
Rsd 0.2s 4ph/3stn Dmin 104km Az.gap 314°
Corr. 0.197 5M/3stn Msd 0.5 1↑ 1↓

95/1803
FEB 06 0838 60.0s 37.91S 179.42E 12km M=3.9
0.7 0.04 0.04 R
Rsd 0.4s 10ph/7stn Dmin 104km Az.gap 294°
Corr. 0.304 9M/7stn Msd 0.2

95/1804
FEB 06 0839 54.9s 37.82S 179.46E 12km M=4.4
0.4 0.02 0.02 R
Rsd 0.2s 14ph/12stn Dmin 105km Az.gap 291°
Corr. 0.131 8M/4stn Msd 0.1 1↑ 1↓

95/1805
FEB 06 0842 14.4s 37.61S 179.51E 12km M=3.6
0.8 0.05 0.05 R
Rsd 0.3s 5ph/4stn Dmin 106km Az.gap 319°
Corr. 0.121 5M/3stn Msd 0.2

95/1807
FEB 06 0845 19.8s 37.64S 179.48E 12km M=4.0
0.6 0.04 0.04 R
Rsd 0.2s 14ph/12stn Dmin 104km Az.gap 288°
Corr. -0.285 24M/21stn Msd 0.2 1↓

95/1808
FEB 06 0848 47.3s 37.76S 179.41E 12km M=4.0
0.7 0.04 0.05 R
Rsd 0.3s 9ph/8stn Dmin 100km Az.gap 300°
Corr. 0.004 10M/6stn Msd 0.3

95/1809
FEB 06 0852 30.3s 37.48S 179.32E 12km M=4.5
0.4 0.03 0.03 R
Rsd 0.2s 34ph/32stn Dmin 91km Az.gap 286°
Corr. -0.260 27M/14stn Msd 0.2 1↓

95/1810
FEB 06 0855 54.1s 37.82S 179.35E 12km M=3.7
0.9 0.05 0.06 R
Rsd 0.4s 10ph/8stn Dmin 95km Az.gap 296°
Corr. 0.028 16M/14stn Msd 0.2

95/1811
FEB 06 0900 20.2s 37.44S 179.14E 12km M=4.4
0.5 0.02 0.04 R
Rsd 0.2s 18ph/16stn Dmin 76km Az.gap 284°
Corr. -0.286 9M/5stn Msd 0.3 1↑ 1↓

95/1813
FEB 06 0901 35.3s 37.75S 179.46E 12km M=4.6
0.4 0.02 0.03 R
Rsd 0.2s 31ph/28stn Dmin 103km Az.gap 287°
Corr. 0.062 25M/14stn Msd 0.2 1↑

95/1814
FEB 06 0904 01.0s 37.84S 179.51E 12km M=3.7
1.3 0.06 0.08 R
Rsd 0.6s 8ph/6stn Dmin 110km Az.gap 297°
Corr. 0.288 5M/3stn Msd 0.3

95/1815
FEB 06 0906 01.0s 37.77S 179.38E 12km M=3.9
0.5 0.02 0.03 R
Rsd 0.2s 12ph/11stn Dmin 97km Az.gap 286°
Corr. -0.105 28M/22stn Msd 0.3 1↓

95/1816
FEB 06 0907 03.5s 37.64S 179.31E 12km M=3.5
0.4 0.02 0.02 R
Rsd 0.2s 5ph/4stn Dmin 89km Az.gap 313°
Corr. -0.178 5M/3stn Msd 0.3

95/1817
FEB 06 0912 49.3s 37.94S 179.48E 12km M=3.5
1.0 0.04 0.06 R
Rsd 0.5s 8ph/6stn Dmin 109km Az.gap 297°
Corr. 0.362 5M/3stn Msd 0.2

95/1818
FEB 06 0913 53.3s 37.89S 179.44E 12km M=4.2
0.3 0.01 0.02 R
Rsd 0.1s 16ph/14stn Dmin 105km Az.gap 286°
Corr. 0.106 31M/25stn Msd 0.3

95/1819
FEB 06 0917 30.0s 37.68S 179.56E 12km M=3.5
0.9 0.05 0.06 R
Rsd 0.4s 9ph/8stn Dmin 112km Az.gap 308°
Corr. 0.264 5M/5stn Msd 0.1

95/1820
FEB 06 0917 44.3s 37.86S 179.47E 12km M=3.9
0.5 0.02 0.03 R
Rsd 0.2s 11ph/8stn Dmin 107km Az.gap 299°
Corr. 0.074 7M/5stn Msd 0.3

95/1821
FEB 06 0919 14.7s 37.74S 179.35E 12km M=4.2
1.1 0.04 0.07 R
Rsd 0.4s 5ph/4stn Dmin 94km Az.gap 297°
Corr. -0.086 5M/3stn Msd 0.4

95/1822
FEB 06 0922 14.8s 37.45S 179.22E 12km M=4.8
0.3 0.02 0.02 R
Rsd 0.2s 32ph/31stn Dmin 83km Az.gap 286°
Corr. -0.211 30M/16stn Msd 0.2 1↓

95/1823
FEB 06 0924 32.1s 37.45S 179.17E 12km M=4.8
0.4 0.02 0.03 R
Rsd 0.2s 27ph/22stn Dmin 78km Az.gap 285°
Corr. -0.445 26M/14stn Msd 0.3 1↓

95/1824
FEB 06 0926 15.5s 37.80S 179.38E 12km M=4.1
0.3 0.02 0.02 R
Rsd 0.1s 13ph/11stn Dmin 97km Az.gap 287°
Corr. -0.596 20M/16stn Msd 0.3

95/1825
FEB 06 0929 37.3s 37.82S 179.44E 12km M=3.6
1.0 0.06 0.06 R
Rsd 0.5s 7ph/6stn Dmin 104km Az.gap 310°
Corr. -0.270 7M/5stn Msd 0.3 1↓

95/1826
FEB 06 0931 00.0s 37.86S 179.40E 12km M=4.4
0.4 0.02 0.03 R
Rsd 0.2s 30ph/28stn Dmin 101km Az.gap 286°
Corr. -0.036 22M/12stn Msd 0.2 1↑

95/1827
FEB 06 0932 03.4s 37.44S 179.17E 12km M=3.8
0.6 0.03 0.04 R
Rsd 0.3s 7ph/4stn Dmin 78km Az.gap 319°
Corr. -0.303 5M/3stn Msd 0.4

95/1828
FEB 06 0933 03.5s 37.78S 179.61E 12km M=3.8
1.2 0.07 0.07 R
Rsd 0.7s 10ph/6stn Dmin 117km Az.gap 303°
Corr. -0.198 7M/5stn Msd 0.2

95/1829
FEB 06 0933 21.0s 37.25S 178.69E 12km M=3.6
0.7 0.03 0.06 R
Rsd 0.2s 5ph/3stn Dmin 52km Az.gap 339°
Corr. -0.265 5M/3stn Msd 0.2

95/1830
FEB 06 0934 03.8s 37.51S 179.17E 12km M=3.6
0.5 0.02 0.03 R
Rsd 0.2s 5ph/4stn Dmin 77km Az.gap 317°
Corr. -0.094 5M/3stn Msd 0.2

95/1831
FEB 06 0934 59.5s 37.56S 179.27E 12km M=4.4
0.3 0.02 0.02 R
Rsd 0.1s 14ph/11stn Dmin 86km Az.gap 289°
Corr. -0.231 11M/6stn Msd 0.2 1↑

95/1832
FEB 06 0935 40.2s 37.68S 179.41E 12km M=4.3
0.4 0.03 0.03 R
Rsd 0.2s 18ph/14stn Dmin 98km Az.gap 297°
Corr. -0.117 12M/9stn Msd 0.2 1↓

95/1833
FEB 06 0941 01.1s 37.62S 179.46E 12km M=4.0
1.6 0.09 0.11 R
Rsd 0.7s 6ph/4stn Dmin 102km Az.gap 313°
Corr. -0.600 5M/3stn Msd 0.2

95/1834
FEB 06 0942 04.1s 37.77S 179.38E 12km M=4.0
0.7 0.03 0.04 R
Rsd 0.2s 13ph/12stn Dmin 97km Az.gap 287°
Corr. 0.330 28M/23stn Msd 0.2

95/1836
FEB 06 0948 56.0s 37.41S 179.22E 12km M=3.8
0.7 0.04 0.05 R
Rsd 0.3s 6ph/5stn Dmin 84km Az.gap 320°
Corr. -0.026 7M/5stn Msd 0.2

95/1839
FEB 06 0954 42.8s 37.68S 179.41E 12km M=3.9
0.5 0.03 0.03 R
Rsd 0.3s 11ph/10stn Dmin 98km Az.gap 303°
Corr. -0.061 24M/22stn Msd 0.3

95/1840
FEB 06 0956 28.7s 37.50S 179.36E 12km M=3.6
0.2 0.01 0.01 R
Rsd 0.1s 5ph/3stn Dmin 94km Az.gap 320°
Corr. -0.106 5M/3stn Msd 0.4

95/1841
FEB 06 1000 26.9s 37.54S 179.34E 12km M=3.9
0.9 0.04 0.06 R
Rsd 0.3s 15ph/14stn Dmin 92km Az.gap 287°
Corr. 0.173 32M/26stn Msd 0.2 1↓

95/1842
FEB 06 1001 51.2s 37.46S 179.28E 12km M=4.1
0.4 0.02 0.03 R
Rsd 0.2s 20ph/17stn Dmin 88km Az.gap 290°
Corr. 0.014 16M/11stn Msd 0.3 1↓

95/1843
FEB 06 1002 26.0s 37.66S 179.30E 12km M=4.2
0.5 0.03 0.04 R
Rsd 0.2s 15ph/14stn Dmin 89km Az.gap 285°
Corr. -0.129 30M/24stn Msd 0.3

95/1845
FEB 06 1006 12.7s 37.83S 179.39E 12km M=3.9
0.3 0.01 0.02 R
Rsd 0.1s 16ph/15stn Dmin 99km Az.gap 298°
Corr. 0.000 21M/17stn Msd 0.2 1↓

95/1846
FEB 06 1006 41.5s 37.47S 179.35E 12km M=3.7
0.6 0.03 0.04 R
Rsd 0.3s 8ph/7stn Dmin 94km Az.gap 315°
Corr. 0.025 7M/5stn Msd 0.3

95/1847
FEB 06 1008 32.4s 37.70S 179.47E 12km M=4.8
0.4 0.02 0.02 R
Rsd 0.1s 42ph/37stn Dmin 104km Az.gap 287°
Corr. 0.276 38M/20stn Msd 0.3 1↓

95/1848
FEB 06 1009 33.1s 37.57S 179.33E 12km M=4.3
0.5 0.03 0.04 R
Rsd 0.3s 22ph/18stn Dmin 91km Az.gap 289°
Corr. -0.100 8M/5stn Msd 0.2

95/1849
FEB 06 1010 24.2s 37.82S 179.43E 12km M=4.4
0.5 0.02 0.03 R
Rsd 0.2s 27ph/25stn Dmin 103km Az.gap 290°
Corr. 0.255 18M/11stn Msd 0.2

95/1851
FEB 06 1013 43.2s 37.83S 179.68E 12km M=3.8
0.7 0.04 0.04 R
Rsd 0.3s 4ph/3stn Dmin 124km Az.gap 316°
Corr. 0.089 5M/3stn Msd 0.3

95/1852
FEB 06 1017 03.8s 37.84S 179.44E 12km M=4.9
0.3 0.02 0.02 R
Rsd 0.2s 40ph/38stn Dmin 104km Az.gap 287°
Corr. 0.020 39M/21stn Msd 0.2 1↓

95/1853
FEB 06 1017 47.2s 37.85S 179.41E 12km M=4.5
0.3 0.02 0.02 R
Rsd 0.2s 23ph/20stn Dmin 102km Az.gap 286°
Corr. -0.302 26M/20stn Msd 0.3

95/1854
FEB 06 1019 48.6s 37.87S 179.40E 12km M=5.7
0.4 0.02 0.02 R
Rsd 0.2s 43ph/38stn Dmin 101km Az.gap 286°
Corr. 0.141 52M/27stn Msd 0.2 1↓

95/1855
FEB 06 1021 23.5s 37.75S 179.21E 12km M=4.5
0.3 0.01 0.02 R
Rsd 0.1s 16ph/15stn Dmin 82km Az.gap 292°
Corr. -0.093 5M/3stn Msd 0.3

95/1856
FEB 06 1022 49.4s 37.74S 179.38E 12km M=3.9
0.8 0.04 0.05 R
Rsd 0.3s 9ph/8stn Dmin 96km Az.gap 311°
Corr. -0.074 5M/3stn Msd 0.4

95/1857
FEB 06 1024 25.6s 37.94S 179.25E 12km M=4.0
0.8 0.02 0.05 R
Rsd 0.3s 10ph/7stn Dmin 89km Az.gap 290°
Corr. 0.127 6M/3stn Msd 0.1

95/1858
FEB 06 1024 52.9s 38.00S 179.48E 12km M=3.8
1.3 0.05 0.07 R
Rsd 0.5s 8ph/6stn Dmin 107km Az.gap 293°
Corr. -0.214 6M/4stn Msd 0.2

95/1859
FEB 06 1025 46.0s 37.66S 179.53E 12km M=3.6
1.6 0.10 0.10 R
Rsd 0.8s 7ph/5stn Dmin 109km Az.gap 310°
Corr. -0.386 4M/2stn Msd 0.3

95/1860
FEB 06 1026 19.9s 37.89S 179.42E 12km M=3.8
1.5 0.07 0.08 R
Rsd 0.7s 7ph/5stn Dmin 104km Az.gap 297°
Corr. -0.238 4M/2stn Msd 0.2

95/1861
FEB 06 1027 11.2s 37.85S 179.41E 12km M=4.7
0.5 0.02 0.03 R
Rsd 0.2s 29ph/28stn Dmin 102km Az.gap 286°
Corr. 0.289 23M/12stn Msd 0.2 1↑ 2↓

95/1862
FEB 06 1027 54.2s 37.70S 179.38E 12km M=4.2
0.7 0.03 0.05 R
Rsd 0.3s 12ph/10stn Dmin 96km Az.gap 288°
Corr. -0.295 12M/10stn Msd 0.3

95/1863
FEB 06 1030 15.1s 37.95S 179.38E 12km M=3.7
1.8 0.08 0.10 R
Rsd 0.8s 6ph/4stn Dmin 100km Az.gap 291°
Corr. -0.245 5M/3stn Msd 0.2

95/1864
FEB 06 1031 16.6s 37.77S 179.39E 12km M=3.6
1.2 0.05 0.07 R
Rsd 0.5s 7ph/5stn Dmin 98km Az.gap 302°
Corr. -0.297 5M/3stn Msd 0.3

95/1865
FEB 06 1031 39.0s 37.87S 179.40E 12km M=3.9
0.4 0.03 0.03 R
Rsd 0.2s 11ph/8stn Dmin 101km Az.gap 297°
Corr. -0.272 9M/7stn Msd 0.3

95/1866
FEB 06 1032 10.2s 37.86S 179.30E 12km M=4.2
0.6 0.03 0.04 R
Rsd 0.3s 12ph/9stn Dmin 93km Az.gap 285°
Corr. -0.143 28M/22stn Msd 0.2

95/1867
FEB 06 1034 47.1s 37.81S 179.50E 12km M=3.6
1.8 0.10 0.10 R
Rsd 0.9s 6ph/4stn Dmin 109km Az.gap 301°
Corr. -0.302 5M/3stn Msd 0.4

95/1868
FEB 06 1035 31.8s 37.74S 179.33E 12km M=3.7
0.2 0.01 0.01 R
Rsd 0.1s 5ph/3stn Dmin 92km Az.gap 309°
Corr. -0.275 5M/3stn Msd 0.3

95/1869
FEB 06 1037 26.8s 37.97S 179.45E 12km M=3.8
0.9 0.04 0.06 R
Rsd 0.5s 9ph/7stn Dmin 105km Az.gap 290°
Corr. 0.116 11M/7stn Msd 0.5

95/1870
FEB 06 1040 09.1s 37.85S 179.42E 12km M=4.7
0.4 0.02 0.03 R
Rsd 0.2s 35ph/30stn Dmin 103km Az.gap 286°
Corr. 0.104 28M/15stn Msd 0.2 1↑

95/1871
FEB 06 1042 10.9s 37.79S 179.37E 12km M=3.7
0.6 0.03 0.04 R
Rsd 0.3s 6ph/5stn Dmin 96km Az.gap 308°
Corr. 0.078 8M/6stn Msd 0.3

95/1872
FEB 06 1043 01.0s 37.78S 179.38E 12km M=3.6
0.2 0.01 0.01 R
Rsd 0.1s 4ph/3stn Dmin 97km Az.gap 309°
Corr. 0.168 5M/3stn Msd 0.3

95/1873
FEB 06 1043 51.5s 37.77S 179.54E 12km M=5.8
0.3 0.02 0.02 R
Rsd 0.2s 41ph/38stn Dmin 111km Az.gap 288°
Corr. -0.174 51M/26stn Msd 0.4 1↑

95/1874
FEB 06 1044 49.6s 37.89S 179.26E 12km M=5.2
0.6 0.03 0.04 R
Rsd 0.3s 16ph/15stn Dmin 90km Az.gap 288°
Corr. -0.129 10M/6stn Msd 0.2

95/1875
FEB 06 1046 56.6s 37.87S 179.23E 12km M=5.1
0.4 0.02 0.03 R
Rsd 0.2s 31ph/29stn Dmin 87km Az.gap 284°
Corr. -0.008 29M/17stn Msd 0.3

95/1876
FEB 06 1048 52.7s 37.48S 179.97E 12km M=4.3
1.2 0.05 0.08 R
Rsd 0.3s 7ph/6stn Dmin 148km Az.gap 312°
Corr. 0.350 9M/5stn Msd 0.3

95/1877
FEB 06 1050 30.9s 37.88S 179.32E 12km M=4.9
0.6 0.03 0.04 R
Rsd 0.3s 29ph/27stn Dmin 95km Az.gap 286°
Corr. 0.174 19M/10stn Msd 0.2 2↑ 1↓

95/1878
FEB 06 1050 58.7s 37.69S 178.90E 12km M=4.6
0.7 0.02 0.04 R
Rsd 0.3s 8ph/7stn Dmin 54km Az.gap 296°
Corr. 0.279 26M/21stn Msd 0.2

95/1879
FEB 06 1051 54.3s 37.81S 179.30E 12km M=4.1
0.8 0.03 0.05 R
Rsd 0.3s 9ph/8stn Dmin 91km Az.gap 306°
Corr. -0.009 7M/4stn Msd 0.1

95/1880
FEB 06 1052 20.6s 37.76S 179.74E 12km M=4.2
1.6 0.07 0.10 R
Rsd 0.6s 10ph/8stn Dmin 128km Az.gap 293°
Corr. -0.317 11M/9stn Msd 0.2

95/1881
FEB 06 1053 18.5s 37.60S 179.50E 12km M=4.7
0.0 R R R
Rsd 0.2s 17ph/15stn Dmin 106km Az.gap 290°
Corr. R 10M/6stn Msd 0.3

95/1882
FEB 06 1054 08.0s 37.86S 179.32E 12km M=4.5
0.5 0.03 0.04 R
Rsd 0.3s 13ph/12stn Dmin 94km Az.gap 287°
Corr. -0.221 23M/19stn Msd 0.2 1↓

95/1883
FEB 06 1054 25.3s 37.87S 179.28E 12km M=4.5
1.8 0.09 0.10 R
Rsd 0.7s 13ph/9stn Dmin 92km Az.gap 292°
Corr. -0.310 22M/16stn Msd 0.2

95/1884
FEB 06 1054 43.0s 37.82S 179.71E 12km M=4.4
0.5 0.04 0.03 R
Rsd 0.2s 11ph/9stn Dmin 127km Az.gap 297°
Corr. -0.481 21M/17stn Msd 0.2

95/1885
FEB 06 1055 19.7s 37.80S 179.77E 12km M=4.0
1.1 0.06 0.07 R
Rsd 0.4s 6ph/5stn Dmin 131km Az.gap 312°
Corr. -0.088 5M/3stn Msd 0.1

95/1886
FEB 06 1055 57.6s 37.86S 179.16E 12km M=3.8
1.3 0.05 0.08 R
Rsd 0.5s 4ph/3stn Dmin 81km Az.gap 298°
Corr. 0.138 6M/4stn Msd 0.2 1↓

95/1887
FEB 06 1058 52.5s 38.16S 179.20E 12km M=4.1
1.0 0.05 0.05 R
Rsd 0.5s 10ph/6stn Dmin 83km Az.gap 308°
Corr. 0.570 7M/5stn Msd 0.2

95/1888
FEB 06 1100 18.0s 37.79S 179.46E 12km M=4.4
0.7 0.04 0.04 R
Rsd 0.3s 12ph/10stn Dmin 105km Az.gap 291°
Corr. -0.227 8M/4stn Msd 0.2

95/1889
FEB 06 1100 51.7s 37.73S 179.32E 12km M=4.4
0.8 0.04 0.05 R
Rsd 0.3s 12ph/9stn Dmin 91km Az.gap 309°
Corr. -0.450 9M/7stn Msd 0.3

95/1890
FEB 06 1102 37.1s 37.68S 179.36E 12km M=4.4
0.6 0.04 0.04 R
Rsd 0.3s 23ph/21stn Dmin 94km Az.gap 286°
Corr. -0.288 14M/8stn Msd 0.2 1↓

95/1891
FEB 06 1103 07.6s 37.86S 179.22E 12km M=4.2
0.8 0.05 0.05 R
Rsd 0.3s 15ph/12stn Dmin 86km Az.gap 291°
Corr. -0.361 13M/9stn Msd 0.2

95/1892
FEB 06 1104 15.3s 37.84S 179.40E 12km M=4.3
0.5 0.03 0.03 R
Rsd 0.2s 12ph/10stn Dmin 100km Az.gap 290°
Corr. -0.412 10M/5stn Msd 0.2

95/1893
FEB 06 1104 45.5s 37.56S 179.13E 12km M=4.3
1.0 0.04 0.07 R
Rsd 0.4s 11ph/9stn Dmin 73km Az.gap 311°
Corr. -0.525 13M/9stn Msd 0.2

95/1894
FEB 06 1105 33.1s 37.40S 178.94E 12km M=4.1
1.3 0.07 0.09 R
Rsd 0.6s 5ph/3stn Dmin 61km Az.gap 322°
Corr. -0.210 4M/2stn Msd 0.2

95/1895
FEB 06 1106 53.8s 37.56S 179.20E 12km M=3.7
1.0 0.06 0.07 R
Rsd 0.6s 9ph/7stn Dmin 80km Az.gap 315°
Corr. -0.316 8M/6stn Msd 0.2

95/1896
FEB 06 1107 29.8s 37.97S 179.49E 12km M=3.8
1.0 0.07 0.06 R
Rsd 0.6s 6ph/4stn Dmin 109km Az.gap 309°
Corr. -0.070 6M/4stn Msd 0.2

95/1897
FEB 06 1108 09.1s 37.74S 179.39E 12km M=4.0
0.3 0.02 0.02 R
Rsd 0.1s 7ph/5stn Dmin 98km Az.gap 311°
Corr. -0.322 6M/4stn Msd 0.3

95/1898
FEB 06 1108 15.7s 37.78S 179.63E 12km M=4.1
0.8 0.06 0.04 R
Rsd 0.4s 6ph/4stn Dmin 119km Az.gap 317°
Corr. -0.276 6M/4stn Msd 0.3

95/1899
FEB 06 1111 00.6s 37.73S 179.31E 12km M=3.7
0.2 0.01 0.01 R
Rsd 0.1s 5ph/3stn Dmin 90km Az.gap 309°
Corr. -0.169 5M/3stn Msd 0.2

95/1901
FEB 06 1112 50.5s 37.77S 179.31E 20km M=4.0
0.7 0.03 0.04 3
Rsd 0.2s 13ph/11stn Dmin 91km Az.gap 296°
Corr. -0.641 27M/20stn Msd 0.2

95/1902
FEB 06 1115 16.5s 37.58S 179.82E 12km M=5.0
0.5 0.04 0.03 R
Rsd 0.2s 10ph/8stn Dmin 134km Az.gap 311°
Corr. -0.371 5M/3stn Msd 0.3 1↓

95/1903
FEB 06 1115 28.0s 37.83S 179.41E 12km M=4.6
0.4 0.03 0.02 R
Rsd 0.2s 12ph/9stn Dmin 101km Az.gap 295°
Corr. -0.385 15M/11stn Msd 0.2

95/1904
FEB 06 1115 37.9s 37.85S 179.45E 12km M=4.9
0.4 0.02 0.03 R
Rsd 0.2s 15ph/11stn Dmin 105km Az.gap 295°
Corr. -0.022 19M/15stn Msd 0.3

95/1906
FEB 06 1120 35.6s 37.65S 179.49E 12km M=3.9
0.7 0.05 0.04 R
Rsd 0.5s 9ph/7stn Dmin 105km Az.gap 309°
Corr. -0.221 6M/4stn Msd 0.3

95/1907
FEB 06 1122 59.5s 37.89S 179.42E 12km M=5.9
0.4 0.02 0.02 R
Rsd 0.2s 43ph/41stn Dmin 104km Az.gap 286°
Corr. -0.008 53M/27stn Msd 0.5

95/1908
FEB 06 1124 50.8s 37.76S 179.33E 12km M=5.2
0.3 0.03 0.02 R
Rsd 0.2s 28ph/26stn Dmin 93km Az.gap 289°
Corr. -0.471 11M/9stn Msd 0.5

95/1909
FEB 06 1127 49.4s 37.89S 179.32E 12km M=5.0
0.6 0.03 0.04 R
Rsd 0.2s 22ph/18stn Dmin 96km Az.gap 285°
Corr. 0.023 18M/9stn Msd 0.2

95/1910
FEB 06 1128 40.5s 38.01S 179.42E 12km M=4.1
1.2 0.04 0.06 R
Rsd 0.3s 7ph/5stn Dmin 102km Az.gap 290°
Corr. -0.127 9M/7stn Msd 0.3

95/1911
FEB 06 1129 28.0s 38.03S 179.07E 12km M=3.6
2.0 0.06 0.12 R
Rsd 0.7s 7ph/5stn Dmin 72km Az.gap 277°
Corr. -0.130 5M/3stn Msd 0.1

95/1912
FEB 06 1130 44.3s 37.73S 179.33E 12km M=4.2
0.5 0.02 0.03 R
Rsd 0.2s 6ph/4stn Dmin 92km Az.gap 310°
Corr. 0.110 8M/4stn Msd 0.3

95/1913
FEB 06 1132 50.4s 37.83S 179.27E 12km M=3.7
0.2 0.01 0.01 R
Rsd 0.1s 5ph/3stn Dmin 90km Az.gap 304°
Corr. -0.137 5M/3stn Msd 0.1

95/1915
FEB 06 1138 05.9s 37.90S 179.48E 12km M=4.1
1.0 0.06 0.05 R
Rsd 0.6s 10ph/6stn Dmin 110km Az.gap 296°
Corr. 0.208 8M/5stn Msd 0.3

95/1916
FEB 06 1139 17.6s 37.82S 179.28E 12km M=3.5
0.8 0.04 0.04 R
Rsd 0.4s 8ph/6stn Dmin 89km Az.gap 296°
Corr. -0.351 5M/3stn Msd 0.2 1↓

95/1917
FEB 06 1145 52.0s 37.91S 179.38E 12km M=4.0
0.6 0.03 0.03 R
Rsd 0.2s 11ph/8stn Dmin 100km Az.gap 291°
Corr. 0.156 7M/5stn Msd 0.2

95/1920
FEB 06 1151 03.0s 37.91S 179.31E 12km M=4.5
0.4 0.02 0.03 R
Rsd 0.2s 33ph/32stn Dmin 94km Az.gap 284°
Corr. 0.040 33M/17stn Msd 0.2

95/1921
FEB 06 1152 35.8s 37.92S 179.34E 12km M=3.7
0.7 0.03 0.04 R
Rsd 0.3s 12ph/11stn Dmin 97km Az.gap 285°
Corr. -0.072 5M/3stn Msd 0.2

95/1922
FEB 06 1153 00.1s 37.90S 179.33E 12km M=4.3
0.3 0.02 0.02 R
Rsd 0.1s 19ph/18stn Dmin 96km Az.gap 284°
Corr. -0.074 23M/16stn Msd 0.2

95/1923
FEB 06 1153 30.7s 37.87S 179.25E 12km M=4.6
0.7 0.03 0.04 R
Rsd 0.3s 18ph/16stn Dmin 89km Az.gap 284°
Corr. -0.091 9M/5stn Msd 0.2

95/1924
FEB 06 1155 30.7s 37.72S 179.35E 12km M=4.1
0.3 0.02 0.02 R
Rsd 0.1s 11ph/9stn Dmin 94km Az.gap 287°
Corr. -0.454 17M/15stn Msd 0.2

95/1925
FEB 06 1158 22.9s 38.07S 179.50E 12km M=3.8
0.7 0.05 0.04 R
Rsd 0.4s 8ph/6stn Dmin 109km Az.gap 291°
Corr. 0.134 6M/4stn Msd 0.3

95/1926
FEB 06 1159 50.1s 37.45S 179.27E 12km M=4.3
0.6 0.02 0.04 R
Rsd 0.1s 23ph/20stn Dmin 87km Az.gap 287°
Corr. 0.415 8M/4stn Msd 0.1 1↓

95/1927
FEB 06 1201 07.8s 37.86S 179.28E 12km M=3.8
0.5 0.02 0.03 R
Rsd 0.2s 15ph/13stn Dmin 91km Az.gap 288°
Corr. 0.098 19M/15stn Msd 0.2

95/1928
FEB 06 1202 32.4s 37.87S 179.33E 12km M=3.7
0.2 0.01 0.01 R
Rsd 0.1s 6ph/4stn Dmin 95km Az.gap 305°
Corr. -0.113 2M/2stn Msd 0.2

95/1929
FEB 06 1205 12.6s 37.82S 179.40E 12km M=4.1
0.8 0.03 0.05 R
Rsd 0.2s 15ph/14stn Dmin 100km Az.gap 296°
Corr. 0.063 9M/6stn Msd 0.1 1↓

95/1930
FEB 06 1205 58.8s 37.87S 179.29E 12km M=4.5
0.4 0.02 0.03 R
Rsd 0.2s 20ph/17stn Dmin 92km Az.gap 285°
Corr. -0.174 19M/10stn Msd 0.2

95/1931
FEB 06 1207 49.1s 37.83S 179.35E 12km M=5.1
0.2 0.02 0.02 R
Rsd 0.2s 40ph/37stn Dmin 96km Az.gap 285°
Corr. -0.289 44M/23stn Msd 0.2 1↑ 1↓

95/1932
FEB 06 1209 26.8s 37.69S 179.25E 12km M=4.8
0.4 0.03 0.02 R
Rsd 0.1s 14ph/12stn Dmin 84km Az.gap 290°
Corr. -0.667 34M/18stn Msd 0.2

95/1933
FEB 06 1211 34.6s 37.87S 179.35E 12km M=3.7
1.6 0.07 0.09 R
Rsd 0.7s 8ph/5stn Dmin 97km Az.gap 297°
Corr. -0.140 6M/4stn Msd 0.4

95/1935
FEB 06 1213 58.9s 37.97S 179.44E 12km M=4.0
0.8 0.05 0.04 R
Rsd 0.4s 8ph/6stn Dmin 104km Az.gap 290°
Corr. 0.253 5M/3stn Msd 0.3

95/1936
FEB 06 1214 50.7s 37.98S 179.27E 12km M=4.0
0.7 0.04 0.04 R
Rsd 0.4s 10ph/8stn Dmin 90km Az.gap 284°
Corr. 0.066 15M/13stn Msd 0.2

95/1938
FEB 06 1216 47.2s 37.97S 179.31E 12km M=3.8
1.0 0.06 0.06 R
Rsd 0.5s 7ph/5stn Dmin 93km Az.gap 291°
Corr. 0.328 6M/4stn Msd 0.2

95/1939
FEB 06 1217 47.9s 37.86S 179.28E 12km M=4.2
0.5 0.02 0.03 R
Rsd 0.2s 10ph/7stn Dmin 91km Az.gap 296°
Corr. -0.205 15M/10stn Msd 0.3

95/1940
FEB 06 1220 56.0s 37.91S 179.37E 12km M=4.5
0.3 0.02 0.02 R
Rsd 0.2s 32ph/30stn Dmin 99km Az.gap 286°
Corr. 0.115 31M/17stn Msd 0.2

95/1941
FEB 06 1222 25.6s 37.82S 179.27E 12km M=4.2
0.3 0.02 0.02 R
Rsd 0.1s 12ph/9stn Dmin 89km Az.gap 292°
Corr. -0.413 10M/6stn Msd 0.2

95/1942
FEB 06 1224 04.5s 37.82S 179.38E 12km M=4.0
0.5 0.02 0.03 R
Rsd 0.2s 11ph/9stn Dmin 98km Az.gap 298°
Corr. 0.063 14M/11stn Msd 0.3

95/1943
FEB 06 1226 48.2s 37.82S 179.51E 12km M=3.9
0.8 0.05 0.05 R
Rsd 0.5s 9ph/6stn Dmin 109km Az.gap 301°
Corr. 0.078 5M/3stn Msd 0.3

95/1944
FEB 06 1226 57.8s 38.01S 179.44E 12km M=3.6
1.0 0.05 0.06 R
Rsd 0.6s 9ph/5stn Dmin 104km Az.gap 292°
Corr. 0.102 6M/4stn Msd 0.2

95/1945
FEB 06 1230 13.0s 37.74S 179.33E 12km M=3.6
0.7 0.04 0.04 R
Rsd 0.3s 9ph/7stn Dmin 92km Az.gap 299°
Corr. -0.210 7M/5stn Msd 0.4

95/1946
FEB 06 1230 43.1s 37.85S 179.32E 12km M=4.6
0.4 0.02 0.03 R
Rsd 0.2s 15ph/13stn Dmin 94km Az.gap 285°
Corr. 0.009 16M/8stn Msd 0.1

95/1947
FEB 06 1232 49.7s 37.85S 179.30E 12km M=3.7
0.8 0.03 0.05 R
Rsd 0.3s 8ph/6stn Dmin 92km Az.gap 292°
Corr. 0.351 6M/4stn Msd 0.2

95/1948
FEB 06 1233 07.6s 37.76S 179.57E 12km M=3.9
0.6 0.04 0.03 R
Rsd 0.3s 10ph/7stn Dmin 113km Az.gap 302°
Corr. 0.107 6M/4stn Msd 0.4

95/1950
FEB 06 1233 37.6s 37.91S 179.17E 12km M=3.8
1.1 0.05 0.06 R
Rsd 0.5s 8ph/4stn Dmin 82km Az.gap 289°
Corr. -0.051 5M/3stn Msd 0.4

95/1951
FEB 06 1234 54.8s 37.86S 179.29E 12km M=4.4
0.3 0.02 0.02 R
Rsd 0.1s 22ph/19stn Dmin 92km Az.gap 285°
Corr. -0.184 12M/7stn Msd 0.2 1↓

95/1952
FEB 06 1238 23.3s 38.03S 179.30E 12km M=3.8
0.1 0.01 0.01 R
Rsd 0.1s 8ph/6stn Dmin 92km Az.gap 283°
Corr. 0.363 5M/3stn Msd 0.2

95/1953
FEB 06 1241 18.7s 37.80S 179.54E 12km M=3.9
1.0 0.06 0.05 R
Rsd 0.6s 5ph/3stn Dmin 111km Az.gap 304°
Corr. 0.022 4M/2stn Msd 0.4

95/1954
FEB 06 1242 48.0s 37.91S 179.33E 12km M=4.6
0.3 0.02 0.02 R
Rsd 0.2s 31ph/29stn Dmin 96km Az.gap 285°
Corr. -0.127 34M/19stn Msd 0.2

95/1955
FEB 06 1243 31.8s 38.04S 179.38E 12km M=4.0
1.3 0.06 0.06 R
Rsd 0.6s 6ph/4stn Dmin 99km Az.gap 289°
Corr. -0.158 4M/2stn Msd 0.2

95/1958
FEB 06 1245 38.9s 37.86S 179.35E 12km M=4.9
0.3 0.02 0.02 R
Rsd 0.2s 39ph/36stn Dmin 97km Az.gap 285°
Corr. 0.038 39M/21stn Msd 0.2 1↑

95/1959
FEB 06 1247 48.3s 37.61S 179.15E 12km M=3.8
0.3 0.02 0.02 R
Rsd 0.2s 5ph/3stn Dmin 75km Az.gap 310°
Corr. -0.166 5M/3stn Msd 0.1

95/1961
FEB 06 1251 37.4s 37.88S 179.31E 12km M=3.9
0.7 0.03 0.04 R
Rsd 0.4s 10ph/7stn Dmin 94km Az.gap 290°
Corr. 0.008 17M/12stn Msd 0.1

95/1962
FEB 06 1254 23.6s 37.93S 179.35E 12km M=4.2
0.4 0.02 0.02 R
Rsd 0.2s 21ph/19stn Dmin 97km Az.gap 292°
Corr. -0.063 12M/6stn Msd 0.1

95/1964
FEB 06 1257 39.6s 37.91S 179.31E 12km M=4.2
0.4 0.02 0.02 R
Rsd 0.2s 13ph/11stn Dmin 94km Az.gap 288°
Corr. -0.103 12M/7stn Msd 0.2 1↑

95/1965
FEB 06 1259 03.0s 37.87S 179.10E 12km M=3.6
2.4 0.07 0.15 R
Rsd 0.9s 10ph/7stn Dmin 76km Az.gap 288°
Corr. 0.667 3M/3stn Msd 0.1

95/1966
FEB 06 1302 13.9s 37.50S 179.38E 12km M=4.6
0.3 0.02 0.02 R
Rsd 0.1s 36ph/33stn Dmin 96km Az.gap 288°
Corr. -0.193 35M/19stn Msd 0.2 1↑ 2↓

95/1967
FEB 06 1303 37.1s 37.43S 179.12E 12km M=4.3
0.2 0.01 0.02 R
Rsd 0.1s 31ph/29stn Dmin 75km Az.gap 284°
Corr. -0.137 22M/12stn Msd 0.1

95/1968
FEB 06 1304 18.0s 37.87S 179.32E 12km M=4.1
0.8 0.04 0.05 R
Rsd 0.3s 17ph/16stn Dmin 95km Az.gap 286°
Corr. -0.074 17M/13stn Msd 0.2

95/1969
FEB 06 1310 16.2s 37.97S 179.38E 12km M=3.8
0.9 0.05 0.05 R
Rsd 0.3s 12ph/11stn Dmin 100km Az.gap 292°
Corr. -0.182 13M/11stn Msd 0.3

95/1970
FEB 06 1312 29.9s 37.82S 179.40E 12km M=4.6
0.4 0.02 0.02 R
Rsd 0.2s 27ph/25stn Dmin 100km Az.gap 286°
Corr. 0.162 29M/16stn Msd 0.2 1↑ 2↓

95/1971
FEB 06 1313 35.4s 37.74S 179.31E 12km M=3.9
0.7 0.04 0.05 R
Rsd 0.3s 18ph/17stn Dmin 90km Az.gap 302°
Corr. 0.007 13M/10stn Msd 0.2

95/1972
FEB 06 1318 15.5s 37.87S 179.35E 12km M=3.6
0.2 0.01 0.01 R
Rsd 0.1s 4ph/3stn Dmin 97km Az.gap 306°
Corr. 0.018 5M/3stn Msd 0.2

95/1973
FEB 06 1319 37.0s 37.67S 179.33E 12km M=3.9
0.6 0.03 0.03 R
Rsd 0.2s 4ph/3stn Dmin 92km Az.gap 313°
Corr. -0.116 5M/3stn Msd 0.4

95/1974
FEB 06 1322 46.5s 37.66S 179.36E 12km M=4.3
0.6 0.04 0.04 R
Rsd 0.2s 17ph/16stn Dmin 94km Az.gap 286°
Corr. -0.409 27M/21stn Msd 0.4 1↓

95/1975
FEB 06 1323 19.7s 37.16S 177.44E 5km M=4.3
0.2 0.02 0.01 R
Rsd 0.2s 25ph/18stn Dmin 47km Az.gap 188°
Corr. 0.311 13M/7stn Msd 0.2 1↑

95/1976
FEB 06 1323 21.4s 37.62S 179.46E 12km M=4.3
0.8 0.04 0.05 R
Rsd 0.3s 12ph/11stn Dmin 102km Az.gap 294°
Corr. 0.159 7M/5stn Msd 0.3

95/1977
FEB 06 1325 10.3s 37.45S 179.23E 12km M=4.2
0.9 0.04 0.07 R
Rsd 0.3s 11ph/9stn Dmin 84km Az.gap 286°
Corr. -0.577 13M/9stn Msd 0.4 1↓

95/1978
FEB 06 1325 51.6s 37.38S 179.13E 12km M=3.7
2.4 0.08 0.18 R
Rsd 0.9s 10ph/9stn Dmin 77km Az.gap 301°
Corr. 0.250 5M/3stn Msd 0.1

95/1980
FEB 06 1328 55.6s 37.75S 179.64E 12km M=4.0
2.0 0.10 0.11 R
Rsd 0.7s 8ph/6stn Dmin 119km Az.gap 305°
Corr. -0.378 6M/4stn Msd 0.2

95/1981
FEB 06 1329 24.6s 37.99S 179.29E 12km M=4.1
1.2 0.05 0.07 R
Rsd 0.6s 10ph/6stn Dmin 91km Az.gap 287°
Corr. 0.225 9M/5stn Msd 0.2

95/1983
FEB 06 1331 20.7s 37.70S 179.23E 12km M=3.8
0.1 0.00 0.00 R
Rsd 0.0s 5ph/3stn Dmin 83km Az.gap 308°
Corr. 0.005 5M/3stn Msd 0.2

95/1984
FEB 06 1331 56.7s 37.97S 179.35E 12km M=4.2
1.3 0.05 0.08 R
Rsd 0.6s 10ph/9stn Dmin 97km Az.gap 287°
Corr. 0.331 12M/8stn Msd 0.3

95/1986
FEB 06 1335 00.2s 37.75S 179.41E 12km M=4.9
0.4 0.02 0.03 R
Rsd 0.2s 40ph/35stn Dmin 99km Az.gap 287°
Corr. 0.295 38M/21stn Msd 0.2 1↑ 1↓

95/1987
FEB 06 1336 09.9s 37.73S 179.32E 12km M=4.0
0.6 0.03 0.04 R
Rsd 0.3s 16ph/15stn Dmin 91km Az.gap 290°
Corr. 0.053 7M/5stn Msd 0.1

95/1988
FEB 06 1336 53.0s 37.74S 179.53E 12km M=3.7
0.3 0.02 0.02 R
Rsd 0.1s 18ph/17stn Dmin 109km Az.gap 302°
Corr. -0.081 8M/6stn Msd 0.2

95/1989
FEB 06 1337 09.4s 37.54S 179.44E 12km M=3.9
0.4 0.02 0.03 R
Rsd 0.2s 12ph/10stn Dmin 120km Az.gap 308°
Corr. -0.319 13M/11stn Msd 0.3

95/1990
FEB 06 1338 50.9s 37.83S 179.27E 12km M=3.5
0.5 0.03 0.03 R
Rsd 0.3s 5ph/3stn Dmin 89km Az.gap 305°
Corr. -0.072 5M/3stn Msd 0.2

95/1991
FEB 06 1341 07.2s 37.85S 179.37E 12km M=4.7
0.3 0.02 0.02 R
Rsd 0.2s 37ph/35stn Dmin 98km Az.gap 285°
Corr. -0.250 35M/19stn Msd 0.2 1↑

95/1992
FEB 06 1343 31.1s 37.87S 179.34E 12km M=4.1
0.5 0.03 0.03 R
Rsd 0.3s 9ph/7stn Dmin 97km Az.gap 295°
Corr. 0.004 28M/24stn Msd 0.2

95/1994
FEB 06 1345 05.6s 37.83S 179.41E 12km M=4.1
1.0 0.07 0.06 R
Rsd 0.6s 10ph/7stn Dmin 101km Az.gap 296°
Corr. -0.338 28M/21stn Msd 0.3

95/1996
FEB 06 1347 27.5s 37.68S 179.45E 12km M=4.0
0.3 0.02 0.02 R
Rsd 0.2s 13ph/9stn Dmin 102km Az.gap 291°
Corr. -0.414 5M/3stn Msd 0.3

95/1997
FEB 06 1347 39.7s 37.89S 179.42E 12km M=4.1
0.2 0.01 0.01 R
Rsd 0.1s 12ph/9stn Dmin 103km Az.gap 296°
Corr. -0.248 23M/17stn Msd 0.2

95/1998
FEB 06 1352 36.1s 37.68S 179.42E 12km M=3.8
0.9 0.06 0.05 R
Rsd 0.4s 8ph/6stn Dmin 99km Az.gap 307°
Corr. -0.198 5M/3stn Msd 0.4

95/1999
FEB 06 1352 49.4s 37.75S 179.46E 12km M=3.8
0.7 0.04 0.04 R
Rsd 0.3s 9ph/6stn Dmin 104km Az.gap 304°
Corr. -0.060 5M/3stn Msd 0.3

95/2000
FEB 06 1354 17.8s 37.56S 179.24E 12km M=4.9
0.3 0.02 0.03 R
Rsd 0.2s 33ph/31stn Dmin 83km Az.gap 285°
Corr. -0.178 39M/20stn Msd 0.2 1↓

95/2001
FEB 06 1357 43.9s 37.79S 179.39E 12km M=3.9
1.1 0.05 0.06 R
Rsd 0.5s 10ph/7stn Dmin 98km Az.gap 301°
Corr. 0.133 6M/4stn Msd 0.3

95/2002
FEB 06 1400 46.3s 37.82S 179.43E 12km M=3.8
0.3 0.02 0.02 R
Rsd 0.2s 17ph/15stn Dmin 103km Az.gap 296°
Corr. -0.082 17M/16stn Msd 0.2 1↓

95/2003
FEB 06 1401 14.6s 37.85S 179.43E 12km M=3.7
0.5 0.02 0.03 R
Rsd 0.3s 10ph/7stn Dmin 103km Az.gap 296°
Corr. 0.036 8M/7stn Msd 0.2

95/2005
FEB 06 1402 38.6s 37.72S 179.41E 12km M=3.6
0.5 0.02 0.03 R
Rsd 0.2s 4ph/3stn Dmin 98km Az.gap 313°
Corr. -0.458 4M/3stn Msd 0.5

95/2008
FEB 06 1405 37.2s 37.75S 179.11E 12km M=3.9
0.4 0.02 0.02 R
Rsd 0.2s 5ph/3stn Dmin 73km Az.gap 301°
Corr. -0.158 7M/5stn Msd 0.2 1↑

95/2009
FEB 06 1412 55.7s 37.79S 179.36E 12km M=3.8
0.6 0.04 0.04 R
Rsd 0.3s 12ph/9stn Dmin 96km Az.gap 290°
Corr. -0.134 16M/13stn Msd 0.3

95/2010
FEB 06 1414 57.2s 37.75S 179.40E 12km M=4.3
0.2 0.01 0.01 R
Rsd 0.1s 23ph/22stn Dmin 99km Az.gap 286°
Corr. -0.324 15M/8stn Msd 0.2 1↓

95/2011
FEB 06 1415 39.7s 37.89S 179.40E 12km M=3.9
0.6 0.03 0.04 R
Rsd 0.2s 10ph/9stn Dmin 102km Az.gap 307°
Corr. -0.102 9M/7stn Msd 0.2

95/2012
FEB 06 1417 36.2s 37.53S 179.39E 12km M=3.8
0.2 0.01 0.02 R
Rsd 0.1s 21ph/20stn Dmin 96km Az.gap 287°
Corr. -0.133 17M/15stn Msd 0.2 2↑ 1↓

95/2013
FEB 06 1420 46.9s 37.54S 179.29E 12km M=4.1
1.3 0.06 0.09 R
Rsd 0.6s 9ph/8stn Dmin 88km Az.gap 314°
Corr. -0.087 8M/5stn Msd 0.3 1↓

95/2014
FEB 06 1421 42.1s 37.86S 179.37E 12km M=4.6
0.6 0.03 0.04 R
Rsd 0.3s 21ph/20stn Dmin 99km Az.gap 285°
Corr. 0.101 15M/8stn Msd 0.2 1↑

95/2016
FEB 06 1429 39.0s 37.48S 179.32E 12km M=3.9
0.5 0.03 0.03 R
Rsd 0.2s 11ph/8stn Dmin 91km Az.gap 314°
Corr. -0.240 16M/12stn Msd 0.3 1↑

95/2017
FEB 06 1433 29.2s 37.91S 179.31E 12km M=4.2
0.4 0.02 0.02 R
Rsd 0.2s 15ph/13stn Dmin 94km Az.gap 284°
Corr. -0.030 8M/4stn Msd 0.1 1↓

95/2018
FEB 06 1434 47.8s 37.44S 179.38E 12km M=4.0
0.4 0.02 0.03 R
Rsd 0.1s 12ph/10stn Dmin 97km Az.gap 287°
Corr. -0.394 29M/25stn Msd 0.3

95/2019
FEB 06 1437 24.1s 37.72S 179.63E 12km M=4.1
0.5 0.04 0.03 R
Rsd 0.2s 15ph/13stn Dmin 118km Az.gap 290°
Corr. -0.621 6M/4stn Msd 0.2

95/2020
FEB 06 1437 31.3s 37.52S 179.39E 12km M=4.4
0.5 0.05 0.05 R
Rsd 0.1s 16ph/14stn Dmin 97km Az.gap 287°
Corr. -0.875 10M/6stn Msd 0.3

95/2021
FEB 06 1441 06.0s 37.47S 179.33E 12km M=3.7
0.5 0.02 0.04 R
Rsd 0.2s 13ph/12stn Dmin 92km Az.gap 296°
Corr. -0.460 11M/9stn Msd 0.4 1↓

95/2023
FEB 06 1443 06.1s 37.93S 179.34E 12km M=4.5
0.3 0.02 0.02 R
Rsd 0.2s 32ph/29stn Dmin 96km Az.gap 285°
Corr. 0.007 27M/14stn Msd 0.2 1↑

95/2024
FEB 06 1446 41.1s 37.72S 179.45E 12km M=3.8
0.4 0.02 0.02 R
Rsd 0.2s 12ph/11stn Dmin 103km Az.gap 306°
Corr. -0.060 15M/11stn Msd 0.4 1↓

95/2025
FEB 06 1447 25.3s 37.69S 179.43E 12km M=3.7
0.6 0.03 0.04 R
Rsd 0.3s 6ph/5stn Dmin 100km Az.gap 314°
Corr. 0.189 7M/4stn Msd 0.5 1↑

95/2027
FEB 06 1449 57.2s 37.71S 179.39E 12km M=3.7
0.6 0.04 0.04 R
Rsd 0.3s 8ph/7stn Dmin 97km Az.gap 302°
Corr. -0.013 16M/14stn Msd 0.2

95/2028
FEB 06 1453 06.1s 37.99S 179.24E 12km M=4.1
0.6 0.02 0.04 R
Rsd 0.3s 14ph/13stn Dmin 86km Az.gap 282°
Corr. 0.092 8M/4stn Msd 0.1

95/2029
FEB 06 1454 30.9s 37.45S 179.17E 12km M=3.7
0.6 0.02 0.03 R
Rsd 0.2s 10ph/5stn Dmin 79km Az.gap 318°
Corr. -0.070 5M/3stn Msd 0.2 1↓

95/2030
FEB 06 1456 40.0s 37.88S 179.37E 12km M=3.7
0.4 0.02 0.02 R
Rsd 0.2s 10ph/8stn Dmin 99km Az.gap 292°
Corr. 0.140 19M/16stn Msd 0.2 1↓

95/2032
FEB 06 1457 57.9s 37.45S 179.35E 12km M=3.8
0.3 0.02 0.02 R
Rsd 0.1s 10ph/9stn Dmin 95km Az.gap 317°
Corr. -0.182 13M/10stn Msd 0.3 1↓

95/2034
FEB 06 1500 04.7s 37.91S 179.38E 12km M=3.8
1.3 0.05 0.08 R
Rsd 0.5s 7ph/6stn Dmin 100km Az.gap 296°
Corr. 0.068 8M/6stn Msd 0.2

95/2036
FEB 06 1506 47.7s 37.42S 179.22E 12km M=3.9
0.4 0.02 0.03 R
Rsd 0.1s 4ph/3stn Dmin 84km Az.gap 331°
Corr. -0.328 6M/3stn Msd 0.2 1↑

95/2037
FEB 06 1510 00.5s 37.88S 179.27E 12km M=3.7
0.8 0.03 0.05 R
Rsd 0.3s 11ph/7stn Dmin 91km Az.gap 293°
Corr. 0.117 7M/5stn Msd 0.2 1↑ 1↓

95/2038
FEB 06 1510 52.3s 37.93S 179.33E 12km M=4.8
0.3 0.02 0.02 R
Rsd 0.2s 43ph/40stn Dmin 95km Az.gap 285°
Corr. 0.000 39M/21stn Msd 0.2 1↑ 1↓

95/2039
FEB 06 1512 02.5s 37.89S 179.26E 12km M=4.1
0.3 0.02 0.02 R
Rsd 0.2s 29ph/26stn Dmin 91km Az.gap 285°
Corr. -0.274 27M/23stn Msd 0.3

95/2040
FEB 06 1513 02.2s 37.58S 179.47E 12km M=3.6
0.8 0.05 0.05 R
Rsd 0.4s 10ph/7stn Dmin 103km Az.gap 297°
Corr. -0.595 4M/4stn Msd 0.4

95/2042
FEB 06 1515 52.3s 37.75S 179.42E 12km M=3.9
0.6 0.03 0.04 R
Rsd 0.3s 27ph/25stn Dmin 100km Az.gap 300°
Corr. -0.043 37M/31stn Msd 0.2 1↓

95/2044
FEB 06 1519 11.4s 37.66S 179.55E 12km M=4.4
0.4 0.03 0.02 R
Rsd 0.2s 20ph/18stn Dmin 110km Az.gap 288°
Corr. -0.305 11M/8stn Msd 1.1 1↑

95/2045
FEB 06 1519 24.8s 37.80S 179.48E 12km M=5.9
0.4 0.02 0.03 R
Rsd 0.2s 48ph/44stn Dmin 107km Az.gap 287°
Corr. 0.259 52M/27stn Msd 0.4 10↑ 3↓
Felt Raumati South (65) MM4.

95/2046
FEB 06 1522 42.9s 37.47S 179.35E 12km M=4.5
0.4 0.02 0.03 R
Rsd 0.2s 29ph/27stn Dmin 94km Az.gap 287°
Corr. -0.293 48M/43stn Msd 0.4

95/2047
FEB 06 1526 34.0s 37.66S 179.54E 12km M=3.8
0.8 0.06 0.05 R
Rsd 0.5s 9ph/6stn Dmin 109km Az.gap 307°
Corr. -0.084 5M/3stn Msd 0.5

95/2048
FEB 06 1531 23.4s 37.41S 179.29E 12km M=3.8
0.4 0.02 0.03 R
Rsd 0.2s 23ph/21stn Dmin 89km Az.gap 286°
Corr. -0.182 29M/25stn Msd 0.2 2↑ 3↓

95/2049
FEB 06 1533 08.5s 37.66S 179.47E 12km M=3.9
0.4 0.02 0.03 R
Rsd 0.2s 21ph/20stn Dmin 103km Az.gap 288°
Corr. -0.269 22M/20stn Msd 0.3 2↑ 1↓

95/2050
FEB 06 1534 21.2s 37.89S 179.31E 12km M=4.3
0.5 0.02 0.03 R
Rsd 0.2s 20ph/19stn Dmin 95km Az.gap 285°
Corr. -0.007 12M/6stn Msd 0.1 1↑ 2↓

95/2051
FEB 06 1536 10.9s 37.83S 179.39E 12km M=4.2
0.4 0.02 0.03 R
Rsd 0.2s 24ph/21stn Dmin 99km Az.gap 287°
Corr. 0.184 10M/6stn Msd 0.2 1↓

95/2052
FEB 06 1538 03.4s 37.49S 179.33E 12km M=3.8
0.3 0.01 0.02 R
Rsd 0.1s 12ph/10stn Dmin 115km Az.gap 296°
Corr. -0.170 5M/3stn Msd 0.4

95/2053
FEB 06 1540 05.3s 37.95S 179.51E 12km M=3.9
0.8 0.03 0.05 R
Rsd 0.3s 10ph/7stn Dmin 111km Az.gap 292°
Corr. 0.402 8M/5stn Msd 0.2

95/2054
FEB 06 1540 11.6s 37.38S 179.31E 12km M=4.1
0.5 0.02 0.04 R
Rsd 0.1s 13ph/11stn Dmin 92km Az.gap 290°
Corr. -0.298 16M/12stn Msd 0.2

95/2055
FEB 06 1540 25.8s 37.50S 179.41E 12km M=4.2
0.7 0.04 0.05 R
Rsd 0.3s 11ph/9stn Dmin 99km Az.gap 291°
Corr. -0.002 10M/7stn Msd 0.2

95/2056
FEB 06 1541 40.1s 37.41S 179.27E 12km M=4.0
0.7 0.03 0.05 R
Rsd 0.3s 11ph/9stn Dmin 88km Az.gap 289°
Corr. 0.040 8M/6stn Msd 0.2

95/2057
FEB 06 1544 02.5s 37.87S 179.41E 12km M=4.1
0.9 0.03 0.07 R
Rsd 0.3s 18ph/17stn Dmin 102km Az.gap 294°
Corr. 0.318 9M/5stn Msd 0.1

95/2058
FEB 06 1545 33.8s 37.97S 179.33E 12km M=3.6
0.5 0.02 0.03 R
Rsd 0.2s 10ph/9stn Dmin 95km Az.gap 287°
Corr. 0.240 6M/4stn Msd 0.2 1↑

95/2059
FEB 06 1547 33.6s 37.89S 179.37E 12km M=3.7
0.5 0.03 0.03 R
Rsd 0.2s 12ph/9stn Dmin 99km Az.gap 292°
Corr. -0.016 20M/16stn Msd 0.3

95/2060
FEB 06 1549 00.1s 37.70S 179.40E 12km M=3.8
0.4 0.02 0.02 R
Rsd 0.2s 11ph/9stn Dmin 97km Az.gap 306°
Corr. -0.430 13M/11stn Msd 0.4 1↓

95/2061
FEB 06 1549 58.5s 37.78S 179.30E 12km M=3.6
0.4 0.02 0.03 R
Rsd 0.2s 8ph/6stn Dmin 91km Az.gap 300°
Corr. -0.081 7M/5stn Msd 0.3

95/2062
FEB 06 1552 15.2s 37.77S 179.37E 12km M=3.7
0.5 0.02 0.03 R
Rsd 0.2s 5ph/3stn Dmin 96km Az.gap 310°
Corr. -0.307 4M/3stn Msd 0.4 1↓

95/2063
FEB 06 1553 19.5s 37.73S 179.45E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.1s 22ph/20stn Dmin 103km Az.gap 302°
Corr. -0.134 31M/26stn Msd 0.3 1↓

95/2064
FEB 06 1558 38.2s 37.78S 179.49E 12km M=3.7
0.3 0.02 0.02 R
Rsd 0.2s 18ph/16stn Dmin 107km Az.gap 292°
Corr. -0.212 20M/18stn Msd 0.2 1↓

95/2065
FEB 06 1600 10.8s 37.72S 179.50E 12km M=3.7
0.6 0.04 0.03 R
Rsd 0.3s 8ph/6stn Dmin 106km Az.gap 315°
Corr. -0.162 7M/5stn Msd 0.5

95/2067
FEB 06 1600 44.8s 37.97S 179.32E 12km M=3.7
0.6 0.03 0.03 R
Rsd 0.3s 10ph/7stn Dmin 94km Az.gap 286°
Corr. 0.196 8M/6stn Msd 0.3

95/2068
FEB 06 1602 49.8s 37.98S 179.58E 12km M=4.0
1.2 0.09 0.07 R
Rsd 0.6s 13ph/10stn Dmin 116km Az.gap 293°
Corr. -0.235 18M/12stn Msd 0.3

95/2069
FEB 06 1603 45.3s 37.73S 179.40E 12km M=3.9
0.6 0.04 0.03 R
Rsd 0.2s 5ph/3stn Dmin 98km Az.gap 312°
Corr. -0.167 5M/3stn Msd 0.3

95/2070
FEB 06 1605 42.3s 37.86S 179.37E 12km M=4.1
0.4 0.02 0.03 R
Rsd 0.2s 22ph/19stn Dmin 99km Az.gap 292°
Corr. 0.048 11M/7stn Msd 0.1 1↓

95/2072
FEB 06 1611 54.6s 37.73S 179.45E 12km M=4.3
0.4 0.02 0.03 R
Rsd 0.2s 32ph/30stn Dmin 103km Az.gap 287°
Corr. -0.012 17M/10stn Msd 0.2 1↑ 4↓

95/2073
FEB 06 1612 43.9s 37.43S 179.29E 12km M=4.7
0.3 0.02 0.02 R
Rsd 0.1s 31ph/29stn Dmin 89km Az.gap 286°
Corr. -0.020 30M/17stn Msd 0.2 1↑ 3↓

95/2074
FEB 06 1614 06.4s 37.92S 179.35E 12km M=3.5
1.1 0.05 0.07 R
Rsd 0.4s 6ph/5stn Dmin 98km Az.gap 305°
Corr. -0.122 5M/3stn Msd 0.3

95/2075
FEB 06 1615 18.6s 37.54S 179.38E 12km M=3.7
0.6 0.03 0.04 R
Rsd 0.3s 12ph/10stn Dmin 96km Az.gap 301°
Corr. -0.071 11M/9stn Msd 0.2

95/2076
FEB 06 1619 12.0s 37.65S 179.42E 12km M=4.3
0.4 0.02 0.03 R
Rsd 0.2s 26ph/24stn Dmin 99km Az.gap 287°
Corr. 0.041 13M/9stn Msd 0.3 2↑ 3↓

95/2077
FEB 06 1620 35.9s 37.97S 179.32E 12km M=3.8
0.5 0.04 0.03 R
Rsd 0.2s 13ph/12stn Dmin 94km Az.gap 286°
Corr. -0.169 22M/19stn Msd 0.2

95/2081
FEB 06 1627 54.7s 37.80S 179.36E 12km M=3.7
0.7 0.03 0.04 R
Rsd 0.3s 7ph/6stn Dmin 96km Az.gap 303°
Corr. -0.309 5M/3stn Msd 0.2

95/2082
FEB 06 1631 20.5s 37.54S 179.39E 12km M=3.9
1.4 0.07 0.09 R
Rsd 0.7s 9ph/7stn Dmin 96km Az.gap 314°
Corr. 0.211 7M/4stn Msd 0.2 1↓

95/2083
FEB 06 1632 51.5s 37.47S 179.39E 12km M=5.1
0.3 0.01 0.02 R
Rsd 0.1s 39ph/37stn Dmin 97km Az.gap 288°
Corr. -0.156 43M/23stn Msd 0.2 1↓

95/2084
FEB 06 1634 42.1s 37.89S 179.29E 12km M=3.9
0.7 0.04 0.05 R
Rsd 0.3s 16ph/15stn Dmin 93km Az.gap 286°
Corr. -0.108 6M/4stn Msd 0.2

95/2085
FEB 06 1635 13.0s 37.51S 179.35E 12km M=4.3
0.5 0.02 0.03 R
Rsd 0.2s 22ph/21stn Dmin 93km Az.gap 287°
Corr. 0.008 9M/6stn Msd 0.1 1↓

95/2086
FEB 06 1637 18.1s 37.88S 179.33E 12km M=3.6
0.4 0.02 0.03 R
Rsd 0.2s 10ph/8stn Dmin 96km Az.gap 294°
Corr. 0.101 6M/4stn Msd 0.1 1↓

95/2087
FEB 06 1638 04.3s 37.49S 179.25E 12km M=4.0
0.8 0.03 0.06 R
Rsd 0.4s 10ph/9stn Dmin 85km Az.gap 289°
Corr. -0.066 10M/7stn Msd 0.3

95/2088
FEB 06 1639 18.2s 37.87S 179.32E 12km M=3.6
0.2 0.01 0.01 R
Rsd 0.1s 4ph/3stn Dmin 95km Az.gap 305°
Corr. 0.350 5M/3stn Msd 0.2

95/2090
FEB 06 1647 45.0s 37.47S 179.27E 12km M=4.3
0.4 0.02 0.03 R
Rsd 0.1s 19ph/17stn Dmin 87km Az.gap 289°
Corr. -0.523 13M/9stn Msd 0.2 1↑

95/2091
FEB 06 1649 25.2s 37.62S 179.46E 12km M=3.9
0.9 0.05 0.05 R
Rsd 0.4s 11ph/8stn Dmin 102km Az.gap 288°
Corr. -0.010 10M/6stn Msd 0.6

95/2092
FEB 06 1651 09.8s 37.65S 179.51E 12km M=4.0
0.2 0.02 0.02 R
Rsd 0.1s 19ph/16stn Dmin 107km Az.gap 288°
Corr. -0.368 31M/28stn Msd 0.3 1↓

95/2093
FEB 06 1652 20.1s 37.93S 179.33E 12km M=3.8
0.4 0.02 0.02 R
Rsd 0.2s 10ph/8stn Dmin 96km Az.gap 294°
Corr. -0.049 11M/9stn Msd 0.3

95/2094
FEB 06 1653 35.2s 37.68S 179.48E 12km M=4.6
0.3 0.01 0.02 R
Rsd 0.1s 30ph/27stn Dmin 104km Az.gap 288°
Corr. 0.035 25M/13stn Msd 0.3 1↓

95/2095
FEB 06 1655 20.1s 37.77S 179.29E 12km M=4.7
0.4 0.02 0.03 R
Rsd 0.2s 18ph/16stn Dmin 89km Az.gap 285°
Corr. -0.437 14M/7stn Msd 0.2

95/2096
FEB 06 1657 31.6s 37.94S 179.28E 12km M=3.7
0.4 0.02 0.02 R
Rsd 0.1s 11ph/9stn Dmin 91km Az.gap 287°
Corr. -0.128 9M/7stn Msd 0.1

95/2097
FEB 06 1700 42.4s 37.46S 179.38E 12km M=4.2
0.3 0.02 0.02 R
Rsd 0.1s 23ph/21stn Dmin 96km Az.gap 288°
Corr. -0.029 15M/9stn Msd 0.1

95/2098
FEB 06 1704 01.8s 37.94S 179.30E 12km M=4.1
0.4 0.02 0.03 R
Rsd 0.2s 21ph/20stn Dmin 93km Az.gap 287°
Corr. 0.123 8M/5stn Msd 0.2 1↑

95/2100
FEB 06 1717 26.4s 37.66S 179.41E 12km M=3.7
0.4 0.02 0.02 R
Rsd 0.1s 4ph/3stn Dmin 98km Az.gap 314°
Corr. 0.176 6M/4stn Msd 0.4

95/2101
FEB 06 1718 45.9s 37.76S 179.25E 12km M=3.6
1.9 0.06 0.11 R
Rsd 0.6s 5ph/4stn Dmin 85km Az.gap 301°
Corr. -0.063 6M/4stn Msd 0.3 1↓

95/2103
FEB 06 1721 43.0s 37.94S 179.44E 12km M=4.0
0.6 0.02 0.04 R
Rsd 0.3s 10ph/9stn Dmin 105km Az.gap 292°
Corr. 0.486 9M/6stn Msd 0.3 1↑

95/2104
FEB 06 1724 54.8s 37.78S 179.52E 12km M=4.4
0.4 0.02 0.03 R
Rsd 0.2s 40ph/38stn Dmin 110km Az.gap 288°
Corr. 0.056 18M/10stn Msd 0.2 4↑ 3↓

95/2105
FEB 06 1727 36.7s 37.47S 179.32E 12km M=3.8
0.6 0.02 0.04 R
Rsd 0.3s 10ph/9stn Dmin 91km Az.gap 296°
Corr. 0.040 11M/9stn Msd 0.3 1↑

95/2106
FEB 06 1732 05.8s 37.59S 179.51E 12km M=4.1
0.6 0.03 0.04 R
Rsd 0.3s 19ph/18stn Dmin 107km Az.gap 289°
Corr. -0.105 34M/28stn Msd 0.2 1↓

95/2107
FEB 06 1733 47.5s 37.66S 179.53E 12km M=4.2
0.6 0.03 0.04 R
Rsd 0.3s 11ph/9stn Dmin 108km Az.gap 289°
Corr. -0.010 10M/7stn Msd 0.5 1↓

95/2108
FEB 06 1738 17.5s 37.76S 179.48E 12km M=3.9
0.2 0.01 0.01 R
Rsd 0.1s 12ph/11stn Dmin 106km Az.gap 300°
Corr. 0.183 19M/15stn Msd 0.3

95/2109
FEB 06 1739 20.2s 37.83S 179.47E 12km M=3.6
0.8 0.05 0.05 R
Rsd 0.5s 10ph/9stn Dmin 110km Az.gap 307°
Corr. 0.082 4M/2stn Msd 0.3

95/2110
FEB 06 1745 10.1s 37.81S 179.44E 12km M=3.9
0.7 0.03 0.04 R
Rsd 0.3s 10ph/8stn Dmin 103km Az.gap 296°
Corr. 0.166 18M/16stn Msd 0.2 1↑ 2↓

95/2111
FEB 06 1747 00.8s 37.48S 179.33E 14km M=4.6
0.6 0.02 0.03 3
Rsd 0.1s 27ph/26stn Dmin 92km Az.gap 287°
Corr. 0.422 21M/11stn Msd 0.2 1↑ 5↓

95/2112
FEB 06 1748 34.1s 37.73S 179.80E 12km M=3.7
1.5 0.11 0.09 R
Rsd 0.8s 7ph/5stn Dmin 133km Az.gap 321°
Corr. -0.195 4M/2stn Msd 0.3

95/2113
FEB 06 1750 29.9s 37.67S 179.28E 12km M=4.2
0.5 0.04 0.03 R
Rsd 0.3s 11ph/9stn Dmin 87km Az.gap 286°
Corr. -0.412 20M/14stn Msd 0.3 1↑

95/2114
FEB 06 1758 20.1s 37.82S 179.38E 12km M=3.8
0.7 0.02 0.03 R
Rsd 0.3s 7ph/3stn Dmin 98km Az.gap 299°
Corr. -0.110 4M/2stn Msd 0.3

95/2115
FEB 06 1759 16.3s 37.56S 179.49E 12km M=3.9
1.0 0.05 0.07 R
Rsd 0.4s 10ph/6stn Dmin 105km Az.gap 291°
Corr. -0.262 7M/5stn Msd 0.2

95/2117
FEB 06 1803 34.4s 37.83S 179.37E 12km M=5.1
0.3 0.02 0.02 R
Rsd 0.2s 38ph/34stn Dmin 98km Az.gap 285°
Corr. -0.093 40M/21stn Msd 0.2 3↑ 3↓

95/2118
FEB 06 1812 58.2s 37.95S 179.37E 12km M=3.7
1.0 0.05 0.06 R
Rsd 0.5s 8ph/5stn Dmin 99km Az.gap 294°
Corr. 0.023 9M/7stn Msd 0.2 1↓

95/2119
FEB 06 1822 03.5s 37.40S 179.30E 12km M=4.0
0.4 0.02 0.03 R
Rsd 0.1s 12ph/9stn Dmin 91km Az.gap 290°
Corr. -0.332 14M/9stn Msd 0.2 1↓

95/2121
FEB 06 1844 22.7s 37.67S 179.62E 12km M=3.7
2.5 0.11 0.15 R
Rsd 0.8s 5ph/3stn Dmin 117km Az.gap 312°
Corr. 0.279 5M/3stn Msd 0.3

95/2122
FEB 06 1845 50.6s 37.65S 179.57E 12km M=3.9
2.0 0.12 0.12 R
Rsd 0.9s 5ph/4stn Dmin 112km Az.gap 312°
Corr. 0.235 4M/2stn Msd 0.3

95/2123
FEB 06 1847 03.4s 37.36S 179.11E 12km M=3.8
0.2 0.01 0.01 R
Rsd 0.1s 5ph/3stn Dmin 76km Az.gap 325°
Corr. -0.157 5M/3stn Msd 0.3

95/2124
FEB 06 1849 41.5s 37.61S 179.33E 12km M=4.1
1.1 0.03 0.07 R
Rsd 0.2s 12ph/11stn Dmin 91km Az.gap 286°
Corr. 0.642 16M/12stn Msd 0.3

95/2125
FEB 06 1852 40.2s 37.63S 179.42E 12km M=3.8
0.7 0.03 0.05 R
Rsd 0.3s 7ph/5stn Dmin 99km Az.gap 291°
Corr. -0.398 6M/4stn Msd 0.3

95/2126
FEB 06 1854 24.0s 37.63S 179.33E 12km M=3.8
1.0 0.04 0.07 R
Rsd 0.4s 8ph/6stn Dmin 91km Az.gap 290°
Corr. -0.504 5M/3stn Msd 0.3 1↓

95/2127
FEB 06 1855 17.1s 37.66S 179.27E 12km M=3.5
1.0 0.04 0.06 R
Rsd 0.4s 6ph/4stn Dmin 86km Az.gap 307°
Corr. -0.150 4M/2stn Msd 0.3

95/2128
FEB 06 1857 52.5s 37.84S 179.40E 12km M=3.6
0.4 0.02 0.02 R
Rsd 0.2s 7ph/5stn Dmin 100km Az.gap 309°
Corr. 0.092 12M/10stn Msd 0.2 2↑ 1↓

95/2129
FEB 06 1859 09.0s 37.78S 179.38E 12km M=4.0
0.7 0.04 0.04 R
Rsd 0.3s 12ph/10stn Dmin 98km Az.gap 304°
Corr. -0.191 14M/9stn Msd 0.2

95/2130
FEB 06 1900 24.0s 37.71S 179.45E 12km M=3.7
0.4 0.02 0.02 R
Rsd 0.2s 6ph/4stn Dmin 102km Az.gap 307°
Corr. 0.225 5M/3stn Msd 0.5

95/2131
FEB 06 1903 33.5s 37.67S 179.32E 12km M=3.9
0.2 0.01 0.01 R
Rsd 0.1s 5ph/3stn Dmin 90km Az.gap 312°
Corr. 0.083 5M/3stn Msd 0.3 1↓

95/2133
FEB 06 1907 27.9s 37.52S 179.51E 12km M=4.5
0.3 0.02 0.02 R
Rsd 0.1s 24ph/23stn Dmin 108km Az.gap 289°
Corr. -0.304 16M/9stn Msd 0.2 1↓

95/2134
FEB 06 1912 23.0s 37.52S 179.36E 12km M=4.5
0.2 0.01 0.02 R
Rsd 0.1s 28ph/24stn Dmin 94km Az.gap 287°
Corr. -0.334 14M/8stn Msd 0.2 3↑ 3↓

95/2135
FEB 06 1914 40.3s 37.79S 179.31E 12km M=3.7
0.3 0.01 0.02 R
Rsd 0.1s 4ph/3stn Dmin 92km Az.gap 307°
Corr. 0.177 4M/2stn Msd 0.2

95/2136
FEB 06 1919 05.3s 37.48S 179.27E 12km M=5.2
0.4 0.02 0.03 R
Rsd 0.2s 32ph/30stn Dmin 87km Az.gap 286°
Corr. -0.216 36M/19stn Msd 0.3 1↓

95/2137
FEB 06 1920 44.5s 37.81S 179.47E 12km M=3.6
0.7 0.04 0.04 R
Rsd 0.4s 15ph/13stn Dmin 105km Az.gap 292°
Corr. -0.121 10M/10stn Msd 0.2

95/2138
FEB 06 1924 33.4s 37.51S 179.46E 12km M=3.6
0.8 0.05 0.06 R
Rsd 0.3s 5ph/3stn Dmin 103km Az.gap 335°
Corr. -0.673 5M/3stn Msd 0.3

95/2139
FEB 06 1935 30.1s 37.79S 179.42E 12km M=4.1
0.8 0.04 0.05 R
Rsd 0.5s 10ph/7stn Dmin 101km Az.gap 287°
Corr. -0.207 8M/6stn Msd 0.3 1↑ 1↓

95/2141
FEB 06 1940 33.0s 37.92S 179.29E 12km M=3.7
0.4 0.02 0.02 R
Rsd 0.2s 12ph/9stn Dmin 92km Az.gap 292°
Corr. -0.050 10M/8stn Msd 0.3 1↑

95/2142
FEB 06 1941 42.9s 37.48S 179.36E 12km M=4.1
0.4 0.03 0.03 R
Rsd 0.2s 12ph/8stn Dmin 95km Az.gap 297°
Corr. -0.515 26M/21stn Msd 0.2 1↑

95/2143
FEB 06 1944 45.1s 37.71S 179.27E 12km M=3.6
0.2 0.01 0.01 R
Rsd 0.1s 5ph/3stn Dmin 86km Az.gap 308°
Corr. -0.430 5M/3stn Msd 0.2

95/2144
FEB 06 1946 52.0s 37.53S 179.25E 12km M=4.0
0.2 0.01 0.01 R
Rsd 0.1s 5ph/3stn Dmin 84km Az.gap 317°
Corr. -0.414 5M/3stn Msd 0.3

95/2145
FEB 06 1949 48.1s 37.61S 179.52E 12km M=4.1
1.1 0.05 0.07 R
Rsd 0.4s 8ph/7stn Dmin 107km Az.gap 292°
Corr. -0.274 9M/5stn Msd 0.2

95/2146
FEB 06 1951 15.1s 37.50S 179.41E 12km M=4.1
0.3 0.02 0.02 R
Rsd 0.1s 12ph/11stn Dmin 99km Az.gap 291°
Corr. -0.145 11M/7stn Msd 0.2

95/2147
FEB 06 1952 09.3s 37.52S 179.43E 12km M=4.2
0.5 0.03 0.04 R
Rsd 0.2s 11ph/10stn Dmin 100km Az.gap 293°
Corr. -0.085 11M/6stn Msd 0.1 1↓
Two events.

95/2148
FEB 06 1954 31.3s 37.74S 179.41E 12km M=3.6
0.0 0.00 0.00 R
Rsd 0.0s 4ph/3stn Dmin 99km Az.gap 311°
Corr. 0.044 5M/3stn Msd 0.3

95/2149
FEB 06 2018 30.7s 37.75S 179.32E 12km M=4.2
0.5 0.03 0.03 R
Rsd 0.3s 14ph/12stn Dmin 91km Az.gap 290°
Corr. 0.025 28M/23stn Msd 0.4 1↑

95/2150
FEB 06 2019 30.5s 37.92S 179.36E 12km M=3.7
0.7 0.04 0.04 R
Rsd 0.3s 6ph/5stn Dmin 99km Az.gap 301°
Corr. 0.067 5M/3stn Msd 0.2

95/2151
FEB 06 2023 58.5s 37.91S 179.36E 12km M=4.6
0.4 0.02 0.02 R
Rsd 0.2s 27ph/26stn Dmin 98km Az.gap 285°
Corr. 0.262 15M/9stn Msd 0.2 1↑ 3↓

95/2152
FEB 06 2024 46.7s 37.90S 179.29E 12km M=3.8
0.8 0.04 0.05 R
Rsd 0.3s 8ph/7stn Dmin 93km Az.gap 290°
Corr. 0.178 5M/3stn Msd 0.3

95/2153
FEB 06 2026 32.1s 37.83S 179.37E 12km M=4.5
0.5 0.02 0.03 R
Rsd 0.2s 13ph/12stn Dmin 97km Az.gap 285°
Corr. 0.137 12M/6stn Msd 0.1

95/2155
FEB 06 2032 46.0s 37.56S 179.45E 12km M=4.5
0.2 0.02 0.01 R
Rsd 0.1s 20ph/18stn Dmin 102km Az.gap 287°
Corr. -0.058 16M/9stn Msd 0.4 1↓

95/2158
FEB 06 2052 27.9s 37.63S 179.32E 12km M=3.8
0.4 0.02 0.02 R
Rsd 0.2s 5ph/3stn Dmin 90km Az.gap 313°
Corr. -0.153 7M/5stn Msd 0.4

95/2159
FEB 06 2057 02.9s 37.69S 179.30E 12km M=3.8
0.2 0.01 0.01 R
Rsd 0.1s 5ph/3stn Dmin 89km Az.gap 311°
Corr. -0.285 6M/4stn Msd 0.3 1↑ 1↓

95/2160
FEB 06 2059 49.7s 37.83S 179.38E 12km M=3.7
0.5 0.03 0.03 R
Rsd 0.3s 15ph/12stn Dmin 99km Az.gap 298°
Corr. 0.037 16M/12stn Msd 0.3 1↓

95/2161
FEB 06 2103 28.0s 37.58S 179.44E 12km M=4.3
0.2 0.01 0.01 R
Rsd 0.1s 26ph/23stn Dmin 100km Az.gap 287°
Corr. -0.024 12M/7stn Msd 0.2 1↓

95/2162
FEB 06 2106 21.1s 37.83S 179.35E 12km M=3.5
0.3 0.01 0.02 R
Rsd 0.1s 6ph/5stn Dmin 96km Az.gap 307°
Corr. 0.048 6M/4stn Msd 0.2 1↑ 1↓

95/2164
FEB 06 2117 50.2s 37.93S 179.30E 12km M=3.9
0.4 0.02 0.03 R
Rsd 0.2s 13ph/11stn Dmin 93km Az.gap 288°
Corr. 0.345 20M/16stn Msd 0.1 1↓

95/2166
FEB 06 2121 13.3s 37.88S 179.30E 12km M=3.6
0.4 0.02 0.02 R
Rsd 0.2s 5ph/3stn Dmin 93km Az.gap 304°
Corr. 0.053 5M/3stn Msd 0.2 1↑

95/2167
FEB 06 2121 32.3s 37.54S 179.39E 12km M=4.2
1.0 0.07 0.06 R
Rsd 0.5s 5ph/3stn Dmin 96km Az.gap 318°
Corr. -0.461 5M/3stn Msd 0.4

95/2168
FEB 06 2121 57.1s 37.87S 179.31E 12km M=4.2
0.2 0.01 0.01 R
Rsd 0.1s 11ph/9stn Dmin 94km Az.gap 290°
Corr. -0.064 18M/14stn Msd 0.2 1↑

95/2169
FEB 06 2122 48.7s 37.69S 179.30E 12km M=3.8
0.1 0.01 0.01 R
Rsd 0.0s 5ph/3stn Dmin 89km Az.gap 311°
Corr. -0.260 5M/3stn Msd 0.2

95/2170
FEB 06 2123 48.7s 37.62S 179.28E 12km M=3.7
0.2 0.01 0.01 R
Rsd 0.1s 5ph/3stn Dmin 87km Az.gap 312°
Corr. -0.197 5M/3stn Msd 0.3

95/2172
FEB 06 2130 23.7s 37.61S 179.52E 12km M=3.9
1.3 0.09 0.08 R
Rsd 0.7s 7ph/6stn Dmin 107km Az.gap 314°
Corr. 0.014 8M/6stn Msd 0.4

95/2178
FEB 06 2207 37.9s 37.47S 179.24E 12km M=4.0
0.4 0.02 0.03 R
Rsd 0.2s 15ph/12stn Dmin 165km Az.gap 289°
Corr. 0.054 12M/9stn Msd 0.2 1↓

95/2180
FEB 06 2213 20.5s 37.83S 179.32E 12km M=3.7
0.9 0.04 0.06 R
Rsd 0.3s 19ph/16stn Dmin 196km Az.gap 310°
Corr. 0.495 13M/12stn Msd 0.3

95/2182
FEB 06 2215 44.9s 37.64S 179.26E 12km M=4.4
0.4 0.02 0.03 R
Rsd 0.2s 30ph/27stn Dmin 153km Az.gap 283°
Corr. 0.288 17M/11stn Msd 0.2 1↓

95/2183
FEB 06 2220 14.4s 37.58S 179.28E 12km M=3.9
1.4 0.06 0.09 R
Rsd 0.1s 20ph/19stn Dmin 86km Az.gap 283°
Corr. 0.904 31M/28stn Msd 0.2 1↓

95/2184
FEB 06 2221 20.8s 37.52S 179.57E 12km M=3.9
1.2 0.06 0.08 R
Rsd 0.3s 15ph/13stn Dmin 181km Az.gap 288°
Corr. 0.244 20M/18stn Msd 0.2

95/2185
FEB 06 2230 56.0s 37.83S 179.47E 12km M=3.8
1.3 0.06 0.08 R
Rsd 0.4s 13ph/11stn Dmin 106km Az.gap 293°
Corr. 0.804 12M/10stn Msd 0.3 1↓

95/2186
FEB 06 2232 41.6s 37.63S 179.59E 12km M=3.8
2.2 0.10 0.13 R
Rsd 0.3s 10ph/9stn Dmin 114km Az.gap 309°
Corr. 0.941 13M/11stn Msd 0.2 1↓

95/2187
FEB 06 2240 41.3s 37.51S 179.26E 12km M=4.1
0.6 0.03 0.04 R
Rsd 0.2s 23ph/22stn Dmin 85km Az.gap 282°
Corr. 0.798 44M/37stn Msd 0.2 1↑ 2↓

95/2188
FEB 06 2255 35.8s 37.96S 178.69E 12km M=3.6
1.0 0.02 0.08 R
Rsd 0.3s 13ph/12stn Dmin 53km Az.gap 248°
Corr. 0.551 18M/16stn Msd 0.2 1↑

95/2190
FEB 06 2312 34.6s 37.54S 179.46E 12km M=3.6
0.8 0.04 0.06 R
Rsd 0.5s 10ph/7stn Dmin 103km Az.gap 293°
Corr. -0.059 8M/6stn Msd 0.1

95/2191
FEB 06 2313 07.1s 37.62S 179.43E 12km M=3.9
0.9 0.04 0.06 R
Rsd 0.5s 7ph/5stn Dmin 100km Az.gap 292°
Corr. -0.166 6M/4stn Msd 0.3

95/2192
FEB 06 2315 02.7s 37.48S 179.38E 12km M=3.7
0.4 0.02 0.03 R
Rsd 0.2s 17ph/15stn Dmin 96km Az.gap 285°
Corr. -0.478 20M/20stn Msd 0.2 2↑ 1↓

95/2193
FEB 06 2320 05.0s 37.82S 179.32E 12km M=3.9
0.7 0.03 0.04 R
Rsd 0.3s 4ph/3stn Dmin 94km Az.gap 307°
Corr. -0.084 4M/3stn Msd 0.2 1↓

95/2194
FEB 06 2321 06.5s 37.72S 179.40E 12km M=4.4
0.6 0.03 0.04 R
Rsd 0.3s 22ph/20stn Dmin 98km Az.gap 285°
Corr. 0.079 10M/6stn Msd 0.3 1↑

95/2195
FEB 06 2325 37.3s 37.49S 179.48E 12km M=4.0
0.3 0.03 0.02 R
Rsd 0.1s 10ph/9stn Dmin 105km Az.gap 289°
Corr. -0.213 23M/21stn Msd 0.2 1↓

95/2196
FEB 06 2337 34.0s 37.94S 179.34E 12km M=3.7
0.9 0.04 0.06 R
Rsd 0.5s 9ph/7stn Dmin 97km Az.gap 290°
Corr. 0.243 9M/9stn Msd 0.2

95/2198
FEB 06 2345 32.1s 37.80S 179.34E 12km M=3.7
0.2 0.01 0.01 R
Rsd 0.1s 4ph/3stn Dmin 94km Az.gap 308°
Corr. -0.244 3M/3stn Msd 0.2 1↓

95/2199
FEB 06 2348 13.8s 37.79S 179.37E 12km M=4.2
0.3 0.01 0.02 R
Rsd 0.2s 32ph/31stn Dmin 97km Az.gap 284°
Corr. 0.004 11M/7stn Msd 0.1

95/2201
FEB 06 2356 59.3s 37.74S 179.45E 12km M=4.4
0.4 0.02 0.03 R
Rsd 0.3s 28ph/26stn Dmin 102km Az.gap 287°
Corr. 0.100 10M/6stn Msd 0.2 1↑ 5↓

95/2202
FEB 06 2357 44.8s 37.54S 179.33E 12km M=4.0
0.4 0.02 0.03 R
Rsd 0.2s 14ph/12stn Dmin 92km Az.gap 291°
Corr. -0.087 9M/7stn Msd 0.2

95/2203
FEB 06 2358 35.7s 37.68S 179.41E 12km M=4.1
0.3 0.02 0.02 R
Rsd 0.2s 22ph/19stn Dmin 98km Az.gap 285°
Corr. -0.174 34M/29stn Msd 0.2

95/2205
FEB 07 0002 09.0s 37.52S 179.24E 12km M=3.6
1.2 0.07 0.08 R
Rsd 0.6s 6ph/4stn Dmin 84km Az.gap 317°
Corr. -0.048 3M/3stn Msd 0.2

95/2207
FEB 07 0007 43.4s 37.63S 179.59E 12km M=3.7
1.3 0.09 0.08 R
Rsd 0.8s 7ph/5stn Dmin 114km Az.gap 313°
Corr. -0.014 6M/4stn Msd 0.5

95/2208
FEB 07 0017 03.1s 37.73S 179.39E 12km M=3.9
0.2 0.01 0.01 R
Rsd 0.1s 13ph/11stn Dmin 97km Az.gap 301°
Corr. 0.238 17M/16stn Msd 0.3 1↑ 1↓

95/2209
FEB 07 0028 48.2s 37.76S 179.57E 12km M=3.6
1.1 0.07 0.06 R
Rsd 0.6s 9ph/7stn Dmin 113km Az.gap 308°
Corr. 0.197 7M/7stn Msd 0.2

95/2211
FEB 07 0033 17.5s 37.77S 179.56E 12km M=3.6
1.2 0.07 0.07 R
Rsd 0.7s 7ph/4stn Dmin 113km Az.gap 306°
Corr. 0.071 5M/5stn Msd 0.2 1↓

95/2212
FEB 07 0037 55.9s 37.89S 179.42E 12km M=3.6
0.5 0.03 0.03 R
Rsd 0.2s 6ph/3stn Dmin 104km Az.gap 330°
Corr. -0.130 3M/3stn Msd 0.2

95/2213
FEB 07 0041 16.2s 37.82S 179.36E 12km M=4.4
0.3 0.02 0.02 R
Rsd 0.2s 39ph/36stn Dmin 97km Az.gap 284°
Corr. 0.265 17M/10stn Msd 0.2 1↑ 1↓

95/2214
FEB 07 0043 00.7s 37.91S 179.34E 12km M=4.0
0.4 0.02 0.02 R
Rsd 0.2s 18ph/16stn Dmin 97km Az.gap 283°
Corr. 0.231 31M/27stn Msd 0.2

95/2215
FEB 07 0047 38.9s 37.71S 179.46E 12km M=4.1
0.3 0.02 0.02 R
Rsd 0.2s 27ph/24stn Dmin 103km Az.gap 293°
Corr. 0.124 38M/33stn Msd 0.2 1↓

95/2216
FEB 07 0049 05.9s 37.86S 179.33E 12km M=3.5
0.2 0.01 0.01 R
Rsd 0.1s 11ph/9stn Dmin 95km Az.gap 288°
Corr. 0.009 8M/8stn Msd 0.2 1↑ 1↓

95/2217
FEB 07 0055 16.4s 37.91S 179.48E 12km M=3.6
0.8 0.04 0.04 R
Rsd 0.4s 5ph/3stn Dmin 109km Az.gap 298°
Corr. 0.077 2M/2stn Msd 0.1 1↓

95/2218
FEB 07 0058 56.2s 37.77S 179.39E 12km M=3.7
0.4 0.02 0.02 R
Rsd 0.2s 11ph/8stn Dmin 98km Az.gap 299°
Corr. 0.354 8M/8stn Msd 0.2

95/2219
FEB 07 0104 18.2s 37.44S 179.41E 12km M=4.3
0.3 0.02 0.02 R
Rsd 0.1s 29ph/26stn Dmin 100km Az.gap 285°
Corr. -0.154 13M/7stn Msd 0.2 1↑ 2↓

95/2220
FEB 07 0104 36.4s 37.54S 179.38E 12km M=4.1
0.9 0.05 0.06 R
Rsd 0.4s 10ph/9stn Dmin 95km Az.gap 309°
Corr. 0.206 9M/9stn Msd 0.1

95/2221
FEB 07 0106 04.0s 37.85S 179.38E 12km M=3.9
0.4 0.02 0.02 R
Rsd 0.2s 13ph/11stn Dmin 99km Az.gap 292°
Corr. 0.096 10M/9stn Msd 0.2

95/2222
FEB 07 0107 05.8s 37.52S 179.47E 12km M=4.0
0.3 0.02 0.02 R
Rsd 0.2s 18ph/14stn Dmin 104km Az.gap 287°
Corr. -0.103 18M/16stn Msd 0.2 1↓

95/2223
FEB 07 0108 41.9s 37.90S 179.44E 12km M=3.8
0.4 0.02 0.02 R
Rsd 0.2s 10ph/8stn Dmin 106km Az.gap 287°
Corr. 0.225 9M/8stn Msd 0.3 1↓

95/2224
FEB 07 0112 06.5s 37.60S 179.40E 12km M=3.9
0.4 0.03 0.03 R
Rsd 0.2s 18ph/16stn Dmin 97km Az.gap 285°
Corr. -0.369 36M/33stn Msd 0.2 1↓

95/2227
FEB 07 0125 18.6s 37.74S 179.32E 12km M=4.2
0.3 0.02 0.02 R
Rsd 0.2s 25ph/23stn Dmin 91km Az.gap 285°
Corr. -0.030 8M/5stn Msd 0.2 1↓

95/2229
FEB 07 0142 02.6s 37.55S 179.49E 12km M=4.6
0.3 0.02 0.02 R
Rsd 0.2s 28ph/24stn Dmin 105km Az.gap 286°
Corr. -0.069 17M/10stn Msd 0.2 1↑ 3↓

95/2230
FEB 07 0147 55.7s 37.60S 177.45E 12km M=3.7
0.8 0.03 0.05 R
Rsd 0.4s 6ph/3stn Dmin 75km Az.gap 294°
Corr. 0.013 5M/3stn Msd 0.5 1↓

95/2231
FEB 07 0157 39.8s 37.76S 179.32E 12km M=3.7
0.2 0.01 0.01 R
Rsd 0.1s 10ph/8stn Dmin 91km Az.gap 298°
Corr. -0.078 12M/10stn Msd 0.4 1↑ 2↓

95/2233
FEB 07 0205 29.2s 37.97S 179.27E 12km M=4.0
0.2 0.01 0.01 R
Rsd 0.1s 15ph/13stn Dmin 90km Az.gap 283°
Corr. 0.296 9M/8stn Msd 0.2

95/2234
FEB 07 0205 43.5s 37.96S 179.29E 12km M=4.3
0.4 0.02 0.03 R
Rsd 0.2s 14ph/13stn Dmin 91km Az.gap 284°
Corr. 0.426 26M/22stn Msd 0.2

95/2235
FEB 07 0207 33.4s 37.84S 179.41E 12km M=4.2
0.3 0.03 0.02 R
Rsd 0.2s 30ph/27stn Dmin 101km Az.gap 287°
Corr. -0.070 12M/7stn Msd 0.1 1↑

95/2237
FEB 07 0213 49.4s 37.67S 179.28E 12km M=4.1
0.3 0.03 0.02 R
Rsd 0.2s 12ph/10stn Dmin 87km Az.gap 284°
Corr. -0.165 32M/27stn Msd 0.2 2↑ 1↓

95/2238
FEB 07 0221 27.5s 37.76S 179.35E 12km M=4.1
0.6 0.05 0.03 R
Rsd 0.3s 13ph/12stn Dmin 94km Az.gap 286°
Corr. -0.056 18M/13stn Msd 0.4 1↓

95/2241
FEB 07 0227 27.8s 37.67S 179.37E 12km M=3.7
0.4 0.02 0.02 R
Rsd 0.2s 10ph/8stn Dmin 94km Az.gap 307°
Corr. 0.009 11M/11stn Msd 0.2

95/2242
FEB 07 0227 59.5s 37.53S 179.32E 12km M=3.8
0.6 0.04 0.04 R
Rsd 0.3s 9ph/7stn Dmin 91km Az.gap 317°
Corr. 0.056 8M/7stn Msd 0.2

95/2243
FEB 07 0230 46.8s 37.90S 179.41E 12km M=3.5
0.5 0.03 0.03 R
Rsd 0.3s 6ph/4stn Dmin 103km Az.gap 307°
Corr. -0.280 4M/4stn Msd 0.3

95/2244
FEB 07 0234 10.1s 37.86S 179.39E 12km M=3.7
0.2 0.01 0.01 R
Rsd 0.2s 13ph/11stn Dmin 100km Az.gap 294°
Corr. 0.282 14M/10stn Msd 0.1 1↑ 1↓

95/2245
FEB 07 0234 56.3s 37.87S 179.39E 12km M=3.9
0.2 0.01 0.01 R
Rsd 0.1s 11ph/8stn Dmin 101km Az.gap 291°
Corr. -0.394 10M/10stn Msd 0.3 1↓

95/2246
FEB 07 0236 17.9s 37.72S 179.45E 12km M=3.6
0.7 0.03 0.04 R
Rsd 0.4s 8ph/5stn Dmin 103km Az.gap 293°
Corr. 0.016 5M/3stn Msd 0.4 1↓

95/2247
FEB 07 0236 46.6s 37.64S 179.60E 12km M=3.9
0.7 0.04 0.05 R
Rsd 0.3s 6ph/4stn Dmin 114km Az.gap 295°
Corr. -0.350 6M/4stn Msd 0.4

95/2248
FEB 07 0242 41.3s 37.80S 179.37E 12km M=4.6
0.4 0.02 0.02 R
Rsd 0.2s 44ph/40stn Dmin 97km Az.gap 284°
Corr. 0.253 30M/16stn Msd 0.2 3↑ 2↓

95/2250
FEB 07 0253 57.3s 37.78S 179.38E 12km M=4.4
0.3 0.02 0.02 R
Rsd 0.2s 20ph/18stn Dmin 97km Az.gap 286°
Corr. 0.065 11M/6stn Msd 0.1 1↑ 1↓

95/2251
FEB 07 0256 13.9s 37.93S 179.36E 12km M=5.4
0.3 0.01 0.02 R
Rsd 0.2s 43ph/41stn Dmin 98km Az.gap 283°
Corr. 0.397 36M/19stn Msd 0.3 1↓

95/2252
FEB 07 0257 05.6s 37.95S 179.26E 12km M=4.0
1.0 0.05 0.06 R
Rsd 0.5s 10ph/7stn Dmin 90km Az.gap 287°
Corr. 0.205 49M/49stn Msd 0.3

95/2253
FEB 07 0259 53.4s 37.95S 179.35E 12km M=3.8
0.6 0.04 0.03 R
Rsd 0.4s 12ph/10stn Dmin 97km Az.gap 288°
Corr. 0.070 18M/16stn Msd 0.3 1↓

95/2254
FEB 07 0301 38.2s 37.85S 179.32E 12km M=4.1
0.4 0.03 0.03 R
Rsd 0.2s 16ph/14stn Dmin 94km Az.gap 286°
Corr. 0.073 22M/17stn Msd 0.4 1↓

95/2255
FEB 07 0302 23.8s 37.82S 179.26E 12km M=3.7
0.4 0.02 0.02 R
Rsd 0.2s 8ph/6stn Dmin 88km Az.gap 304°
Corr. -0.290 7M/7stn Msd 0.3

95/2256
FEB 07 0305 38.1s 37.84S 179.53E 12km M=3.5
0.7 0.05 0.03 R
Rsd 0.4s 7ph/5stn Dmin 112km Az.gap 302°
Corr. 0.178 5M/5stn Msd 0.2

95/2257
FEB 07 0307 42.7s 37.64S 179.67E 12km M=5.0
1.1 0.04 0.07 R
Rsd 0.2s 34ph/34stn Dmin 121km Az.gap 288°
Corr. 0.894 30M/16stn Msd 0.2 2↑ 1↓

95/2258
FEB 07 0309 36.2s 37.90S 179.57E 12km M=3.8
0.9 0.05 0.05 R
Rsd 0.4s 9ph/7stn Dmin 117km Az.gap 301°
Corr. -0.427 20M/20stn Msd 0.3

95/2259
FEB 07 0310 13.9s 38.00S 179.68E 12km M=3.7
1.6 0.11 0.08 R
Rsd 0.7s 7ph/5stn Dmin 125km Az.gap 299°
Corr. 0.088 13M/13stn Msd 0.2

95/2260
FEB 07 0314 09.6s 37.66S 179.32E 12km M=3.8
0.8 0.04 0.05 R
Rsd 0.3s 11ph/9stn Dmin 91km Az.gap 309°
Corr. -0.226 15M/15stn Msd 0.2

95/2261
FEB 07 0315 52.7s 37.85S 179.37E 12km M=3.5
0.2 0.01 0.01 R
Rsd 0.1s 5ph/3stn Dmin 98km Az.gap 307°
Corr. -0.294 3M/3stn Msd 0.1
Two events.

95/2262
FEB 07 0315 55.1s 37.72S 179.37E 12km M=3.7
0.7 0.04 0.04 R
Rsd 0.3s 6ph/4stn Dmin 95km Az.gap 311°
Corr. -0.340 4M/4stn Msd 0.1

95/2264
FEB 07 0318 41.0s 37.96S 179.26E 12km M=3.7
0.4 0.02 0.03 R
Rsd 0.2s 11ph/9stn Dmin 89km Az.gap 286°
Corr. 0.195 10M/10stn Msd 0.2

95/2265
FEB 07 0325 34.5s 37.60S 179.45E 12km M=4.1
0.3 0.02 0.02 R
Rsd 0.1s 17ph/14stn Dmin 102km Az.gap 286°
Corr. -0.301 34M/27stn Msd 0.2

95/2267
FEB 07 0334 46.6s 37.83S 179.41E 12km M=4.9
0.2 0.01 0.01 R
Rsd 0.2s 44ph/41stn Dmin 101km Az.gap 285°
Corr. 0.053 37M/20stn Msd 0.2 1↓

95/2269
FEB 07 0340 01.8s 37.87S 179.42E 12km M=3.9
0.7 0.04 0.04 R
Rsd 0.5s 7ph/4stn Dmin 103km Az.gap 302°
Corr. -0.094 5M/3stn Msd 0.2

95/2270
FEB 07 0340 13.5s 37.68S 179.50E 12km M=4.2
0.6 0.03 0.04 R
Rsd 0.3s 8ph/7stn Dmin 106km Az.gap 294°
Corr. 0.038 8M/6stn Msd 0.3

95/2271
FEB 07 0345 10.8s 37.92S 179.32E 12km M=4.0
0.5 0.02 0.03 R
Rsd 0.3s 13ph/12stn Dmin 95km Az.gap 290°
Corr. 0.324 20M/16stn Msd 0.2 2↑ 1↓

95/2272
FEB 07 0352 58.2s 37.87S 179.37E 12km M=3.6
0.4 0.02 0.02 R
Rsd 0.2s 10ph/9stn Dmin 99km Az.gap 294°
Corr. 0.379 7M/7stn Msd 0.2 1↑

95/2273
FEB 07 0358 35.2s 37.67S 179.36E 12km M=3.9
0.2 0.01 0.01 R
Rsd 0.1s 4ph/3stn Dmin 94km Az.gap 313°
Corr. -0.301 5M/3stn Msd 0.6

95/2274
FEB 07 0401 28.0s 37.95S 179.32E 12km M=3.7
0.4 0.02 0.02 R
Rsd 0.2s 13ph/12stn Dmin 95km Az.gap 288°
Corr. 0.429 11M/11stn Msd 0.2 1↓

95/2277
FEB 07 0406 53.4s 37.51S 179.48E 12km M=3.8
0.3 0.02 0.02 R
Rsd 0.1s 19ph/18stn Dmin 105km Az.gap 312°
Corr. -0.074 16M/15stn Msd 0.3 1↑ 1↓

95/2278
FEB 07 0407 54.3s 37.93S 179.35E 12km M=3.6
0.6 0.03 0.03 R
Rsd 0.3s 11ph/10stn Dmin 97km Az.gap 291°
Corr. 0.270 4M/4stn Msd 0.2 1↓

95/2279
FEB 07 0410 08.9s 37.58S 179.40E 12km M=3.7
0.2 0.01 0.01 R
Rsd 0.1s 12ph/11stn Dmin 97km Az.gap 291°
Corr. -0.160 14M/13stn Msd 0.3

95/2280
FEB 07 0411 25.3s 37.49S 179.22E 12km M=4.1
0.3 0.02 0.02 R
Rsd 0.1s 10ph/9stn Dmin 82km Az.gap 309°
Corr. 0.234 12M/10stn Msd 0.4

95/2281
FEB 07 0417 12.0s 37.73S 179.17E 12km M=3.6
0.4 0.03 0.03 R
Rsd 0.2s 12ph/11stn Dmin 78km Az.gap 281°
Corr. -0.036 13M/13stn Msd 0.2 1↓

95/2282
FEB 07 0421 46.7s 37.89S 179.36E 12km M=3.9
0.4 0.02 0.03 R
Rsd 0.2s 15ph/14stn Dmin 99km Az.gap 284°
Corr. 0.262 24M/21stn Msd 0.2 1↓

95/2283
FEB 07 0422 37.8s 37.71S 179.31E 12km M=3.9
0.1 0.01 0.01 R
Rsd 0.0s 15ph/13stn Dmin 90km Az.gap 285°
Corr. 0.152 17M/14stn Msd 0.2

95/2285
FEB 07 0431 18.6s 37.60S 179.33E 12km M=3.8
0.3 0.02 0.02 R
Rsd 0.1s 10ph/8stn Dmin 91km Az.gap 306°
Corr. -0.108 9M/9stn Msd 0.2

95/2286
FEB 07 0435 30.7s 37.82S 179.55E 12km M=3.6
0.9 0.05 0.05 R
Rsd 0.5s 6ph/3stn Dmin 113km Az.gap 304°
Corr. 0.060 3M/3stn Msd 0.3 1↑ 1↓

95/2287
FEB 07 0438 15.0s 37.56S 179.33E 12km M=4.0
0.5 0.03 0.04 R
Rsd 0.2s 14ph/12stn Dmin 91km Az.gap 290°
Corr. -0.150 20M/19stn Msd 0.2

95/2288
FEB 07 0439 05.4s 37.48S 179.38E 12km M=4.6
0.2 0.01 0.02 R
Rsd 0.1s 26ph/23stn Dmin 96km Az.gap 285°
Corr. -0.498 15M/9stn Msd 0.2 3↑ 1↓

95/2291
FEB 07 0442 44.5s 37.51S 179.49E 12km M=4.1
0.3 0.02 0.02 R
Rsd 0.2s 15ph/13stn Dmin 105km Az.gap 287°
Corr. -0.143 30M/23stn Msd 0.2 1↓

95/2293
FEB 07 0447 30.8s 37.51S 179.33E 12km M=4.9
0.3 0.02 0.02 R
Rsd 0.2s 32ph/29stn Dmin 91km Az.gap 284°
Corr. -0.052 21M/12stn Msd 0.2 1↑ 3↓

95/2294
FEB 07 0450 19.4s 37.97S 179.24E 12km M=4.3
0.4 0.02 0.03 R
Rsd 0.3s 16ph/14stn Dmin 87km Az.gap 282°
Corr. 0.191 8M/4stn Msd 0.1

95/2295
FEB 07 0456 06.3s 37.52S 179.53E 12km M=4.2
0.4 0.03 0.03 R
Rsd 0.2s 22ph/19stn Dmin 109km Az.gap 287°
Corr. -0.320 20M/16stn Msd 0.2

95/2296
FEB 07 0456 27.0s 37.48S 179.49E 12km M=4.8
0.3 0.01 0.02 R
Rsd 0.1s 31ph/29stn Dmin 106km Az.gap 287°
Corr. 0.029 21M/12stn Msd 0.2 3↑ 1↓

95/2299
FEB 07 0533 54.0s 37.84S 179.44E 12km M=4.5
0.4 0.02 0.02 R
Rsd 0.2s 32ph/28stn Dmin 104km Az.gap 285°
Corr. 0.148 20M/11stn Msd 0.3 1↓

95/2306
FEB 07 0601 26.2s 37.80S 179.40E 12km M=4.3
0.4 0.02 0.03 R
Rsd 0.3s 22ph/20stn Dmin 100km Az.gap 285°
Corr. 0.093 14M/8stn Msd 0.2 1↑ 4↓

95/2307
FEB 07 0603 33.0s 37.57S 179.41E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.2s 15ph/14stn Dmin 98km Az.gap 286°
Corr. 0.093 15M/15stn Msd 0.2 1↓

95/2308
FEB 07 0613 12.2s 37.86S 179.39E 12km M=3.6
0.4 0.02 0.02 R
Rsd 0.2s 8ph/7stn Dmin 101km Az.gap 295°
Corr. 0.249 4M/4stn Msd 0.3

95/2309
FEB 07 0614 08.3s 37.97S 179.26E 12km M=4.0
1.9 0.08 0.11 R
Rsd 0.9s 7ph/6stn Dmin 89km Az.gap 287°
Corr. 0.050 9M/5stn Msd 0.3

95/2310
FEB 07 0614 41.8s 37.67S 179.32E 12km M=3.8
1.0 0.05 0.06 R
Rsd 0.4s 7ph/5stn Dmin 91km Az.gap 312°
Corr. -0.085 6M/5stn Msd 0.4

95/2312
FEB 07 0621 55.4s 37.93S 179.30E 12km M=3.8
0.7 0.03 0.04 R
Rsd 0.3s 9ph/8stn Dmin 93km Az.gap 286°
Corr. 0.397 18M/16stn Msd 0.2

95/2314
FEB 07 0634 01.6s 37.67S 179.37E 12km M=4.0
0.4 0.02 0.02 R
Rsd 0.2s 7ph/4stn Dmin 95km Az.gap 302°
Corr. -0.206 5M/3stn Msd 0.5 1↓

95/2315
FEB 07 0635 05.6s 37.51S 179.49E 12km M=4.5
0.3 0.02 0.02 R
Rsd 0.1s 27ph/24stn Dmin 105km Az.gap 289°
Corr. -0.255 16M/9stn Msd 0.3 1↑ 4↓

95/2316
FEB 07 0640 22.0s 37.91S 179.35E 12km M=3.5
1.2 0.07 0.07 R
Rsd 0.7s 6ph/4stn Dmin 97km Az.gap 296°
Corr. 0.115 3M/3stn Msd 0.2 1↑ 1↓

95/2319
FEB 07 0656 32.6s 37.82S 179.37E 12km M=3.9
0.4 0.02 0.02 R
Rsd 0.2s 16ph/14stn Dmin 97km Az.gap 291°
Corr. 0.110 21M/15stn Msd 0.2 1↓

95/2324
FEB 07 0702 51.5s 37.66S 179.36E 12km M=3.8
0.3 0.03 0.02 R
Rsd 0.2s 10ph/8stn Dmin 94km Az.gap 309°
Corr. -0.544 10M/8stn Msd 0.5 1↑

95/2325
FEB 07 0704 19.5s 37.83S 179.59E 12km M=4.0
1.3 0.07 0.07 R
Rsd 0.7s 10ph/7stn Dmin 117km Az.gap 301°
Corr. -0.150 6M/4stn Msd 0.5

95/2326
FEB 07 0709 04.3s 37.78S 179.51E 12km M=4.0
0.4 0.03 0.02 R
Rsd 0.3s 11ph/8stn Dmin 108km Az.gap 298°
Corr. -0.105 8M/6stn Msd 0.5

95/2329
FEB 07 0717 40.3s 37.64S 179.45E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.1s 11ph/8stn Dmin 102km Az.gap 292°
Corr. -0.600 13M/11stn Msd 0.4 1↑

95/2330
FEB 07 0726 50.0s 37.90S 179.32E 12km M=3.8
0.4 0.02 0.02 R
Rsd 0.2s 13ph/11stn Dmin 95km Az.gap 290°
Corr. 0.372 13M/13stn Msd 0.2 1↓

95/2331
FEB 07 0728 12.5s 37.71S 179.44E 12km M=3.6
0.6 0.03 0.03 R
Rsd 0.3s 10ph/8stn Dmin 101km Az.gap 303°
Corr. 0.160 3M/3stn Msd 0.5 1↓

95/2334
FEB 07 0740 06.8s 37.46S 179.41E 12km M=4.1
0.6 0.02 0.04 R
Rsd 0.2s 6ph/4stn Dmin 99km Az.gap 307°
Corr. -0.622 5M/3stn Msd 0.5

95/2336
FEB 07 0753 27.3s 37.88S 179.43E 12km M=3.6
0.4 0.03 0.02 R
Rsd 0.3s 13ph/11stn Dmin 104km Az.gap 295°
Corr. 0.234 7M/7stn Msd 0.2 1↑

95/2337
FEB 07 0753 59.1s 37.74S 179.39E 12km M=4.3
0.3 0.02 0.02 R
Rsd 0.2s 15ph/13stn Dmin 97km Az.gap 287°
Corr. 0.263 12M/6stn Msd 0.3 1↓

95/2338
FEB 07 0756 44.9s 37.92S 179.33E 12km M=3.7
0.3 0.02 0.02 R
Rsd 0.2s 11ph/9stn Dmin 96km Az.gap 290°
Corr. 0.349 9M/9stn Msd 0.1

95/2341
FEB 07 0802 18.1s 37.49S 179.27E 12km M=3.8
0.8 0.05 0.05 R
Rsd 0.4s 6ph/4stn Dmin 87km Az.gap 319°
Corr. -0.118 5M/3stn Msd 0.6

95/2342
FEB 07 0810 52.4s 37.90S 179.28E 12km M=3.8
0.4 0.02 0.03 R
Rsd 0.3s 12ph/10stn Dmin 92km Az.gap 289°
Corr. 0.285 12M/11stn Msd 0.2 1↓

95/2343
FEB 07 0814 49.6s 37.84S 179.39E 12km M=4.9
0.3 0.02 0.02 R
Rsd 0.2s 35ph/32stn Dmin 100km Az.gap 286°
Corr. 0.023 34M/18stn Msd 0.2 1↓

95/2344
FEB 07 0816 20.3s 37.60S 179.36E 12km M=4.0
0.3 0.02 0.02 R
Rsd 0.2s 11ph/9stn Dmin 93km Az.gap 285°
Corr. -0.199 7M/6stn Msd 0.3

95/2345
FEB 07 0817 00.9s 37.78S 179.63E 12km M=3.6
0.5 0.03 0.03 R
Rsd 0.3s 9ph/7stn Dmin 119km Az.gap 297°
Corr. 0.023 3M/2stn Msd 0.2

95/2349
FEB 07 0827 59.1s 37.92S 179.27E 12km M=3.6
0.4 0.02 0.02 R
Rsd 0.2s 9ph/7stn Dmin 91km Az.gap 286°
Corr. 0.182 6M/6stn Msd 0.2 1↑ 1↓

95/2353
FEB 07 0837 09.0s 37.39S 179.25E 12km M=3.9
0.5 0.03 0.04 R
Rsd 0.2s 8ph/6stn Dmin 87km Az.gap 321°
Corr. -0.235 5M/5stn Msd 0.6 1↓

95/2355
FEB 07 0843 24.1s 37.83S 179.32E 12km M=3.7
0.5 0.02 0.03 R
Rsd 0.2s 9ph/7stn Dmin 94km Az.gap 294°
Corr. 0.110 7M/6stn Msd 0.2 1↑ 2↓

95/2357
FEB 07 0846 56.2s 37.48S 179.48E 12km M=3.8
0.4 0.03 0.03 R
Rsd 0.2s 17ph/15stn Dmin 105km Az.gap 302°
Corr. -0.439 6M/6stn Msd 0.3

95/2358
FEB 07 0847 30.0s 37.95S 179.25E 12km M=3.6
0.4 0.02 0.02 R
Rsd 0.2s 11ph/9stn Dmin 88km Az.gap 294°
Corr. 0.178 7M/7stn Msd 0.2 1↓

95/2359
FEB 07 0852 32.8s 37.49S 179.44E 12km M=4.1
0.2 0.02 0.02 R
Rsd 0.1s 19ph/17stn Dmin 102km Az.gap 287°
Corr. -0.542 30M/23stn Msd 0.2 1↑ 2↓

95/2361
FEB 07 0905 39.1s 37.97S 179.27E 12km M=3.5
0.4 0.02 0.03 R
Rsd 0.3s 10ph/9stn Dmin 89km Az.gap 285°
Corr. 0.364 7M/7stn Msd 0.2 1↓

95/2362
FEB 07 0906 22.1s 37.89S 179.27E 12km M=3.7
0.4 0.02 0.03 R
Rsd 0.2s 8ph/7stn Dmin 91km Az.gap 298°
Corr. 0.157 7M/7stn Msd 0.1

95/2363
FEB 07 0908 53.2s 37.89S 179.26E 12km M=4.3
0.5 0.03 0.04 R
Rsd 0.3s 28ph/26stn Dmin 90km Az.gap 282°
Corr. 0.118 13M/8stn Msd 0.1 1↑ 3↓

95/2367
FEB 07 0926 35.5s 37.69S 179.58E 12km M=4.0
0.4 0.02 0.03 R
Rsd 0.2s 19ph/18stn Dmin 113km Az.gap 287°
Corr. -0.007 33M/28stn Msd 0.2 1↑

95/2368
FEB 07 0936 41.3s 37.81S 179.45E 12km M=4.5
0.3 0.02 0.02 R
Rsd 0.2s 43ph/41stn Dmin 104km Az.gap 285°
Corr. 0.032 30M/18stn Msd 0.2 1↑ 5↓

95/2369
FEB 07 0941 16.0s 37.36S 179.32E 12km M=3.9
0.2 0.01 0.02 R
Rsd 0.1s 14ph/13stn Dmin 94km Az.gap 283°
Corr. -0.337 19M/16stn Msd 0.3 1↓

95/2370
FEB 07 0947 41.0s 37.88S 179.39E 12km M=3.6
1.2 0.05 0.08 R
Rsd 0.6s 7ph/6stn Dmin 101km Az.gap 301°
Corr. -0.007 4M/4stn Msd 0.3 1↑ 2↓

95/2373
FEB 07 0957 46.2s 37.92S 179.31E 12km M=3.5
0.7 0.03 0.05 R
Rsd 0.3s 11ph/10stn Dmin 94km Az.gap 289°
Corr. 0.271 11M/11stn Msd 0.2

95/2375
FEB 07 1022 00.6s 37.53S 179.25E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.2s 13ph/12stn Dmin 84km Az.gap 283°
Corr. 0.109 10M/9stn Msd 0.3 1↑

95/2380
FEB 07 1037 56.8s 37.48S 179.34E 12km M=4.5
0.2 0.01 0.02 R
Rsd 0.2s 38ph/35stn Dmin 93km Az.gap 285°
Corr. 0.015 26M/14stn Msd 0.2 1↑

95/2381
FEB 07 1038 40.4s 37.82S 179.27E 12km M=4.0
0.8 0.05 0.05 R
Rsd 0.4s 12ph/9stn Dmin 89km Az.gap 291°
Corr. -0.132 9M/7stn Msd 0.3

95/2382
FEB 07 1039 57.9s 37.44S 179.27E 12km M=4.3
0.3 0.02 0.02 R
Rsd 0.2s 22ph/18stn Dmin 87km Az.gap 283°
Corr. -0.071 12M/7stn Msd 0.2

95/2383
FEB 07 1041 05.9s 37.38S 179.12E 12km M=3.9
0.5 0.02 0.03 R
Rsd 0.2s 10ph/7stn Dmin 76km Az.gap 292°
Corr. -0.070 9M/6stn Msd 0.3 1↓

95/2384
FEB 07 1043 36.2s 37.35S 179.39E 12km M=4.0
0.3 0.02 0.02 R
Rsd 0.2s 20ph/16stn Dmin 100km Az.gap 284°
Corr. -0.154 21M/18stn Msd 0.2

95/2389
FEB 07 1054 07.3s 37.51S 179.32E 12km M=3.6
0.9 0.04 0.06 R
Rsd 0.5s 7ph/5stn Dmin 91km Az.gap 292°
Corr. -0.357 6M/4stn Msd 0.3

95/2390
FEB 07 1054 43.6s 37.89S 179.31E 12km M=4.0
0.5 0.03 0.03 R
Rsd 0.3s 7ph/5stn Dmin 95km Az.gap 299°
Corr. -0.178 7M/5stn Msd 0.2

95/2392
FEB 07 1058 51.0s 37.93S 179.24E 12km M=3.8
1.0 0.05 0.06 R
Rsd 0.6s 6ph/4stn Dmin 88km Az.gap 299°
Corr. -0.338 5M/3stn Msd 0.5

95/2395
FEB 07 1104 34.3s 37.94S 179.24E 12km M=3.6
0.2 0.01 0.01 R
Rsd 0.1s 11ph/9stn Dmin 88km Az.gap 286°
Corr. 0.215 12M/10stn Msd 0.3 1↑ 1↓

95/2396
FEB 07 1106 07.3s 37.89S 179.27E 12km M=3.6
0.4 0.03 0.03 R
Rsd 0.3s 11ph/9stn Dmin 91km Az.gap 290°
Corr. 0.127 11M/9stn Msd 0.2 1↓

95/2401
FEB 07 1127 37.7s 37.85S 179.31E 12km M=4.5
0.4 0.02 0.03 R
Rsd 0.3s 43ph/38stn Dmin 93km Az.gap 283°
Corr. 0.317 31M/17stn Msd 0.2 2↑ 4↓

95/2402
FEB 07 1129 58.4s 37.56S 179.26E 12km M=3.5
0.5 0.04 0.03 R
Rsd 0.3s 11ph/9stn Dmin 85km Az.gap 295°
Corr. -0.314 5M/3stn Msd 0.3

95/2405
FEB 07 1152 14.2s 37.83S 179.42E 12km M=3.8
0.2 0.01 0.01 R
Rsd 0.1s 18ph/16stn Dmin 102km Az.gap 296°
Corr. -0.092 20M/18stn Msd 0.2 1↓

95/2406
FEB 07 1154 55.9s 37.84S 179.33E 12km M=3.7
0.3 0.02 0.02 R
Rsd 0.2s 25ph/23stn Dmin 94km Az.gap 291°
Corr. -0.108 14M/13stn Msd 0.3 1↑ 2↓

95/2407
FEB 07 1155 08.0s 37.92S 179.25E 12km M=4.5
0.3 0.02 0.02 R
Rsd 0.2s 23ph/20stn Dmin 89km Az.gap 282°
Corr. 0.123 19M/11stn Msd 0.2

95/2408
FEB 07 1156 54.7s 37.81S 179.43E 12km M=4.4
0.3 0.02 0.02 R
Rsd 0.2s 23ph/21stn Dmin 102km Az.gap 289°
Corr. -0.169 14M/9stn Msd 0.2

95/2409
FEB 07 1157 48.1s 37.94S 179.43E 12km M=3.6
1.7 0.06 0.09 R
Rsd 0.4s 6ph/4stn Dmin 104km Az.gap 296°
Corr. -0.349 9M/8stn Msd 0.2

95/2410
FEB 07 1159 35.5s 37.53S 179.28E 12km M=4.3
0.2 0.01 0.01 R
Rsd 0.1s 30ph/27stn Dmin 87km Az.gap 283°
Corr. -0.438 14M/7stn Msd 0.1 1↑

95/2412
FEB 07 1212 17.4s 37.82S 179.40E 12km M=3.8
0.3 0.02 0.02 R
Rsd 0.2s 17ph/15stn Dmin 100km Az.gap 287°
Corr. -0.001 22M/20stn Msd 0.2 1↑ 2↓

95/2413
FEB 07 1217 35.3s 37.44S 179.40E 12km M=3.5
0.2 0.01 0.02 R
Rsd 0.1s 15ph/15stn Dmin 99km Az.gap 312°
Corr. -0.029 7M/7stn Msd 0.3 1↓

95/2423
FEB 07 1258 46.1s 37.76S 179.46E 12km M=3.7
0.6 0.03 0.03 R
Rsd 0.2s 5ph/4stn Dmin 104km Az.gap 313°
Corr. -0.214 7M/5stn Msd 0.6 1↓

95/2424
FEB 07 1304 20.0s 37.42S 179.29E 12km M=3.8
0.3 0.02 0.03 R
Rsd 0.1s 10ph/9stn Dmin 90km Az.gap 286°
Corr. -0.402 7M/5stn Msd 0.6 1↓

95/2433
FEB 07 1335 55.9s 37.77S 179.45E 12km M=3.9
0.5 0.03 0.03 R
Rsd 0.2s 15ph/14stn Dmin 103km Az.gap 297°
Corr. 0.007 13M/12stn Msd 0.2 1↑ 2↓

95/2436
FEB 07 1349 04.4s 37.47S 179.27E 12km M=3.6
0.5 0.03 0.03 R
Rsd 0.3s 11ph/9stn Dmin 86km Az.gap 312°
Corr. -0.393 7M/7stn Msd 0.2 1↑ 1↓

95/2445
FEB 07 1421 10.8s 37.83S 179.45E 12km M=4.5
0.3 0.02 0.02 R
Rsd 0.2s 48ph/44stn Dmin 104km Az.gap 287°
Corr. 0.223 23M/13stn Msd 0.1 5↑ 4↓

95/2446
FEB 07 1425 25.9s 37.76S 179.37E 12km M=3.5
0.5 0.03 0.03 R
Rsd 0.3s 11ph/9stn Dmin 96km Az.gap 299°
Corr. 0.061 8M/8stn Msd 0.2 1↓

95/2451
FEB 07 1438 36.7s 37.78S 179.43E 12km M=3.7
0.5 0.03 0.03 R
Rsd 0.3s 16ph/14stn Dmin 101km Az.gap 299°
Corr. 0.379 12M/11stn Msd 0.2 1↓

95/2452
FEB 07 1458 54.4s 37.74S 179.37E 12km M=4.4
0.4 0.02 0.02 R
Rsd 0.2s 31ph/29stn Dmin 95km Az.gap 284°
Corr. 0.278 17M/10stn Msd 0.2 1↓

95/2454
FEB 07 1502 19.5s 37.44S 179.30E 12km M=3.9
0.2 0.01 0.02 R
Rsd 0.1s 11ph/10stn Dmin 90km Az.gap 287°
Corr. -0.443 8M/7stn Msd 0.5 1↓

95/2455
FEB 07 1503 04.5s 37.81S 179.36E 12km M=3.6
0.8 0.04 0.05 R
Rsd 0.4s 9ph/7stn Dmin 96km Az.gap 308°
Corr. -0.152 6M/6stn Msd 0.2

95/2456
FEB 07 1506 09.4s 37.78S 179.18E 12km M=3.9
0.5 0.02 0.03 R
Rsd 0.3s 13ph/12stn Dmin 80km Az.gap 282°
Corr. 0.225 14M/12stn Msd 0.2 1↓

95/2457
FEB 07 1506 59.6s 37.72S 179.51E 12km M=5.1
0.3 0.01 0.02 R
Rsd 0.1s 44ph/42stn Dmin 107km Az.gap 287°
Corr. 0.317 45M/24stn Msd 0.2 1↑

95/2458
FEB 07 1510 25.3s 37.77S 179.19E 12km M=3.5
0.9 0.04 0.06 R
Rsd 0.5s 6ph/5stn Dmin 81km Az.gap 303°
Corr. 0.056 4M/4stn Msd 0.3 1↑ 2↓

95/2459
FEB 07 1511 57.8s 37.73S 179.49E 12km M=4.4
0.3 0.02 0.02 R
Rsd 0.2s 24ph/22stn Dmin 106km Az.gap 288°
Corr. 0.199 13M/8stn Msd 0.2 1↓

95/2461
FEB 07 1516 46.1s 37.67S 179.42E 12km M=3.8
0.4 0.02 0.02 R
Rsd 0.1s 5ph/3stn Dmin 99km Az.gap 315°
Corr. 0.074 4M/3stn Msd 0.6

95/2463
FEB 07 1520 36.6s 37.80S 179.35E 12km M=4.4
0.3 0.02 0.02 R
Rsd 0.1s 28ph/26stn Dmin 95km Az.gap 284°
Corr. 0.092 23M/12stn Msd 0.2 1↓

95/2464
FEB 07 1524 04.5s 37.87S 179.33E 12km M=3.9
0.4 0.02 0.03 R
Rsd 0.2s 13ph/11stn Dmin 96km Az.gap 292°
Corr. 0.127 17M/14stn Msd 0.2

95/2468
FEB 07 1537 15.9s 37.65S 179.57E 12km M=3.8
1.3 0.08 0.09 R
Rsd 0.5s 9ph/7stn Dmin 112km Az.gap 313°
Corr. -0.509 9M/6stn Msd 0.3 1↓

95/2472
FEB 07 1549 11.8s 37.83S 179.38E 12km M=4.7
0.4 0.02 0.03 R
Rsd 0.2s 28ph/27stn Dmin 99km Az.gap 284°
Corr. 0.241 21M/12stn Msd 0.2 1↓

95/2474
FEB 07 1559 55.8s 37.74S 179.47E 12km M=4.0
0.3 0.02 0.02 R
Rsd 0.2s 26ph/24stn Dmin 105km Az.gap 288°
Corr. 0.103 28M/22stn Msd 0.3 1↓

95/2475
FEB 07 1601 36.4s 37.45S 179.11E 12km M=3.6
0.5 0.02 0.04 R
Rsd 0.3s 10ph/8stn Dmin 73km Az.gap 279°
Corr. 0.086 4M/4stn Msd 0.2

95/2476
FEB 07 1603 54.6s 37.86S 179.54E 12km M=3.6
1.1 0.05 0.07 R
Rsd 0.5s 8ph/7stn Dmin 113km Az.gap 298°
Corr. 0.517 6M/6stn Msd 0.3

95/2477
FEB 07 1608 58.3s 37.74S 179.37E 12km M=4.3
0.3 0.02 0.02 R
Rsd 0.1s 22ph/19stn Dmin 96km Az.gap 284°
Corr. 0.047 15M/8stn Msd 0.2 1↑ 1↓

95/2480
FEB 07 1622 12.2s 37.44S 179.33E 12km M=4.5
0.3 0.02 0.02 R
Rsd 0.2s 31ph/28stn Dmin 92km Az.gap 284°
Corr. -0.246 21M/12stn Msd 0.2 1↑ 1↓

95/2481
FEB 07 1626 51.6s 37.90S 179.37E 12km M=3.8
0.4 0.02 0.02 R
Rsd 0.3s 18ph/15stn Dmin 100km Az.gap 284°
Corr. -0.011 18M/16stn Msd 0.2 1↓

95/2484
FEB 07 1644 53.8s 37.89S 179.35E 12km M=4.8
0.3 0.03 0.02 R
Rsd 0.2s 23ph/21stn Dmin 98km Az.gap 284°
Corr. -0.094 13M/7stn Msd 0.1

95/2485
FEB 07 1645 03.5s 37.75S 179.58E 12km M=4.9
0.3 0.02 0.02 R
Rsd 0.2s 15ph/13stn Dmin 114km Az.gap 305°
Corr. -0.155 9M/5stn Msd 0.4

95/2488
FEB 07 1652 24.2s 37.75S 179.49E 12km M=4.0
0.3 0.02 0.02 R
Rsd 0.2s 11ph/9stn Dmin 106km Az.gap 301°
Corr. 0.169 12M/10stn Msd 0.2 1↓

95/2489
FEB 07 1654 51.0s 37.63S 179.09E 12km M=4.2
0.3 0.01 0.02 R
Rsd 0.1s 22ph/20stn Dmin 69km Az.gap 279°
Corr. 0.143 10M/6stn Msd 0.1 1↑

95/2492
FEB 07 1711 09.3s 37.90S 179.29E 12km M=3.7
0.4 0.02 0.03 R
Rsd 0.3s 11ph/9stn Dmin 93km Az.gap 288°
Corr. 0.116 13M/13stn Msd 0.1 1↓

95/2493
FEB 07 1711 46.0s 37.87S 179.37E 12km M=3.6
0.5 0.03 0.03 R
Rsd 0.3s 10ph/8stn Dmin 99km Az.gap 294°
Corr. 0.264 5M/5stn Msd 0.3

95/2494
FEB 07 1719 00.6s 37.44S 179.40E 12km M=3.5
0.4 0.02 0.03 R
Rsd 0.2s 7ph/5stn Dmin 99km Az.gap 293°
Corr. -0.383 4M/4stn Msd 0.4

95/2499
FEB 07 1755 27.3s 37.89S 179.29E 12km M=3.8
0.5 0.03 0.03 R
Rsd 0.3s 12ph/10stn Dmin 93km Az.gap 288°
Corr. 0.000 12M/11stn Msd 0.2 1↓

95/2501
FEB 07 1802 08.0s 37.90S 179.35E 12km M=3.7
0.6 0.03 0.04 R
Rsd 0.3s 8ph/7stn Dmin 98km Az.gap 286°
Corr. 0.025 9M/7stn Msd 0.3

95/2503
FEB 07 1809 15.6s 37.73S 179.44E 12km M=3.7
0.2 0.01 0.01 R
Rsd 0.1s 10ph/8stn Dmin 101km Az.gap 301°
Corr. -0.212 11M/9stn Msd 0.4 1↓

95/2505
FEB 07 1822 15.1s 37.80S 179.42E 12km M=3.8
1.1 0.06 0.06 R
Rsd 0.5s 5ph/4stn Dmin 102km Az.gap 308°
Corr. 0.155 6M/4stn Msd 0.5

95/2507
FEB 07 1850 10.5s 37.90S 179.28E 12km M=3.7
0.3 0.02 0.02 R
Rsd 0.2s 10ph/8stn Dmin 92km Az.gap 289°
Corr. 0.053 8M/7stn Msd 0.2 1↑

95/2509
FEB 07 1855 05.1s 37.62S 179.48E 12km M=3.6
0.3 0.02 0.02 R
Rsd 0.2s 10ph/8stn Dmin 104km Az.gap 307°
Corr. 0.158 7M/7stn Msd 0.1

95/2510
FEB 07 1902 11.8s 37.44S 179.43E 12km M=4.3
0.4 0.02 0.03 R
Rsd 0.2s 24ph/22stn Dmin 101km Az.gap 285°
Corr. -0.230 10M/6stn Msd 0.1 1↓

95/2511
FEB 07 1907 57.2s 37.47S 179.56E 12km M=3.9
0.4 0.03 0.03 R
Rsd 0.2s 12ph/10stn Dmin 112km Az.gap 289°
Corr. -0.461 11M/9stn Msd 0.5 1↑

95/2513
FEB 07 1918 22.8s 37.90S 179.59E 12km M=3.6
1.7 0.11 0.09 R
Rsd 0.9s 7ph/5stn Dmin 118km Az.gap 298°
Corr. -0.152 7M/6stn Msd 0.3

95/2514
FEB 07 1919 29.5s 37.97S 179.29E 12km M=3.7
0.4 0.02 0.02 R
Rsd 0.2s 5ph/3stn Dmin 91km Az.gap 301°
Corr. -0.003 4M/3stn Msd 0.3

95/2516
FEB 07 1936 24.0s 37.47S 179.17E 12km M=3.8
0.4 0.02 0.03 R
Rsd 0.2s 9ph/7stn Dmin 78km Az.gap 294°
Corr. -0.412 5M/5stn Msd 0.4 1↑

95/2518
FEB 07 1956 30.9s 37.42S 179.32E 12km M=4.1
0.2 0.01 0.01 R
Rsd 0.1s 16ph/14stn Dmin 92km Az.gap 283°
Corr. -0.394 33M/26stn Msd 0.2 1↑

95/2519
FEB 07 1958 03.9s 37.66S 179.38E 12km M=3.8
0.6 0.04 0.03 R
Rsd 0.3s 8ph/6stn Dmin 96km Az.gap 303°
Corr. 0.160 4M/4stn Msd 0.4

95/2521
FEB 07 2006 00.2s 37.49S 179.45E 12km M=4.3
0.2 0.01 0.01 R
Rsd 0.1s 36ph/34stn Dmin 102km Az.gap 286°
Corr. -0.152 15M/9stn Msd 0.2 3↑ 2↓

95/2524
FEB 07 2034 26.6s 37.94S 179.30E 12km M=4.2
0.4 0.02 0.02 R
Rsd 0.2s 16ph/14stn Dmin 93km Az.gap 283°
Corr. -0.043 8M/4stn Msd 0.1 1↑

95/2527
FEB 07 2052 41.4s 37.73S 179.46E 12km M=4.0
0.4 0.03 0.03 R
Rsd 0.3s 10ph/8stn Dmin 103km Az.gap 302°
Corr. -0.152 10M/8stn Msd 0.3 1↓

95/2531
FEB 07 2111 18.6s 37.58S 179.32E 12km M=3.6
0.5 0.03 0.03 R
Rsd 0.3s 6ph/4stn Dmin 90km Az.gap 316°
Corr. -0.199 6M/4stn Msd 0.7 1↑

95/2533
FEB 07 2138 03.0s 37.82S 179.18E 12km M=3.8
0.9 0.04 0.05 R
Rsd 0.5s 8ph/6stn Dmin 81km Az.gap 296°
Corr. -0.024 6M/4stn Msd 0.3 1↑ 1↓

95/2537
FEB 07 2155 25.3s 37.61S 179.31E 12km M=4.3
0.4 0.02 0.03 R
Rsd 0.2s 15ph/13stn Dmin 89km Az.gap 286°
Corr. -0.369 34M/28stn Msd 0.2 1↓

95/2538
FEB 07 2156 22.5s 37.62S 179.27E 12km M=3.9
0.8 0.03 0.05 R
Rsd 0.4s 9ph/7stn Dmin 86km Az.gap 290°
Corr. -0.503 12M/12stn Msd 0.2

95/2540
FEB 07 2211 40.3s 38.06S 179.17E 12km M=3.7
0.6 0.02 0.04 R
Rsd 0.3s 11ph/10stn Dmin 80km Az.gap 276°
Corr. 0.103 14M/10stn Msd 0.2 1↑ 1↓

95/2544
FEB 07 2247 51.3s 37.88S 179.28E 12km M=3.7
0.4 0.02 0.02 R
Rsd 0.2s 11ph/10stn Dmin 92km Az.gap 290°
Corr. 0.344 13M/11stn Msd 0.3

95/2545
FEB 07 2248 46.8s 37.61S 179.20E 12km M=3.6
0.5 0.03 0.03 R
Rsd 0.2s 8ph/7stn Dmin 80km Az.gap 311°
Corr. -0.294 7M/7stn Msd 0.2

95/2546
FEB 07 2306 07.8s 37.79S 179.36E 12km M=3.8
0.3 0.03 0.02 R
Rsd 0.1s 10ph/8stn Dmin 96km Az.gap 286°
Corr. -0.080 15M/14stn Msd 0.3 1↓

95/2549
FEB 07 2313 32.5s 37.90S 179.27E 12km M=3.7
0.1 0.01 0.01 R
Rsd 0.1s 15ph/12stn Dmin 91km Az.gap 286°
Corr. 0.120 23M/20stn Msd 0.1 1↓

95/2551
FEB 07 2324 07.1s 37.62S 179.34E 12km M=3.9
0.4 0.02 0.02 R
Rsd 0.1s 11ph/9stn Dmin 92km Az.gap 307°
Corr. -0.220 15M/12stn Msd 0.3 1↑

95/2555
FEB 08 0016 35.3s 37.70S 179.44E 12km M=4.4
0.3 0.03 0.02 R
Rsd 0.2s 20ph/17stn Dmin 101km Az.gap 287°
Corr. -0.155 11M/6stn Msd 0.1 1↓

95/2556
FEB 08 0017 56.2s 37.96S 179.27E 12km M=4.2
0.2 0.01 0.01 R
Rsd 0.1s 16ph/14stn Dmin 90km Az.gap 284°
Corr. 0.408 9M/5stn Msd 0.2

95/2557
FEB 08 0019 07.0s 37.77S 179.39E 12km M=3.7
0.9 0.05 0.05 R
Rsd 0.4s 11ph/8stn Dmin 97km Az.gap 303°
Corr. -0.153 8M/6stn Msd 0.3

95/2558
FEB 08 0021 11.0s 37.79S 179.45E 12km M=5.0
0.2 0.02 0.02 R
Rsd 0.2s 47ph/44stn Dmin 104km Az.gap 285°
Corr. 0.039 41M/22stn Msd 0.2 2↑ 3↓

95/2559
FEB 08 0027 29.3s 37.78S 179.34E 12km M=3.9
0.6 0.04 0.04 R
Rsd 0.4s 23ph/20stn Dmin 94km Az.gap 290°
Corr. 0.014 35M/30stn Msd 0.2 1↑ 1↓

95/2561
FEB 08 0031 43.6s 37.62S 179.36E 12km M=3.7
0.4 0.02 0.02 R
Rsd 0.1s 5ph/3stn Dmin 93km Az.gap 330°
Corr. -0.495 5M/4stn Msd 0.5

95/2562
FEB 08 0034 26.0s 37.62S 179.59E 12km M=3.9
1.5 0.08 0.09 R
Rsd 0.6s 8ph/4stn Dmin 114km Az.gap 314°
Corr. -0.195 6M/4stn Msd 0.6

95/2563
FEB 08 0038 52.5s 37.91S 179.27E 12km M=3.5
0.3 0.01 0.02 R
Rsd 0.1s 8ph/7stn Dmin 91km Az.gap 289°
Corr. 0.429 8M/6stn Msd 0.3

95/2564
FEB 08 0041 46.2s 37.87S 179.32E 12km M=4.3
0.4 0.02 0.03 R
Rsd 0.3s 30ph/28stn Dmin 95km Az.gap 284°
Corr. 0.177 13M/7stn Msd 0.1 1↓

95/2565
FEB 08 0050 07.9s 37.91S 179.29E 12km M=3.6
0.4 0.02 0.03 R
Rsd 0.2s 11ph/10stn Dmin 93km Az.gap 289°
Corr. 0.415 12M/11stn Msd 0.2 1↓

95/2568
FEB 08 0053 54.9s 37.70S 179.24E 12km M=3.6
1.9 0.10 0.11 R
Rsd 0.7s 4ph/3stn Dmin 84km Az.gap 308°
Corr. -0.103 5M/3stn Msd 0.5

95/2570
FEB 08 0109 56.7s 37.47S 179.22E 12km M=4.8
0.2 0.01 0.02 R
Rsd 0.1s 31ph/30stn Dmin 83km Az.gap 281°
Corr. 0.086 28M/15stn Msd 0.2 2↑ 1↓

95/2573
FEB 08 0125 25.3s 37.94S 179.27E 12km M=5.0
0.4 0.02 0.03 R
Rsd 0.2s 32ph/29stn Dmin 90km Az.gap 283°
Corr. 0.215 25M/14stn Msd 0.2 1↑ 1↓

95/2575
FEB 08 0147 07.8s 37.75S 179.47E 12km M=3.7
0.4 0.02 0.03 R
Rsd 0.2s 12ph/10stn Dmin 104km Az.gap 293°
Corr. 0.238 10M/10stn Msd 0.2

95/2577
FEB 08 0158 48.8s 37.94S 179.28E 12km M=3.8
0.8 0.03 0.06 R
Rsd 0.3s 13ph/12stn Dmin 91km Az.gap 292°
Corr. 0.357 15M/13stn Msd 0.2 1↓

95/2580
FEB 08 0247 59.6s 37.91S 178.88E 12km M=3.8
0.7 0.01 0.05 R
Rsd 0.1s 12ph/10stn Dmin 61km Az.gap 267°
Corr. 0.683 22M/16stn Msd 0.2 1↓

95/2586
FEB 08 0400 31.9s 37.69S 178.94E 12km M=4.5
1.4 0.05 0.09 R
Rsd 0.1s 15ph/15stn Dmin 57km Az.gap 275°
Corr. 0.962 14M/7stn Msd 0.2 1↓

95/2588
FEB 08 0412 39.4s 37.84S 179.75E 12km M=4.1
4.8 0.12 0.34 R
Rsd 0.1s 14ph/12stn Dmin 130km Az.gap 299°
Corr. 0.993 31M/23stn Msd 0.2 1↓

95/2590
FEB 08 0416 57.6s 37.61S 179.25E 12km M=4.3
1.0 0.05 0.06 R
Rsd 0.1s 13ph/12stn Dmin 83km Az.gap 283°
Corr. 0.941 30M/23stn Msd 0.3

95/2592
FEB 08 0432 09.1s 37.86S 178.56E 12km M=3.6
1.3 0.03 0.11 R
Rsd 0.3s 9ph/7stn Dmin 37km Az.gap 246°
Corr. 0.260 14M/14stn Msd 0.2

95/2593
FEB 08 0439 12.6s 37.97S 179.09E 12km M=3.6
0.4 0.01 0.03 R
Rsd 0.1s 11ph/10stn Dmin 81km Az.gap 277°
Corr. 0.310 12M/12stn Msd 0.2

95/2594
FEB 08 0442 08.6s 37.88S 179.12E 12km M=3.5
2.4 0.06 0.16 R
Rsd 0.7s 6ph/5stn Dmin 79km Az.gap 289°
Corr. 0.221 3M/3stn Msd 0.1

95/2596
FEB 08 0457 21.9s 37.96S 179.21E 12km M=3.6
0.1 0.01 0.01 R
Rsd 0.1s 5ph/3stn Dmin 85km Az.gap 298°
Corr. -0.381 5M/3stn Msd 0.4 1↑

95/2597
FEB 08 0509 01.9s 37.78S 179.19E 12km M=3.7
0.6 0.03 0.04 R
Rsd 0.3s 14ph/12stn Dmin 81km Az.gap 282°
Corr. -0.402 20M/18stn Msd 0.2 1↑ 1↓

95/2598
FEB 08 0513 24.6s 37.99S 179.20E 12km M=3.7
0.20.01 0.02 R
Rsd 0.2s 15ph/13stn Dmin 84km Az.gap 282°
Corr. 0.207 16M/14stn Msd 0.3 1↓

95/2602
FEB 08 0524 32.7s 37.41S 179.44E 12km M=4.3
0.3 0.02 0.02 R
Rsd 0.2s 26ph/24stn Dmin 103km Az.gap 286°
Corr. -0.301 15M/9stn Msd 0.2 1↑ 2↓

95/2603
FEB 08 0533 43.5s 37.49S 179.31E 12km M=3.7
1.3 0.04 0.09 R
Rsd 0.6s 7ph/5stn Dmin 90km Az.gap 291°
Corr. 0.080 5M/5stn Msd 0.4

95/2604
FEB 08 0534 29.3s 37.69S 179.39E 12km M=4.1
0.8 0.04 0.05 R
Rsd 0.4s 8ph/6stn Dmin 97km Az.gap 297°
Corr. -0.533 6M/4stn Msd 0.5

95/2605
FEB 08 0537 48.8s 37.97S 179.26E 12km M=3.8
0.4 0.02 0.02 R
Rsd 0.2s 13ph/11stn Dmin 89km Az.gap 285°
Corr. 0.356 15M/13stn Msd 0.1 1↑ 1↓

95/2606
FEB 08 0538 08.1s 37.59S 179.28E 12km M=3.8
2.4 0.08 0.14 R
Rsd 0.7s 9ph/6stn Dmin 87km Az.gap 312°
Corr. -0.336 8M/6stn Msd 0.3

95/2608
FEB 08 0541 02.2s 37.45S 179.48E 12km M=4.5
0.3 0.02 0.02 R
Rsd 0.2s 28ph/26stn Dmin 106km Az.gap 287°
Corr. -0.046 8M/8stn Msd 0.4 1↑ 3↓

95/2609
FEB 08 0541 23.6s 38.03S 179.19E 12km M=4.9
0.4 0.02 0.02 R
Rsd 0.2s 20ph/18stn Dmin 82km Az.gap 277°
Corr. 0.373 19M/10stn Msd 0.2

95/2610
FEB 08 0544 36.8s 37.46S 179.45E 12km M=4.4
0.3 0.02 0.02 R
Rsd 0.2s 27ph/24stn Dmin 103km Az.gap 286°
Corr. 0.225 17M/10stn Msd 0.2 2↑ 1↓

95/2612
FEB 08 0547 29.3s 37.91S 179.31E 12km M=3.8
0.4 0.02 0.03 R
Rsd 0.3s 17ph/15stn Dmin 94km Az.gap 290°
Corr. 0.337 17M/15stn Msd 0.2 3↑ 1↓

95/2614
FEB 08 0551 39.8s 37.94S 179.25E 12km M=4.4
0.4 0.03 0.03 R
Rsd 0.3s 28ph/26stn Dmin 89km Az.gap 285°
Corr. 0.014 15M/8stn Msd 0.1 1↑

95/2617
FEB 08 0603 13.6s 38.03S 179.16E 12km M=3.5
0.2 0.01 0.01 R
Rsd 0.1s 5ph/3stn Dmin 79km Az.gap 294°
Corr. -0.027 5M/3stn Msd 0.3

95/2619
FEB 08 0632 09.9s 37.41S 179.36E 12km M=3.6
0.2 0.01 0.02 R
Rsd 0.1s 12ph/10stn Dmin 96km Az.gap 288°
Corr. -0.291 11M/11stn Msd 0.2

95/2621
FEB 08 0653 10.8s 37.89S 179.33E 12km M=4.3
0.3 0.01 0.02 R
Rsd 0.2s 26ph/24stn Dmin 97km Az.gap 284°
Corr. 0.154 12M/7stn Msd 0.1 1↑

95/2626
FEB 08 0714 27.6s 37.89S 179.30E 12km M=4.1
0.4 0.02 0.02 R
Rsd 0.3s 23ph/20stn Dmin 93km Az.gap 283°
Corr. -0.053 8M/5stn Msd 0.1 1↓

95/2632
FEB 08 0726 15.7s 37.54S 179.51E 12km M=4.6
0.2 0.01 0.01 R
Rsd 0.1s 43ph/40stn Dmin 107km Az.gap 287°
Corr. 0.030 30M/16stn Msd 0.2 5↑ 9↓

95/2633
FEB 08 0728 38.2s 37.76S 179.28E 12km M=3.6
0.4 0.03 0.02 R
Rsd 0.3s 12ph/10stn Dmin 88km Az.gap 295°
Corr. -0.083 10M/10stn Msd 0.2 1↑ 1↓

95/2636
FEB 08 0734 15.6s 37.91S 179.29E 12km M=3.7
0.3 0.02 0.02 R
Rsd 0.2s 14ph/12stn Dmin 93km Az.gap 289°
Corr. 0.269 13M/11stn Msd 0.3 2↑ 3↓

95/2637
FEB 08 0737 01.0s 37.43S 179.33E 12km M=3.9
0.2 0.01 0.01 R
Rsd 0.1s 12ph/10stn Dmin 93km Az.gap 284°
Corr. -0.173 25M/22stn Msd 0.3 1↓

95/2638
FEB 08 0742 27.0s 37.74S 179.48E 12km M=4.0
0.2 0.01 0.01 R
Rsd 0.1s 15ph/12stn Dmin 105km Az.gap 291°
Corr. 0.097 32M/23stn Msd 0.3 1↓

95/2640
FEB 08 0746 53.9s 37.97S 179.26E 12km M=4.0
0.2 0.01 0.01 R
Rsd 0.1s 14ph/12stn Dmin 88km Az.gap 282°
Corr. 0.020 25M/23stn Msd 0.2 1↑

95/2641
FEB 08 0748 31.5s 37.81S 179.14E 12km M=4.1
0.3 0.02 0.01 R
Rsd 0.1s 16ph/14stn Dmin 77km Az.gap 281°
Corr. -0.352 38M/32stn Msd 0.2 1↑ 1↓

95/2642
FEB 08 0751 05.6s 37.75S 179.26E 12km M=3.9
0.9 0.04 0.05 R
Rsd 0.1s 14ph/13stn Dmin 86km Az.gap 284°
Corr. 0.839 13M/11stn Msd 0.2 1↓

95/2643
FEB 08 0753 57.0s 37.86S 179.37E 12km M=4.7
0.3 0.02 0.02 R
Rsd 0.2s 42ph/40stn Dmin 98km Az.gap 284°
Corr. 0.223 35M/19stn Msd 0.2 2↑ 5↓

95/2644
FEB 08 0756 33.4s 37.39S 179.35E 12km M=3.9
0.4 0.03 0.03 R
Rsd 0.1s 11ph/9stn Dmin 96km Az.gap 286°
Corr. -0.561 22M/20stn Msd 0.3

95/2645
FEB 08 0802 24.2s 37.45S 179.40E 12km M=4.4
0.3 0.02 0.02 R
Rsd 0.2s 30ph/26stn Dmin 98km Az.gap 285°
Corr. 0.113 16M/9stn Msd 0.2 1↓

95/2646
FEB 08 0804 36.7s 37.91S 179.27E 12km M=3.5
0.2 0.01 0.01 R
Rsd 0.1s 13ph/11stn Dmin 91km Az.gap 286°
Corr. 0.189 11M/9stn Msd 0.2 1↓

95/2649
FEB 08 0816 06.8s 37.88S 179.35E 12km M=4.3
0.3 0.02 0.02 R
Rsd 0.2s 27ph/24stn Dmin 97km Az.gap 286°
Corr. 0.086 9M/5stn Msd 0.3 4↑ 1↓

95/2651
FEB 08 0819 48.3s 37.51S 179.54E 12km M=5.0
0.2 0.01 0.01 R
Rsd 0.1s 43ph/41stn Dmin 110km Az.gap 287°
Corr. 0.147 36M/20stn Msd 0.2 14↑ 6↓

95/2654
FEB 08 0825 50.9s 37.45S 179.41E 12km M=3.8
0.3 0.02 0.02 R
Rsd 0.2s 10ph/8stn Dmin 99km Az.gap 288°
Corr. -0.521 7M/5stn Msd 0.3

95/2656
FEB 08 0830 12.0s 37.47S 179.42E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.1s 10ph/8stn Dmin 100km Az.gap 322°
Corr. -0.271 7M/5stn Msd 0.4 1↑ 1↓

95/2657
FEB 08 0833 24.9s 37.97S 179.22E 12km M=4.1
0.4 0.02 0.03 R
Rsd 0.3s 22ph/19stn Dmin 85km Az.gap 283°
Corr. 0.202 45M/38stn Msd 0.2 2↑ 3↓

95/2659
FEB 08 0834 31.2s 37.45S 179.37E 12km M=3.9
0.4 0.02 0.03 R
Rsd 0.2s 13ph/11stn Dmin 96km Az.gap 292°
Corr. -0.031 8M/8stn Msd 0.1

95/2660
FEB 08 0835 00.6s 37.95S 179.30E 12km M=3.9
0.5 0.04 0.02 R
Rsd 0.2s 12ph/10stn Dmin 93km Az.gap 287°
Corr. 0.589 9M/7stn Msd 0.2 1↑

95/2663
FEB 08 0841 51.7s 37.97S 179.21E 12km M=4.1
0.3 0.02 0.02 R
Rsd 0.2s 17ph/16stn Dmin 84km Az.gap 280°
Corr. 0.217 8M/4stn Msd 0.1 1↓

95/2664
FEB 08 0844 03.2s 37.45S 179.47E 12km M=3.6
0.8 0.05 0.05 R
Rsd 0.3s 8ph/7stn Dmin 104km Az.gap 323°
Corr. 0.033 6M/6stn Msd 0.3

95/2670
FEB 08 0924 48.0s 37.66S 179.56E 12km M=4.4
0.2 0.01 0.01 R
Rsd 0.1s 29ph/28stn Dmin 111km Az.gap 287°
Corr. -0.181 15M/9stn Msd 0.3 1↑ 4↓

95/2672
FEB 08 0942 53.0s 37.37S 179.36E 12km M=3.6
0.2 0.01 0.02 R
Rsd 0.1s 11ph/10stn Dmin 97km Az.gap 284°
Corr. -0.321 9M/9stn Msd 0.3 1↑

95/2675
FEB 08 1001 49.8s 37.97S 179.21E 12km M=3.8
0.5 0.02 0.03 R
Rsd 0.3s 20ph/19stn Dmin 84km Az.gap 280°
Corr. 0.207 27M/25stn Msd 0.2 1↑

95/2676
FEB 08 1003 13.4s 37.78S 179.18E 12km M=4.0
0.5 0.03 0.03 R
Rsd 0.3s 19ph/18stn Dmin 80km Az.gap 282°
Corr. -0.112 36M/29stn Msd 0.2 1↑ 1↓

95/2678
FEB 08 1011 31.8s 37.66S 179.47E 12km M=4.3
0.3 0.02 0.02 R
Rsd 0.2s 35ph/34stn Dmin 103km Az.gap 286°
Corr. 0.043 17M/10stn Msd 0.2 1↑ 4↓

95/2686
FEB 08 1043 16.8s 37.80S 179.16E 12km M=3.8
0.4 0.02 0.03 R
Rsd 0.2s 12ph/10stn Dmin 79km Az.gap 289°
Corr. 0.216 16M/14stn Msd 0.7 1↓

95/2688
FEB 08 1046 01.9s 37.78S 179.35E 12km M=3.9
0.5 0.03 0.03 R
Rsd 0.3s 15ph/13stn Dmin 94km Az.gap 286°
Corr. -0.192 18M/15stn Msd 0.4 1↓

95/2689
FEB 08 1050 50.0s 37.49S 179.28E 12km M=4.6
0.3 0.02 0.02 R
Rsd 0.2s 25ph/23stn Dmin 88km Az.gap 283°
Corr. -0.137 19M/10stn Msd 0.2 2↑ 1↓

95/2691
FEB 08 1059 04.6s 37.60S 179.54E 12km M=3.7
0.9 0.07 0.06 R
Rsd 0.4s 7ph/5stn Dmin 109km Az.gap 309°
Corr. -0.235 4M/4stn Msd 0.2

95/2693
FEB 08 1106 17.5s 37.42S 179.44E 12km M=4.2
0.2 0.01 0.01 R
Rsd 0.1s 26ph/24stn Dmin 102km Az.gap 286°
Corr. -0.197 47M/40stn Msd 0.2

95/2695
FEB 08 1109 34.9s 37.74S 179.36E 12km M=4.2
0.3 0.02 0.02 R
Rsd 0.2s 25ph/22stn Dmin 94km Az.gap 284°
Corr. -0.096 48M/41stn Msd 0.2 1↓

95/2696
FEB 08 1111 27.4s 37.53S 179.47E 12km M=3.6
0.7 0.04 0.05 R
Rsd 0.2s 6ph/4stn Dmin 103km Az.gap 310°
Corr. -0.616 3M/3stn Msd 0.4

95/2697
FEB 08 1119 35.8s 37.48S 179.27E 12km M=3.9
0.6 0.03 0.04 R
Rsd 0.3s 8ph/6stn Dmin 86km Az.gap 290°
Corr. -0.128 11M/10stn Msd 0.3

95/2700
FEB 08 1135 27.6s 37.65S 179.38E 12km M=4.2
0.4 0.02 0.03 R
Rsd 0.2s 16ph/15stn Dmin 95km Az.gap 303°
Corr. -0.052 8M/4stn Msd 0.3 1↑ 2↓

95/2702
FEB 08 1143 38.4s 37.53S 179.51E 12km M=4.0
0.7 0.04 0.04 R
Rsd 0.3s 5ph/4stn Dmin 107km Az.gap 321°
Corr. -0.023 6M/4stn Msd 0.5

95/2703
FEB 08 1146 30.7s 37.99S 179.22E 12km M=4.8
0.2 0.01 0.01 R
Rsd 0.1s 33ph/31stn Dmin 85km Az.gap 280°
Corr. 0.261 36M/19stn Msd 0.2 3↑ 5↓

95/2704
FEB 08 1208 19.9s 37.87S 179.38E 12km M=3.8
0.4 0.02 0.02 R
Rsd 0.2s 20ph/19stn Dmin 100km Az.gap 284°
Corr. 0.195 23M/21stn Msd 0.2 1↓

95/2707
FEB 08 1214 21.0s 37.87S 179.35E 12km M=3.6
0.2 0.01 0.01 R
Rsd 0.1s 5ph/4stn Dmin 98km Az.gap 306°
Corr. -0.001 5M/4stn Msd 0.3 1↓

95/2709
FEB 08 1220 41.2s 37.88S 179.29E 12km M=3.6
0.5 0.02 0.03 R
Rsd 0.3s 13ph/12stn Dmin 93km Az.gap 287°
Corr. 0.195 21M/20stn Msd 0.2

95/2712
FEB 08 1227 16.2s 37.75S 179.47E 12km M=3.8
0.3 0.01 0.02 R
Rsd 0.1s 13ph/12stn Dmin 104km Az.gap 301°
Corr. 0.217 11M/9stn Msd 0.4 1↑

95/2715
FEB 08 1246 55.6s 37.57S 179.33E 12km M=3.7
0.7 0.04 0.05 R
Rsd 0.4s 6ph/5stn Dmin 91km Az.gap 316°
Corr. -0.191 5M/3stn Msd 0.3 1↓

95/2717
FEB 08 1253 12.0s 37.45S 179.31E 12km M=4.5
0.3 0.02 0.02 R
Rsd 0.2s 35ph/27stn Dmin 91km Az.gap 284°
Corr. -0.271 18M/9stn Msd 0.3 1↓

95/2720
FEB 08 1258 53.5s 37.40S 179.47E 12km M=5.1
0.2 0.01 0.02 R
Rsd 0.1s 47ph/44stn Dmin 105km Az.gap 286°
Corr. -0.149 42M/23stn Msd 0.2 1↑ 6↓

95/2721
FEB 08 1306 22.7s 37.29S 179.55E 12km M=3.8
0.7 0.04 0.04 R
Rsd 0.1s 16ph/15stn Dmin 116km Az.gap 288°
Corr. 0.761 13M/12stn Msd 0.2 1↑

95/2722
FEB 08 1308 53.0s 37.43S 179.43E 12km M=4.5
0.2 0.01 0.02 R
Rsd 0.1s 42ph/40stn Dmin 102km Az.gap 285°
Corr. 0.008 23M/13stn Msd 0.2 3↑ 7↓

95/2725
FEB 08 1314 19.0s 37.41S 179.42E 12km M=3.9
0.1 0.00 0.01 R
Rsd 0.0s 7ph/5stn Dmin 101km Az.gap 306°
Corr. -0.687 3M/3stn Msd 0.4

95/2726
FEB 08 1315 59.9s 37.30S 179.68E 12km M=3.6
0.5 0.03 0.03 R
Rsd 0.2s 10ph/9stn Dmin 126km Az.gap 320°
Corr. 0.057 5M/5stn Msd 0.2

95/2727
FEB 08 1318 02.7s 37.41S 179.38E 12km M=3.8
0.2 0.02 0.02 R
Rsd 0.1s 12ph/10stn Dmin 97km Az.gap 293°
Corr. -0.440 10M/9stn Msd 0.3 1↑

95/2728
FEB 08 1320 34.9s 37.36S 179.41E 12km M=3.8
0.3 0.02 0.02 R
Rsd 0.2s 22ph/20stn Dmin 102km Az.gap 312°
Corr. -0.203 20M/20stn Msd 0.2 1↓

95/2729
FEB 08 1325 42.9s 37.41S 179.20E 12km M=3.7
0.4 0.02 0.03 R
Rsd 0.1s 10ph/8stn Dmin 111km Az.gap 299°
Corr. -0.738 7M/7stn Msd 0.3 1↓

95/2730
FEB 08 1333 30.5s 37.35S 179.25E 12km M=3.9
0.4 0.02 0.03 R
Rsd 0.2s 22ph/20stn Dmin 88km Az.gap 285°
Corr. -0.239 40M/35stn Msd 0.2

95/2732
FEB 08 1338 50.3s 37.43S 179.41E 12km M=3.9
0.2 0.01 0.02 R
Rsd 0.1s 26ph/24stn Dmin 99km Az.gap 285°
Corr. -0.395 29M/27stn Msd 0.2 1↑ 3↓

95/2735
FEB 08 1342 40.2s 37.35S 179.20E 12km M=3.8
1.5 0.05 0.10 R
Rsd 0.1s 12ph/12stn Dmin 84km Az.gap 292°
Corr. 0.741 21M/21stn Msd 0.2

95/2737
FEB 08 1348 08.2s 37.50S 179.39E 12km M=4.0
0.4 0.03 0.03 R
Rsd 0.2s 12ph/10stn Dmin 96km Az.gap 288°
Corr. -0.592 12M/9stn Msd 0.2

95/2739
FEB 08 1354 28.5s 37.82S 179.38E 12km M=3.6
1.0 0.06 0.06 R
Rsd 0.7s 7ph/5stn Dmin 98km Az.gap 301°
Corr. 0.036 5M/4stn Msd 0.5 1↓

95/2742
FEB 08 1402 07.3s 37.80S 179.39E 12km M=4.3
0.3 0.02 0.02 R
Rsd 0.2s 41ph/37stn Dmin 98km Az.gap 285°
Corr. 0.054 18M/11stn Msd 0.1 2↑ 3↓

95/2743
FEB 08 1407 05.1s 37.70S 179.36E 12km M=3.6
0.0 0.00 0.00 R
Rsd 0.0s 5ph/3stn Dmin 94km Az.gap 312°
Corr. -0.264 5M/3stn Msd 0.6

95/2744
FEB 08 1410 17.8s 37.81S 179.59E 12km M=3.7
0.6 0.04 0.04 R
Rsd 0.4s 10ph/8stn Dmin 116km Az.gap 305°
Corr. 0.102 10M/8stn Msd 0.4 1↑

95/2745
FEB 08 1412 18.9s 37.97S 179.21E 12km M=4.6
0.1 0.01 0.01 R
Rsd 0.1s 24ph/22stn Dmin 84km Az.gap 280°
Corr. 0.058 32M/18stn Msd 0.1 2↑ 2↓

95/2746
FEB 08 1413 04.9s 38.02S 179.03E 12km M=4.1
1.0 0.04 0.06 R
Rsd 0.5s 11ph/9stn Dmin 69km Az.gap 272°
Corr. -0.111 23M/19stn Msd 0.2

95/2748
FEB 08 1431 25.0s 37.70S 179.41E 12km M=3.7
0.6 0.04 0.04 R
Rsd 0.3s 10ph/8stn Dmin 99km Az.gap 301°
Corr. 0.057 9M/8stn Msd 0.4 1↓

95/2750
FEB 08 1433 52.4s 37.69S 179.53E 12km M=3.7
0.3 0.02 0.02 R
Rsd 0.2s 17ph/16stn Dmin 109km Az.gap 305°
Corr. 0.196 13M/13stn Msd 0.2 1↓

95/2753
FEB 08 1441 17.5s 37.53S 179.44E 12km M=4.0
0.3 0.02 0.03 R
Rsd 0.1s 33ph/32stn Dmin 101km Az.gap 286°
Corr. -0.346 45M/39stn Msd 0.2 1↑ 2↓

95/2755
FEB 08 1449 23.0s 37.61S 179.45E 12km M=4.4
0.3 0.01 0.02 R
Rsd 0.2s 36ph/35stn Dmin 101km Az.gap 286°
Corr. 0.185 15M/9stn Msd 0.2 1↑ 4↓

95/2757
FEB 08 1500 10.2s 37.46S 179.38E 12km M=4.4
0.2 0.01 0.02 R
Rsd 0.1s 30ph/27stn Dmin 97km Az.gap 285°
Corr. -0.394 11M/7stn Msd 0.2 1↑ 3↓

95/2760
FEB 08 1522 06.0s 37.59S 179.44E 12km M=4.3
0.2 0.01 0.01 R
Rsd 0.1s 32ph/29stn Dmin 101km Az.gap 287°
Corr. -0.245 12M/7stn Msd 0.1

95/2761
FEB 08 1523 12.5s 37.92S 179.22E 12km M=3.7
0.2 0.01 0.01 R
Rsd 0.1s 7ph/5stn Dmin 86km Az.gap 299°
Corr. -0.180 4M/3stn Msd 0.2

95/2762
FEB 08 1540 43.2s 37.43S 179.44E 12km M=4.4
0.2 0.01 0.02 R
Rsd 0.1s 35ph/33stn Dmin 102km Az.gap 286°
Corr. -0.202 20M/11stn Msd 0.2 1↑

95/2764
FEB 08 1548 08.3s 37.51S 179.41E 12km M=4.3
0.3 0.02 0.02 R
Rsd 0.1s 30ph/28stn Dmin 98km Az.gap 287°
Corr. -0.628 17M/10stn Msd 0.1 1↓

95/2765
FEB 08 1551 16.8s 37.96S 179.23E 12km M=3.5
0.4 0.02 0.03 R
Rsd 0.3s 14ph/12stn Dmin 86km Az.gap 284°
Corr. 0.085 13M/13stn Msd 0.1

95/2767
FEB 08 1604 58.6s 37.64S 179.34E 12km M=4.3
0.3 0.02 0.02 R
Rsd 0.2s 31ph/27stn Dmin 92km Az.gap 285°
Corr. -0.172 12M/6stn Msd 0.1 1↑ 2↓

95/2769
FEB 08 1612 46.4s 37.43S 179.48E 12km M=4.4
0.3 0.02 0.02 R
Rsd 0.2s 34ph/32stn Dmin 106km Az.gap 287°
Corr. -0.217 21M/12stn Msd 0.1 10↑ 6↓

95/2771
FEB 08 1615 04.9s 37.52S 179.61E 12km M=4.0
0.6 0.04 0.04 R
Rsd 0.3s 16ph/14stn Dmin 116km Az.gap 288°
Corr. 0.029 15M/12stn Msd 0.2 1↑ 1↓

95/2772
FEB 08 1615 29.0s 37.58S 179.56E 12km M=3.6
0.7 0.05 0.04 R
Rsd 0.4s 6ph/4stn Dmin 111km Az.gap 318°
Corr. -0.363 3M/3stn Msd 0.4

95/2776
FEB 08 1632 20.9s 37.44S 179.47E 12km M=3.6
0.6 0.03 0.04 R
Rsd 0.3s 9ph/7stn Dmin 105km Az.gap 317°
Corr. -0.025 7M/7stn Msd 0.2 1↑

95/2790
FEB 08 1704 50.9s 37.82S 179.41E 12km M=3.6
0.3 0.02 0.02 R
Rsd 0.2s 25ph/23stn Dmin 101km Az.gap 296°
Corr. -0.230 19M/17stn Msd 0.2 1↑ 2↓

95/2792
FEB 08 1705 30.6s 37.81S 179.52E 12km M=3.9
1.6 0.06 0.09 R
Rsd 0.6s 8ph/5stn Dmin 110km Az.gap 304°
Corr. -0.110 7M/5stn Msd 0.4

95/2793
FEB 08 1709 47.9s 37.70S 179.46E 12km M=3.9
0.6 0.04 0.03 R
Rsd 0.3s 5ph/3stn Dmin 103km Az.gap 314°
Corr. -0.187 5M/3stn Msd 0.5 1↑ 1↓

95/2794
FEB 08 1710 33.2s 38.00S 179.33E 12km M=3.8
1.2 0.06 0.06 R
Rsd 0.8s 6ph/4stn Dmin 94km Az.gap 285°
Corr. 0.275 5M/3stn Msd 0.2

95/2795
FEB 08 1712 19.5s 37.80S 179.48E 12km M=3.6
0.4 0.02 0.02 R
Rsd 0.2s 7ph/5stn Dmin 107km Az.gap 309°
Corr. 0.015 7M/5stn Msd 0.5 1↓

95/2796
FEB 08 1715 02.8s 37.58S 177.37E 104km M=3.9
0.2 0.03 0.01 2
Rsd 0.1s 16ph/12stn Dmin 68km Az.gap 205°
Corr. -0.747 1M/1stn Msd 0.0 1↓

95/2797
FEB 08 1715 47.3s 37.65S 179.38E 12km M=3.9
0.7 0.05 0.04 R
Rsd 0.4s 20ph/15stn Dmin 96km Az.gap 290°
Corr. -0.145 26M/22stn Msd 0.3 1↓

95/2799
FEB 08 1720 18.1s 37.42S 179.48E 12km M=5.3
0.6 0.02 0.04 R
Rsd 0.1s 43ph/43stn Dmin 106km Az.gap 287°
Corr. 0.782 44M/23stn Msd 0.2 1↓

95/2800
FEB 08 1725 07.7s 38.03S 179.17E 12km M=4.2
0.2 0.01 0.01 R
Rsd 0.1s 16ph/14stn Dmin 81km Az.gap 279°
Corr. 0.269 8M/5stn Msd 0.1

95/2801
FEB 08 1726 02.1s 37.90S 179.41E 12km M=3.9
0.2 0.01 0.01 R
Rsd 0.1s 11ph/8stn Dmin 103km Az.gap 298°
Corr. -0.238 7M/6stn Msd 0.2 1↓

95/2802
FEB 08 1729 37.1s 37.98S 179.19E 12km M=4.1
0.4 0.02 0.03 R
Rsd 0.2s 24ph/22stn Dmin 83km Az.gap 279°
Corr. 0.194 12M/8stn Msd 0.1 1↑ 2↓

95/2803
FEB 08 1735 16.7s 37.84S 179.47E 12km M=3.5
0.5 0.04 0.03 R
Rsd 0.3s 10ph/8stn Dmin 107km Az.gap 296°
Corr. 0.050 10M/9stn Msd 0.3 1↓

95/2804
FEB 08 1742 21.0s 37.91S 179.31E 12km M=3.6
0.2 0.01 0.01 R
Rsd 0.1s 5ph/3stn Dmin 94km Az.gap 303°
Corr. -0.312 4M/3stn Msd 0.3

95/2805
FEB 08 1755 59.0s 37.82S 179.39E 12km M=3.8
0.3 0.02 0.02 R
Rsd 0.2s 11ph/9stn Dmin 99km Az.gap 294°
Corr. 0.032 22M/20stn Msd 0.2 1↓

95/2806
FEB 08 1759 08.1s 37.58S 179.42E 12km M=3.8
0.2 0.01 0.01 R
Rsd 0.1s 4ph/3stn Dmin 99km Az.gap 318°
Corr. 0.726 5M/3stn Msd 0.4

95/2808
FEB 08 1808 38.1s 37.32S 177.20E 12km M=3.8
0.6 0.04 0.03 R
Rsd 0.3s 6ph/3stn Dmin 102km Az.gap 315°
Corr. 0.116 5M/3stn Msd 0.6

95/2811
FEB 08 1835 16.5s 37.47S 179.47E 12km M=3.7
1.1 0.08 0.07 R
Rsd 0.6s 8ph/6stn Dmin 104km Az.gap 320°
Corr. -0.451 7M/5stn Msd 0.7

95/2813
FEB 08 1842 53.9s 38.01S 177.32E 12km M=3.7
1.2 0.06 0.06 R
Rsd 0.7s 5ph/3stn Dmin 83km Az.gap 285°
Corr. -0.184 5M/3stn Msd 0.5

95/2815
FEB 08 1848 12.7s 37.97S 179.18E 12km M=4.1
0.2 0.02 0.01 R
Rsd 0.2s 21ph/19stn Dmin 82km Az.gap 279°
Corr. 0.021 15M/15stn Msd 0.2 2↑ 4↓

95/2816
FEB 08 1848 31.4s 37.65S 178.32E 80km M=4.3
0.7 0.03 0.04 5
Rsd 0.3s 22ph/20stn Dmin 6km Az.gap 199°
Corr. 0.313 22M/18stn Msd 0.2 1↑

95/2817
FEB 08 1848 52.7s 37.37S 179.04E 12km M=4.3
2.2 0.08 0.15 R
Rsd 0.4s 10ph/7stn Dmin 70km Az.gap 284°
Corr. 0.190 14M/13stn Msd 0.2

95/2818
FEB 08 1849 18.4s 37.68S 179.60E 12km M=4.3
0.4 0.03 0.03 R
Rsd 0.2s 11ph/9stn Dmin 115km Az.gap 289°
Corr. -0.244 24M/20stn Msd 0.2

95/2822
FEB 08 1857 42.5s 37.37S 179.35E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.1s 12ph/10stn Dmin 96km Az.gap 284°
Corr. 0.184 35M/30stn Msd 0.2 1↑ 2↓

95/2824
FEB 08 1900 57.1s 37.97S 179.24E 12km M=3.7
0.4 0.02 0.02 R
Rsd 0.2s 14ph/12stn Dmin 87km Az.gap 282°
Corr. 0.176 24M/22stn Msd 0.2 2↑ 1↓

95/2831
FEB 08 1949 12.6s 37.52S 179.50E 12km M=4.2
0.3 0.02 0.02 R
Rsd 0.2s 21ph/20stn Dmin 106km Az.gap 287°
Corr. -0.091 11M/6stn Msd 0.2

95/2832
FEB 08 1951 18.4s 37.86S 179.36E 12km M=3.6
0.3 0.01 0.02 R
Rsd 0.1s 14ph/13stn Dmin 98km Az.gap 286°
Corr. 0.122 9M/8stn Msd 0.2 1↑ 1↓

95/2833
FEB 08 1952 16.0s 37.34S 179.33E 12km M=4.1
0.5 0.03 0.04 R
Rsd 0.3s 11ph/10stn Dmin 96km Az.gap 283°
Corr. -0.258 23M/16stn Msd 0.2

95/2836
FEB 08 2011 48.5s 37.58S 179.57E 12km M=3.7
0.7 0.03 0.05 R
Rsd 0.3s 9ph/8stn Dmin 112km Az.gap 289°
Corr. 0.289 8M/6stn Msd 0.6

95/2841
FEB 08 2106 20.1s 37.65S 179.38E 12km M=4.5
0.4 0.02 0.03 R
Rsd 0.2s 17ph/15stn Dmin 95km Az.gap 285°
Corr. 0.441 12M/6stn Msd 0.2

95/2842
FEB 08 2114 55.9s 38.01S 179.24E 12km M=3.5
1.3 0.06 0.07 R
Rsd 0.7s 6ph/4stn Dmin 87km Az.gap 287°
Corr. 0.143 6M/4stn Msd 0.5

95/2845
FEB 08 2135 18.8s 37.76S 179.37E 12km M=3.9
0.7 0.05 0.05 R
Rsd 0.4s 19ph/17stn Dmin 96km Az.gap 296°
Corr. -0.251 33M/28stn Msd 0.2 1↑ 1↓

95/2846
FEB 08 2136 10.4s 37.63S 179.45E 12km M=3.7
0.3 0.02 0.02 R
Rsd 0.1s 13ph/11stn Dmin 102km Az.gap 305°
Corr. -0.041 19M/19stn Msd 0.2

95/2848
FEB 08 2138 24.0s 37.48S 179.48E 12km M=3.6
1.5 0.08 0.10 R
Rsd 0.7s 9ph/6stn Dmin 105km Az.gap 293°
Corr. -0.460 7M/5stn Msd 0.3

95/2849
FEB 08 2138 41.3s 37.70S 179.59E 12km M=3.7
1.0 0.06 0.06 R
Rsd 0.4s 6ph/4stn Dmin 125km Az.gap 294°
Corr. -0.301 7M/5stn Msd 0.3

95/2850
FEB 08 2140 08.8s 37.73S 179.40E 12km M=3.7
0.3 0.02 0.02 R
Rsd 0.2s 10ph/8stn Dmin 98km Az.gap 301°
Corr. -0.113 10M/9stn Msd 0.3 1↓

95/2851
FEB 08 2144 16.9s 37.47S 179.37E 12km M=4.3
0.3 0.02 0.02 R
Rsd 0.1s 26ph/24stn Dmin 95km Az.gap 285°
Corr. -0.083 12M/7stn Msd 0.1 1↑

95/2853
FEB 08 2205 14.3s 37.57S 179.42E 12km M=3.8
0.2 0.02 0.01 R
Rsd 0.1s 11ph/9stn Dmin 99km Az.gap 308°
Corr. -0.129 13M/11stn Msd 0.4 1↓

95/2854
FEB 08 2217 12.2s 37.55S 179.44E 12km M=4.0
0.3 0.02 0.02 R
Rsd 0.2s 19ph/17stn Dmin 101km Az.gap 286°
Corr. -0.045 42M/36stn Msd 0.2 2↑ 3↓

95/2856
FEB 08 2220 23.7s 37.60S 179.57E 12km M=3.9
1.1 0.05 0.07 R
Rsd 0.6s 8ph/5stn Dmin 112km Az.gap 294°
Corr. 0.030 7M/5stn Msd 0.6

95/2857
FEB 08 2228 06.7s 37.48S 179.35E 12km M=3.6
1.2 0.05 0.08 R
Rsd 0.4s 5ph/3stn Dmin 94km Az.gap 307°
Corr. -0.518 4M/4stn Msd 0.4 1↓

95/2859
FEB 08 2241 29.6s 37.69S 179.37E 12km M=3.6
0.5 0.03 0.03 R
Rsd 0.3s 9ph/7stn Dmin 95km Az.gap 302°
Corr. 0.086 6M/6stn Msd 0.3 1↑ 1↓

95/2863
FEB 08 2301 29.2s 37.46S 179.50E 12km M=3.8
0.4 0.02 0.02 R
Rsd 0.2s 13ph/12stn Dmin 107km Az.gap 315°
Corr. 0.003 17M/14stn Msd 0.2

95/2865
FEB 08 2316 52.9s 37.49S 179.32E 12km M=3.8
0.5 0.03 0.04 R
Rsd 0.2s 9ph/8stn Dmin 91km Az.gap 286°
Corr. -0.336 10M/9stn Msd 0.2

95/2866
FEB 08 2317 45.2s 37.75S 179.42E 12km M=3.8
0.5 0.02 0.03 R
Rsd 0.2s 6ph/5stn Dmin 100km Az.gap 303°
Corr. -0.028 4M/2stn Msd 0.5

95/2867
FEB 08 2320 01.0s 37.42S 179.35E 12km M=3.9
0.5 0.03 0.03 R
Rsd 0.3s 15ph/14stn Dmin 94km Az.gap 284°
Corr. -0.218 23M/19stn Msd 0.2 1↑

95/2869
FEB 08 2341 51.0s 37.79S 179.19E 12km M=3.6
0.6 0.03 0.04 R
Rsd 0.3s 12ph/11stn Dmin 81km Az.gap 291°
Corr. -0.188 10M/9stn Msd 0.2 1↑ 2↓

95/2871
FEB 09 0007 36.6s 37.93S 179.46E 12km M=3.6
0.9 0.05 0.05 R
Rsd 0.5s 8ph/5stn Dmin 107km Az.gap 297°
Corr. 0.141 4M/4stn Msd 0.2 1↓

95/2872
FEB 09 0038 14.2s 37.95S 179.23E 12km M=4.2
0.1 0.01 0.01 R
Rsd 0.1s 22ph/20stn Dmin 87km Az.gap 282°
Corr. 0.144 10M/5stn Msd 0.1 1↓

95/2874
FEB 09 0049 25.3s 37.60S 179.20E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.1s 13ph/9stn Dmin 79km Az.gap 281°
Corr. -0.296 13M/12stn Msd 0.4

95/2875
FEB 09 0059 02.1s 37.68S 179.59E 12km M=3.6
0.3 0.02 0.02 R
Rsd 0.1s 12ph/8stn Dmin 114km Az.gap 307°
Corr. -0.066 8M/8stn Msd 0.2 1↓

95/2876
FEB 09 0101 45.6s 37.58S 179.57E 12km M=3.6
0.7 0.05 0.05 R
Rsd 0.4s 9ph/6stn Dmin 112km Az.gap 294°
Corr. -0.147 6M/4stn Msd 0.2 1↓

95/2878
FEB 09 0117 59.1s 37.34S 179.31E 12km M=3.5
0.3 0.02 0.02 R
Rsd 0.1s 11ph/9stn Dmin 94km Az.gap 290°
Corr. -0.517 5M/5stn Msd 0.4

95/2879
FEB 09 0135 00.9s 37.46S 179.45E 12km M=5.5
0.1 0.01 0.01 R
Rsd 0.1s 62ph/42stn Dmin 103km Az.gap 286°
Corr. -0.064 48M/25stn Msd 0.2 2↑

95/2880
FEB 09 0146 22.2s 37.87S 179.37E 12km M=3.6
0.4 0.02 0.02 R
Rsd 0.2s 11ph/6stn Dmin 99km Az.gap 298°
Corr. 0.137 5M/5stn Msd 0.1

95/2881
FEB 09 0204 33.3s 37.48S 179.46E 12km M=4.0
0.3 0.02 0.02 R
Rsd 0.1s 26ph/20stn Dmin 103km Az.gap 293°
Corr. 0.019 40M/37stn Msd 0.2

95/2883
FEB 09 0210 51.9s 37.68S 179.48E 12km M=4.1
0.5 0.03 0.03 R
Rsd 0.3s 17ph/15stn Dmin 105km Az.gap 293°
Corr. 0.014 11M/10stn Msd 0.4 2↑ 2↓

95/2884
FEB 09 0211 21.4s 37.57S 179.52E 12km M=4.4
0.5 0.04 0.03 R
Rsd 0.3s 17ph/12stn Dmin 108km Az.gap 289°
Corr. -0.262 21M/15stn Msd 0.2 1↓

95/2885
FEB 09 0212 36.5s 37.55S 179.44E 12km M=3.9
0.6 0.03 0.04 R
Rsd 0.3s 7ph/5stn Dmin 100km Az.gap 295°
Corr. -0.450 6M/4stn Msd 0.3

95/2886
FEB 09 0213 00.2s 37.39S 179.22E 12km M=4.0
0.9 0.05 0.06 R
Rsd 0.3s 10ph/6stn Dmin 85km Az.gap 288°
Corr. -0.428 14M/7stn Msd 0.2

95/2887
FEB 09 0221 34.5s 37.49S 179.46E 12km M=5.7
0.2 0.02 0.01 R
Rsd 0.2s 55ph/40stn Dmin 103km Az.gap 287°
Corr. 0.001 55M/28stn Msd 0.4 24↑ 6↓

95/2888
FEB 09 0224 54.1s 37.43S 179.38E 12km M=3.8
0.4 0.03 0.03 R
Rsd 0.2s 14ph/12stn Dmin 97km Az.gap 287°
Corr. -0.617 6M/5stn Msd 0.4

95/2889
FEB 09 0225 23.8s 37.51S 179.49E 12km M=3.8
0.6 0.05 0.05 R
Rsd 0.3s 14ph/11stn Dmin 105km Az.gap 293°
Corr. -0.587 6M/5stn Msd 0.3

95/2890
FEB 09 0228 50.3s 37.46S 179.40E 12km M=4.6
0.2 0.02 0.02 R
Rsd 0.1s 31ph/21stn Dmin 98km Az.gap 286°
Corr. -0.326 14M/8stn Msd 0.1 1↓

95/2891
FEB 09 0232 45.2s 37.86S 179.41E 12km M=3.6
1.1 0.06 0.06 R
Rsd 0.6s 10ph/7stn Dmin 102km Az.gap 297°
Corr. 0.032 6M/6stn Msd 0.3

95/2892
FEB 09 0233 24.8s 37.71S 179.65E 12km M=3.5
1.2 0.05 0.07 R
Rsd 0.5s 6ph/3stn Dmin 120km Az.gap 311°
Corr. -0.384 4M/2stn Msd 0.3

95/2893
FEB 09 0238 11.2s 37.91S 179.41E 12km M=3.7
0.4 0.03 0.02 R
Rsd 0.3s 7ph/5stn Dmin 103km Az.gap 303°
Corr. 0.062 6M/4stn Msd 0.5 1↓

95/2895
FEB 09 0244 01.3s 37.42S 179.46E 12km M=3.8
0.3 0.03 0.02 R
Rsd 0.1s 11ph/8stn Dmin 105km Az.gap 294°
Corr. -0.311 16M/13stn Msd 0.4 1↑

95/2897
FEB 09 0246 48.5s 37.60S 179.61E 12km M=3.7
0.6 0.04 0.03 R
Rsd 0.3s 9ph/6stn Dmin 116km Az.gap 315°
Corr. -0.068 9M/7stn Msd 0.2

95/2899
FEB 09 0247 53.7s 37.55S 179.53E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.1s 10ph/8stn Dmin 109km Az.gap 311°
Corr. -0.328 8M/6stn Msd 0.3 1↑

95/2900
FEB 09 0249 51.5s 37.47S 179.44E 12km M=4.1
0.2 0.02 0.02 R
Rsd 0.1s 33ph/24stn Dmin 102km Az.gap 286°
Corr. -0.506 46M/41stn Msd 0.2 1↓

95/2901
FEB 09 0310 45.5s 37.83S 179.42E 12km M=4.1
0.2 0.01 0.01 R
Rsd 0.1s 37ph/30stn Dmin 102km Az.gap 285°
Corr. 0.208 11M/7stn Msd 0.1 1↓

95/2902
FEB 09 0316 18.1s 37.51S 179.46E 12km M=3.9
0.1 0.01 0.01 R
Rsd 0.1s 13ph/11stn Dmin 103km Az.gap 312°
Corr. -0.112 23M/23stn Msd 0.2

95/2903
FEB 09 0317 18.0s 37.79S 179.29E 12km M=4.1
0.4 0.02 0.02 R
Rsd 0.2s 25ph/23stn Dmin 90km Az.gap 285°
Corr. 0.165 45M/41stn Msd 0.2 1↑ 1↓

95/2905
FEB 09 0337 38.4s 38.01S 179.25E 12km M=4.0
0.5 0.02 0.03 R
Rsd 0.3s 7ph/5stn Dmin 87km Az.gap 294°
Corr. 0.153 6M/6stn Msd 1.3

95/2906
FEB 09 0345 50.8s 37.48S 179.42E 12km M=5.3
0.3 0.02 0.02 R
Rsd 0.2s 47ph/42stn Dmin 100km Az.gap 286°
Corr. 0.120 45M/24stn Msd 0.2 2↑ 4↓

95/2908
FEB 09 0416 50.4s 37.69S 179.45E 12km M=3.8
0.4 0.02 0.02 R
Rsd 0.2s 10ph/9stn Dmin 102km Az.gap 304°
Corr. 0.253 13M/11stn Msd 0.4

95/2909
FEB 09 0422 17.7s 37.49S 179.43E 12km M=3.7
0.4 0.03 0.03 R
Rsd 0.2s 11ph/10stn Dmin 100km Az.gap 286°
Corr. -0.124 11M/10stn Msd 0.3 1↓

95/2910
FEB 09 0422 49.5s 37.88S 179.41E 12km M=3.8
0.9 0.04 0.05 R
Rsd 0.4s 10ph/9stn Dmin 103km Az.gap 295°
Corr. 0.212 18M/17stn Msd 0.2

95/2914
FEB 09 0440 56.8s 37.50S 179.39E 12km M=3.9
0.2 0.01 0.02 R
Rsd 0.1s 11ph/10stn Dmin 97km Az.gap 317°
Corr. -0.156 17M/11stn Msd 0.3

95/2915
FEB 09 0449 38.8s 37.46S 179.63E 12km M=4.2
1.1 0.04 0.08 R
Rsd 0.3s 6ph/5stn Dmin 118km Az.gap 295°
Corr. -0.528 5M/3stn Msd 0.6

95/2916
FEB 09 0505 08.3s 37.42S 179.25E 12km M=4.2
0.2 0.01 0.01 R
Rsd 0.1s 21ph/18stn Dmin 86km Az.gap 289°
Corr. -0.021 8M/4stn Msd 0.2 1↑ 1↓

95/2921
FEB 09 0538 38.8s 37.83S 179.40E 12km M=3.6
1.7 0.08 0.10 R
Rsd 0.4s 6ph/5stn Dmin 101km Az.gap 331°
Corr. -0.291 5M/3stn Msd 0.2

95/2923
FEB 09 0544 55.7s 37.46S 179.36E 12km M=4.3
0.4 0.02 0.03 R
Rsd 0.2s 26ph/22stn Dmin 95km Az.gap 285°
Corr. -0.091 12M/7stn Msd 0.2 1↓

95/2924
FEB 09 0559 55.1s 37.48S 179.42E 12km M=4.3
0.3 0.02 0.02 R
Rsd 0.1s 21ph/18stn Dmin 99km Az.gap 286°
Corr. -0.117 12M/6stn Msd 0.2

95/2927
FEB 09 0628 29.6s 40.77S 174.59E 72km M=4.3
0.1 0.01 0.01 2
Rsd 0.2s 40ph/34stn Dmin 29km Az.gap 74°
Corr. 0.032 17M/13stn Msd 0.2 13↑ 3↓
Felt Kapiti Coast (65) to Fighting Bay (78), MM4.

95/2928
FEB 09 0635 20.9s 37.46S 179.55E 12km M=3.6
0.7 0.05 0.04 R
Rsd 0.3s 9ph/8stn Dmin 111km Az.gap 323°
Corr. 0.049 12M/10stn Msd 0.5

95/2930
FEB 09 0647 14.3s 37.43S 179.35E 12km M=3.8
0.2 0.02 0.01 R
Rsd 0.1s 10ph/8stn Dmin 94km Az.gap 321°
Corr. -0.087 9M/7stn Msd 0.3

95/2931
FEB 09 0648 36.4s 37.97S 179.23E 12km M=3.7
0.5 0.02 0.03 R
Rsd 0.2s 13ph/12stn Dmin 86km Az.gap 284°
Corr. 0.272 11M/11stn Msd 0.2

95/2933
FEB 09 0653 23.2s 37.94S 179.27E 12km M=3.7
0.8 0.03 0.05 R
Rsd 0.3s 14ph/13stn Dmin 90km Az.gap 287°
Corr. 0.529 16M/15stn Msd 0.2

95/2934
FEB 09 0658 48.0s 37.47S 179.42E 12km M=3.8
0.2 0.01 0.01 R
Rsd 0.1s 19ph/16stn Dmin 100km Az.gap 314°
Corr. -0.194 29M/27stn Msd 0.3 1↓

95/2937
FEB 09 0704 16.6s 37.89S 179.37E 12km M=4.0
0.3 0.02 0.02 R
Rsd 0.2s 22ph/18stn Dmin 100km Az.gap 284°
Corr. 0.333 39M/32stn Msd 0.2 1↓

95/2943
FEB 09 0728 02.8s 37.46S 179.16E 12km M=4.0
0.8 0.04 0.06 R
Rsd 0.3s 13ph/11stn Dmin 77km Az.gap 319°
Corr. -0.119 16M/12stn Msd 0.4

95/2944
FEB 09 0733 15.7s 37.77S 179.31E 12km M=3.6
0.4 0.02 0.02 R
Rsd 0.2s 12ph/9stn Dmin 91km Az.gap 289°
Corr. 0.103 8M/6stn Msd 0.4 1↓

95/2945
FEB 09 0739 23.5s 37.96S 179.26E 12km M=3.7
0.3 0.02 0.02 R
Rsd 0.2s 14ph/11stn Dmin 89km Az.gap 285°
Corr. 0.206 14M/12stn Msd 0.3 2↑ 2↓

95/2946
FEB 09 0825 36.4s 37.49S 179.29E 12km M=4.9
0.2 0.02 0.02 R
Rsd 0.2s 20ph/17stn Dmin 89km Az.gap 283°
Corr. -0.430 28M/15stn Msd 0.2 1↓

95/2947
FEB 09 0826 24.0s 38.05S 179.17E 12km M=5.3
0.3 0.02 0.02 R
Rsd 0.2s 17ph/14stn Dmin 80km Az.gap 277°
Corr. 0.273 31M/16stn Msd 0.2

95/2948
FEB 09 0828 33.7s 37.53S 179.27E 12km M=3.8
0.2 0.01 0.01 R
Rsd 0.1s 11ph/9stn Dmin 86km Az.gap 289°
Corr. -0.383 5M/5stn Msd 0.3

95/2951
FEB 09 0836 23.2s 37.84S 179.54E 12km M=3.5
0.8 0.04 0.05 R
Rsd 0.5s 10ph/6stn Dmin 112km Az.gap 302°
Corr. 0.066 3M/3stn Msd 0.3 1↓

95/2953
FEB 09 0844 48.7s 37.93S 179.28E 12km M=3.9
0.4 0.02 0.02 R
Rsd 0.2s 22ph/20stn Dmin 91km Az.gap 285°
Corr. 0.124 34M/30stn Msd 0.2 1↑

95/2954
FEB 09 0852 43.0s 37.33S 179.44E 12km M=4.0
0.4 0.03 0.03 R
Rsd 0.2s 18ph/15stn Dmin 105km Az.gap 286°
Corr. -0.183 34M/29stn Msd 0.2

95/2955
FEB 09 0854 18.4s 37.46S 179.27E 12km M=4.5
0.3 0.02 0.02 R
Rsd 0.2s 15ph/12stn Dmin 87km Az.gap 282°
Corr. -0.319 12M/8stn Msd 0.2

95/2956
FEB 09 0911 36.3s 37.43S 179.42E 12km M=4.5
0.3 0.02 0.02 R
Rsd 0.1s 27ph/25stn Dmin 100km Az.gap 286°
Corr. -0.068 21M/12stn Msd 0.2 2↑ 1↓

95/2957
FEB 09 0915 22.9s 37.68S 179.59E 12km M=3.6
0.3 0.02 0.02 R
Rsd 0.2s 13ph/12stn Dmin 114km Az.gap 292°
Corr. -0.104 15M/15stn Msd 0.2

95/2958
FEB 09 0921 01.6s 45.11S 166.61E 12km M=3.8
0.3 0.01 0.02 R
Rsd 0.1s 6ph/4stn Dmin 115km Az.gap 295°
Corr. -0.268 26M/20stn Msd 0.2

95/2960
FEB 09 0932 23.3s 37.98S 179.21E 12km M=4.2
0.2 0.01 0.01 R
Rsd 0.1s 17ph/16stn Dmin 84km Az.gap 280°
Corr. 0.130 34M/31stn Msd 0.3

95/2961
FEB 09 0933 57.2s 37.49S 179.27E 12km M=4.4
0.4 0.02 0.02 R
Rsd 0.2s 29ph/25stn Dmin 87km Az.gap 283°
Corr. 0.219 12M/6stn Msd 0.1 1↓

95/2963
FEB 09 0950 26.4s 37.91S 179.26E 12km M=3.9
0.5 0.03 0.03 R
Rsd 0.2s 19ph/18stn Dmin 90km Az.gap 285°
Corr. 0.391 21M/16stn Msd 0.2 1↑

95/2967
FEB 09 1015 36.2s 37.63S 179.36E 12km M=3.7
0.2 0.01 0.01 R
Rsd 0.1s 12ph/10stn Dmin 94km Az.gap 305°
Corr. -0.409 17M/17stn Msd 0.2 1↑

95/2968
FEB 09 1017 30.9s 37.42S 179.40E 12km M=4.2
0.3 0.02 0.02 R
Rsd 0.1s 25ph/22stn Dmin 99km Az.gap 286°
Corr. -0.093 10M/6stn Msd 0.3 1↑

95/2972
FEB 09 1034 36.0s 37.89S 179.37E 12km M=4.9
0.5 0.02 0.03 R
Rsd 0.3s 35ph/32stn Dmin 100km Az.gap 284°
Corr. 0.333 10M/9stn Msd 0.3 1↓

95/2973
FEB 09 1035 05.0s 37.89S 179.30E 12km M=5.5
0.6 0.03 0.04 R
Rsd 0.3s 19ph/16stn Dmin 93km Az.gap 287°
Corr. 0.355 40M/21stn Msd 0.3

95/2974
FEB 09 1036 37.6s 37.92S 179.19E 12km M=4.0
0.7 0.03 0.04 R
Rsd 0.3s 6ph/4stn Dmin 84km Az.gap 289°
Corr. -0.193 2M/2stn Msd 0.3

95/2975
FEB 09 1037 43.8s 37.84S 179.90E 12km M=4.3
1.1 0.05 0.06 R
Rsd 0.4s 7ph/4stn Dmin 143km Az.gap 308°
Corr. -0.209 4M/2stn Msd 0.3

95/2976
FEB 09 1038 45.9s 37.90S 179.28E 12km M=4.6
0.4 0.02 0.02 R
Rsd 0.3s 18ph/15stn Dmin 92km Az.gap 288°
Corr. 0.223 12M/6stn Msd 0.2

95/2977
FEB 09 1039 37.4s 38.01S 179.29E 12km M=4.1
0.3 0.02 0.02 R
Rsd 0.2s 10ph/6stn Dmin 91km Az.gap 285°
Corr. 0.026 10M/10stn Msd 0.2

95/2978
FEB 09 1040 31.3s 37.95S 179.24E 12km M=4.2
0.3 0.01 0.02 R
Rsd 0.2s 24ph/21stn Dmin 87km Az.gap 282°
Corr. 0.195 27M/24stn Msd 0.2

95/2979
FEB 09 1040 56.8s 37.82S 179.00E 12km M=4.0
0.8 0.04 0.04 R
Rsd 0.3s 8ph/6stn Dmin 66km Az.gap 289°
Corr. -0.214 12M/12stn Msd 0.2

95/2980
FEB 09 1041 35.4s 37.99S 179.23E 12km M=4.2
0.3 0.02 0.01 R
Rsd 0.1s 14ph/12stn Dmin 86km Az.gap 282°
Corr. 0.390 29M/27stn Msd 0.2

95/2981
FEB 09 1044 04.6s 38.05S 179.26E 12km M=3.6
0.8 0.05 0.04 R
Rsd 0.4s 10ph/7stn Dmin 88km Az.gap 281°
Corr. 0.355 4M/4stn Msd 0.2 1↓

95/2982
FEB 09 1045 58.6s 37.95S 179.25E 12km M=5.0
0.3 0.02 0.02 R
Rsd 0.3s 32ph/29stn Dmin 88km Az.gap 282°
Corr. 0.212 29M/15stn Msd 0.2 1↑

95/2983
FEB 09 1046 56.3s 37.75S 179.25E 12km M=4.1
0.9 0.05 0.06 R
Rsd 0.3s 15ph/13stn Dmin 85km Az.gap 288°
Corr. 0.268 25M/24stn Msd 0.2

95/2984
FEB 09 1048 01.7s 37.94S 179.24E 12km M=4.1
0.5 0.03 0.03 R
Rsd 0.2s 22ph/20stn Dmin 88km Az.gap 284°
Corr. 0.255 14M/13stn Msd 0.2

95/2986
FEB 09 1051 25.3s 37.95S 179.25E 12km M=4.3
0.3 0.01 0.02 R
Rsd 0.2s 20ph/18stn Dmin 88km Az.gap 282°
Corr. 0.295 14M/8stn Msd 0.2

95/2987
FEB 09 1051 52.0s 37.91S 179.39E 12km M=3.8
1.0 0.05 0.06 R
Rsd 0.5s 10ph/8stn Dmin 101km Az.gap 295°
Corr. 0.076 6M/6stn Msd 0.2

95/2989
FEB 09 1053 48.4s 38.05S 179.21E 12km M=4.3
0.3 0.02 0.02 R
Rsd 0.1s 14ph/12stn Dmin 84km Az.gap 276°
Corr. 0.367 7M/5stn Msd 0.7

95/2990
FEB 09 1053 54.9s 37.87S 179.28E 12km M=4.1
0.6 0.03 0.04 R
Rsd 0.3s 12ph/11stn Dmin 91km Az.gap 290°
Corr. 0.315 7M/5stn Msd 0.3

95/2991
FEB 09 1056 37.8s 37.95S 179.33E 12km M=5.7
0.4 0.02 0.03 R
Rsd 0.2s 40ph/37stn Dmin 96km Az.gap 283°
Corr. 0.288 48M/25stn Msd 0.2 2↑ 1↓

95/2992
FEB 09 1057 27.5s 38.05S 178.68E 12km M=4.2
0.7 0.02 0.05 R
Rsd 0.4s 6ph/4stn Dmin 37km Az.gap 253°
Corr. -0.060 8M/8stn Msd 0.2

95/2993
FEB 09 1058 19.0s 38.06S 179.16E 12km M=3.8
0.2 0.01 0.01 R
Rsd 0.1s 7ph/5stn Dmin 80km Az.gap 278°
Corr. 0.411 3M/3stn Msd 0.2

95/2994
FEB 09 1058 38.2s 37.91S 179.14E 12km M=4.0
0.2 0.01 0.01 R
Rsd 0.1s 13ph/10stn Dmin 79km Az.gap 282°
Corr. -0.007 27M/27stn Msd 0.2

95/2995
FEB 09 1059 58.8s 37.95S 179.24E 12km M=3.6
0.6 0.02 0.04 R
Rsd 0.2s 16ph/15stn Dmin 87km Az.gap 282°
Corr. 0.040 21M/19stn Msd 0.3

95/2996
FEB 09 1101 11.3s 37.96S 179.27E 12km M=4.8
0.5 0.02 0.03 R
Rsd 0.3s 36ph/34stn Dmin 90km Az.gap 282°
Corr. 0.312 48M/41stn Msd 0.3 1↑ 1↓

95/2997
FEB 09 1102 08.8s 37.77S 179.41E 12km M=3.8
0.8 0.04 0.04 R
Rsd 0.2s 4ph/3stn Dmin 100km Az.gap 311°
Corr. -0.149 3M/3stn Msd 0.3

95/2998
FEB 09 1102 52.4s 37.98S 179.18E 12km M=4.0
2.2 0.06 0.13 R
Rsd 0.8s 8ph/7stn Dmin 82km Az.gap 285°
Corr. -0.051 16M/13stn Msd 0.2

95/2999
FEB 09 1103 17.3s 37.95S 179.19E 12km M=3.7
0.9 0.03 0.05 R
Rsd 0.3s 5ph/4stn Dmin 83km Az.gap 287°
Corr. 0.025 5M/3stn Msd 0.1

95/3000
FEB 09 1103 58.8s 37.98S 179.18E 12km M=3.6
0.3 0.01 0.02 R
Rsd 0.1s 11ph/9stn Dmin 82km Az.gap 284°
Corr. 0.179 17M/16stn Msd 0.2

95/3001
FEB 09 1105 36.2s 38.00S 179.23E 12km M=4.5
0.3 0.02 0.02 R
Rsd 0.2s 15ph/13stn Dmin 86km Az.gap 282°
Corr. 0.033 8M/4stn Msd 0.3

95/3002
FEB 09 1106 34.9s 37.91S 179.19E 12km M=3.9
0.4 0.02 0.02 R
Rsd 0.2s 14ph/13stn Dmin 84km Az.gap 285°
Corr. 0.247 5M/3stn Msd 0.3

95/3003
FEB 09 1107 07.5s 37.98S 179.19E 12km M=4.1
0.4 0.02 0.02 R
Rsd 0.2s 15ph/13stn Dmin 83km Az.gap 282°
Corr. 0.227 23M/16stn Msd 0.3

95/3004
FEB 09 1108 24.1s 37.99S 179.23E 12km M=3.7
0.3 0.01 0.01 R
Rsd 0.1s 11ph/9stn Dmin 86km Az.gap 283°
Corr. 0.361 6M/4stn Msd 0.1

95/3005
FEB 09 1108 56.6s 37.98S 179.10E 12km M=3.7
0.1 0.01 0.01 R
Rsd 0.1s 11ph/9stn Dmin 75km Az.gap 277°
Corr. 0.314 6M/4stn Msd 0.2

95/3006
FEB 09 1109 58.5s 37.94S 179.46E 12km M=3.5
0.2 0.01 0.01 R
Rsd 0.0s 5ph/4stn Dmin 109km Az.gap 308°
Corr. 0.199 4M/4stn Msd 0.1

95/3009
FEB 09 1115 37.4s 37.93S 179.25E 12km M=3.8
0.3 0.01 0.02 R
Rsd 0.1s 14ph/11stn Dmin 89km Az.gap 286°
Corr. 0.250 15M/13stn Msd 0.2

95/3010
FEB 09 1116 35.9s 37.92S 179.26E 12km M=3.7
0.5 0.03 0.03 R
Rsd 0.3s 12ph/9stn Dmin 89km Az.gap 288°
Corr. 0.353 11M/9stn Msd 0.2 1↓

95/3011
FEB 09 1117 34.6s 37.90S 179.06E 12km M=3.9
0.3 0.01 0.02 R
Rsd 0.1s 5ph/4stn Dmin 73km Az.gap 292°
Corr. -0.203 4M/4stn Msd 0.2

95/3012
FEB 09 1119 31.1s 38.05S 179.24E 12km M=3.6
1.1 0.05 0.06 R
Rsd 0.7s 7ph/5stn Dmin 86km Az.gap 285°
Corr. 0.165 6M/4stn Msd 0.2 1↑

95/3013
FEB 09 1119 53.2s 37.82S 179.22E 12km M=4.1
0.4 0.03 0.02 R
Rsd 0.2s 15ph/13stn Dmin 85km Az.gap 283°
Corr. -0.067 20M/14stn Msd 0.2

95/3014
FEB 09 1126 02.6s 37.90S 179.30E 12km M=5.1
0.2 0.01 0.01 R
Rsd 0.2s 38ph/34stn Dmin 94km Az.gap 284°
Corr. 0.345 41M/22stn Msd 0.2 1↑

95/3015
FEB 09 1126 42.5s 37.89S 179.23E 12km M=4.8
0.5 0.03 0.03 R
Rsd 0.3s 9ph/6stn Dmin 88km Az.gap 288°
Corr. 0.054 21M/15stn Msd 0.2

95/3016
FEB 09 1127 25.1s 37.98S 179.24E 12km M=4.4
1.8 0.06 0.09 R
Rsd 0.8s 10ph/7stn Dmin 87km Az.gap 286°
Corr. 0.115 4M/2stn Msd 0.2

95/3017
FEB 09 1133 27.9s 37.91S 179.26E 12km M=4.1
0.3 0.03 0.02 R
Rsd 0.2s 18ph/15stn Dmin 90km Az.gap 285°
Corr. -0.009 27M/20stn Msd 0.2

95/3018
FEB 09 1134 13.2s 37.99S 179.25E 12km M=3.8
0.4 0.02 0.02 R
Rsd 0.2s 11ph/8stn Dmin 88km Az.gap 283°
Corr. 0.091 2M/2stn Msd 0.2

95/3020
FEB 09 1135 07.9s 37.95S 179.22E 12km M=3.7
0.3 0.02 0.02 R
Rsd 0.2s 14ph/11stn Dmin 86km Az.gap 285°
Corr. 0.306 7M/7stn Msd 0.2

95/3021
FEB 09 1135 32.0s 37.81S 178.96E 12km M=3.7
0.5 0.02 0.03 R
Rsd 0.2s 6ph/4stn Dmin 62km Az.gap 290°
Corr. -0.370 6M/4stn Msd 0.1

95/3022
FEB 09 1136 10.3s 37.90S 179.29E 12km M=4.6
0.3 0.02 0.02 R
Rsd 0.2s 20ph/16stn Dmin 93km Az.gap 284°
Corr. 0.358 10M/5stn Msd 0.2 1↓

95/3023
FEB 09 1137 08.7s 37.97S 179.24E 12km M=3.9
0.4 0.02 0.02 R
Rsd 0.2s 15ph/11stn Dmin 87km Az.gap 284°
Corr. -0.167 2M/2stn Msd 0.2

95/3024
FEB 09 1138 15.1s 38.00S 179.22E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.2s 13ph/10stn Dmin 85km Az.gap 282°
Corr. 0.366 10M/10stn Msd 0.2

95/3025
FEB 09 1141 02.6s 37.96S 179.25E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.2s 13ph/12stn Dmin 88km Az.gap 285°
Corr. 0.370 5M/3stn Msd 0.2

95/3026
FEB 09 1141 21.7s 37.99S 179.25E 12km M=4.6
0.3 0.02 0.02 R
Rsd 0.2s 21ph/19stn Dmin 88km Az.gap 283°
Corr. 0.268 31M/24stn Msd 0.2 1↓

95/3027
FEB 09 1142 32.4s 38.00S 179.19E 12km M=4.1
0.3 0.02 0.02 R
Rsd 0.2s 19ph/18stn Dmin 82km Az.gap 281°
Corr. 0.125 20M/16stn Msd 0.2

95/3028
FEB 09 1146 18.1s 37.69S 179.39E 12km M=3.9
0.4 0.03 0.03 R
Rsd 0.3s 8ph/6stn Dmin 108km Az.gap 292°
Corr. -0.296 4M/3stn Msd 0.5

95/3029
FEB 09 1152 15.2s 37.97S 179.26E 12km M=4.1
0.4 0.02 0.03 R
Rsd 0.2s 21ph/20stn Dmin 88km Az.gap 284°
Corr. 0.328 13M/8stn Msd 0.1

95/3031
FEB 09 1154 45.2s 37.99S 179.24E 12km M=3.7
0.3 0.01 0.02 R
Rsd 0.2s 12ph/11stn Dmin 86km Az.gap 284°
Corr. 0.290 7M/7stn Msd 0.2

95/3032
FEB 09 1156 03.7s 37.92S 179.23E 12km M=3.8
0.3 0.02 0.01 R
Rsd 0.1s 15ph/12stn Dmin 88km Az.gap 284°
Corr. 0.304 10M/9stn Msd 0.2

95/3033
FEB 09 1201 14.2s 37.48S 179.71E 12km M=3.5
0.4 0.02 0.02 R
Rsd 0.1s 6ph/4stn Dmin 125km Az.gap 315°
Corr. 0.462 2M/2stn Msd 0.2

95/3034
FEB 09 1202 30.9s 37.95S 179.34E 12km M=3.8
0.4 0.02 0.02 R
Rsd 0.3s 16ph/13stn Dmin 96km Az.gap 291°
Corr. 0.181 16M/16stn Msd 0.2 1↓

95/3035
FEB 09 1203 32.8s 37.89S 179.20E 12km M=3.5
0.4 0.02 0.02 R
Rsd 0.2s 6ph/3stn Dmin 86km Az.gap 299°
Corr. 0.109 5M/3stn Msd 0.1

95/3036
FEB 09 1205 37.0s 38.01S 179.22E 12km M=3.9
0.4 0.02 0.02 R
Rsd 0.2s 15ph/12stn Dmin 85km Az.gap 281°
Corr. 0.451 18M/15stn Msd 0.2 1↓

95/3037
FEB 09 1213 26.5s 37.90S 179.27E 12km M=4.0
0.4 0.02 0.02 R
Rsd 0.3s 15ph/12stn Dmin 91km Az.gap 285°
Corr. 0.197 16M/11stn Msd 0.2 1↓

95/3038
FEB 09 1213 57.6s 38.01S 179.24E 12km M=4.0
0.5 0.03 0.03 R
Rsd 0.3s 12ph/9stn Dmin 86km Az.gap 282°
Corr. 0.038 14M/9stn Msd 0.1

95/3039
FEB 09 1214 32.3s 37.98S 179.13E 12km M=3.6
0.8 0.03 0.05 R
Rsd 0.5s 8ph/5stn Dmin 77km Az.gap 283°
Corr. 0.150 5M/3stn Msd 0.1

95/3040
FEB 09 1214 55.2s 38.08S 179.77E 12km M=3.8
0.4 0.02 0.02 R
Rsd 0.2s 8ph/6stn Dmin 133km Az.gap 298°
Corr. 0.056 2M/2stn Msd 0.2

95/3043
FEB 09 1220 16.8s 37.97S 179.26E 12km M=3.5
0.3 0.01 0.02 R
Rsd 0.1s 11ph/9stn Dmin 89km Az.gap 284°
Corr. 0.333 6M/6stn Msd 0.2

95/3044
FEB 09 1222 13.0s 37.82S 179.24E 12km M=3.6
0.6 0.03 0.03 R
Rsd 0.3s 10ph/9stn Dmin 86km Az.gap 283°
Corr. 0.232 7M/5stn Msd 0.3

95/3045
FEB 09 1226 05.2s 37.92S 179.30E 12km M=3.9
0.5 0.02 0.03 R
Rsd 0.2s 13ph/12stn Dmin 93km Az.gap 289°
Corr. 0.328 21M/14stn Msd 0.3

95/3046
FEB 09 1235 41.1s 37.95S 179.27E 12km M=3.7
0.5 0.02 0.03 R
Rsd 0.2s 14ph/13stn Dmin 90km Az.gap 286°
Corr. 0.364 7M/6stn Msd 0.2

95/3047
FEB 09 1236 24.2s 37.93S 179.25E 12km M=3.8
0.4 0.02 0.03 R
Rsd 0.2s 14ph/13stn Dmin 89km Az.gap 286°
Corr. 0.210 12M/10stn Msd 0.2

95/3049
FEB 09 1240 50.7s 37.86S 179.30E 12km M=4.0
0.2 0.01 0.01 R
Rsd 0.1s 17ph/15stn Dmin 93km Az.gap 286°
Corr. 0.245 19M/18stn Msd 0.2

95/3050
FEB 09 1241 50.2s 37.97S 179.24E 12km M=3.5
0.8 0.04 0.05 R
Rsd 0.4s 13ph/12stn Dmin 87km Az.gap 285°
Corr. 0.377 8M/8stn Msd 0.2

95/3051
FEB 09 1246 35.0s 37.99S 179.25E 12km M=4.3
0.4 0.02 0.03 R
Rsd 0.2s 24ph/22stn Dmin 87km Az.gap 283°
Corr. 0.319 10M/6stn Msd 0.1

95/3052
FEB 09 1253 54.5s 37.98S 179.28E 12km M=5.3
0.4 0.02 0.02 R
Rsd 0.2s 37ph/35stn Dmin 90km Az.gap 283°
Corr. 0.398 18M/10stn Msd 0.2 1↑ 1↓

95/3053
FEB 09 1254 25.2s 38.04S 178.98E 12km M=4.5
0.4 0.02 0.03 R
Rsd 0.2s 5ph/4stn Dmin 64km Az.gap 267°
Corr. 0.249 3M/3stn Msd 0.1

95/3054
FEB 09 1254 37.8s 38.06S 179.02E 12km M=4.3
0.2 0.01 0.01 R
Rsd 0.1s 6ph/5stn Dmin 67km Az.gap 269°
Corr. 0.358 4M/4stn Msd 0.1

95/3055
FEB 09 1255 44.6s 38.00S 179.20E 12km M=3.5
0.3 0.01 0.01 R
Rsd 0.1s 4ph/3stn Dmin 83km Az.gap 297°
Corr. -0.049 3M/3stn Msd 0.2

95/3057
FEB 09 1258 42.8s 37.99S 179.22E 12km M=4.9
0.4 0.02 0.03 R
Rsd 0.2s 26ph/24stn Dmin 85km Az.gap 282°
Corr. 0.290 8M/5stn Msd 0.1 1↓

95/3058
FEB 09 1303 31.9s 37.90S 179.22E 12km M=3.5
0.5 0.03 0.03 R
Rsd 0.3s 12ph/10stn Dmin 87km Az.gap 287°
Corr. 0.264 6M/6stn Msd 0.2

95/3062
FEB 09 1306 56.3s 37.99S 179.62E 12km M=3.7
0.8 0.05 0.05 R
Rsd 0.5s 13ph/11stn Dmin 120km Az.gap 293°
Corr. 0.159 7M/7stn Msd 0.2 1↓

95/3063
FEB 09 1307 34.2s 38.01S 179.26E 12km M=3.7
0.5 0.03 0.03 R
Rsd 0.3s 8ph/6stn Dmin 88km Az.gap 295°
Corr. -0.049 5M/5stn Msd 0.1

95/3064
FEB 09 1307 43.5s 38.04S 179.14E 12km M=3.8
1.2 0.06 0.06 R
Rsd 0.8s 10ph/8stn Dmin 78km Az.gap 277°
Corr. 0.339 10M/8stn Msd 0.1

95/3065
FEB 09 1310 59.4s 37.92S 179.27E 12km M=3.6
0.3 0.02 0.02 R
Rsd 0.2s 11ph/9stn Dmin 90km Az.gap 288°
Corr. 0.040 11M/9stn Msd 0.1

95/3067
FEB 09 1314 30.3s 38.00S 179.27E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.2s 14ph/12stn Dmin 89km Az.gap 284°
Corr. 0.111 2M/2stn Msd 0.0 1↓

95/3068
FEB 09 1314 49.8s 37.98S 179.29E 12km M=4.1
0.3 0.01 0.02 R
Rsd 0.1s 12ph/8stn Dmin 91km Az.gap 285°
Corr. 0.122 12M/9stn Msd 0.2

95/3072
FEB 09 1327 37.6s 37.85S 179.26E 12km M=4.1
0.4 0.02 0.02 R
Rsd 0.2s 18ph/14stn Dmin 89km Az.gap 285°
Corr. 0.258 8M/4stn Msd 0.2 1↓

95/3073
FEB 09 1328 52.5s 37.92S 179.31E 12km M=4.9
0.3 0.01 0.02 R
Rsd 0.2s 35ph/33stn Dmin 94km Az.gap 284°
Corr. 0.336 35M/18stn Msd 0.2 4↑ 1↓

95/3075
FEB 09 1336 52.3s 37.98S 179.22E 12km M=3.8
0.5 0.02 0.03 R
Rsd 0.3s 19ph/18stn Dmin 85km Az.gap 282°
Corr. 0.284 20M/18stn Msd 0.2 1↑

95/3077
FEB 09 1347 37.5s 37.89S 179.28E 12km M=4.0
0.5 0.02 0.04 R
Rsd 0.3s 16ph/15stn Dmin 92km Az.gap 290°
Corr. 0.444 19M/15stn Msd 0.2 1↑ 1↓

95/3078
FEB 09 1349 33.0s 37.50S 179.48E 12km M=3.9
0.4 0.03 0.03 R
Rsd 0.2s 16ph/15stn Dmin 105km Az.gap 313°
Corr. 0.157 15M/13stn Msd 0.2 1↓

95/3079
FEB 09 1351 00.6s 37.76S 179.14E 12km M=3.9
0.9 0.03 0.06 R
Rsd 0.4s 6ph/5stn Dmin 76km Az.gap 291°
Corr. -0.076 6M/5stn Msd 0.1

95/3080
FEB 09 1356 47.3s 37.59S 179.27E 12km M=4.1
0.5 0.03 0.03 R
Rsd 0.2s 15ph/12stn Dmin 86km Az.gap 289°
Corr. -0.308 19M/14stn Msd 0.3 1↑ 1↓

95/3086
FEB 09 1411 28.7s 38.00S 179.25E 12km M=3.6
0.5 0.02 0.03 R
Rsd 0.3s 13ph/11stn Dmin 87km Az.gap 284°
Corr. 0.327 9M/9stn Msd 0.2 1↑

95/3087
FEB 09 1414 47.9s 37.96S 179.31E 12km M=4.3
0.4 0.02 0.03 R
Rsd 0.3s 29ph/27stn Dmin 94km Az.gap 286°
Corr. 0.311 11M/6stn Msd 0.1 2↑ 3↓

95/3088
FEB 09 1417 31.3s 37.48S 179.44E 12km M=4.3
0.2 0.01 0.01 R
Rsd 0.1s 31ph/27stn Dmin 102km Az.gap 286°
Corr. -0.065 17M/10stn Msd 0.2 1↑

95/3089
FEB 09 1426 07.5s 37.94S 179.27E 12km M=4.8
0.3 0.02 0.02 R
Rsd 0.2s 37ph/34stn Dmin 91km Az.gap 284°
Corr. 0.211 33M/17stn Msd 0.2 1↓

95/3090
FEB 09 1427 17.1s 38.03S 179.47E 12km M=3.5
1.2 0.05 0.06 R
Rsd 0.4s 7ph/5stn Dmin 106km Az.gap 293°
Corr. 0.059 3M/3stn Msd 0.4

95/3091
FEB 09 1430 29.9s 37.90S 179.25E 12km M=3.6
0.4 0.02 0.02 R
Rsd 0.2s 9ph/7stn Dmin 89km Az.gap 296°
Corr. 0.091 7M/5stn Msd 0.4

95/3094
FEB 09 1435 01.1s 37.98S 179.19E 12km M=3.6
0.4 0.03 0.02 R
Rsd 0.2s 10ph/8stn Dmin 83km Az.gap 285°
Corr. 0.206 13M/11stn Msd 0.4

95/3099
FEB 09 1454 40.9s 37.94S 179.25E 12km M=4.2
0.4 0.02 0.02 R
Rsd 0.3s 26ph/23stn Dmin 89km Az.gap 285°
Corr. 0.297 18M/10stn Msd 0.1 1↓

95/3100
FEB 09 1456 48.4s 37.80S 179.26E 12km M=4.0
0.6 0.03 0.03 R
Rsd 0.2s 13ph/11stn Dmin 88km Az.gap 285°
Corr. -0.403 16M/13stn Msd 0.2

95/3101
FEB 09 1458 00.6s 37.96S 179.26E 12km M=3.8
0.7 0.04 0.04 R
Rsd 0.3s 11ph/9stn Dmin 89km Az.gap 285°
Corr. -0.082 9M/8stn Msd 0.2

95/3103
FEB 09 1505 03.0s 37.34S 179.34E 12km M=3.8
0.2 0.01 0.02 R
Rsd 0.1s 14ph/12stn Dmin 97km Az.gap 283°
Corr. -0.541 11M/11stn Msd 0.2

95/3105
FEB 09 1511 02.7s 37.96S 179.21E 12km M=3.6
0.4 0.02 0.02 R
Rsd 0.2s 15ph/13stn Dmin 85km Az.gap 284°
Corr. 0.283 14M/14stn Msd 0.2

95/3106
FEB 09 1511 35.7s 38.01S 179.23E 12km M=3.7
0.6 0.02 0.03 R
Rsd 0.3s 11ph/8stn Dmin 86km Az.gap 281°
Corr. 0.037 7M/7stn Msd 0.2

95/3108
FEB 09 1516 37.2s 37.94S 179.28E 12km M=4.1
0.5 0.02 0.03 R
Rsd 0.3s 21ph/20stn Dmin 91km Az.gap 286°
Corr. 0.388 9M/5stn Msd 0.1

95/3111
FEB 09 1522 31.6s 37.31S 179.30E 12km M=3.6
2.7 0.13 0.17 R
Rsd 0.2s 4ph/4stn Dmin 94km Az.gap 322°
Corr. 0.903 4M/4stn Msd 0.3

95/3113
FEB 09 1535 12.0s 37.99S 179.23E 12km M=3.9
0.6 0.03 0.04 R
Rsd 0.3s 12ph/11stn Dmin 86km Az.gap 284°
Corr. 0.420 18M/13stn Msd 0.3

95/3115
FEB 09 1543 02.2s 37.54S 179.40E 12km M=4.5
0.3 0.02 0.02 R
Rsd 0.2s 35ph/32stn Dmin 97km Az.gap 286°
Corr. 0.096 26M/15stn Msd 0.2 1↓

95/3116
FEB 09 1553 14.4s 37.42S 179.32E 12km M=3.7
0.5 0.03 0.04 R
Rsd 0.2s 18ph/15stn Dmin 93km Az.gap 317°
Corr. -0.382 12M/10stn Msd 0.4 1↑ 3↓

95/3117
FEB 09 1557 12.2s 38.02S 179.17E 12km M=3.7
0.4 0.02 0.02 R
Rsd 0.3s 17ph/15stn Dmin 80km Az.gap 279°
Corr. 0.253 14M/12stn Msd 0.2 1↑

95/3118
FEB 09 1558 53.3s 37.96S 179.22E 12km M=3.6
0.3 0.02 0.02 R
Rsd 0.2s 10ph/8stn Dmin 86km Az.gap 284°
Corr. 0.133 9M/7stn Msd 0.2 1↓

95/3119
FEB 09 1603 01.5s 37.94S 179.25E 12km M=3.7
0.5 0.03 0.03 R
Rsd 0.3s 11ph/9stn Dmin 88km Az.gap 286°
Corr. 0.261 9M/7stn Msd 0.1

95/3121
FEB 09 1603 44.4s 37.82S 179.24E 12km M=4.1
0.4 0.03 0.03 R
Rsd 0.3s 13ph/11stn Dmin 86km Az.gap 292°
Corr. -0.193 18M/12stn Msd 0.2

95/3122
FEB 09 1604 18.1s 37.89S 179.31E 12km M=3.7
1.6 0.07 0.09 R
Rsd 0.7s 9ph/7stn Dmin 95km Az.gap 294°
Corr. -0.109 8M/6stn Msd 0.2

95/3123
FEB 09 1604 35.4s 37.86S 179.36E 12km M=3.6
1.0 0.04 0.05 R
Rsd 0.4s 8ph/5stn Dmin 98km Az.gap 297°
Corr. -0.154 6M/4stn Msd 0.1

95/3124
FEB 09 1605 29.7s 38.03S 179.27E 12km M=3.6
0.7 0.03 0.04 R
Rsd 0.3s 11ph/7stn Dmin 89km Az.gap 282°
Corr. -0.053 6M/5stn Msd 0.2 1↓

95/3128
FEB 09 1616 32.4s 39.03S 175.24E 116km M=3.5
0.3 0.02 0.04 3
Rsd 0.2s 11ph/7stn Dmin 14km Az.gap 131°
Corr. 0.819 2M/2stn Msd 0.2 1↓

95/3129
FEB 09 1619 11.6s 37.96S 179.23E 12km M=3.5
0.6 0.03 0.03 R
Rsd 0.3s 9ph/8stn Dmin 86km Az.gap 284°
Corr. 0.230 11M/9stn Msd 0.2

95/3131
FEB 09 1622 17.6s 37.58S 179.59E 12km M=3.5
1.6 0.13 0.12 R
Rsd 0.5s 5ph/3stn Dmin 114km Az.gap 336°
Corr. -0.717 4M/3stn Msd 0.2

95/3138
FEB 09 1637 56.1s 37.40S 179.36E 12km M=3.8
0.2 0.02 0.02 R
Rsd 0.2s 16ph/14stn Dmin 96km Az.gap 285°
Corr. -0.553 13M/11stn Msd 0.3

95/3139
FEB 09 1638 27.0s 37.96S 179.36E 12km M=5.1
0.2 0.02 0.01 R
Rsd 0.2s 32ph/30stn Dmin 97km Az.gap 284°
Corr. 0.093 32M/18stn Msd 0.2

95/3140
FEB 09 1639 29.5s 37.89S 179.22E 12km M=3.9
0.4 0.02 0.02 R
Rsd 0.2s 5ph/3stn Dmin 87km Az.gap 301°
Corr. -0.282 5M/3stn Msd 0.2

95/3141
FEB 09 1645 00.7s 37.83S 179.37E 12km M=3.8
0.3 0.02 0.02 R
Rsd 0.2s 23ph/21stn Dmin 98km Az.gap 286°
Corr. 0.055 23M/19stn Msd 0.2 1↓

95/3142
FEB 09 1700 35.3s 38.01S 179.20E 12km M=3.6
0.4 0.02 0.02 R
Rsd 0.3s 10ph/8stn Dmin 83km Az.gap 280°
Corr. 0.202 12M/12stn Msd 0.2 1↓

95/3145
FEB 09 1711 18.3s 37.98S 179.23E 12km M=3.8
0.3 0.02 0.02 R
Rsd 0.2s 17ph/15stn Dmin 86km Az.gap 283°
Corr. 0.299 20M/17stn Msd 0.2 1↓

95/3148
FEB 09 1716 37.8s 47.54S 165.75E 33km M=3.6
0.7 0.04 0.05 R
Rsd 0.2s 16ph/14stn Dmin 195km Az.gap 320°
Corr. 0.316 15M/15stn Msd 0.2 1↓

95/3149
FEB 09 1717 32.2s 37.79S 179.34E 12km M=4.4
0.4 0.03 0.03 R
Rsd 0.3s 21ph/19stn Dmin 94km Az.gap 286°
Corr. 0.028 11M/6stn Msd 0.4 1↑ 2↓

95/3152
FEB 09 1724 29.3s 38.00S 179.21E 12km M=3.5
0.5 0.02 0.03 R
Rsd 0.3s 10ph/8stn Dmin 84km Az.gap 282°
Corr. 0.403 6M/6stn Msd 0.2 2↑ 1↓

95/3155
FEB 09 1735 37.0s 37.46S 179.59E 12km M=4.1
0.5 0.03 0.03 R
Rsd 0.2s 10ph/8stn Dmin 115km Az.gap 289°
Corr. -0.241 11M/8stn Msd 0.4

95/3156
FEB 09 1737 24.6s 38.00S 179.22E 12km M=3.5
1.3 0.05 0.08 R
Rsd 0.7s 7ph/5stn Dmin 85km Az.gap 294°
Corr. 0.202 6M/4stn Msd 0.1

95/3157
FEB 09 1737 34.9s 38.13S 179.16E 12km M=3.7
0.9 0.04 0.06 R
Rsd 0.7s 10ph/8stn Dmin 79km Az.gap 275°
Corr. 0.325 6M/6stn Msd 0.1 1↑

95/3159
FEB 09 1739 00.7s 38.11S 179.16E 12km M=3.6
0.4 0.02 0.03 R
Rsd 0.3s 10ph/8stn Dmin 80km Az.gap 277°
Corr. 0.411 8M/8stn Msd 0.2 1↑

95/3160
FEB 09 1752 34.6s 37.67S 179.42E 12km M=4.2
0.3 0.02 0.02 R
Rsd 0.2s 18ph/17stn Dmin 99km Az.gap 287°
Corr. 0.326 27M/23stn Msd 0.2 1↓

95/3161
FEB 09 1753 23.2s 37.92S 179.22E 12km M=3.6
0.2 0.01 0.01 R
Rsd 0.1s 7ph/5stn Dmin 86km Az.gap 286°
Corr. 0.229 9M/9stn Msd 0.2

95/3162
FEB 09 1755 27.5s 37.98S 179.23E 12km M=3.8
0.3 0.01 0.02 R
Rsd 0.2s 13ph/12stn Dmin 86km Az.gap 284°
Corr. 0.469 7M/7stn Msd 0.2

95/3164
FEB 09 1801 49.9s 38.01S 179.20E 12km M=4.1
0.3 0.02 0.02 R
Rsd 0.2s 17ph/15stn Dmin 83km Az.gap 280°
Corr. 0.186 8M/4stn Msd 0.1 1↑ 1↓

95/3167
FEB 09 1810 22.1s 37.92S 179.25E 12km M=3.5
0.1 0.01 0.01 R
Rsd 0.1s 10ph/7stn Dmin 89km Az.gap 289°
Corr. 0.032 9M/9stn Msd 0.1 1↑ 1↓

95/3168
FEB 09 1816 43.5s 37.97S 179.25E 12km M=4.5
0.4 0.02 0.03 R
Rsd 0.3s 27ph/24stn Dmin 88km Az.gap 284°
Corr. 0.302 19M/10stn Msd 0.1 2↑ 3↓

95/3169
FEB 09 1819 10.4s 37.97S 179.21E 12km M=3.8
0.4 0.02 0.02 R
Rsd 0.2s 5ph/3stn Dmin 85km Az.gap 298°
Corr. -0.362 4M/2stn Msd 0.7

95/3171
FEB 09 1828 43.1s 37.95S 179.25E 12km M=4.2
0.3 0.02 0.02 R
Rsd 0.2s 15ph/14stn Dmin 88km Az.gap 285°
Corr. 0.293 8M/5stn Msd 0.1

95/3172
FEB 09 1831 06.8s 37.43S 179.47E 12km M=3.6
0.3 0.02 0.02 R
Rsd 0.1s 11ph/9stn Dmin 105km Az.gap 321°
Corr. -0.042 7M/7stn Msd 0.3

95/3174
FEB 09 1840 26.1s 37.97S 179.23E 12km M=4.3
0.2 0.01 0.01 R
Rsd 0.2s 20ph/18stn Dmin 86km Az.gap 282°
Corr. 0.162 15M/8stn Msd 0.2 1↑ 3↓

95/3176
FEB 09 1904 59.3s 37.97S 179.23E 12km M=3.7
0.3 0.01 0.02 R
Rsd 0.2s 12ph/10stn Dmin 86km Az.gap 281°
Corr. 0.212 22M/22stn Msd 0.2 1↑ 2↓

95/3177
FEB 09 1906 16.5s 37.46S 179.41E 12km M=3.5
0.6 0.04 0.04 R
Rsd 0.3s 7ph/4stn Dmin 99km Az.gap 322°
Corr. -0.136 9M/9stn Msd 0.3 1↑

95/3178
FEB 09 1907 19.4s 37.98S 179.24E 12km M=3.7
0.3 0.02 0.02 R
Rsd 0.2s 6ph/4stn Dmin 87km Az.gap 283°
Corr. 0.283 6M/4stn Msd 0.5 1↑ 1↓

95/3179
FEB 09 1913 03.3s 39.63S 175.73E 71km M=3.7
0.2 0.01 0.02 5
Rsd 0.3s 34ph/32stn Dmin 40km Az.gap 52°
Corr. -0.331 22M/20stn Msd 0.2 6↑ 9↓

95/3180
FEB 09 1914 13.1s 37.90S 179.26E 12km M=4.2
0.1 0.01 0.01 R
Rsd 0.1s 14ph/11stn Dmin 90km Az.gap 288°
Corr. 0.309 19M/15stn Msd 0.3 1↑ 1↓

95/3181
FEB 09 1916 52.9s 37.94S 179.25E 12km M=4.2
0.3 0.02 0.02 R
Rsd 0.2s 12ph/10stn Dmin 88km Az.gap 285°
Corr. 0.056 10M/5stn Msd 0.1 1↑ 1↓

95/3182
FEB 09 1918 30.2s 37.89S 179.30E 12km M=4.7
0.5 0.03 0.03 R
Rsd 0.3s 20ph/18stn Dmin 94km Az.gap 283°
Corr. -0.048 19M/10stn Msd 0.2 6↑ 3↓

95/3183
FEB 09 1920 42.9s 37.92S 179.23E 12km M=3.9
1.2 0.06 0.07 R
Rsd 0.8s 10ph/8stn Dmin 87km Az.gap 289°
Corr. 0.000 5M/5stn Msd 0.1 1↑

95/3184
FEB 09 1924 09.8s 37.94S 179.26E 12km M=4.5
0.3 0.02 0.02 R
Rsd 0.2s 22ph/20stn Dmin 90km Az.gap 283°
Corr. 0.092 25M/13stn Msd 0.2 2↑ 1↓

95/3185
FEB 09 1927 48.0s 37.98S 179.22E 12km M=3.9
0.4 0.02 0.02 R
Rsd 0.2s 11ph/8stn Dmin 85km Az.gap 286°
Corr. 0.129 12M/9stn Msd 0.3 2↑ 1↓

95/3188
FEB 09 1935 28.2s 37.70S 179.67E 12km M=3.7
1.4 0.08 0.08 R
Rsd 0.7s 8ph/6stn Dmin 121km Az.gap 308°
Corr. -0.174 11M/9stn Msd 0.3 1↓

95/3190
FEB 09 1936 53.5s 38.01S 179.22E 12km M=3.6
0.9 0.04 0.05 R
Rsd 0.5s 10ph/8stn Dmin 85km Az.gap 282°
Corr. 0.134 10M/8stn Msd 0.2 1↓

95/3193
FEB 09 1950 01.4s 38.00S 179.29E 12km M=3.6
1.0 0.04 0.06 R
Rsd 0.6s 9ph/7stn Dmin 91km Az.gap 288°
Corr. 0.207 8M/7stn Msd 0.2

95/3195
FEB 09 1958 43.4s 37.94S 179.36E 12km M=3.6
1.3 0.05 0.08 R
Rsd 0.6s 9ph/8stn Dmin 98km Az.gap 293°
Corr. 0.333 10M/8stn Msd 0.3 1↓

95/3197
FEB 09 2001 31.7s 37.93S 179.31E 12km M=3.6
0.7 0.05 0.04 R
Rsd 0.4s 9ph/7stn Dmin 94km Az.gap 294°
Corr. 0.131 8M/7stn Msd 0.3

95/3198
FEB 09 2002 58.7s 37.90S 179.23E 12km M=3.8
0.3 0.01 0.02 R
Rsd 0.1s 5ph/3stn Dmin 88km Az.gap 300°
Corr. 0.040 5M/3stn Msd 0.4

95/3200
FEB 09 2012 33.0s 37.99S 179.28E 12km M=3.6
0.5 0.02 0.03 R
Rsd 0.2s 11ph/10stn Dmin 90km Az.gap 286°
Corr. 0.393 13M/11stn Msd 0.2 1↑ 1↓

95/3201
FEB 09 2012 59.9s 37.98S 179.26E 12km M=3.6
0.4 0.02 0.03 R
Rsd 0.2s 11ph/10stn Dmin 89km Az.gap 285°
Corr. 0.316 9M/7stn Msd 0.1

95/3202
FEB 09 2036 49.2s 37.87S 179.43E 12km M=3.7
1.0 0.05 0.06 R
Rsd 0.5s 8ph/7stn Dmin 104km Az.gap 295°
Corr. 0.376 7M/5stn Msd 0.5

95/3203
FEB 09 2039 32.9s 37.48S 179.45E 12km M=3.6
0.2 0.01 0.01 R
Rsd 0.1s 10ph/9stn Dmin 102km Az.gap 319°
Corr. 0.026 11M/10stn Msd 0.2 1↑

95/3205
FEB 09 2050 29.9s 37.70S 179.47E 12km M=3.8
0.4 0.02 0.03 R
Rsd 0.2s 15ph/14stn Dmin 104km Az.gap 301°
Corr. 0.028 17M/15stn Msd 0.3 1↓

95/3206
FEB 09 2051 13.4s 37.95S 179.26E 12km M=4.7
0.6 0.02 0.04 R
Rsd 0.3s 27ph/25stn Dmin 89km Az.gap 283°
Corr. 0.435 22M/12stn Msd 0.2 1↓

95/3207
FEB 09 2054 15.2s 37.96S 179.26E 12km M=4.3
0.4 0.02 0.03 R
Rsd 0.2s 17ph/16stn Dmin 89km Az.gap 283°
Corr. 0.159 12M/7stn Msd 0.1 1↓

95/3208
FEB 09 2107 53.2s 38.01S 179.19E 12km M=3.5
0.3 0.01 0.02 R
Rsd 0.2s 13ph/12stn Dmin 82km Az.gap 278°
Corr. 0.293 16M/16stn Msd 0.1

95/3210
FEB 09 2113 20.0s 37.58S 179.30E 12km M=3.9
1.2 0.05 0.08 R
Rsd 0.4s 9ph/8stn Dmin 88km Az.gap 311°
Corr. -0.069 5M/4stn Msd 0.3

95/3211
FEB 09 2116 14.6s 37.85S 179.40E 12km M=4.0
0.7 0.03 0.04 R
Rsd 0.2s 14ph/13stn Dmin 101km Az.gap 290°
Corr. 0.330 15M/13stn Msd 0.7

95/3212
FEB 09 2124 60.0s 37.90S 179.29E 12km M=3.7
0.3 0.01 0.02 R
Rsd 0.1s 12ph/11stn Dmin 93km Az.gap 290°
Corr. 0.320 13M/13stn Msd 0.2

95/3213
FEB 09 2131 17.2s 37.73S 179.40E 12km M=3.6
1.0 0.06 0.05 R
Rsd 0.5s 7ph/5stn Dmin 98km Az.gap 306°
Corr. -0.268 9M/8stn Msd 0.3

95/3214
FEB 09 2132 46.1s 37.88S 179.30E 12km M=4.0
0.4 0.02 0.02 R
Rsd 0.3s 14ph/12stn Dmin 93km Az.gap 283°
Corr. 0.072 31M/27stn Msd 0.2 1↓

95/3215
FEB 09 2137 37.6s 37.42S 179.36E 12km M=4.3
0.3 0.02 0.02 R
Rsd 0.1s 15ph/13stn Dmin 96km Az.gap 284°
Corr. -0.374 11M/7stn Msd 0.2 1↓

95/3218
FEB 09 2148 04.2s 38.30S 176.14E 166km M=4.3
0.5 0.02 0.01 4
Rsd 0.2s 34ph/29stn Dmin 5km Az.gap 95°
Corr. -0.101 26M/22stn Msd 0.3 11↑ 1↓

95/3220
FEB 09 2214 20.3s 37.43S 179.24E 12km M=3.6
0.6 0.03 0.04 R
Rsd 0.3s 13ph/11stn Dmin 85km Az.gap 288°
Corr. 0.152 12M/12stn Msd 0.2 1↑ 2↓

95/3221
FEB 09 2227 24.8s 37.77S 179.55E 12km M=3.6
1.1 0.07 0.06 R
Rsd 0.7s 5ph/3stn Dmin 112km Az.gap 307°
Corr. 0.035 2M/2stn Msd 0.3 1↑

95/3222
FEB 09 2233 49.0s 37.47S 179.46E 12km M=4.4
0.3 0.02 0.02 R
Rsd 0.2s 18ph/16stn Dmin 104km Az.gap 286°
Corr. -0.056 11M/6stn Msd 0.2 1↑

95/3223
FEB 09 2240 36.4s 37.90S 179.28E 12km M=4.0
0.2 0.02 0.01 R
Rsd 0.1s 15ph/13stn Dmin 92km Az.gap 284°
Corr. 0.088 35M/30stn Msd 0.2 1↑ 1↓

95/3224
FEB 09 2241 46.7s 37.51S 179.50E 12km M=3.5
0.6 0.04 0.03 R
Rsd 0.3s 11ph/9stn Dmin 106km Az.gap 288°
Corr. 0.159 4M/4stn Msd 0.2

95/3225
FEB 09 2249 45.2s 37.91S 179.32E 12km M=4.9
0.3 0.02 0.02 R
Rsd 0.3s 29ph/26stn Dmin 95km Az.gap 283°
Corr. 0.268 23M/12stn Msd 0.2 8↑ 1↓

95/3226
FEB 09 2250 59.9s 37.99S 179.35E 12km M=3.8
0.2 0.01 0.01 R
Rsd 0.1s 15ph/13stn Dmin 96km Az.gap 287°
Corr. 0.294 3M/3stn Msd 0.3 1↑

95/3227
FEB 09 2251 35.4s 38.02S 179.22E 12km M=4.0
0.4 0.03 0.02 R
Rsd 0.2s 16ph/14stn Dmin 85km Az.gap 282°
Corr. 0.339 21M/19stn Msd 0.4 1↓

95/3229
FEB 09 2252 43.9s 37.77S 179.07E 12km M=3.5
0.6 0.03 0.03 R
Rsd 0.4s 9ph/7stn Dmin 70km Az.gap 288°
Corr. 0.171 14M/13stn Msd 0.2

95/3230
FEB 09 2255 12.8s 37.96S 179.26E 12km M=3.9
0.3 0.01 0.02 R
Rsd 0.1s 16ph/14stn Dmin 89km Az.gap 285°
Corr. 0.367 22M/18stn Msd 0.2

95/3231
FEB 09 2308 31.1s 37.97S 179.29E 12km M=3.9
0.3 0.01 0.02 R
Rsd 0.1s 13ph/12stn Dmin 92km Az.gap 283°
Corr. 0.319 33M/29stn Msd 0.2

95/3232
FEB 09 2311 42.8s 37.77S 179.31E 12km M=3.8
0.2 0.01 0.01 R
Rsd 0.1s 13ph/11stn Dmin 91km Az.gap 295°
Corr. -0.101 16M/13stn Msd 0.2 1↑

95/3233
FEB 09 2314 15.6s 38.02S 179.19E 12km M=4.4
0.3 0.02 0.01 R
Rsd 0.1s 19ph/15stn Dmin 82km Az.gap 277°
Corr. 0.196 13M/7stn Msd 0.2 1↓

95/3234
FEB 09 2318 04.9s 37.99S 179.27E 12km M=3.5
0.6 0.03 0.04 R
Rsd 0.4s 10ph/8stn Dmin 89km Az.gap 287°
Corr. 0.249 8M/6stn Msd 0.4 1↓

95/3241
FEB 09 2332 32.1s 37.90S 179.26E 12km M=4.6
0.2 0.01 0.01 R
Rsd 0.1s 30ph/27stn Dmin 90km Az.gap 282°
Corr. 0.119 22M/12stn Msd 0.3 1↑ 1↓

95/3242
FEB 09 2336 36.7s 37.80S 179.50E 12km M=3.5
0.5 0.04 0.03 R
Rsd 0.3s 13ph/11stn Dmin 108km Az.gap 299°
Corr. -0.410 11M/11stn Msd 0.3 1↓

95/3243
FEB 09 2337 48.6s 37.43S 179.48E 12km M=4.6
0.4 0.02 0.03 R
Rsd 0.2s 21ph/18stn Dmin 106km Az.gap 287°
Corr. -0.094 18M/11stn Msd 0.2 1↓

95/3244
FEB 09 2338 23.8s 37.56S 179.58E 12km M=4.7
0.4 0.03 0.02 R
Rsd 0.2s 11ph/8stn Dmin 113km Az.gap 288°
Corr. -0.486 13M/8stn Msd 0.1

95/3245
FEB 09 2343 50.5s 37.99S 179.22E 12km M=4.2
0.2 0.01 0.01 R
Rsd 0.1s 16ph/14stn Dmin 85km Az.gap 280°
Corr. 0.142 12M/6stn Msd 0.1 1↑ 1↓

95/3246
FEB 09 2348 39.1s 37.39S 179.34E 12km M=4.0
0.3 0.02 0.02 R
Rsd 0.1s 12ph/10stn Dmin 94km Az.gap 284°
Corr. -0.448 21M/17stn Msd 0.2 1↑

95/3247
FEB 09 2350 43.2s 37.87S 179.35E 12km M=3.7
0.4 0.02 0.02 R
Rsd 0.2s 11ph/9stn Dmin 97km Az.gap 286°
Corr. 0.168 16M/15stn Msd 0.2

95/3248
FEB 09 2353 52.3s 38.00S 179.26E 12km M=4.2
0.3 0.02 0.02 R
Rsd 0.2s 17ph/15stn Dmin 89km Az.gap 281°
Corr. 0.168 9M/5stn Msd 0.1 1↑ 1↓

95/3249
FEB 09 2357 39.1s 37.86S 179.33E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.2s 14ph/12stn Dmin 95km Az.gap 288°
Corr. 0.079 33M/29stn Msd 0.2 1↑ 1↓

95/3250
FEB 09 2358 24.8s 38.11S 179.19E 12km M=3.5
0.9 0.04 0.05 R
Rsd 0.4s 9ph/7stn Dmin 82km Az.gap 281°
Corr. 0.086 14M/13stn Msd 0.2

95/3255
FEB 10 0019 32.1s 38.06S 179.24E 12km M=3.6
1.1 0.05 0.06 R
Rsd 0.7s 10ph/8stn Dmin 87km Az.gap 282°
Corr. 0.156 10M/8stn Msd 0.3 1↑

95/3257
FEB 10 0027 14.4s 37.97S 179.25E 12km M=3.6
0.4 0.02 0.02 R
Rsd 0.2s 10ph/8stn Dmin 88km Az.gap 285°
Corr. 0.219 10M/8stn Msd 0.3 1↓

95/3258
FEB 10 0029 08.3s 37.28S 179.38E 12km M=3.6
0.3 0.03 0.03 R
Rsd 0.1s 10ph/7stn Dmin 102km Az.gap 288°
Corr. -0.609 8M/6stn Msd 0.2

95/3259
FEB 10 0029 52.3s 37.50S 179.42E 12km M=3.7
0.9 0.05 0.06 R
Rsd 0.4s 7ph/5stn Dmin 100km Az.gap 295°
Corr. -0.538 7M/5stn Msd 0.2

95/3261
FEB 10 0031 45.5s 37.47S 179.43E 12km M=4.3
0.2 0.01 0.01 R
Rsd 0.1s 32ph/30stn Dmin 101km Az.gap 293°
Corr. 0.039 20M/11stn Msd 0.2 1↑ 2↓

95/3262
FEB 10 0041 23.5s 37.54S 179.51E 12km M=4.3
0.3 0.02 0.02 R
Rsd 0.1s 22ph/21stn Dmin 107km Az.gap 287°
Corr. 0.207 9M/6stn Msd 0.3 1↑

95/3264
FEB 10 004 45.2s 37.55S 179.36E 12km M=3.7
0.3 0.02 0.02 R
Rsd 0.1s 13ph/12stn Dmin 93km Az.gap 308°
Corr. 0.468 13M/11stn Msd 0.5

95/3266
FEB 10 0106 43.7s 37.96S 179.31E 12km M=5.2
0.3 0.02 0.02 R
Rsd 0.2s 37ph/34stn Dmin 93km Az.gap 283°
Corr. 0.314 48M/25stn Msd 0.3 1↑ 3↓

95/3267
FEB 10 0108 47.7s 37.92S 179.10E 12km M=4.7
0.5 0.04 0.03 R
Rsd 0.2s 14ph/12stn Dmin 76km Az.gap 281°
Corr. -0.398 16M/9stn Msd 0.2 1↓

95/3268
FEB 10 0109 59.1s 37.91S 179.29E 12km M=4.0
0.4 0.02 0.02 R
Rsd 0.2s 14ph/12stn Dmin 92km Az.gap 292°
Corr. -0.014 34M/28stn Msd 0.2 1↑

95/3270
FEB 10 0113 24.6s 37.66S 179.39E 12km M=4.1
0.2 0.01 0.01 R
Rsd 0.1s 14ph/12stn Dmin 96km Az.gap 290°
Corr. -0.289 29M/22stn Msd 0.3

95/3272
FEB 10 0115 60.0s 37.66S 179.42E 12km M=3.9
0.5 0.03 0.03 R
Rsd 0.3s 9ph/7stn Dmin 99km Az.gap 292°
Corr. -0.307 11M/9stn Msd 0.4 1↑

95/3274
FEB 10 0122 22.3s 37.98S 179.20E 12km M=3.7
0.4 0.02 0.03 R
Rsd 0.2s 10ph/9stn Dmin 84km Az.gap 283°
Corr. 0.284 11M/9stn Msd 0.3 1↓

95/3276
FEB 10 0125 39.5s 44.94S 167.56E 119km M=3.8
0.4 0.02 0.03 4
Rsd 0.2s 21ph/17stn Dmin 41km Az.gap 236°
Corr. -0.126 23M/18stn Msd 0.3 2↑ 3↓

95/3278
FEB 10 0138 36.2s 37.95S 179.26E 12km M=4.0
0.3 0.01 0.02 R
Rsd 0.1s 14ph/13stn Dmin 89km Az.gap 284°
Corr. 0.245 31M/26stn Msd 0.2 1↓

95/3280
FEB 10 0141 41.7s 37.47S 179.42E 12km M=3.6
1.2 0.08 0.08 R
Rsd 0.5s 8ph/7stn Dmin 100km Az.gap 321°
Corr. -0.186 6M/6stn Msd 0.2

95/3281
FEB 10 0142 48.6s 37.47S 179.47E 12km M=3.7
0.7 0.04 0.04 R
Rsd 0.3s 6ph/5stn Dmin 104km Az.gap 322°
Corr. -0.045 6M/6stn Msd 0.3

95/3282
FEB 10 0144 56.3s 37.92S 179.51E 12km M=6.5
0.5 0.02 0.04 R
Rsd 0.3s 42ph/39stn Dmin 112km Az.gap 285°
Corr. 0.270 58M/30stn Msd 0.4 3↑ 15↓
Felt Auckland (16) to Chatham Island (159), max. intensity MM4.

95/3283
FEB 10 0152 19.6s 38.11S 179.17E 12km M=4.2
0.4 0.02 0.02 R
Rsd 0.1s 14ph/13stn Dmin 80km Az.gap 272°
Corr. 0.352 32M/32stn Msd 0.2

95/3284
FEB 10 0153 50.4s 38.18S 179.16E 12km M=4.3
0.5 0.02 0.03 R
Rsd 0.2s 12ph/11stn Dmin 80km Az.gap 272°
Corr. 0.284 4M/2stn Msd 0.1

95/3285
FEB 10 0154 27.2s 38.07S 179.24E 12km M=4.2
1.0 0.04 0.06 R
Rsd 0.5s 10ph/9stn Dmin 87km Az.gap 279°
Corr. 0.254 12M/10stn Msd 0.2

95/3286
FEB 10 0155 21.2s 38.08S 179.15E 12km M=5.2
0.5 0.02 0.04 R
Rsd 0.3s 24ph/22stn Dmin 78km Az.gap 272°
Corr. 0.190 23M/13stn Msd 0.2 1↑ 2↓
Felt Rukuhanga Stn (29).

95/3287
FEB 10 0156 38.2s 37.84S 179.12E 12km M=4.4
1.0 0.05 0.06 R
Rsd 0.4s 5ph/4stn Dmin 77km Az.gap 297°
Corr. -0.163 5M/3stn Msd 0.3

95/3288
FEB 10 0157 16.5s 38.06S 179.14E 12km M=4.4
0.5 0.02 0.03 R
Rsd 0.3s 10ph/9stn Dmin 77km Az.gap 280°
Corr. 0.050 6M/4stn Msd 0.2

95/3289
FEB 10 0157 30.7s 38.11S 179.13E 12km M=5.0
0.5 0.03 0.03 R
Rsd 0.2s 15ph/14stn Dmin 76km Az.gap 273°
Corr. 0.276 11M/6stn Msd 0.2

95/3290
FEB 10 0158 37.2s 38.07S 179.26E 12km M=4.0
1.0 0.03 0.07 R
Rsd 0.2s 7ph/6stn Dmin 99km Az.gap 292°
Corr. 0.688 3M/3stn Msd 0.2

95/3291
FEB 10 0200 15.0s 38.11S 179.14E 12km M=4.2
0.5 0.02 0.03 R
Rsd 0.2s 13ph/12stn Dmin 77km Az.gap 273°
Corr. 0.056 15M/10stn Msd 0.3

95/3292
FEB 10 0200 48.8s 37.90S 179.26E 12km M=5.1
0.4 0.02 0.02 R
Rsd 0.2s 26ph/23stn Dmin 91km Az.gap 282°
Corr. 0.224 32M/17stn Msd 0.2

95/3293
FEB 10 0203 34.2s 38.03S 179.34E 12km M=4.0
0.7 0.02 0.05 R
Rsd 0.1s 10ph/8stn Dmin 103km Az.gap 282°
Corr. 0.733 15M/15stn Msd 0.2

95/3294
FEB 10 0205 59.9s 38.06S 179.18E 12km M=3.6
0.9 0.03 0.05 R
Rsd 0.4s 7ph/6stn Dmin 81km Az.gap 295°
Corr. -0.045 7M/6stn Msd 0.2

95/3295
FEB 10 0207 05.8s 38.06S 179.14E 12km M=4.0
0.2 0.01 0.01 R
Rsd 0.1s 5ph/3stn Dmin 78km Az.gap 293°
Corr. -0.305 3M/3stn Msd 0.1

95/3296
FEB 10 0208 10.3s 37.91S 179.16E 12km M=3.7
0.6 0.02 0.04 R
Rsd 0.2s 4ph/3stn Dmin 81km Az.gap 297°
Corr. -0.029 3M/3stn Msd 0.3 1↓

95/3297
FEB 10 0208 52.1s 38.06S 179.09E 12km M=4.0
1.8 0.07 0.10 R
Rsd 0.8s 4ph/3stn Dmin 73km Az.gap 290°
Corr. -0.156 3M/3stn Msd 0.1

95/3298
FEB 10 0209 11.0s 38.10S 179.01E 12km M=4.1
1.3 0.05 0.07 R
Rsd 0.5s 4ph/3stn Dmin 66km Az.gap 285°
Corr. -0.332 4M/3stn Msd 0.2

95/3299
FEB 10 0210 10.0s 37.91S 179.31E 12km M=4.1
0.4 0.02 0.03 R
Rsd 0.2s 9ph/8stn Dmin 94km Az.gap 290°
Corr. 0.576 7M/6stn Msd 0.6

95/3300
FEB 10 0210 20.5s 38.14S 179.16E 12km M=4.1
0.6 0.02 0.04 R
Rsd 0.3s 8ph/7stn Dmin 79km Az.gap 275°
Corr. 0.471 10M/8stn Msd 0.2

95/3301
FEB 10 0210 43.2s 37.63S 179.04E 12km M=3.8
0.3 0.01 0.02 R
Rsd 0.1s 7ph/6stn Dmin 65km Az.gap 297°
Corr. 0.249 6M/4stn Msd 0.1

95/3302
FEB 10 0211 27.7s 38.00S 179.20E 12km M=4.0
1.1 0.06 0.06 R
Rsd 0.6s 8ph/5stn Dmin 83km Az.gap 297°
Corr. -0.023 5M/4stn Msd 0.2

95/3303
FEB 10 0212 04.0s 38.00S 179.19E 12km M=4.5
0.5 0.02 0.03 R
Rsd 0.3s 17ph/16stn Dmin 83km Az.gap 279°
Corr. 0.183 14M/7stn Msd 0.2

95/3304
FEB 10 0214 30.7s 38.06S 179.26E 12km M=5.4
0.5 0.02 0.03 R
Rsd 0.2s 37ph/34stn Dmin 88km Az.gap 278°
Corr. 0.357 43M/23stn Msd 0.2 1↑ 1↓

95/3305
FEB 10 0216 10.3s 37.60S 178.94E 12km M=3.6
0.3 0.01 0.02 R
Rsd 0.1s 6ph/4stn Dmin 57km Az.gap 298°
Corr. 0.289 4M/4stn Msd 0.1

95/3306
FEB 10 0216 22.3s 37.78S 179.22E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.1s 15ph/14stn Dmin 83km Az.gap 292°
Corr. -0.040 7M/5stn Msd 0.1

95/3307
FEB 10 0217 14.0s 38.01S 179.31E 12km M=4.2
0.4 0.02 0.03 R
Rsd 0.2s 8ph/7stn Dmin 93km Az.gap 296°
Corr. 0.362 5M/5stn Msd 0.3
Felt Rukuhanga Stn (29).

95/3308
FEB 10 0222 37.3s 38.15S 179.13E 12km M=3.8
0.5 0.03 0.02 R
Rsd 0.2s 14ph/11stn Dmin 77km Az.gap 268°
Corr. 0.614 17M/15stn Msd 0.4

95/3309
FEB 10 0223 28.1s 37.88S 179.31E 12km M=4.5
0.4 0.02 0.02 R
Rsd 0.2s 22ph/20stn Dmin 94km Az.gap 284°
Corr. -0.015 15M/8stn Msd 0.2

95/3311
FEB 10 0225 56.4s 38.03S 179.15E 12km M=4.5
0.5 0.03 0.03 R
Rsd 0.4s 16ph/14stn Dmin 79km Az.gap 276°
Corr. 0.111 26M/21stn Msd 0.3

95/3312
FEB 10 0227 07.3s 37.95S 179.22E 12km M=4.8
0.3 0.03 0.02 R
Rsd 0.2s 19ph/16stn Dmin 86km Az.gap 284°
Corr. 0.082 15M/8stn Msd 0.2

95/3313
FEB 10 0231 19.6s 37.94S 179.37E 12km M=3.6
0.2 0.01 0.01 R
Rsd 0.1s 16ph/13stn Dmin 99km Az.gap 291°
Corr. 0.393 13M/11stn Msd 0.2 1↓

95/3314
FEB 10 0232 14.1s 37.99S 179.21E 12km M=3.7
1.5 0.07 0.08 R
Rsd 0.6s 5ph/3stn Dmin 84km Az.gap 298°
Corr. -0.324 5M/3stn Msd 0.2

95/3315
FEB 10 0233 30.0s 37.93S 179.38E 12km M=4.0
0.3 0.01 0.02 R
Rsd 0.1s 16ph/15stn Dmin 100km Az.gap 288°
Corr. 0.334 19M/15stn Msd 0.2

95/3316
FEB 10 0238 10.0s 37.92S 179.25E 12km M=4.5
0.5 0.02 0.03 R
Rsd 0.3s 26ph/23stn Dmin 89km Az.gap 282°
Corr. 0.174 16M/9stn Msd 0.2 1↑ 2↓

95/3317
FEB 10 0239 23.8s 38.13S 179.15E 12km M=5.0
0.4 0.02 0.02 R
Rsd 0.3s 24ph/21stn Dmin 79km Az.gap 270°
Corr. 0.328 35M/19stn Msd 0.2 1↑

95/3318
FEB 10 0242 28.5s 38.02S 179.24E 12km M=4.6
0.4 0.02 0.03 R
Rsd 0.3s 29ph/26stn Dmin 86km Az.gap 279°
Corr. 0.326 24M/13stn Msd 0.1 1↓

95/3321
FEB 10 0246 57.5s 38.13S 179.13E 12km M=4.0
0.4 0.02 0.02 R
Rsd 0.3s 15ph/13stn Dmin 77km Az.gap 272°
Corr. 0.263 30M/25stn Msd 0.2

95/3322
FEB 10 0250 44.6s 38.05S 179.16E 12km M=3.8
0.2 0.01 0.01 R
Rsd 0.2s 14ph/11stn Dmin 79km Az.gap 277°
Corr. 0.243 18M/13stn Msd 0.3

95/3324
FEB 10 0255 52.4s 37.94S 179.25E 12km M=3.9
0.4 0.02 0.02 R
Rsd 0.2s 15ph/12stn Dmin 89km Az.gap 284°
Corr. 0.111 25M/21stn Msd 0.2

95/3326
FEB 10 0257 14.1s 37.84S 179.31E 12km M=4.5
0.3 0.02 0.02 R
Rsd 0.1s 19ph/17stn Dmin 93km Az.gap 283°
Corr. -0.123 12M/7stn Msd 0.3

95/3327
FEB 10 0258 37.3s 37.86S 179.23E 12km M=3.8
0.5 0.03 0.03 R
Rsd 0.3s 13ph/10stn Dmin 87km Az.gap 286°
Corr. -0.473 12M/10stn Msd 0.2

95/3330
FEB 10 0301 16.9s 38.15S 178.95E 12km M=3.8
1.1 0.02 0.07 R
Rsd 0.3s 6ph/4stn Dmin 83km Az.gap 266°
Corr. 0.437 3M/3stn Msd 0.3

95/3331
FEB 10 0303 11.6s 37.99S 179.30E 12km M=3.5
0.5 0.02 0.03 R
Rsd 0.2s 5ph/3stn Dmin 92km Az.gap 301°
Corr. -0.001 3M/3stn Msd 0.2 1↓

95/3332
FEB 10 0303 41.2s 37.96S 179.24E 12km M=3.7
0.4 0.02 0.02 R
Rsd 0.3s 10ph/8stn Dmin 87km Az.gap 284°
Corr. 0.346 7M/7stn Msd 0.2 2↑ 1↓

95/3333
FEB 10 0305 28.0s 37.93S 179.30E 12km M=4.0
0.2 0.02 0.01 R
Rsd 0.1s 16ph/14stn Dmin 93km Az.gap 285°
Corr. 0.313 12M/12stn Msd 0.2 1↓

95/3334
FEB 10 0305 47.8s 37.86S 179.30E 12km M=4.5
0.4 0.03 0.03 R
Rsd 0.2s 22ph/20stn Dmin 93km Az.gap 283°
Corr. -0.096 11M/6stn Msd 0.3 1↑

95/3335
FEB 10 0306 36.0s 37.93S 179.29E 12km M=4.3
0.3 0.02 0.01 R
Rsd 0.1s 15ph/13stn Dmin 92km Az.gap 286°
Corr. 0.380 14M/12stn Msd 0.2 1↓

95/3336
FEB 10 0307 38.3s 37.93S 179.29E 12km M=4.1
0.5 0.04 0.02 R
Rsd 0.2s 16ph/13stn Dmin 92km Az.gap 289°
Corr. 0.341 19M/17stn Msd 0.2 3↑ 2↓

95/3337
FEB 10 0308 09.5s 37.92S 179.23E 12km M=3.7
0.6 0.03 0.04 R
Rsd 0.3s 9ph/7stn Dmin 87km Az.gap 296°
Corr. 0.298 5M/5stn Msd 0.2

95/3338
FEB 10 0312 55.8s 38.07S 179.10E 12km M=3.6
0.5 0.02 0.03 R
Rsd 0.3s 5ph/3stn Dmin 74km Az.gap 290°
Corr. -0.047 4M/4stn Msd 0.2 1↑ 1↓

95/3339
FEB 10 0317 31.3s 38.04S 179.18E 12km M=3.8
0.4 0.02 0.02 R
Rsd 0.2s 13ph/11stn Dmin 81km Az.gap 279°
Corr. 0.516 16M/14stn Msd 0.2 2↑ 1↓

95/3342
FEB 10 0320 57.9s 38.15S 179.08E 12km M=3.5
0.5 0.02 0.03 R
Rsd 0.4s 7ph/5stn Dmin 73km Az.gap 280°
Corr. 0.204 5M/5stn Msd 0.3 1↑

95/3344
FEB 10 0323 17.4s 38.15S 179.09E 12km M=3.8
0.4 0.02 0.03 R
Rsd 0.3s 12ph/10stn Dmin 74km Az.gap 270°
Corr. 0.257 14M/13stn Msd 0.2 1↑ 3↓

95/3345
FEB 10 0326 51.7s 37.92S 179.21E 12km M=4.2
0.4 0.02 0.02 R
Rsd 0.2s 21ph/19stn Dmin 85km Az.gap 282°
Corr. 0.314 39M/33stn Msd 0.2 3↑ 3↓

95/3347
FEB 10 0335 43.9s 38.14S 179.15E 12km M=3.9
0.4 0.02 0.02 R
Rsd 0.3s 10ph/7stn Dmin 79km Az.gap 274°
Corr. 0.260 18M/16stn Msd 0.2 1↑

95/3349
FEB 10 0336 42.5s 37.93S 179.25E 12km M=4.1
0.3 0.03 0.02 R
Rsd 0.2s 13ph/10stn Dmin 89km Az.gap 285°
Corr. 0.136 13M/11stn Msd 0.2

95/3351
FEB 10 0344 42.3s 37.92S 179.27E 12km M=4.1
0.4 0.02 0.02 R
Rsd 0.3s 14ph/12stn Dmin 91km Az.gap 286°
Corr. -0.044 31M/26stn Msd 0.2 1↑

95/3353
FEB 10 0352 31.5s 37.91S 179.30E 12km M=3.8
0.4 0.02 0.02 R
Rsd 0.3s 13ph/11stn Dmin 93km Az.gap 288°
Corr. 0.019 24M/22stn Msd 0.2 1↑ 1↓

95/3354
FEB 10 0354 41.0s 38.21S 179.18E 12km M=3.5
0.9 0.04 0.05 R
Rsd 0.5s 6ph/4stn Dmin 83km Az.gap 277°
Corr. 0.058 5M/3stn Msd 0.4

95/3355
FEB 10 0356 01.5s 37.97S 179.28E 12km M=4.2
0.2 0.02 0.01 R
Rsd 0.1s 15ph/11stn Dmin 91km Az.gap 284°
Corr. 0.401 19M/15stn Msd 0.2 1↓

95/3356
FEB 10 0356 43.1s 37.86S 179.27E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.2s 10ph/7stn Dmin 90km Az.gap 289°
Corr. 0.133 11M/9stn Msd 0.2

95/3357
FEB 10 0358 02.8s 37.94S 179.38E 12km M=3.8
0.4 0.01 0.03 R
Rsd 0.1s 13ph/12stn Dmin 99km Az.gap 288°
Corr. 0.642 14M/12stn Msd 0.2 1↓

95/3358
FEB 10 0401 23.7s 38.14S 179.09E 12km M=3.6
0.0 0.00 0.00 R
Rsd 0.0s 4ph/3stn Dmin 74km Az.gap 289°
Corr. -0.318 5M/3stn Msd 0.4

95/3360
FEB 10 0405 18.9s 37.98S 179.14E 24km M=4.0
0.4 0.01 0.02 2
Rsd 0.1s 16ph/14stn Dmin 78km Az.gap 279°
Corr. -0.009 35M/30stn Msd 0.2 1↑

95/3361
FEB 10 0407 15.0s 38.01S 179.21E 12km M=3.6
0.2 0.01 0.01 R
Rsd 0.1s 7ph/5stn Dmin 84km Az.gap 290°
Corr. 0.081 6M/4stn Msd 0.4

95/3363
FEB 10 0411 00.3s 38.02S 179.32E 12km M=3.9
1.6 0.07 0.09 R
Rsd 1.0s 9ph/6stn Dmin 94km Az.gap 286°
Corr. 0.059 6M/4stn Msd 0.3

95/3364
FEB 10 0412 36.5s 38.04S 179.23E 12km M=3.6
0.6 0.03 0.04 R
Rsd 0.4s 10ph/8stn Dmin 86km Az.gap 291°
Corr. -0.032 10M/8stn Msd 0.1

95/3365
FEB 10 0414 54.9s 38.03S 179.18E 12km M=3.6
0.3 0.02 0.01 R
Rsd 0.1s 5ph/3stn Dmin 81km Az.gap 295°
Corr. -0.320 5M/3stn Msd 0.5

95/3366
FEB 10 0416 18.2s 38.12S 179.24E 12km M=3.7
0.8 0.04 0.05 R
Rsd 0.6s 8ph/6stn Dmin 87km Az.gap 283°
Corr. 0.317 7M/5stn Msd 0.4

95/3368
FEB 10 0421 46.4s 38.05S 179.06E 25km M=4.6
0.7 0.02 0.04 4
Rsd 0.2s 25ph/22stn Dmin 70km Az.gap 270°
Corr. -0.422 25M/14stn Msd 0.2 1↑ 1↓

95/3369
FEB 10 0429 52.7s 38.06S 179.22E 12km M=3.5
0.3 0.01 0.02 R
Rsd 0.2s 11ph/9stn Dmin 84km Az.gap 280°
Corr. 0.244 11M/10stn Msd 0.3 1↑ 1↓

95/3371
FEB 10 0435 29.6s 38.02S 179.18E 12km M=3.7
0.4 0.02 0.02 R
Rsd 0.2s 9ph/7stn Dmin 81km Az.gap 284°
Corr. 0.086 9M/7stn Msd 0.3 1↑

95/3372
FEB 10 0439 46.1s 37.84S 179.24E 12km M=3.5
0.2 0.01 0.01 R
Rsd 0.1s 5ph/3stn Dmin 87km Az.gap 302°
Corr. -0.375 5M/4stn Msd 0.4

95/3373
FEB 10 0442 28.5s 38.04S 179.19E 12km M=4.0
0.4 0.02 0.02 R
Rsd 0.3s 14ph/12stn Dmin 82km Az.gap 276°
Corr. 0.223 38M/31stn Msd 0.2 1↑ 1↓

95/3374
FEB 10 0444 21.2s 38.12S 179.13E 12km M=4.3
0.3 0.01 0.01 R
Rsd 0.1s 16ph/13stn Dmin 77km Az.gap 270°
Corr. 0.271 8M/4stn Msd 0.3

95/3375
FEB 10 0445 42.5s 38.14S 179.30E 12km M=4.3
1.2 0.02 0.09 R
Rsd 0.2s 13ph/13stn Dmin 92km Az.gap 276°
Corr. 0.614 8M/4stn Msd 0.2 1↑

95/3381
FEB 10 0451 05.5s 37.97S 179.26E 12km M=3.6
0.5 0.03 0.03 R
Rsd 0.3s 7ph/5stn Dmin 88km Az.gap 296°
Corr. 0.127 5M/4stn Msd 0.3 1↑

95/3382
FEB 10 0453 47.2s 37.45S 179.21E 12km M=4.0
0.5 0.03 0.04 R
Rsd 0.2s 16ph/14stn Dmin 82km Az.gap 288°
Corr. -0.481 25M/19stn Msd 0.3 1↑ 2↓

95/3385
FEB 10 0458 17.3s 37.99S 179.06E 12km M=3.8
0.4 0.02 0.03 R
Rsd 0.2s 12ph/10stn Dmin 71km Az.gap 274°
Corr. 0.144 15M/14stn Msd 0.2

95/3387
FEB 10 0502 47.4s 37.95S 179.50E 12km M=3.9
0.4 0.02 0.02 R
Rsd 0.2s 13ph/11stn Dmin 110km Az.gap 290°
Corr. 0.188 19M/16stn Msd 0.3 1↓

95/3389
FEB 10 0509 56.7s 37.99S 179.32E 12km M=4.8
0.4 0.02 0.03 R
Rsd 0.2s 26ph/24stn Dmin 93km Az.gap 283°
Corr. 0.312 23M/12stn Msd 0.2

95/3390
FEB 10 0511 33.1s 38.14S 179.13E 12km M=3.8
0.3 0.02 0.02 R
Rsd 0.2s 11ph/8stn Dmin 77km Az.gap 271°
Corr. 0.306 19M/19stn Msd 0.2

95/3391
FEB 10 0512 22.4s 37.89S 179.18E 12km M=3.6
1.8 0.04 0.12 R
Rsd 0.4s 8ph/8stn Dmin 84km Az.gap 290°
Corr. 0.248 14M/14stn Msd 0.3

95/3392
FEB 10 0521 23.5s 37.94S 179.25E 12km M=4.0
0.4 0.02 0.02 R
Rsd 0.2s 17ph/15stn Dmin 89km Az.gap 284°
Corr. 0.193 36M/31stn Msd 0.2 1↑

95/3393
FEB 10 0522 57.0s 37.82S 179.31E 12km M=4.4
0.3 0.02 0.02 R
Rsd 0.2s 20ph/18stn Dmin 92km Az.gap 283°
Corr. -0.072 12M/7stn Msd 0.2 4↑ 3↓

95/3394
FEB 10 0524 25.8s 37.94S 179.24E 12km M=4.0
0.3 0.01 0.02 R
Rsd 0.2s 13ph/11stn Dmin 87km Az.gap 284°
Corr. 0.236 21M/19stn Msd 0.2 2↑ 3↓

95/3395
FEB 10 0524 55.9s 38.17S 179.34E 12km M=3.7
0.8 0.04 0.05 R
Rsd 0.4s 6ph/4stn Dmin 95km Az.gap 280°
Corr. -0.027 3M/3stn Msd 0.1

95/3397
FEB 10 0532 43.9s 38.12S 179.15E 12km M=4.3
0.4 0.02 0.03 R
Rsd 0.3s 22ph/20stn Dmin 79km Az.gap 271°
Corr. 0.434 11M/6stn Msd 0.2 2↑ 3↓

95/3399
FEB 10 0541 12.4s 37.99S 179.28E 12km M=4.0
0.4 0.03 0.02 R
Rsd 0.2s 18ph/16stn Dmin 91km Az.gap 282°
Corr. 0.345 37M/30stn Msd 0.2 1↑ 1↓

95/3400
FEB 10 0544 25.6s 38.06S 179.19E 12km M=3.8
0.4 0.02 0.02 R
Rsd 0.2s 13ph/11stn Dmin 82km Az.gap 278°
Corr. 0.177 13M/13stn Msd 0.2 2↑ 2↓

95/3403
FEB 10 0547 47.2s 37.63S 179.43E 12km M=3.6
0.3 0.02 0.02 R
Rsd 0.2s 13ph/11stn Dmin 100km Az.gap 306°
Corr. -0.097 9M/8stn Msd 0.2 1↑ 4↓

95/3404
FEB 10 0548 47.9s 38.09S 179.07E 12km M=3.6
0.4 0.01 0.02 R
Rsd 0.2s 5ph/3stn Dmin 71km Az.gap 289°
Corr. -0.025 3M/3stn Msd 0.1 1↑

95/3408
FEB 10 0559 43.9s 37.86S 179.30E 12km M=4.3
0.3 0.02 0.02 R
Rsd 0.2s 30ph/28stn Dmin 93km Az.gap 283°
Corr. 0.041 17M/10stn Msd 0.2 2↑ 4↓

95/3409
FEB 10 0600 57.3s 38.12S 179.13E 12km M=4.5
0.3 0.02 0.02 R
Rsd 0.3s 20ph/18stn Dmin 76km Az.gap 270°
Corr. 0.308 12M/6stn Msd 0.3 1↑

95/3410
FEB 10 0602 28.4s 38.14S 179.10E 12km M=3.5
0.2 0.01 0.01 R
Rsd 0.1s 10ph/8stn Dmin 74km Az.gap 271°
Corr. 0.335 8M/8stn Msd 0.2 1↓

95/3415
FEB 10 0612 30.4s 38.03S 179.17E 12km M=3.5
0.4 0.02 0.02 R
Rsd 0.2s 9ph/7stn Dmin 81km Az.gap 295°
Corr. 0.086 4M/4stn Msd 0.3 1↑

95/3416
FEB 10 0616 35.5s 37.83S 179.33E 12km M=4.8
0.3 0.02 0.02 R
Rsd 0.2s 33ph/31stn Dmin 94km Az.gap 283°
Corr. 0.088 24M/13stn Msd 0.2 9↑ 10↓

95/3417
FEB 10 0618 33.3s 37.60S 179.40E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.2s 9ph/7stn Dmin 97km Az.gap 285°
Corr. -0.225 13M/11stn Msd 0.2 1↑ 1↓

95/3419
FEB 10 0622 13.5s 37.74S 179.48E 12km M=4.0
0.4 0.02 0.02 R
Rsd 0.2s 16ph/14stn Dmin 105km Az.gap 286°
Corr. 0.086 34M/28stn Msd 0.2 2↑ 2↓

95/3426
FEB 10 0640 33.1s 38.03S 179.18E 12km M=4.0
0.2 0.01 0.01 R
Rsd 0.1s 14ph/12stn Dmin 81km Az.gap 277°
Corr. 0.217 34M/29stn Msd 0.2

95/3427
FEB 10 0642 13.5s 37.86S 179.26E 12km M=3.7
0.4 0.02 0.02 R
Rsd 0.2s 11ph/9stn Dmin 89km Az.gap 291°
Corr. -0.016 11M/9stn Msd 0.4

95/3428
FEB 10 0644 01.1s 38.13S 179.12E 12km M=3.5
0.4 0.02 0.02 R
Rsd 0.2s 11ph/8stn Dmin 76km Az.gap 276°
Corr. 0.088 9M/8stn Msd 0.3

95/3430
FEB 10 0648 09.6s 37.92S 179.22E 12km M=4.5
0.3 0.02 0.02 R
Rsd 0.2s 22ph/19stn Dmin 87km Az.gap 282°
Corr. 0.162 16M/9stn Msd 0.1 1↓

95/3433
FEB 10 0657 41.7s 38.06S 179.23E 12km M=4.3
0.3 0.02 0.02 R
Rsd 0.2s 30ph/28stn Dmin 85km Az.gap 276°
Corr. 0.277 18M/10stn Msd 0.1 1↓

95/3434
FEB 10 0659 58.2s 38.04S 179.22E 12km M=3.7
0.5 0.03 0.03 R
Rsd 0.3s 12ph/10stn Dmin 84km Az.gap 277°
Corr. -0.014 25M/25stn Msd 0.3 1↑ 1↓

95/3435
FEB 10 0702 09.5s 37.95S 179.38E 12km M=4.2
0.4 0.02 0.03 R
Rsd 0.3s 24ph/22stn Dmin 99km Az.gap 287°
Corr. 0.274 10M/6stn Msd 0.2

95/3436
FEB 10 0704 14.7s 38.01S 179.19E 12km M=3.6
0.4 0.02 0.02 R
Rsd 0.2s 12ph/10stn Dmin 82km Az.gap 281°
Corr. 0.173 12M/12stn Msd 0.1

95/3440
FEB 10 0725 37.7s 37.57S 179.40E 12km M=3.6
1.0 0.03 0.07 R
Rsd 0.3s 9ph/8stn Dmin 97km Az.gap 291°
Corr. 0.189 4M/4stn Msd 0.3 1↓

95/3441
FEB 10 0730 06.7s 37.70S 179.42E 12km M=3.9
0.4 0.02 0.02 R
Rsd 0.2s 6ph/4stn Dmin 100km Az.gap 314°
Corr. -0.330 5M/3stn Msd 0.6 1↑

95/3442
FEB 10 0732 39.5s 38.02S 179.22E 12km M=3.8
0.5 0.03 0.03 R
Rsd 0.4s 20ph/18stn Dmin 84km Az.gap 280°
Corr. 0.106 19M/17stn Msd 0.2 1↑ 1↓

95/3443
FEB 10 0735 50.4s 37.71S 179.33E 12km M=3.8
0.6 0.03 0.03 R
Rsd 0.3s 6ph/4stn Dmin 91km Az.gap 311°
Corr. -0.445 5M/3stn Msd 0.7

95/3444
FEB 10 0743 47.3s 38.08S 179.17E 12km M=3.6
0.3 0.01 0.01 R
Rsd 0.2s 14ph/12stn Dmin 80km Az.gap 273°
Corr. 0.144 24M/22stn Msd 0.3 1↑

95/3447
FEB 10 0753 20.3s 37.83S 179.27E 12km M=4.0
0.3 0.02 0.02 R
Rsd 0.2s 14ph/12stn Dmin 89km Az.gap 291°
Corr. 0.048 32M/28stn Msd 0.2

95/3460
FEB 10 0825 50.2s 38.12S 179.12E 12km M=3.7
0.2 0.01 0.01 R
Rsd 0.2s 15ph/13stn Dmin 76km Az.gap 270°
Corr. 0.184 21M/20stn Msd 0.2 1↓

95/3461
FEB 10 0835 44.5s 37.39S 179.41E 12km M=3.6
0.1 0.01 0.01 R
Rsd 0.0s 13ph/11stn Dmin 101km Az.gap 316°
Corr. -0.426 8M/7stn Msd 0.5

95/3462
FEB 10 0847 39.6s 37.68S 179.25E 12km M=3.6
1.8 0.10 0.11 R
Rsd 0.8s 10ph/8stn Dmin 84km Az.gap 305°
Corr. -0.191 5M/4stn Msd 0.3

95/3467
FEB 10 0859 32.0s 38.01S 179.24E 12km M=3.6
0.3 0.02 0.02 R
Rsd 0.2s 9ph/7stn Dmin 86km Az.gap 284°
Corr. 0.263 8M/7stn Msd 0.2

95/3470
FEB 10 0907 41.6s 37.84S 179.34E 12km M=3.7
1.0 0.07 0.06 R
Rsd 0.5s 7ph/5stn Dmin 95km Az.gap 299°
Corr. 0.005 5M/4stn Msd 0.3

95/3471
FEB 10 0910 10.6s 37.43S 179.41E 12km M=3.7
0.2 0.01 0.01 R
Rsd 0.1s 16ph/14stn Dmin 100km Az.gap 293°
Corr. -0.696 12M/11stn Msd 0.3 1↓

95/3473
FEB 10 0916 48.5s 37.85S 179.29E 12km M=4.0
0.4 0.02 0.02 R
Rsd 0.3s 13ph/11stn Dmin 92km Az.gap 289°
Corr. 0.039 33M/27stn Msd 0.2

95/3477
FEB 10 0922 39.4s 38.00S 179.27E 12km M=4.5
0.3 0.02 0.02 R
Rsd 0.2s 32ph/30stn Dmin 89km Az.gap 281°
Corr. 0.088 22M/12stn Msd 0.1 1↑ 1↓

95/3478
FEB 10 0923 50.5s 37.99S 179.30E 12km M=3.7
0.5 0.03 0.03 R
Rsd 0.3s 9ph/8stn Dmin 92km Az.gap 286°
Corr. 0.352 13M/11stn Msd 0.2

95/3480
FEB 10 0927 25.4s 38.15S 179.17E 12km M=4.9
0.2 0.01 0.01 R
Rsd 0.1s 30ph/29stn Dmin 81km Az.gap 271°
Corr. 0.260 39M/21stn Msd 0.2 3↑ 2↓

95/3481
FEB 10 0932 26.8s 37.52S 179.50E 12km M=3.6
0.6 0.03 0.04 R
Rsd 0.4s 9ph/7stn Dmin 106km Az.gap 296°
Corr. -0.296 5M/5stn Msd 0.1

95/3482
FEB 10 0938 40.1s 37.97S 179.21E 12km M=3.5
0.2 0.01 0.01 R
Rsd 0.1s 10ph/8stn Dmin 85km Az.gap 292°
Corr. 0.115 10M/8stn Msd 0.1

95/3483
FEB 10 0940 11.7s 38.16S 179.17E 12km M=4.9
0.2 0.01 0.01 R
Rsd 0.1s 28ph/26stn Dmin 80km Az.gap 270°
Corr. 0.008 42M/22stn Msd 0.2 1↑ 1↓

95/3484
FEB 10 0946 52.4s 37.68S 179.45E 12km M=3.6
0.3 0.02 0.02 R
Rsd 0.1s 10ph/8stn Dmin 102km Az.gap 304°
Corr. -0.011 12M/11stn Msd 0.3

95/3485
FEB 10 0949 42.0s 38.31S 179.11E 12km M=3.6
0.2 0.01 0.01 R
Rsd 0.1s 5ph/3stn Dmin 79km Az.gap 292°
Corr. -0.088 6M/4stn Msd 0.3

95/3488
FEB 10 0955 20.8s 37.87S 179.26E 12km M=3.5
0.1 0.00 0.00 R
Rsd 0.0s 5ph/3stn Dmin 90km Az.gap 303°
Corr. 0.004 5M/3stn Msd 0.6

95/3489
FEB 10 0957 30.3s 38.14S 179.16E 12km M=3.5
0.5 0.03 0.03 R
Rsd 0.3s 10ph/8stn Dmin 80km Az.gap 273°
Corr. 0.239 9M/8stn Msd 0.2

95/3492
FEB 10 1003 24.2s 37.41S 179.31E 12km M=3.5
0.6 0.03 0.03 R
Rsd 0.1s 10ph/10stn Dmin 91km Az.gap 290°
Corr. 0.631 9M/8stn Msd 0.3 1↓

95/3493
FEB 10 1009 08.2s 37.77S 179.46E 12km M=4.6
0.3 0.02 0.02 R
Rsd 0.2s 45ph/41stn Dmin 104km Az.gap 286°
Corr. 0.006 28M/17stn Msd 0.2 1↑ 5↓

95/3495
FEB 10 1017 08.5s 37.89S 179.27E 12km M=3.5
0.4 0.02 0.02 R
Rsd 0.3s 14ph/12stn Dmin 91km Az.gap 289°
Corr. 0.212 11M/11stn Msd 0.2 3↑ 1↓

95/3497
FEB 10 1025 26.3s 38.00S 179.24E 12km M=3.6
0.3 0.01 0.02 R
Rsd 0.2s 14ph/12stn Dmin 86km Az.gap 282°
Corr. 0.369 11M/10stn Msd 0.2 1↓

95/3499
FEB 10 1035 54.9s 38.04S 179.17E 12km M=3.7
0.4 0.02 0.03 R
Rsd 0.2s 10ph/8stn Dmin 81km Az.gap 279°
Corr. 0.431 10M/8stn Msd 0.3 1↓

95/3500
FEB 10 1037 50.6s 37.92S 179.25E 12km M=3.5
0.4 0.02 0.03 R
Rsd 0.3s 11ph/9stn Dmin 89km Az.gap 287°
Corr. 0.186 6M/6stn Msd 0.3 1↑

95/3502
FEB 10 1047 40.5s 37.47S 179.50E 12km M=3.7
0.2 0.02 0.01 R
Rsd 0.1s 11ph/9stn Dmin 107km Az.gap 287°
Corr. 0.049 7M/7stn Msd 0.3 1↑ 1↓

95/3504
FEB 10 1051 39.1s 37.37S 179.40E 12km M=3.9
0.1 0.01 0.01 R
Rsd 0.1s 10ph/8stn Dmin 100km Az.gap 288°
Corr. -0.576 13M/10stn Msd 0.4 1↑

95/3506
FEB 10 1102 47.7s 38.10S 179.06E 12km M=3.5
0.4 0.02 0.02 R
Rsd 0.2s 5ph/3stn Dmin 71km Az.gap 287°
Corr. -0.312 4M/3stn Msd 0.3

95/3507
FEB 10 1109 06.5s 37.79S 179.22E 12km M=3.8
0.4 0.03 0.03 R
Rsd 0.2s 17ph/15stn Dmin 83km Az.gap 288°
Corr. -0.244 16M/12stn Msd 0.2 1↑ 2↓

95/3511
FEB 10 1114 16.0s 37.84S 179.33E 12km M=4.2
0.3 0.02 0.02 R
Rsd 0.2s 32ph/29stn Dmin 95km Az.gap 283°
Corr. -0.025 8M/4stn Msd 0.2 1↑

95/3513
FEB 10 1121 26.2s 37.49S 179.40E 12km M=4.7
0.2 0.01 0.01 R
Rsd 0.1s 40ph/37stn Dmin 98km Az.gap 286°
Corr. -0.048 27M/15stn Msd 0.2 7↑ 10↓

95/3518
FEB 10 1150 47.2s 37.84S 179.44E 12km M=4.3
0.3 0.02 0.02 R
Rsd 0.2s 34ph/32stn Dmin 104km Az.gap 285°
Corr. 0.022 11M/7stn Msd 0.1 1↑ 4↓

95/3519
FEB 10 1155 50.6s 38.12S 179.15E 12km M=3.8
0.6 0.03 0.04 R
Rsd 0.4s 14ph/12stn Dmin 78km Az.gap 271°
Corr. 0.298 21M/19stn Msd 0.2 1↑ 5↓

95/3520
FEB 10 1210 28.5s 38.03S 179.17E 12km M=3.8
0.1 0.01 0.01 R
Rsd 0.1s 21ph/19stn Dmin 81km Az.gap 277°
Corr. 0.215 33M/29stn Msd 0.2 2↑ 4↓

95/3521
FEB 10 1212 19.7s 37.44S 179.38E 12km M=3.7
0.3 0.02 0.03 R
Rsd 0.1s 15ph/12stn Dmin 97km Az.gap 284°
Corr. -0.343 7M/7stn Msd 0.3 3↑ 3↓

95/3522
FEB 10 1219 07.5s 37.52S 179.40E 12km M=3.9
0.6 0.04 0.04 R
Rsd 0.3s 14ph/12stn Dmin 97km Az.gap 285°
Corr. -0.093 20M/20stn Msd 0.2 1↑

95/3523
FEB 10 1220 25.0s 37.92S 179.33E 12km M=3.7
0.4 0.02 0.03 R
Rsd 0.3s 14ph/12stn Dmin 96km Az.gap 285°
Corr. 0.185 13M/13stn Msd 0.3 1↑ 2↓

95/3524
FEB 10 1221 09.4s 38.05S 179.16E 12km M=3.7
0.4 0.02 0.02 R
Rsd 0.3s 7ph/5stn Dmin 79km Az.gap 278°
Corr. 0.159 8M/8stn Msd 0.2 1↑

95/3525
FEB 10 1223 38.7s 37.46S 179.33E 12km M=3.6
0.3 0.02 0.02 R
Rsd 0.2s 10ph/8stn Dmin 92km Az.gap 318°
Corr. -0.501 3M/3stn Msd 0.3 1↓

95/3526
FEB 10 1225 40.5s 37.94S 179.20E 12km M=3.7
0.3 0.02 0.02 R
Rsd 0.2s 9ph/7stn Dmin 84km Az.gap 284°
Corr. 0.108 11M/9stn Msd 0.3 2↑ 2↓

95/3528
FEB 10 1241 39.5s 37.98S 179.22E 12km M=4.4
0.1 0.01 0.01 R
Rsd 0.1s 23ph/21stn Dmin 85km Az.gap 281°
Corr. -0.050 12M/8stn Msd 0.2 3↑ 2↓

95/3530
FEB 10 1259 27.4s 37.83S 179.31E 12km M=3.8
0.2 0.01 0.02 R
Rsd 0.1s 13ph/11stn Dmin 92km Az.gap 291°
Corr. 0.141 21M/20stn Msd 0.1 2↑ 2↓

95/3533
FEB 10 1320 42.2s 37.60S 179.31E 12km M=4.1
0.3 0.02 0.02 R
Rsd 0.1s 24ph/21stn Dmin 89km Az.gap 284°
Corr. -0.030 32M/25stn Msd 0.3 1↓

95/3534
FEB 10 1323 22.5s 38.05S 179.20E 12km M=3.6
0.4 0.02 0.02 R
Rsd 0.2s 10ph/8stn Dmin 83km Az.gap 280°
Corr. 0.220 7M/5stn Msd 0.4 1↑ 1↓

95/3540
FEB 10 1338 08.4s 37.49S 179.43E 12km M=3.9
0.2 0.02 0.02 R
Rsd 0.1s 18ph/17stn Dmin 100km Az.gap 292°
Corr. -0.264 29M/25stn Msd 0.2 1↑ 1↓

95/3542
FEB 10 1358 03.4s 37.46S 179.42E 12km M=4.0
0.2 0.01 0.01 R
Rsd 0.1s 33ph/31stn Dmin 100km Az.gap 312°
Corr. -0.206 42M/37stn Msd 0.2 3↑ 2↓

95/3543
FEB 10 1358 45.2s 37.43S 179.46E 12km M=4.5
0.3 0.02 0.02 R
Rsd 0.1s 30ph/28stn Dmin 104km Az.gap 287°
Corr. -0.525 21M/11stn Msd 0.2 1↓

95/3545
FEB 10 1420 41.2s 37.45S 179.45E 12km M=3.6
0.2 0.01 0.02 R
Rsd 0.1s 17ph/15stn Dmin 102km Az.gap 312°
Corr. -0.278 16M/14stn Msd 0.3 1↑ 1↓

95/3546
FEB 10 1424 07.0s 37.75S 179.43E 12km M=4.4
0.2 0.02 0.02 R
Rsd 0.2s 34ph/31stn Dmin 101km Az.gap 285°
Corr. -0.171 20M/11stn Msd 0.2 1↑ 1↓

95/3547
FEB 10 1428 28.8s 37.59S 179.36E 12km M=3.8
0.3 0.02 0.02 R
Rsd 0.1s 17ph/15stn Dmin 94km Az.gap 285°
Corr. -0.267 15M/14stn Msd 0.2 1↑ 1↓

95/3551
FEB 10 1431 50.9s 37.45S 179.37E 12km M=3.7
0.2 0.02 0.02 R
Rsd 0.1s 21ph/19stn Dmin 96km Az.gap 312°
Corr. -0.544 15M/13stn Msd 0.4 1↓

95/3552
FEB 10 1433 57.7s 37.48S 179.40E 12km M=4.0
0.3 0.01 0.02 R
Rsd 0.1s 30ph/28stn Dmin 98km Az.gap 307°
Corr. -0.066 40M/38stn Msd 0.2 1↑

95/3554
FEB 10 1436 39.9s 37.85S 179.32E 12km M=4.4
0.3 0.02 0.02 R
Rsd 0.2s 26ph/24stn Dmin 94km Az.gap 283°
Corr. -0.030 15M/8stn Msd 0.1

95/3555
FEB 10 1441 33.3s 38.09S 179.24E 12km M=3.6
1.3 0.06 0.07 R
Rsd 0.9s 7ph/5stn Dmin 86km Az.gap 278°
Corr. 0.318 5M/3stn Msd 0.3

95/3561
FEB 10 1557 22.6s 37.46S 179.41E 12km M=3.9
0.2 0.01 0.02 R
Rsd 0.1s 32ph/30stn Dmin 123km Az.gap 307°
Corr. -0.291 39M/38stn Msd 0.2 1↓

95/3562
FEB 10 1559 18.0s 38.14S 179.10E 12km M=3.6
1.4 0.08 0.07 R
Rsd 0.5s 9ph/7stn Dmin 74km Az.gap 303°
Corr. 0.691 21M/19stn Msd 0.3 1↑

95/3563
FEB 10 1605 27.4s 37.47S 179.47E 12km M=4.4
0.2 0.02 0.02 R
Rsd 0.1s 37ph/34stn Dmin 126km Az.gap 287°
Corr. -0.350 16M/10stn Msd 0.2 1↓

95/3564
FEB 10 1613 56.8s 37.44S 179.39E 12km M=4.0
0.3 0.01 0.02 R
Rsd 0.1s 40ph/38stn Dmin 122km Az.gap 285°
Corr. -0.026 45M/42stn Msd 0.2 1↓

95/3567
FEB 10 1636 13.8s 38.04S 179.25E 12km M=3.7
0.9 0.06 0.05 R
Rsd 0.4s 9ph/8stn Dmin 87km Az.gap 307°
Corr. 0.298 10M/7stn Msd 0.4 1↑

95/3568
FEB 10 1636 36.6s 37.98S 179.51E 12km M=3.6
1.0 0.06 0.04 R
Rsd 0.4s 8ph/5stn Dmin 111km Az.gap 320°
Corr. 0.307 4M/2stn Msd 0.2

95/3569
FEB 10 1641 56.9s 37.99S 179.15E 12km M=3.6
0.8 0.06 0.03 R
Rsd 0.3s 10ph/8stn Dmin 79km Az.gap 316°
Corr. 0.322 9M/7stn Msd 0.2

95/3570
FEB 10 1642 40.0s 37.74S 179.48E 12km M=3.7
0.5 0.04 0.03 R
Rsd 0.3s 10ph/8stn Dmin 114km Az.gap 320°
Corr. -0.314 10M/8stn Msd 0.1

95/3571
FEB 10 1647 22.4s 37.77S 179.28E 12km M=3.8
0.2 0.01 0.01 R
Rsd 0.1s 17ph/15stn Dmin 96km Az.gap 306°
Corr. -0.154 28M/24stn Msd 0.2 1↓

95/3572
FEB 10 1648 47.2s 38.11S 179.17E 12km M=3.6
1.4 0.07 0.07 R
Rsd 0.4s 11ph/9stn Dmin 80km Az.gap 306°
Corr. 0.515 14M/12stn Msd 0.2 1↑ 1↓

95/3574
FEB 10 1654 30.8s 37.61S 179.52E 12km M=3.7
0.3 0.04 0.02 R
Rsd 0.2s 7ph/5stn Dmin 122km Az.gap 314°
Corr. -0.593 17M/16stn Msd 0.2

95/3575
FEB 10 1659 03.9s 37.77S 179.28E 12km M=3.8
0.2 0.02 0.01 R
Rsd 0.1s 18ph/16stn Dmin 96km Az.gap 284°
Corr. -0.326 32M/28stn Msd 0.2 1↓

95/3576
FEB 10 1704 59.7s 37.90S 179.23E 12km M=3.8
0.4 0.04 0.02 R
Rsd 0.2s 14ph/12stn Dmin 87km Az.gap 286°
Corr. -0.340 24M/22stn Msd 0.2 1↑

95/3579
FEB 10 1727 24.0s 38.29S 176.29E 119km M=3.9
0.2 0.01 0.01 2
Rsd 0.2s 49ph/39stn Dmin 8km Az.gap 35°
Corr. -0.309 18M/18stn Msd 0.2 6↑ 11↓

95/3580
FEB 10 1728 02.3s 37.88S 179.25E 12km M=4.5
0.4 0.03 0.03 R
Rsd 0.2s 31ph/29stn Dmin 90km Az.gap 284°
Corr. -0.030 14M/8stn Msd 0.3 5↑ 2↓

95/3581
FEB 10 1733 42.5s 37.41S 179.38E 12km M=4.4
0.3 0.02 0.02 R
Rsd 0.2s 36ph/33stn Dmin 123km Az.gap 285°
Corr. 0.125 15M/8stn Msd 0.2 5↑ 5↓

95/3582
FEB 10 1736 45.6s 37.78S 179.31E 12km M=3.7
0.2 0.02 0.01 R
Rsd 0.1s 13ph/11stn Dmin 98km Az.gap 321°
Corr. -0.123 11M/10stn Msd 0.2 2↑ 1↓

95/3587
FEB 10 1802 43.5s 37.90S 179.34E 12km M=3.6
0.7 0.03 0.04 R
Rsd 0.3s 6ph/4stn Dmin 97km Az.gap 305°
Corr. -0.132 4M/3stn Msd 0.2

95/3591
FEB 10 1815 45.5s 37.98S 179.34E 12km M=3.8
0.3 0.01 0.02 R
Rsd 0.2s 18ph/16stn Dmin 96km Az.gap 287°
Corr. 0.352 28M/26stn Msd 0.3 2↑ 3↓

95/3594
FEB 10 1832 54.4s 38.00S 179.25E 12km M=3.6
0.4 0.02 0.03 R
Rsd 0.3s 13ph/11stn Dmin 88km Az.gap 283°
Corr. 0.388 11M/10stn Msd 0.1 1↑ 2↓

95/3595
FEB 10 1839 02.0s 37.43S 179.41E 12km M=3.6
0.3 0.01 0.02 R
Rsd 0.2s 6ph/4stn Dmin 100km Az.gap 300°
Corr. -0.251 3M/3stn Msd 0.2 1↑

95/3597
FEB 10 1848 01.9s 37.60S 179.72E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.2s 19ph/17stn Dmin 126km Az.gap 294°
Corr. 0.030 28M/25stn Msd 0.2 4↑ 2↓

95/3600
FEB 10 1900 52.1s 37.80S 179.45E 12km M=4.6
0.3 0.02 0.02 R
Rsd 0.2s 32ph/29stn Dmin 103km Az.gap 285°
Corr. 0.114 16M/8stn Msd 0.3 5↑ 6↓

95/3601
FEB 10 1904 11.7s 37.84S 179.33E 12km M=4.6
0.4 0.02 0.03 R
Rsd 0.3s 32ph/30stn Dmin 95km Az.gap 283°
Corr. 0.186 18M/10stn Msd 0.1 10↑ 9↓

95/3604
FEB 10 1920 08.6s 38.13S 179.22E 12km M=4.6
0.3 0.02 0.02 R
Rsd 0.2s 27ph/25stn Dmin 84km Az.gap 273°
Corr. 0.319 13M/7stn Msd 0.5 1↑ 1↓

95/3605
FEB 10 1922 45.8s 37.85S 179.30E 12km M=3.6
0.4 0.02 0.02 R
Rsd 0.3s 12ph/10stn Dmin 92km Az.gap 292°
Corr. 0.102 12M/10stn Msd 0.3

95/3606
FEB 10 1924 50.6s 38.11S 179.16E 12km M=3.8
0.3 0.01 0.01 R
Rsd 0.1s 5ph/3stn Dmin 79km Az.gap 294°
Corr. -0.163 5M/3stn Msd 0.4 1↑

95/3607
FEB 10 1927 49.9s 38.13S 179.23E 12km M=3.8
0.4 0.02 0.02 R
Rsd 0.3s 14ph/12stn Dmin 85km Az.gap 273°
Corr. 0.143 24M/22stn Msd 0.2 1↑ 1↓

95/3608
FEB 10 1930 56.7s 38.03S 179.18E 12km M=3.6
0.3 0.02 0.02 R
Rsd 0.2s 14ph/12stn Dmin 81km Az.gap 276°
Corr. 0.099 21M/20stn Msd 0.2 3↑ 2↓

95/3609
FEB 10 1936 09.2s 37.63S 179.66E 12km M=4.3
0.5 0.03 0.03 R
Rsd 0.3s 26ph/24stn Dmin 120km Az.gap 288°
Corr. -0.246 8M/5stn Msd 0.2 1↑

95/3611
FEB 10 1953 53.0s 37.34S 179.48E 12km M=4.7
0.2 0.01 0.01 R
Rsd 0.1s 33ph/30stn Dmin 108km Az.gap 287°
Corr. 0.116 19M/12stn Msd 0.3 1↓

95/3612
FEB 10 1958 16.1s 37.34S 179.47E 12km M=4.0
0.2 0.01 0.01 R
Rsd 0.1s 19ph/17stn Dmin 107km Az.gap 287°
Corr. 0.018 42M/35stn Msd 0.3 1↓

95/3615
FEB 10 2017 45.9s 38.07S 179.21E 12km M=3.7
1.1 0.05 0.06 R
Rsd 0.7s 10ph/8stn Dmin 84km Az.gap 280°
Corr. 0.186 9M/7stn Msd 0.3 1↑ 1↓

95/3617
FEB 10 2037 52.6s 38.00S 179.19E 12km M=3.6
0.6 0.03 0.03 R
Rsd 0.3s 10ph/8stn Dmin 82km Az.gap 279°
Corr. 0.019 15M/12stn Msd 0.3 1↑

95/3618
FEB 10 2057 42.3s 37.98S 179.27E 12km M=3.9
0.3 0.01 0.02 R
Rsd 0.2s 19ph/17stn Dmin 90km Az.gap 282°
Corr. 0.327 31M/26stn Msd 0.2 1↑ 1↓

95/3619
FEB 10 2112 34.4s 38.05S 179.18E 12km M=3.6
1.1 0.06 0.06 R
Rsd 0.7s 6ph/4stn Dmin 81km Az.gap 289°
Corr. 0.314 6M/4stn Msd 0.4

95/3623
FEB 10 2132 09.8s 37.72S 179.58E 12km M=3.8
0.2 0.02 0.01 R
Rsd 0.1s 12ph/10stn Dmin 113km Az.gap 305°
Corr. -0.023 7M/6stn Msd 0.4

95/3624
FEB 10 2145 27.0s 37.85S 179.32E 12km M=3.9
0.4 0.03 0.03 R
Rsd 0.3s 11ph/9stn Dmin 94km Az.gap 286°
Corr. -0.132 11M/9stn Msd 0.2 1↑ 1↓

95/3625
FEB 10 2147 10.2s 37.33S 179.58E 12km M=3.7
1.1 0.06 0.08 R
Rsd 0.5s 8ph/6stn Dmin 117km Az.gap 288°
Corr. -0.168 7M/5stn Msd 0.3

95/3627
FEB 10 2151 12.0s 37.77S 179.50E 12km M=3.7
0.2 0.01 0.01 R
Rsd 0.1s 16ph/14stn Dmin 107km Az.gap 298°
Corr. -0.057 21M/18stn Msd 0.4 1↑ 1↓

95/3629
FEB 10 2206 16.6s 37.93S 179.32E 12km M=4.6
0.3 0.02 0.02 R
Rsd 0.2s 28ph/26stn Dmin 95km Az.gap 283°
Corr. 0.169 12M/6stn Msd 0.2

95/3630
FEB 10 2209 49.6s 37.51S 179.39E 12km M=5.2
0.3 0.02 0.02 R
Rsd 0.2s 39ph/37stn Dmin 97km Az.gap 285°
Corr. -0.069 44M/25stn Msd 0.2 1↓

95/3632
FEB 10 2234 43.5s 38.11S 179.02E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.2s 14ph/12stn Dmin 67km Az.gap 266°
Corr. -0.176 36M/30stn Msd 0.2 1↑ 1↓

95/3634
FEB 10 2241 17.5s 37.48S 179.23E 12km M=4.1
0.5 0.03 0.03 R
Rsd 0.3s 14ph/10stn Dmin 83km Az.gap 281°
Corr. -0.019 29M/23stn Msd 0.4 1↓

95/3635
FEB 10 2246 39.4s 37.47S 179.34E 12km M=4.0
0.3 0.02 0.02 R
Rsd 0.2s 19ph/17stn Dmin 92km Az.gap 312°
Corr. -0.311 33M/29stn Msd 0.2

95/3636
FEB 10 2250 13.1s 38.00S 179.21E 12km M=4.0
0.3 0.01 0.02 R
Rsd 0.2s 19ph/17stn Dmin 84km Az.gap 279°
Corr. 0.162 38M/35stn Msd 0.3

95/3637
FEB 10 2251 26.7s 38.16S 179.09E 12km M=3.7
0.4 0.02 0.02 R
Rsd 0.3s 11ph/9stn Dmin 74km Az.gap 270°
Corr. 0.198 22M/21stn Msd 0.2

95/3641
FEB 10 2300 45.5s 38.19S 179.08E 12km M=4.2
0.2 0.01 0.01 R
Rsd 0.1s 19ph/17stn Dmin 74km Az.gap 265°
Corr. 0.283 49M/42stn Msd 0.2 3↑ 5↓

95/3643
FEB 10 2308 28.8s 37.91S 179.30E 12km M=3.8
0.4 0.02 0.02 R
Rsd 0.3s 13ph/11stn Dmin 93km Az.gap 287°
Corr. 0.256 25M/25stn Msd 0.2 3↑ 1↓

95/3644
FEB 10 2310 28.0s 37.64S 178.85E 12km M=3.6
0.4 0.02 0.02 R
Rsd 0.2s 11ph/9stn Dmin 48km Az.gap 291°
Corr. 0.288 7M/7stn Msd 0.3 1↑ 1↓

95/3645
FEB 10 2310 44.8s 37.35S 178.94E 12km M=3.5
0.8 0.04 0.05 R
Rsd 0.3s 5ph/3stn Dmin 63km Az.gap 326°
Corr. -0.126 3M/3stn Msd 0.2

95/3646
FEB 10 2312 07.3s 37.83S 179.73E 12km M=3.9
0.7 0.04 0.05 R
Rsd 0.4s 10ph/8stn Dmin 128km Az.gap 292°
Corr. -0.295 8M/6stn Msd 0.2 1↑

95/3648
FEB 10 2316 59.8s 38.13S 179.10E 12km M=3.5
0.3 0.01 0.02 R
Rsd 0.2s 8ph/6stn Dmin 74km Az.gap 281°
Corr. 0.237 5M/5stn Msd 0.3 1↑ 2↓

95/3649
FEB 10 2320 15.6s 37.72S 179.42E 12km M=3.7
0.9 0.06 0.05 R
Rsd 0.6s 7ph/5stn Dmin 99km Az.gap 302°
Corr. 0.081 5M/3stn Msd 0.7

95/3650
FEB 10 2325 47.2s 37.57S 179.67E 12km M=4.1
0.5 0.03 0.04 R
Rsd 0.2s 22ph/20stn Dmin 121km Az.gap 289°
Corr. -0.113 46M/40stn Msd 0.2 4↑ 1↓

95/3651
FEB 10 2330 09.6s 37.61S 179.42E 12km M=3.7
0.3 0.02 0.02 R
Rsd 0.1s 13ph/11stn Dmin 99km Az.gap 307°
Corr. 0.185 17M/17stn Msd 0.2 1↑

95/3653
FEB 10 2335 49.7s 37.82S 179.45E 12km M=4.5
0.2 0.01 0.02 R
Rsd 0.1s 22ph/20stn Dmin 104km Az.gap 285°
Corr. 0.187 9M/5stn Msd 0.2 3↑ 3↓

95/3658
FEB 11 0001 39.2s 37.87S 179.38E 12km M=3.9
0.4 0.02 0.02 R
Rsd 0.2s 18ph/16stn Dmin 100km Az.gap 284°
Corr. 0.122 31M/27stn Msd 0.2 4↑ 3↓

95/3659
FEB 11 0004 59.1s 37.77S 179.52E 12km M=4.0
0.3 0.02 0.02 R
Rsd 0.2s 30ph/27stn Dmin 109km Az.gap 286°
Corr. 0.351 37M/31stn Msd 0.3 10↑ 6↓

95/3664
FEB 11 0024 09.9s 37.51S 179.11E 12km M=4.5
0.4 0.02 0.03 R
Rsd 0.3s 22ph/19stn Dmin 72km Az.gap 286°
Corr. -0.114 10M/6stn Msd 0.1

95/3665
FEB 11 0031 33.5s 37.47S 179.31E 12km M=3.8
0.3 0.02 0.03 R
Rsd 0.2s 10ph/8stn Dmin 91km Az.gap 320°
Corr. -0.470 7M/5stn Msd 0.4 1↓

95/3666
FEB 11 0037 44.5s 37.99S 179.20E 12km M=3.5
0.3 0.02 0.02 R
Rsd 0.2s 6ph/4stn Dmin 83km Az.gap 296°
Corr. 0.051 5M/3stn Msd 0.5

95/3667
FEB 11 0042 03.0s 37.41S 179.36E 12km M=3.8
0.4 0.03 0.02 R
Rsd 0.2s 12ph/10stn Dmin 96km Az.gap 316°
Corr. -0.334 9M/7stn Msd 0.5 1↓

95/3668
FEB 11 0046 07.6s 38.02S 179.18E 12km M=3.9
0.4 0.02 0.02 R
Rsd 0.3s 12ph/10stn Dmin 81km Az.gap 279°
Corr. 0.320 9M/9stn Msd 0.3 2↑ 1↓

95/3669
FEB 11 0047 06.1s 37.49S 179.45E 12km M=3.5
0.6 0.04 0.03 R
Rsd 0.3s 7ph/5stn Dmin 103km Az.gap 313°
Corr. 0.059 4M/4stn Msd 0.2 1↑

95/3671
FEB 11 0049 23.6s 37.75S 179.50E 12km M=4.1
0.3 0.02 0.02 R
Rsd 0.1s 22ph/19stn Dmin 107km Az.gap 288°
Corr. 0.052 27M/23stn Msd 0.4 1↑

95/3673
FEB 11 0059 29.5s 38.04S 179.24E 12km M=3.7
0.5 0.02 0.03 R
Rsd 0.3s 11ph/9stn Dmin 87km Az.gap 279°
Corr. 0.220 18M/16stn Msd 0.3 1↑ 1↓

95/3676
FEB 11 0110 33.0s 38.10S 179.06E 12km M=3.5
0.4 0.02 0.02 R
Rsd 0.2s 5ph/3stn Dmin 71km Az.gap 288°
Corr. -0.102 5M/3stn Msd 0.5

95/3682
FEB 11 0151 46.5s 37.41S 179.36E 12km M=4.2
0.3 0.02 0.02 R
Rsd 0.2s 35ph/28stn Dmin 96km Az.gap 284°
Corr. -0.275 12M/8stn Msd 0.1 3↑ 2↓

95/3687
FEB 11 0201 51.8s 37.88S 179.33E 12km M=5.3
0.3 0.02 0.02 R
Rsd 0.2s 40ph/38stn Dmin 96km Az.gap 284°
Corr. -0.054 41M/22stn Msd 0.2 7↑ 15↓

95/3689
FEB 11 0217 24.0s 38.01S 179.40E 12km M=3.6
0.6 0.03 0.04 R
Rsd 0.3s 13ph/11stn Dmin 101km Az.gap 284°
Corr. 0.082 4M/4stn Msd 0.3 1↓

95/3690
FEB 11 0217 28.8s 37.73S 177.57E 57km M=3.5
0.1 0.01 0.00 1
Rsd 0.1s 25ph/17stn Dmin 41km Az.gap 133°
Corr. 0.020 3M/3stn Msd 0.3 1↑ 4↓

95/3693
FEB 11 0221 43.6s 37.78S 179.60E 12km M=3.6
1.0 0.07 0.06 R
Rsd 0.5s 5ph/3stn Dmin 116km Az.gap 316°
Corr. -0.326 5M/3stn Msd 0.5

95/3696
FEB 11 0236 29.5s 37.90S 179.31E 12km M=3.7
0.7 0.03 0.04 R
Rsd 0.3s 7ph/6stn Dmin 94km Az.gap 304°
Corr. 0.011 5M/4stn Msd 0.2

95/3698
FEB 11 0252 03.6s 37.80S 179.41E 12km M=3.7
0.5 0.03 0.03 R
Rsd 0.2s 6ph/4stn Dmin 100km Az.gap 330°
Corr. -0.614 5M/3stn Msd 0.7

95/3699
FEB 11 0258 21.6s 37.41S 179.45E 12km M=5.1
0.6 0.02 0.04 R
Rsd 0.1s 36ph/34stn Dmin 104km Az.gap 287°
Corr. 0.612 38M/20stn Msd 0.2 1↑ 3↓

95/3700
FEB 11 0324 04.9s 38.03S 179.14E 12km M=3.6
0.2 0.01 0.01 R
Rsd 0.1s 5ph/3stn Dmin 78km Az.gap 293°
Corr. -0.048 5M/3stn Msd 0.5

95/3703
FEB 11 0330 11.2s 37.88S 179.33E 12km M=3.7
0.4 0.02 0.03 R
Rsd 0.2s 12ph/10stn Dmin 96km Az.gap 289°
Corr. -0.059 16M/15stn Msd 0.2 1↑

95/3704
FEB 11 0330 36.5s 38.05S 179.20E 12km M=3.6
0.9 0.05 0.05 R
Rsd 0.4s 6ph/4stn Dmin 83km Az.gap 296°
Corr. -0.059 5M/4stn Msd 0.1

95/3705
FEB 11 0332 09.0s 37.99S 179.21E 12km M=4.2
0.6 0.03 0.04 R
Rsd 0.3s 16ph/14stn Dmin 84km Az.gap 285°
Corr. 0.072 9M/5stn Msd 0.1

95/3706
FEB 11 0343 26.9s 37.28S 179.44E 12km M=4.8
0.2 0.01 0.02 R
Rsd 0.1s 33ph/31stn Dmin 107km Az.gap 287°
Corr. -0.258 27M/14stn Msd 0.1 1↓

95/3707
FEB 11 0346 11.3s 38.01S 179.17E 12km M=3.7
0.4 0.02 0.03 R
Rsd 0.2s 11ph/10stn Dmin 80km Az.gap 277°
Corr. 0.010 5M/5stn Msd 0.1 1↑

95/3708
FEB 11 0347 34.0s 37.31S 179.40E 12km M=3.8
0.6 0.03 0.04 R
Rsd 0.3s 9ph/8stn Dmin 102km Az.gap 292°
Corr. -0.228 8M/6stn Msd 0.3 1↓

95/3709
FEB 11 0349 01.9s 37.60S 179.34E 12km M=4.3
0.5 0.02 0.03 R
Rsd 0.2s 14ph/13stn Dmin 92km Az.gap 291°
Corr. -0.045 8M/4stn Msd 0.2 1↑ 1↓

95/3710
FEB 11 0352 02.2s 38.02S 179.19E 12km M=3.8
0.6 0.03 0.04 R
Rsd 0.3s 10ph/9stn Dmin 82km Az.gap 295°
Corr. 0.135 14M/10stn Msd 0.2 1↑ 2↓

95/3711
FEB 11 0354 23.4s 38.02S 179.24E 12km M=3.8
0.9 0.03 0.06 R
Rsd 0.4s 5ph/4stn Dmin 87km Az.gap 298°
Corr. 0.097 4M/4stn Msd 0.2 1↑ 2↓

95/3712
FEB 11 0355 46.1s 38.13S 179.20E 12km M=5.0
0.5 0.02 0.03 R
Rsd 0.3s 31ph/30stn Dmin 83km Az.gap 273°
Corr. 0.025 32M/17stn Msd 0.2 3↑ 1↓

95/3714
FEB 11 0417 41.8s 38.15S 179.17E 12km M=4.4
0.3 0.02 0.01 R
Rsd 0.1s 24ph/22stn Dmin 80km Az.gap 270°
Corr. -0.215 13M/8stn Msd 0.2 2↑ 4↓

95/3715
FEB 11 0425 11.2s 38.09S 179.18E 12km M=3.6
0.4 0.02 0.02 R
Rsd 0.2s 11ph/9stn Dmin 81km Az.gap 273°
Corr. -0.059 16M/15stn Msd 0.2 1↓

95/3718
FEB 11 0429 55.4s 37.95S 179.20E 12km M=3.7
0.4 0.02 0.02 R
Rsd 0.2s 13ph/11stn Dmin 84km Az.gap 281°
Corr. -0.095 19M/17stn Msd 0.2 1↑ 1↓

95/3722
FEB 11 0447 12.3s 37.28S 179.38E 12km M=4.2
0.5 0.02 0.03 R
Rsd 0.2s 21ph/18stn Dmin 102km Az.gap 287°
Corr. -0.179 33M/28stn Msd 0.3 2↑ 1↓

95/3725
FEB 11 0455 33.3s 37.98S 179.31E 12km M=4.4
0.4 0.02 0.03 R
Rsd 0.2s 23ph/21stn Dmin 93km Az.gap 282°
Corr. 0.047 13M/7stn Msd 0.1 1↓

95/3726
FEB 11 0501 14.7s 37.39S 179.57E 12km M=3.6
0.2 0.01 0.02 R
Rsd 0.1s 7ph/5stn Dmin 115km Az.gap 309°
Corr. -0.696 4M/3stn Msd 0.5 1↓

95/3727
FEB 11 0506 11.0s 37.50S 179.37E 12km M=3.8
0.3 0.02 0.02 R
Rsd 0.2s 9ph/7stn Dmin 95km Az.gap 300°
Corr. -0.382 6M/4stn Msd 0.6 1↓

95/3730
FEB 11 0513 56.4s 37.60S 179.38E 12km M=3.6
0.3 0.02 0.02 R
Rsd 0.1s 10ph/8stn Dmin 96km Az.gap 317°
Corr. -0.181 6M/6stn Msd 0.2 1↓

95/3735
FEB 11 0609 34.2s 38.15S 179.09E 12km M=3.5
0.7 0.03 0.04 R
Rsd 0.4s 5ph/3stn Dmin 73km Az.gap 289°
Corr. -0.073 3M/3stn Msd 0.2 1↓

95/3736
FEB 11 0611 11.2s 37.87S 179.32E 12km M=3.5
0.6 0.03 0.04 R
Rsd 0.3s 6ph/4stn Dmin 95km Az.gap 303°
Corr. -0.422 5M/3stn Msd 0.5

95/3738
FEB 11 0615 30.0s 37.80S 179.03E 12km M=3.5
0.7 0.03 0.04 R
Rsd 0.4s 5ph/3stn Dmin 68km Az.gap 295°
Corr. 0.071 5M/3stn Msd 0.4 1↑

95/3740
FEB 11 0621 30.6s 37.96S 179.14E 12km M=4.5
0.6 0.02 0.04 R
Rsd 0.3s 26ph/24stn Dmin 79km Az.gap 279°
Corr. 0.090 14M/8stn Msd 0.3 1↓

95/3743
FEB 11 0633 45.8s 37.85S 179.11E 12km M=4.0
0.1 0.00 0.01 R
Rsd 0.0s 19ph/18stn Dmin 76km Az.gap 281°
Corr. -0.500 33M/31stn Msd 0.4

95/3744
FEB 11 0635 47.7s 37.85S 178.90E 12km M=3.6
0.6 0.01 0.04 R
Rsd 0.2s 10ph/9stn Dmin 59km Az.gap 284°
Corr. -0.082 6M/4stn Msd 0.2

95/3746
FEB 11 0656 46.9s 38.00S 179.20E 12km M=4.0
0.6 0.03 0.04 R
Rsd 0.3s 13ph/11stn Dmin 83km Az.gap 297°
Corr. 0.108 30M/25stn Msd 0.2

95/3748
FEB 11 0713 56.7s 38.13S 179.19E 12km M=4.0
0.6 0.03 0.04 R
Rsd 0.3s 13ph/12stn Dmin 82km Az.gap 273°
Corr. 0.019 26M/21stn Msd 0.2 1↑

95/3750
FEB 11 0725 12.2s 37.40S 179.38E 12km M=4.1
0.4 0.02 0.03 R
Rsd 0.2s 18ph/17stn Dmin 98km Az.gap 287°
Corr. -0.322 37M/32stn Msd 0.3 1↓

95/3755
FEB 11 0803 36.5s 38.02S 179.17E 12km M=3.7
0.6 0.02 0.04 R
Rsd 0.3s 12ph/11stn Dmin 81km Az.gap 279°
Corr. 0.067 13M/12stn Msd 0.2

95/3765
FEB 11 0909 49.3s 37.89S 179.34E 12km M=3.7
0.7 0.04 0.04 R
Rsd 0.4s 11ph/8stn Dmin 97km Az.gap 295°
Corr. -0.078 3M/3stn Msd 0.2 1↑ 1↓

95/3767
FEB 11 0915 52.6s 38.01S 179.32E 12km M=3.6
0.9 0.04 0.05 R
Rsd 0.5s 7ph/5stn Dmin 93km Az.gap 288°
Corr. 0.205 6M/4stn Msd 0.2 1↑

95/3770
FEB 11 0930 14.5s 37.77S 179.36E 12km M=3.6
0.8 0.04 0.05 R
Rsd 0.4s 8ph/6stn Dmin 95km Az.gap 302°
Corr. -0.137 4M/4stn Msd 0.3

95/3774
FEB 11 0941 27.4s 37.95S 179.33E 12km M=4.1
0.7 0.03 0.05 R
Rsd 0.3s 24ph/21stn Dmin 95km Az.gap 283°
Corr. 0.067 38M/32stn Msd 0.2 1↑ 1↓

95/3775
FEB 11 0945 53.8s 37.98S 179.27E 12km M=4.3
0.4 0.03 0.03 R
Rsd 0.3s 17ph/15stn Dmin 90km Az.gap 282°
Corr. -0.014 11M/7stn Msd 0.2 1↑

95/3778
FEB 11 0956 05.1s 37.84S 179.36E 12km M=3.9
0.4 0.03 0.02 R
Rsd 0.2s 16ph/14stn Dmin 97km Az.gap 284°
Corr. -0.249 29M/25stn Msd 0.2 1↑ 2↓

95/3780
FEB 11 1002 49.9s 38.57S 175.56E 191km M=3.6
0.2 0.01 0.02 2
Rsd 0.1s 18ph/16stn Dmin 67km Az.gap 314°
Corr. 0.628 12M/12stn Msd 0.2

95/3784
FEB 11 1029 30.9s 37.80S 179.46E 12km M=4.5
0.2 0.01 0.01 R
Rsd 0.1s 25ph/22stn Dmin 105km Az.gap 285°
Corr. -0.061 12M/6stn Msd 0.2 1↑ 3↓

95/3789
FEB 11 1105 01.6s 37.85S 179.38E 12km M=4.0
0.3 0.02 0.02 R
Rsd 0.2s 31ph/29stn Dmin 100km Az.gap 292°
Corr. -0.079 40M/35stn Msd 0.2 1↑ 8↓

95/3792
FEB 11 1110 03.8s 38.02S 179.26E 12km M=3.7
0.8 0.04 0.05 R
Rsd 0.6s 8ph/5stn Dmin 88km Az.gap 286°
Corr. 0.198 4M/4stn Msd 0.1 1↑ 1↓

95/3796
FEB 11 1118 54.1s 38.01S 179.22E 12km M=4.7
0.4 0.02 0.03 R
Rsd 0.3s 33ph/30stn Dmin 85km Az.gap 279°
Corr. 0.003 23M/13stn Msd 0.2 6↑ 2↓

95/3797
FEB 11 1121 26.2s 38.01S 179.17E 12km M=3.8
0.5 0.02 0.03 R
Rsd 0.3s 6ph/4stn Dmin 81km Az.gap 295°
Corr. 0.054 5M/5stn Msd 0.1 1↑ 1↓

95/3803
FEB 11 1155 16.8s 38.18S 179.17E 12km M=4.0
0.8 0.03 0.05 R
Rsd 0.6s 10ph/6stn Dmin 81km Az.gap 272°
Corr. 0.243 5M/3stn Msd 0.2 1↓

95/3805
FEB 11 1201 58.7s 38.03S 179.22E 12km M=3.8
0.6 0.03 0.03 R
Rsd 0.3s 11ph/8stn Dmin 85km Az.gap 281°
Corr. -0.110 12M/8stn Msd 0.1 1↓

95/3806
FEB 11 1214 12.6s 38.02S 179.16E 12km M=3.7
0.6 0.04 0.03 R
Rsd 0.4s 6ph/4stn Dmin 79km Az.gap 294°
Corr. -0.006 4M/3stn Msd 0.2

95/3809
FEB 11 1232 57.4s 38.11S 179.13E 12km M=4.0
0.5 0.03 0.03 R
Rsd 0.3s 12ph/10stn Dmin 77km Az.gap 271°
Corr. -0.083 24M/21stn Msd 0.2 1↑

95/3810
FEB 11 1235 37.3s 38.16S 179.16E 12km M=3.6
0.9 0.03 0.05 R
Rsd 0.5s 7ph/4stn Dmin 80km Az.gap 276°
Corr. 0.151 3M/3stn Msd 0.1

95/3813
FEB 11 1246 32.9s 37.75S 179.47E 12km M=3.9
0.4 0.03 0.02 R
Rsd 0.2s 17ph/14stn Dmin 104km Az.gap 288°
Corr. -0.200 15M/12stn Msd 0.2 4↑ 3↓

95/3815
FEB 11 1308 51.5s 38.16S 179.25E 12km M=3.7
0.4 0.03 0.02 R
Rsd 0.2s 14ph/11stn Dmin 88km Az.gap 272°
Corr. 0.045 12M/11stn Msd 0.2 2↑ 2↓

95/3816
FEB 11 1313 47.7s 37.70S 179.47E 12km M=3.6
0.2 0.01 0.01 R
Rsd 0.1s 10ph/8stn Dmin 104km Az.gap 304°
Corr. -0.110 9M/9stn Msd 0.2 1↓

95/3821
FEB 11 1332 20.0s 38.03S 179.22E 12km M=3.9
0.5 0.03 0.03 R
Rsd 0.3s 12ph/10stn Dmin 85km Az.gap 281°
Corr. 0.010 16M/16stn Msd 0.2 1↑ 1↓

95/3822
FEB 11 1336 04.6s 37.83S 179.39E 12km M=3.9
0.4 0.03 0.03 R
Rsd 0.3s 12ph/10stn Dmin 99km Az.gap 296°
Corr. -0.166 19M/15stn Msd 0.3 1↑ 2↓

95/3826
FEB 11 1402 47.3s 38.09S 179.23E 12km M=4.3
0.4 0.02 0.03 R
Rsd 0.3s 18ph/16stn Dmin 86km Az.gap 276°
Corr. 0.013 10M/6stn Msd 0.2 3↑ 1↓

95/3828
FEB 11 1421 11.7s 37.82S 179.52E 12km M=3.5
0.6 0.03 0.03 R
Rsd 0.3s 9ph/6stn Dmin 110km Az.gap 298°
Corr. 0.093 4M/4stn Msd 0.3

95/3829
FEB 11 1444 04.5s 37.77S 179.48E 12km M=5.5
0.2 0.02 0.02 R
Rsd 0.2s 42ph/39stn Dmin 106km Az.gap 286°
Corr. -0.219 40M/22stn Msd 0.3 1↓

95/3830
FEB 11 1447 19.1s 37.46S 179.44E 12km M=3.7
0.4 0.02 0.03 R
Rsd 0.1s 11ph/9stn Dmin 102km Az.gap 291°
Corr. -0.556 13M/13stn Msd 0.2

95/3831
FEB 11 1449 39.7s 37.83S 179.43E 12km M=4.0
0.3 0.02 0.02 R
Rsd 0.2s 13ph/11stn Dmin 103km Az.gap 310°
Corr. -0.141 5M/4stn Msd 0.2 1↑ 1↓

95/3832
FEB 11 1453 39.3s 37.79S 179.47E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.2s 18ph/15stn Dmin 105km Az.gap 290°
Corr. 0.112 17M/17stn Msd 0.2 1↓

95/3833
FEB 11 1454 49.4s 37.81S 179.49E 12km M=4.5
0.3 0.02 0.02 R
Rsd 0.2s 28ph/26stn Dmin 107km Az.gap 285°
Corr. 0.040 12M/6stn Msd 0.1

95/3834
FEB 11 1456 24.0s 37.75S 179.49E 12km M=4.1
0.5 0.03 0.03 R
Rsd 0.3s 11ph/8stn Dmin 107km Az.gap 286°
Corr. -0.465 24M/18stn Msd 0.3

95/3836
FEB 11 1500 01.7s 37.87S 179.15E 12km M=4.0
0.5 0.02 0.03 R
Rsd 0.3s 17ph/16stn Dmin 81km Az.gap 281°
Corr. 0.002 27M/20stn Msd 0.2 2↑ 1↓

95/3837
FEB 11 1501 10.0s 37.85S 179.34E 12km M=4.3
0.7 0.04 0.04 R
Rsd 0.4s 13ph/10stn Dmin 96km Az.gap 290°
Corr. -0.139 8M/4stn Msd 0.1 1↓

95/3840
FEB 11 1508 10.3s 37.82S 179.49E 12km M=3.8
0.3 0.02 0.02 R
Rsd 0.1s 11ph/9stn Dmin 108km Az.gap 298°
Corr. -0.086 3M/3stn Msd 0.3

95/3844
FEB 11 1524 42.9s 37.79S 179.45E 12km M=4.1
0.3 0.02 0.02 R
Rsd 0.2s 22ph/19stn Dmin 103km Az.gap 285°
Corr. -0.111 38M/31stn Msd 0.3 2↑ 3↓

95/3845
FEB 11 1527 36.0s 37.85S 179.27E 12km M=3.9
0.6 0.03 0.04 R
Rsd 0.3s 12ph/9stn Dmin 90km Az.gap 287°
Corr. -0.247 17M/14stn Msd 0.2 1↓

95/3846
FEB 11 1527 43.5s 37.92S 179.50E 12km M=4.2
0.6 0.04 0.03 R
Rsd 0.3s 13ph/9stn Dmin 110km Az.gap 289°
Corr. -0.033 21M/16stn Msd 0.2

95/3847
FEB 11 1528 42.3s 37.99S 179.27E 12km M=3.6
0.8 0.04 0.04 R
Rsd 0.5s 7ph/5stn Dmin 90km Az.gap 288°
Corr. -0.011 8M/8stn Msd 0.2

95/3849
FEB 11 1537 01.5s 37.83S 179.29E 12km M=4.2
0.6 0.03 0.03 R
Rsd 0.4s 15ph/12stn Dmin 91km Az.gap 283°
Corr. -0.027 8M/5stn Msd 0.1 1↓

95/3850
FEB 11 1541 48.1s 37.86S 179.47E 12km M=3.8
0.6 0.04 0.03 R
Rsd 0.4s 7ph/5stn Dmin 107km Az.gap 300°
Corr. 0.116 5M/3stn Msd 0.5

95/3853
FEB 11 1551 22.6s 37.44S 179.39E 12km M=3.6
1.3 0.07 0.08 R
Rsd 0.6s 8ph/5stn Dmin 98km Az.gap 320°
Corr. 0.028 6M/4stn Msd 0.2

95/3854
FEB 11 1553 47.5s 37.80S 179.45E 12km M=3.5
1.2 0.07 0.07 R
Rsd 0.8s 8ph/6stn Dmin 104km Az.gap 302°
Corr. 0.039 6M/4stn Msd 0.2

95/3856
FEB 11 1558 28.9s 37.73S 179.34E 12km M=3.6
0.4 0.02 0.02 R
Rsd 0.2s 5ph/3stn Dmin 93km Az.gap 310°
Corr. -0.282 5M/3stn Msd 0.5

95/3857
FEB 11 1619 47.2s 38.00S 179.35E 12km M=3.6
1.0 0.05 0.06 R
Rsd 0.7s 9ph/7stn Dmin 96km Az.gap 285°
Corr. 0.432 5M/3stn Msd 0.4

95/3860
FEB 11 1627 04.8s 37.78S 179.72E 12km M=3.6
2.3 0.08 0.16 R
Rsd 0.7s 5ph/4stn Dmin 126km Az.gap 307°
Corr. 0.359 4M/4stn Msd 0.5

95/3861
FEB 11 1635 56.0s 37.36S 179.23E 12km M=3.9
0.5 0.03 0.04 R
Rsd 0.2s 11ph/7stn Dmin 86km Az.gap 286°
Corr. -0.446 20M/18stn Msd 0.2

95/3866
FEB 11 1737 15.2s 37.81S 179.45E 12km M=5.0
0.3 0.02 0.02 R
Rsd 0.2s 38ph/34stn Dmin 104km Az.gap 285°
Corr. -0.116 25M/13stn Msd 0.2 6↑ 9↓

95/3868
FEB 11 1739 49.6s 38.03S 179.55E 12km M=3.6
1.1 0.07 0.06 R
Rsd 0.6s 6ph/4stn Dmin 114km Az.gap 310°
Corr. -0.001 9M/9stn Msd 0.2

95/3869
FEB 11 1744 59.7s 37.81S 179.48E 12km M=4.5
0.3 0.02 0.02 R
Rsd 0.2s 28ph/25stn Dmin 106km Az.gap 285°
Corr. -0.110 8M/5stn Msd 0.2 2↑ 6↓

95/3871
FEB 11 1749 04.2s 37.77S 179.36E 12km M=3.7
0.8 0.04 0.05 R
Rsd 0.4s 7ph/5stn Dmin 95km Az.gap 309°
Corr. 0.034 3M/3stn Msd 0.2 1↑ 1↓

95/3872
FEB 11 1750 41.4s 37.81S 179.42E 12km M=3.5
0.5 0.03 0.03 R
Rsd 0.3s 8ph/6stn Dmin 102km Az.gap 310°
Corr. -0.165 5M/5stn Msd 0.2 1↑ 2↓

95/3875
FEB 11 1756 57.1s 37.84S 179.46E 12km M=5.0
0.3 0.03 0.02 R
Rsd 0.2s 31ph/27stn Dmin 106km Az.gap 285°
Corr. -0.358 21M/12stn Msd 0.2 5↑ 6↓

95/3878
FEB 11 1809 36.6s 37.86S 179.46E 12km M=3.6
0.5 0.03 0.02 R
Rsd 0.2s 7ph/5stn Dmin 106km Az.gap 331°
Corr. -0.605 4M/4stn Msd 0.1

95/3879
FEB 11 1810 42.0s 37.90S 179.48E 12km M=3.6
0.9 0.04 0.05 R
Rsd 0.3s 7ph/5stn Dmin 109km Az.gap 297°
Corr. -0.306 4M/4stn Msd 0.3

95/3880
FEB 11 1815 12.1s 38.13S 179.20E 12km M=3.9
0.5 0.03 0.03 R
Rsd 0.2s 13ph/10stn Dmin 83km Az.gap 273°
Corr. -0.121 20M/19stn Msd 0.2 1↑ 1↓

95/3881
FEB 11 1831 01.8s 37.82S 179.43E 12km M=3.7
0.5 0.03 0.03 R
Rsd 0.3s 9ph/7stn Dmin 102km Az.gap 305°
Corr. -0.295 5M/5stn Msd 0.3 1↓

95/3884
FEB 11 1854 00.4s 37.60S 179.40E 12km M=3.7
0.4 0.02 0.02 R
Rsd 0.2s 8ph/6stn Dmin 97km Az.gap 316°
Corr. -0.409 5M/5stn Msd 0.2

95/3886
FEB 11 1858 32.8s 37.54S 179.48E 12km M=3.9
0.4 0.02 0.03 R
Rsd 0.2s 10ph/8stn Dmin 105km Az.gap 286°
Corr. -0.344 16M/13stn Msd 0.2 1↑ 1↓

95/3887
FEB 11 1859 17.8s 37.83S 179.42E 12km M=3.6
0.5 0.03 0.03 R
Rsd 0.2s 6ph/4stn Dmin 102km Az.gap 331°
Corr. -0.635 5M/4stn Msd 0.2

95/3888
FEB 11 1902 31.8s 37.83S 179.44E 12km M=3.5
0.4 0.02 0.02 R
Rsd 0.2s 7ph/6stn Dmin 104km Az.gap 310°
Corr. 0.015 4M/4stn Msd 0.3 1↓

95/3889
FEB 11 1905 06.3s 37.74S 179.43E 12km M=3.5
0.7 0.03 0.04 R
Rsd 0.3s 6ph/5stn Dmin 101km Az.gap 312°
Corr. 0.026 4M/4stn Msd 0.3 1↑ 1↓

95/3890
FEB 11 1913 46.0s 37.85S 179.46E 12km M=3.6
1.0 0.06 0.06 R
Rsd 0.4s 5ph/4stn Dmin 106km Az.gap 332°
Corr. -0.494 3M/3stn Msd 0.1 1↓

95/3891
FEB 11 1924 12.4s 37.80S 179.48E 12km M=3.6
0.6 0.04 0.04 R
Rsd 0.3s 9ph/8stn Dmin 106km Az.gap 312°
Corr. -0.155 4M/4stn Msd 0.2

95/3892
FEB 11 1928 20.7s 37.84S 179.44E 12km M=3.8
0.6 0.03 0.03 R
Rsd 0.3s 7ph/6stn Dmin 104km Az.gap 310°
Corr. -0.006 5M/5stn Msd 0.2 1↑ 2↓

95/3893
FEB 11 1950 18.8s 37.90S 179.37E 12km M=4.2
0.5 0.02 0.03 R
Rsd 0.2s 12ph/10stn Dmin 100km Az.gap 284°
Corr. 0.160 25M/21stn Msd 0.2 1↓

95/3895
FEB 11 2031 54.6s 37.50S 179.54E 12km M=3.8
0.9 0.05 0.06 R
Rsd 0.3s 7ph/6stn Dmin 110km Az.gap 311°
Corr. -0.523 5M/5stn Msd 0.3

95/3896
FEB 11 2040 15.9s 38.20S 179.15E 12km M=3.8
0.7 0.02 0.05 R
Rsd 0.4s 8ph/6stn Dmin 80km Az.gap 275°
Corr. 0.118 4M/4stn Msd 0.2

95/3899
FEB 11 2057 05.3s 37.84S 179.47E 12km M=3.7
0.6 0.03 0.04 R
Rsd 0.3s 10ph/9stn Dmin 106km Az.gap 297°
Corr. 0.071 10M/10stn Msd 0.2 1↓

95/3900
FEB 11 2103 40.1s 37.87S 179.32E 12km M=4.0
0.6 0.03 0.04 R
Rsd 0.3s 14ph/13stn Dmin 95km Az.gap 284°
Corr. 0.138 29M/22stn Msd 0.2 1↑ 1↓

95/3908
FEB 11 2128 46.8s 43.08S 171.41E 5km M=3.6
0.1 0.01 0.01 R
Rsd 0.2s 16ph/11stn Dmin 55km Az.gap 127°
Corr. -0.581 36M/30stn Msd 0.3 2↑ 1↓

95/3909
FEB 11 2136 06.3s 37.27S 179.37E 12km M=3.8
0.1 0.01 0.01 R
Rsd 0.0s 10ph/8stn Dmin 101km Az.gap 291°
Corr. -0.258 6M/6stn Msd 0.2 1↑ 1↓

95/3910
FEB 11 2143 09.5s 37.68S 179.27E 12km M=4.1
0.4 0.02 0.02 R
Rsd 0.2s 11ph/9stn Dmin 86km Az.gap 285°
Corr. -0.026 8M/4stn Msd 0.2

95/3911
FEB 11 2152 28.2s 37.92S 179.34E 12km M=3.7
0.6 0.04 0.03 R
Rsd 0.4s 10ph/8stn Dmin 97km Az.gap 293°
Corr. 0.098 6M/5stn Msd 0.2

95/3913
FEB 11 2158 31.7s 37.97S 179.26E 12km M=4.2
0.4 0.02 0.02 R
Rsd 0.2s 17ph/15stn Dmin 88km Az.gap 284°
Corr. -0.069 8M/4stn Msd 0.1 1↓

95/3914
FEB 11 2159 42.6s 37.66S 179.34E 12km M=3.8
0.7 0.04 0.04 R
Rsd 0.3s 10ph/8stn Dmin 92km Az.gap 304°
Corr. -0.085 4M/4stn Msd 0.3 1↓

95/3917
FEB 11 2212 10.7s 37.83S 179.43E 12km M=3.9
0.4 0.02 0.02 R
Rsd 0.2s 10ph/8stn Dmin 103km Az.gap 310°
Corr. -0.171 11M/7stn Msd 0.2 1↑ 1↓

95/3921
FEB 11 2253 36.2s 37.77S 179.65E 12km M=4.9
2.0 0.05 0.14 R
Rsd 0.2s 24ph/24stn Dmin 120km Az.gap 287°
Corr. 0.865 24M/13stn Msd 0.2 1↑ 1↓

95/3922
FEB 11 2259 20.7s 37.42S 179.39E 12km M=3.9
0.4 0.03 0.03 R
Rsd 0.2s 11ph/9stn Dmin 98km Az.gap 287°
Corr. -0.441 9M/8stn Msd 0.2

95/3925
FEB 11 2311 47.4s 37.85S 179.46E 12km M=4.0
0.4 0.02 0.02 R
Rsd 0.2s 12ph/10stn Dmin 105km Az.gap 295°
Corr. -0.201 18M/13stn Msd 0.3 1↑ 2↓

95/3933
FEB 12 0011 23.4s 37.63S 179.32E 12km M=3.5
0.1 0.01 0.01 R
Rsd 0.1s 5ph/3stn Dmin 90km Az.gap 330°
Corr. -0.644 2M/2stn Msd 0.4 1↑

95/3935
FEB 12 0016 11.2s 38.02S 179.13E 12km M=3.7
0.6 0.03 0.04 R
Rsd 0.3s 4ph/3stn Dmin 77km Az.gap 293°
Corr. -0.125 4M/3stn Msd 0.2

95/3937
FEB 12 0036 47.3s 38.17S 179.09E 12km M=3.9
0.5 0.02 0.03 R
Rsd 0.3s 13ph/11stn Dmin 74km Az.gap 266°
Corr. -0.116 19M/17stn Msd 0.2 1↑ 1↓

95/3938
FEB 12 0046 45.2s 37.89S 179.41E 12km M=3.7
1.0 0.05 0.06 R
Rsd 0.5s 9ph/8stn Dmin 103km Az.gap 293°
Corr. 0.362 8M/6stn Msd 0.2 1↑ 1↓

95/3939
FEB 12 0049 11.3s 37.81S 179.05E 12km M=4.3
0.6 0.02 0.04 R
Rsd 0.3s 10ph/9stn Dmin 70km Az.gap 295°
Corr. 0.209 12M/6stn Msd 0.1 1↑

95/3940
FEB 12 0124 00.5s 37.84S 179.40E 12km M=4.9
0.4 0.02 0.03 R
Rsd 0.2s 36ph/33stn Dmin 100km Az.gap 284°
Corr. 0.125 30M/16stn Msd 0.2 1↓

95/3941
FEB 12 0139 33.8s 37.85S 179.45E 12km M=5.2
0.3 0.02 0.02 R
Rsd 0.2s 35ph/34stn Dmin 105km Az.gap 285°
Corr. -0.116 36M/19stn Msd 0.2 1↑ 3↓

95/3942
FEB 12 0141 34.5s 37.85S 179.46E 12km M=3.6
0.5 0.03 0.03 R
Rsd 0.2s 10ph/9stn Dmin 106km Az.gap 306°
Corr. -0.300 3M/3stn Msd 0.4

95/3943
FEB 12 0148 52.0s 37.85S 179.44E 12km M=4.0
0.3 0.02 0.02 R
Rsd 0.2s 14ph/13stn Dmin 104km Az.gap 285°
Corr. -0.047 21M/18stn Msd 0.2 1↓

95/3944
FEB 12 0151 00.9s 37.85S 179.39E 12km M=3.8
0.4 0.02 0.02 R
Rsd 0.2s 4ph/3stn Dmin 100km Az.gap 308°
Corr. -0.082 4M/3stn Msd 0.2

95/3945
FEB 12 0151 29.1s 37.82S 179.32E 12km M=4.2
0.2 0.01 0.01 R
Rsd 0.1s 4ph/3stn Dmin 93km Az.gap 306°
Corr. -0.136 5M/3stn Msd 0.3

95/3946
FEB 12 0153 04.1s 37.85S 179.41E 12km M=3.5
0.9 0.04 0.05 R
Rsd 0.4s 7ph/6stn Dmin 101km Az.gap 298°
Corr. -0.100 4M/3stn Msd 0.3 1↑

95/3947
FEB 12 0153 30.5s 37.79S 179.39E 12km M=3.5
0.4 0.02 0.02 R
Rsd 0.2s 4ph/3stn Dmin 98km Az.gap 310°
Corr. -0.255 3M/3stn Msd 0.3

95/3948
FEB 12 0154 30.6s 37.77S 179.47E 12km M=4.1
0.3 0.01 0.02 R
Rsd 0.1s 7ph/5stn Dmin 105km Az.gap 313°
Corr. 0.137 9M/5stn Msd 0.3 1↓

95/3949
FEB 12 0156 23.0s 37.82S 179.45E 12km M=4.5
0.5 0.02 0.03 R
Rsd 0.2s 21ph/19stn Dmin 104km Az.gap 285°
Corr. 0.181 12M/8stn Msd 0.2 1↑ 2↓

95/3952
FEB 12 0216 31.0s 39.77S 175.63E 20km M=3.8
0.1 0.01 0.01 1
Rsd 0.2s 40ph/32stn Dmin 55km Az.gap 113°
Corr. 0.241 37M/31stn Msd 0.2 8↑ 2↓
Felt Moawhango (58) MM4.

95/3953
FEB 12 0219 51.3s 37.81S 179.04E 12km M=3.6
0.9 0.04 0.06 R
Rsd 0.5s 7ph/5stn Dmin 69km Az.gap 294°
Corr. 0.015 4M/4stn Msd 0.2 1↓

95/3955
FEB 12 0235 01.4s 37.56S 179.48E 12km M=3.7
0.4 0.03 0.03 R
Rsd 0.2s 11ph/9stn Dmin 105km Az.gap 334°
Corr. -0.592 6M/6stn Msd 0.2

95/3956
FEB 12 0244 25.1s 37.83S 179.46E 12km M=5.5
0.3 0.02 0.02 R
Rsd 0.2s 42ph/40stn Dmin 105km Az.gap 285°
Corr. -0.217 39M/21stn Msd 0.3 7↑ 8↓

95/3957
FEB 12 0247 20.5s 37.81S 179.44E 12km M=3.8
0.3 0.02 0.02 R
Rsd 0.2s 14ph/12stn Dmin 103km Az.gap 285°
Corr. -0.320 7M/7stn Msd 0.3 1↓

95/3958
FEB 12 0251 17.5s 37.78S 179.46E 12km M=5.4
0.3 0.02 0.02 R
Rsd 0.2s 42ph/39stn Dmin 104km Az.gap 285°
Corr. -0.144 35M/19stn Msd 0.3 6↑ 5↓
Felt Rukuhanga Stn (29).

95/3959
FEB 12 0255 06.6s 37.80S 179.47E 12km M=4.3
0.5 0.03 0.03 R
Rsd 0.3s 12ph/10stn Dmin 106km Az.gap 290°
Corr. -0.059 24M/18stn Msd 0.2 3↑ 2↓

95/3960
FEB 12 0256 08.1s 37.80S 179.46E 12km M=4.7
0.4 0.02 0.02 R
Rsd 0.2s 14ph/11stn Dmin 105km Az.gap 287°
Corr. -0.112 8M/4stn Msd 0.2 1↑ 2↓

95/3962
FEB 12 0258 02.1s 37.83S 179.30E 12km M=3.7
1.3 0.04 0.09 R
Rsd 0.4s 6ph/5stn Dmin 92km Az.gap 289°
Corr. 0.425 2M/2stn Msd 0.1

95/3963
FEB 12 0304 04.7s 37.80S 179.44E 12km M=4.1
0.3 0.02 0.02 R
Rsd 0.2s 12ph/10stn Dmin 103km Az.gap 302°
Corr. -0.114 12M/7stn Msd 0.2 1↓

95/3964
FEB 12 0306 36.1s 37.82S 179.44E 12km M=3.7
0.1 0.01 0.01 R
Rsd 0.1s 10ph/8stn Dmin 104km Az.gap 310°
Corr. -0.125 5M/5stn Msd 0.2 1↑ 2↓

95/3965
FEB 12 0308 11.1s 37.83S 179.48E 12km M=4.0
0.3 0.02 0.02 R
Rsd 0.1s 16ph/14stn Dmin 107km Az.gap 294°
Corr. -0.365 17M/12stn Msd 0.2 1↓

95/3968
FEB 12 0325 37.8s 37.80S 179.45E 12km M=3.9
0.4 0.03 0.03 R
Rsd 0.2s 14ph/12stn Dmin 104km Az.gap 302°
Corr. -0.188 12M/8stn Msd 0.2 1↓

95/3969
FEB 12 0328 58.9s 37.82S 179.43E 12km M=4.4
0.2 0.01 0.01 R
Rsd 0.1s 12ph/10stn Dmin 103km Az.gap 297°
Corr. -0.168 10M/6stn Msd 0.1 1↓

95/3970
FEB 12 0342 43.3s 37.83S 179.51E 12km M=3.8
1.0 0.05 0.05 R
Rsd 0.4s 7ph/5stn Dmin 110km Az.gap 302°
Corr. -0.210 5M/4stn Msd 0.4

95/3971
FEB 12 0346 46.7s 37.82S 179.42E 12km M=3.6
0.8 0.04 0.05 R
Rsd 0.3s 6ph/5stn Dmin 102km Az.gap 310°
Corr. -0.020 3M/3stn Msd 0.3

95/3977
FEB 12 0408 08.8s 37.84S 179.30E 12km M=3.6
0.5 0.03 0.03 R
Rsd 0.3s 6ph/4stn Dmin 92km Az.gap 305°
Corr. -0.420 3M/3stn Msd 0.1 1↓

95/3978
FEB 12 0409 28.2s 37.80S 179.40E 12km M=4.1
0.4 0.02 0.02 R
Rsd 0.2s 10ph/8stn Dmin 100km Az.gap 299°
Corr. -0.021 9M/5stn Msd 0.2

95/3979
FEB 12 0419 18.3s 37.94S 179.18E 12km M=3.5
0.1 0.00 0.00 R
Rsd 0.0s 5ph/3stn Dmin 82km Az.gap 297°
Corr. -0.049 3M/3stn Msd 0.2 2↑ 1↓

95/3980
FEB 12 0435 19.3s 37.80S 179.45E 12km M=3.8
0.2 0.02 0.01 R
Rsd 0.2s 14ph/12stn Dmin 104km Az.gap 296°
Corr. -0.210 17M/17stn Msd 0.2 1↑ 1↓

95/3983
FEB 12 0445 17.9s 37.75S 179.38E 12km M=3.6
0.6 0.03 0.03 R
Rsd 0.3s 5ph/3stn Dmin 97km Az.gap 310°
Corr. -0.439 4M/3stn Msd 0.5 1↓

95/3986
FEB 12 0502 09.9s 37.78S 179.54E 12km M=3.8
0.5 0.03 0.03 R
Rsd 0.3s 10ph/8stn Dmin 111km Az.gap 297°
Corr. -0.264 6M/4stn Msd 0.2 1↑ 2↓

95/3987
FEB 12 0502 14.3s 37.70S 179.41E 12km M=4.2
0.6 0.04 0.03 R
Rsd 0.3s 7ph/5stn Dmin 98km Az.gap 313°
Corr. -0.469 6M/4stn Msd 0.5

95/3989
FEB 12 0504 22.1s 37.79S 179.37E 12km M=3.7
0.4 0.03 0.03 R
Rsd 0.2s 7ph/5stn Dmin 97km Az.gap 309°
Corr. -0.424 4M/3stn Msd 0.5 1↑

95/3990
FEB 12 0507 08.5s 37.85S 179.48E 12km M=4.0
0.4 0.03 0.03 R
Rsd 0.2s 13ph/11stn Dmin 107km Az.gap 294°
Corr. -0.312 21M/19stn Msd 0.2 1↑ 1↓

95/3991
FEB 12 0508 53.7s 37.86S 179.40E 12km M=3.8
0.4 0.03 0.02 R
Rsd 0.2s 7ph/5stn Dmin 101km Az.gap 308°
Corr. -0.358 5M/4stn Msd 0.2 1↑ 1↓

95/3992
FEB 12 0509 22.7s 37.86S 178.68E 12km M=3.5
0.2 0.01 0.01 R
Rsd 0.1s 5ph/3stn Dmin 44km Az.gap 262°
Corr. -0.421 5M/3stn Msd 0.2

95/3996
FEB 12 0559 49.2s 37.83S 179.25E 12km M=3.7
0.4 0.02 0.02 R
Rsd 0.2s 5ph/3stn Dmin 88km Az.gap 303°
Corr. -0.410 4M/3stn Msd 0.2

95/4000
FEB 12 0616 58.2s 37.84S 179.39E 12km M=4.1
0.4 0.02 0.02 R
Rsd 0.2s 9ph/7stn Dmin 99km Az.gap 299°
Corr. -0.273 10M/6stn Msd 0.3

95/4004
FEB 12 0644 10.8s 37.83S 179.42E 12km M=4.1
0.3 0.02 0.02 R
Rsd 0.2s 19ph/17stn Dmin 102km Az.gap 293°
Corr. -0.101 34M/28stn Msd 0.2 1↑ 2↓

95/4006
FEB 12 0709 39.0s 37.62S 179.36E 12km M=5.1
0.3 0.02 0.02 R
Rsd 0.2s 32ph/30stn Dmin 94km Az.gap 285°
Corr. -0.491 26M/14stn Msd 0.2 1↑

95/4008
FEB 12 0804 01.9s 37.86S 179.47E 12km M=3.8
0.6 0.04 0.03 R
Rsd 0.3s 9ph/7stn Dmin 107km Az.gap 299°
Corr. -0.075 7M/5stn Msd 0.5

95/4009
FEB 12 0811 32.6s 37.44S 179.43E 12km M=3.7
0.2 0.01 0.01 R
Rsd 0.1s 12ph/10stn Dmin 102km Az.gap 318°
Corr. -0.343 7M/7stn Msd 0.3 1↓

95/4010
FEB 12 0817 21.2s 37.81S 179.41E 12km M=4.1
0.1 0.01 0.01 R
Rsd 0.1s 10ph/8stn Dmin 100km Az.gap 297°
Corr. -0.158 13M/8stn Msd 0.2 1↑ 2↓

95/4011
FEB 12 0824 46.5s 37.82S 179.43E 12km M=4.0
0.5 0.03 0.03 R
Rsd 0.3s 11ph/9stn Dmin 102km Az.gap 295°
Corr. -0.100 10M/8stn Msd 0.3 1↓

95/4014
FEB 12 0900 45.9s 38.05S 178.99E 12km M=3.5
0.4 0.02 0.02 R
Rsd 0.2s 7ph/5stn Dmin 65km Az.gap 273°
Corr. -0.028 5M/4stn Msd 0.2 1↓

95/4015
FEB 12 0902 41.2s 37.83S 179.44E 12km M=4.1
0.3 0.02 0.02 R
Rsd 0.2s 20ph/18stn Dmin 104km Az.gap 289°
Corr. -0.154 28M/22stn Msd 0.2 1↓

95/4019
FEB 12 0907 41.5s 37.83S 179.42E 12km M=3.6
0.3 0.02 0.02 R
Rsd 0.2s 12ph/10stn Dmin 102km Az.gap 294°
Corr. -0.285 8M/8stn Msd 0.2 1↓

95/4020
FEB 12 0914 23.1s 37.81S 179.40E 12km M=3.6
0.4 0.02 0.02 R
Rsd 0.2s 10ph/8stn Dmin 100km Az.gap 297°
Corr. -0.256 5M/4stn Msd 0.2 1↓

95/4021
FEB 12 0915 51.5s 37.84S 179.42E 12km M=4.2
0.2 0.01 0.01 R
Rsd 0.1s 13ph/11stn Dmin 102km Az.gap 287°
Corr. -0.167 18M/11stn Msd 0.2 1↑ 2↓

95/4023
FEB 12 0929 01.2s 37.83S 179.41E 12km M=3.6
0.4 0.03 0.02 R
Rsd 0.2s 11ph/8stn Dmin 101km Az.gap 300°
Corr. -0.375 6M/5stn Msd 0.2

95/4028
FEB 12 0941 16.1s 37.12S 177.44E 5km M=4.1
0.2 0.02 0.01 R
Rsd 0.3s 19ph/15stn Dmin 50km Az.gap 200°
Corr. 0.661 12M/7stn Msd 0.3 4↑ 2↓

95/4030
FEB 12 0956 00.3s 37.76S 179.31E 12km M=4.5
0.4 0.03 0.03 R
Rsd 0.2s 11ph/9stn Dmin 99km Az.gap 307°
Corr. -0.445 11M/6stn Msd 0.1 1↑

95/4032
FEB 12 1004 40.2s 37.82S 179.48E 12km M=4.0
0.4 0.03 0.03 R
Rsd 0.2s 13ph/11stn Dmin 107km Az.gap 295°
Corr. -0.211 18M/14stn Msd 0.2 1↑

95/4033
FEB 12 1009 21.4s 38.01S 179.23E 12km M=3.8
0.6 0.03 0.03 R
Rsd 0.3s 12ph/10stn Dmin 85km Az.gap 285°
Corr. -0.024 12M/9stn Msd 0.2 1↓

95/4034
FEB 12 1038 28.9s 38.05S 179.17E 12km M=3.7
0.0 0.00 0.00 R
Rsd 0.0s 5ph/3stn Dmin 80km Az.gap 294°
Corr. -0.345 3M/3stn Msd 0.3 1↑ 1↓

95/4036
FEB 12 1039 39.9s 37.78S 179.51E 12km M=3.6
0.3 0.03 0.02 R
Rsd 0.2s 9ph/7stn Dmin 109km Az.gap 304°
Corr. -0.173 3M/3stn Msd 0.4

95/4039
FEB 12 1047 39.2s 37.60S 179.43E 12km M=5.0
0.2 0.02 0.02 R
Rsd 0.1s 27ph/25stn Dmin 100km Az.gap 291°
Corr. -0.343 18M/9stn Msd 0.2 3↑ 3↓

95/4040
FEB 12 1049 05.3s 37.59S 179.40E 12km M=4.1
0.6 0.04 0.04 R
Rsd 0.2s 12ph/9stn Dmin 97km Az.gap 296°
Corr. -0.496 15M/13stn Msd 0.2 1↑

95/4043
FEB 12 1051 03.5s 37.46S 179.38E 12km M=3.6
0.4 0.03 0.03 R
Rsd 0.2s 6ph/4stn Dmin 96km Az.gap 321°
Corr. -0.552 2M/2stn Msd 0.2

95/4044
FEB 12 1058 20.2s 37.73S 179.46E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.2s 11ph/9stn Dmin 103km Az.gap 300°
Corr. -0.205 19M/14stn Msd 0.3 1↓

95/4046
FEB 12 1101 16.4s 37.84S 179.41E 12km M=3.7
0.2 0.01 0.01 R
Rsd 0.1s 10ph/8stn Dmin 101km Az.gap 293°
Corr. -0.145 11M/10stn Msd 0.2 1↓

95/4047
FEB 12 1109 46.1s 37.84S 179.37E 12km M=3.9
0.2 0.01 0.01 R
Rsd 0.1s 10ph/8stn Dmin 98km Az.gap 294°
Corr. -0.350 6M/5stn Msd 0.3 1↑ 1↓

95/4050
FEB 12 1116 43.1s 38.07S 179.23E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.2s 10ph/7stn Dmin 86km Az.gap 277°
Corr. 0.268 18M/16stn Msd 0.2 1↑ 1↓

95/4052
FEB 12 1119 59.8s 37.80S 179.45E 12km M=3.9
0.2 0.01 0.01 R
Rsd 0.1s 9ph/7stn Dmin 104km Az.gap 302°
Corr. -0.224 6M/5stn Msd 0.4 1↓

95/4053
FEB 12 1123 48.0s 37.41S 179.30E 12km M=3.7
0.6 0.03 0.04 R
Rsd 0.3s 12ph/10stn Dmin 91km Az.gap 317°
Corr. -0.428 8M/7stn Msd 0.3 1↓

95/4055
FEB 12 1135 38.7s 38.20S 179.19E 12km M=3.6
0.6 0.03 0.04 R
Rsd 0.4s 8ph/6stn Dmin 83km Az.gap 272°
Corr. 0.433 6M/4stn Msd 0.2 1↑ 2↓

95/4057
FEB 12 1141 13.0s 37.80S 179.41E 12km M=3.8
0.2 0.01 0.01 R
Rsd 0.1s 6ph/4stn Dmin 100km Az.gap 309°
Corr. -0.176 5M/3stn Msd 0.3 1↓

95/4058
FEB 12 1141 41.1s 37.82S 179.40E 12km M=4.0
1.1 0.06 0.06 R
Rsd 0.5s 5ph/3stn Dmin 100km Az.gap 309°
Corr. -0.250 5M/3stn Msd 0.4

95/4059
FEB 12 1142 20.4s 37.84S 179.41E 12km M=3.7
0.3 0.02 0.02 R
Rsd 0.1s 5ph/3stn Dmin 101km Az.gap 309°
Corr. -0.433 3M/3stn Msd 0.4

95/4061
FEB 12 1208 13.9s 38.21S 179.12E 12km M=3.5
0.3 0.01 0.02 R
Rsd 0.2s 12ph/9stn Dmin 77km Az.gap 266°
Corr. 0.111 9M/7stn Msd 0.2

95/4062
FEB 12 1213 50.1s 37.83S 179.36E 12km M=3.9
0.5 0.03 0.03 R
Rsd 0.3s 14ph/12stn Dmin 97km Az.gap 293°
Corr. -0.208 19M/17stn Msd 0.2 1↓

95/4068
FEB 12 1312 23.3s 37.63S 179.45E 12km M=3.6
0.4 0.03 0.02 R
Rsd 0.2s 7ph/5stn Dmin 102km Az.gap 311°
Corr. -0.171 5M/4stn Msd 0.3

95/4069
FEB 12 1317 17.6s 37.88S 179.42E 12km M=3.7
0.5 0.03 0.03 R
Rsd 0.3s 7ph/5stn Dmin 103km Az.gap 297°
Corr. -0.067 5M/3stn Msd 0.5 1↓

95/4072
FEB 12 1324 11.8s 37.89S 179.46E 12km M=3.6
0.7 0.04 0.04 R
Rsd 0.3s 7ph/5stn Dmin 107km Az.gap 310°
Corr. -0.309 4M/4stn Msd 0.2

95/4074
FEB 12 1326 27.5s 37.93S 179.28E 12km M=3.6
0.1 0.01 0.01 R
Rsd 0.1s 5ph/3stn Dmin 91km Az.gap 302°
Corr. -0.007 4M/2stn Msd 0.6

95/4075
FEB 12 1330 02.9s 37.97S 179.46E 12km M=4.0
1.0 0.05 0.05 R
Rsd 0.6s 10ph/7stn Dmin 107km Az.gap 294°
Corr. -0.036 7M/5stn Msd 0.4 1↓

95/4076
FEB 12 1338 24.8s 37.82S 179.48E 12km M=3.7
0.4 0.03 0.02 R
Rsd 0.2s 11ph/8stn Dmin 107km Az.gap 301°
Corr. -0.332 6M/6stn Msd 0.2 1↑ 1↓

95/4080
FEB 12 1358 35.2s 37.80S 179.43E 12km M=4.2
0.4 0.02 0.02 R
Rsd 0.3s 14ph/12stn Dmin 102km Az.gap 290°
Corr. -0.168 8M/5stn Msd 0.2 2↑ 2↓

95/4082
FEB 12 1412 07.5s 38.17S 179.10E 12km M=3.6
0.2 0.01 0.01 R
Rsd 0.1s 10ph/7stn Dmin 75km Az.gap 266°
Corr. 0.002 11M/11stn Msd 0.2 1↑ 1↓

95/4085
FEB 12 1447 01.8s 37.58S 179.42E 12km M=4.0
0.3 0.02 0.02 R
Rsd 0.2s 17ph/15stn Dmin 99km Az.gap 307°
Corr. -0.350 22M/22stn Msd 0.2 1↓

95/4088
FEB 12 1532 50.4s 37.73S 179.51E 12km M=4.5
0.2 0.02 0.01 R
Rsd 0.2s 30ph/28stn Dmin 108km Az.gap 291°
Corr. -0.233 17M/9stn Msd 0.2 4↑ 4↓

95/4091
FEB 12 1543 18.0s 38.03S 179.27E 12km M=4.3
0.4 0.03 0.02 R
Rsd 0.2s 17ph/15stn Dmin 89km Az.gap 279°
Corr. -0.163 8M/4stn Msd 0.1

95/4093
FEB 12 1547 11.2s 37.84S 179.49E 12km M=4.6
0.2 0.02 0.01 R
Rsd 0.1s 33ph/30stn Dmin 108km Az.gap 290°
Corr. -0.418 24M/12stn Msd 0.2 2↑ 2↓

95/4098
FEB 12 1633 34.9s 37.77S 179.56E 12km M=3.6
1.3 0.07 0.08 R
Rsd 0.3s 7ph/6stn Dmin 113km Az.gap 315°
Corr. 0.694 5M/5stn Msd 0.2 1↓

95/4102
FEB 12 1659 49.2s 38.10S 179.05E 12km M=3.6
0.8 0.03 0.04 R
Rsd 0.3s 5ph/3stn Dmin 70km Az.gap 287°
Corr. 0.580 4M/2stn Msd 0.4

95/4105
FEB 12 1728 10.0s 38.04S 179.17E 12km M=4.4
0.4 0.03 0.02 R
Rsd 0.2s 15ph/13stn Dmin 80km Az.gap 276°
Corr. -0.286 10M/6stn Msd 0.3 1↑ 2↓

95/4106
FEB 12 1735 25.4s 38.11S 179.08E 12km M=3.6
0.2 0.01 0.01 R
Rsd 0.1s 7ph/5stn Dmin 72km Az.gap 288°
Corr. -0.087 6M/4stn Msd 0.4 1↑ 1↓

95/4108
FEB 12 1742 24.4s 37.82S 179.03E 12km M=3.6
0.8 0.03 0.05 R
Rsd 0.4s 6ph/4stn Dmin 68km Az.gap 293°
Corr. -0.020 4M/3stn Msd 0.2

95/4111
FEB 12 1807 51.8s 38.03S 179.17E 12km M=3.5
0.1 0.00 0.00 R
Rsd 0.0s 5ph/3stn Dmin 80km Az.gap 294°
Corr. -0.327 5M/3stn Msd 0.4 1↓

95/4117
FEB 12 1909 55.5s 37.93S 179.31E 12km M=3.9
0.3 0.01 0.01 R
Rsd 0.2s 10ph/8stn Dmin 94km Az.gap 289°
Corr. 0.175 11M/8stn Msd 0.2 1↓

95/4118
FEB 12 1922 19.1s 37.84S 179.32E 12km M=4.7
0.4 0.03 0.03 R
Rsd 0.3s 15ph/13stn Dmin 94km Az.gap 287°
Corr. -0.055 14M/7stn Msd 0.2 1↓

95/4119
FEB 12 1926 35.8s 37.43S 179.42E 12km M=3.9
0.1 0.01 0.01 R
Rsd 0.1s 6ph/4stn Dmin 101km Az.gap 323°
Corr. -0.599 6M/4stn Msd 0.6 1↑

95/4120
FEB 12 1927 49.3s 37.41S 179.33E 12km M=3.7
0.2 0.01 0.01 R
Rsd 0.1s 13ph/11stn Dmin 93km Az.gap 290°
Corr. -0.560 7M/7stn Msd 0.2 1↓

95/4122
FEB 12 1930 05.4s 37.81S 179.31E 12km M=3.8
0.3 0.01 0.02 R
Rsd 0.1s 5ph/3stn Dmin 92km Az.gap 306°
Corr. -0.424 3M/2stn Msd 0.3 1↓

95/4124
FEB 12 1936 38.3s 38.28S 179.06E 12km M=3.8
1.0 0.03 0.05 R
Rsd 0.5s 7ph/4stn Dmin 74km Az.gap 267°
Corr. 0.022 5M/3stn Msd 0.2

95/4126
FEB 12 1948 02.9s 37.64S 179.29E 12km M=4.1
0.1 0.01 0.01 R
Rsd 0.1s 5ph/3stn Dmin 87km Az.gap 313°
Corr. -0.118 5M/3stn Msd 0.4 1↑

95/4127
FEB 12 1953 32.7s 37.85S 179.36E 12km M=3.6
0.1 0.01 0.01 R
Rsd 0.1s 5ph/3stn Dmin 97km Az.gap 307°
Corr. -0.401 4M/3stn Msd 0.4

95/4130
FEB 12 2004 15.7s 37.83S 179.47E 12km M=4.4
0.2 0.01 0.01 R
Rsd 0.2s 22ph/20stn Dmin 106km Az.gap 295°
Corr. 0.118 11M/6stn Msd 0.2 1↓

95/4132
FEB 12 2029 18.4s 37.66S 179.24E 12km M=3.6
0.1 0.01 0.01 R
Rsd 0.1s 5ph/3stn Dmin 83km Az.gap 310°
Corr. -0.277 3M/3stn Msd 0.1 1↑ 1↓

95/4138
FEB 12 2123 44.2s 37.92S 179.28E 12km M=5.1
0.3 0.02 0.02 R
Rsd 0.2s 44ph/42stn Dmin 92km Az.gap 286°
Corr. 0.035 31M/17stn Msd 0.2 6↑ 3↓

95/4141
FEB 12 2212 22.1s 37.82S 179.44E 12km M=4.9
0.3 0.01 0.02 R
Rsd 0.1s 38ph/37stn Dmin 104km Az.gap 290°
Corr. 0.158 10M/6stn Msd 0.4 1↑ 2↓

95/4145
FEB 12 2234 28.7s 37.32S 179.53E 12km M=4.1
0.2 0.01 0.01 R
Rsd 0.1s 21ph/19stn Dmin 113km Az.gap 294°
Corr. 0.121 18M/14stn Msd 0.2

95/4153
FEB 12 2349 40.1s 37.82S 179.45E 12km M=5.0
0.2 0.01 0.01 R
Rsd 0.2s 36ph/32stn Dmin 105km Az.gap 289°
Corr. 0.032 19M/11stn Msd 0.9 1↓

95/4155
FEB 13 0002 10.3s 37.03S 178.79E 12km M=3.6
0.2 0.01 0.02 R
Rsd 0.0s 5ph/3stn Dmin 77km Az.gap 346°
Corr. -0.646 4M/3stn Msd 0.4 1↑ 1↓

95/4157
FEB 13 0011 44.0s 37.46S 179.14E 12km M=6.2
0.8 0.02 0.06 R
Rsd 0.2s 33ph/32stn Dmin 76km Az.gap 285°
Corr. 0.057 37M/19stn Msd 0.5 1↑ 3↓
Felt Reporoa (33) MM4 and Rukuhanga Stn (29).

95/4158
FEB 13 0018 15.9s 37.21S 178.93E 12km M=4.1
0.3 0.02 0.02 R
Rsd 0.1s 5ph/3stn Dmin 70km Az.gap 334°
Corr. -0.365 4M/2stn Msd 0.1 1↓

95/4159
FEB 13 0024 44.1s 37.35S 179.16E 12km M=3.7
0.2 0.01 0.02 R
Rsd 0.0s 5ph/3stn Dmin 113km Az.gap 335°
Corr. -0.902 1M/1stn Msd 0.0

95/4161
FEB 13 0032 24.7s 37.33S 179.22E 12km M=3.6
0.5 0.03 0.04 R
Rsd 0.2s 6ph/4stn Dmin 86km Az.gap 326°
Corr. -0.471 4M/4stn Msd 0.2

95/4162
FEB 13 0033 12.4s 37.97S 179.31E 12km M=3.7
1.4 0.06 0.07 R
Rsd 0.7s 7ph/4stn Dmin 93km Az.gap 289°
Corr. 0.019 3M/3stn Msd 0.2

95/4163
FEB 13 0033 39.0s 37.36S 179.07E 12km M=4.2
0.5 0.02 0.04 R
Rsd 0.1s 11ph/9stn Dmin 73km Az.gap 310°
Corr. -0.274 21M/16stn Msd 0.2

95/4164
FEB 13 0034 59.4s 38.05S 179.14E 12km M=3.6
0.5 0.02 0.03 R
Rsd 0.3s 9ph/7stn Dmin 77km Az.gap 288°
Corr. 0.078 9M/7stn Msd 0.2

95/4165
FEB 13 0037 05.4s 37.06S 178.57E 12km M=3.5
0.5 0.02 0.10 R
Rsd 0.1s 5ph/3stn Dmin 64km Az.gap 352°
Corr. -0.641 3M/3stn Msd 0.1

95/4166
FEB 13 0038 49.6s 38.13S 179.01E 12km M=3.7
0.6 0.03 0.04 R
Rsd 0.4s 7ph/5stn Dmin 66km Az.gap 267°
Corr. 0.122 6M/4stn Msd 0.3 1↓

95/4167
FEB 13 0041 26.8s 37.24S 178.94E 12km M=3.8
0.2 0.01 0.02 R
Rsd 0.1s 5ph/3stn Dmin 69km Az.gap 332°
Corr. -0.398 4M/3stn Msd 0.2 1↑

95/4168
FEB 13 0043 46.9s 37.85S 179.40E 12km M=3.9
0.2 0.01 0.02 R
Rsd 0.1s 13ph/11stn Dmin 101km Az.gap 295°
Corr. 0.032 11M/9stn Msd 0.2 1↓

95/4169
FEB 13 0047 40.7s 37.40S 179.23E 12km M=4.3
0.2 0.01 0.02 R
Rsd 0.1s 10ph/9stn Dmin 85km Az.gap 320°
Corr. -0.458 8M/4stn Msd 0.2 1↓

95/4170
FEB 13 0048 43.5s 37.19S 179.07E 12km M=3.9
0.8 0.05 0.07 R
Rsd 0.3s 6ph/4stn Dmin 82km Az.gap 333°
Corr. -0.424 5M/4stn Msd 0.2 1↓

95/4173
FEB 13 0056 53.9s 37.32S 179.14E 12km M=3.9
0.4 0.02 0.02 R
Rsd 0.2s 10ph/8stn Dmin 80km Az.gap 321°
Corr. -0.349 6M/5stn Msd 0.3

95/4174
FEB 13 0110 45.9s 37.76S 179.50E 12km M=4.7
0.2 0.01 0.01 R
Rsd 0.1s 24ph/22stn Dmin 107km Az.gap 291°
Corr. 0.112 11M/7stn Msd 0.2 1↓

95/4176
FEB 13 0118 12.5s 37.20S 178.91E 12km M=3.8
3.6 0.10 0.31 R
Rsd 0.7s 5ph/3stn Dmin 70km Az.gap 328°
Corr. -0.445 2M/2stn Msd 0.1 1↓

95/4177
FEB 13 0119 26.0s 37.87S 179.45E 12km M=3.9
0.6 0.03 0.03 R
Rsd 0.3s 7ph/5stn Dmin 105km Az.gap 306°
Corr. -0.082 6M/5stn Msd 0.4 1↓

95/4180
FEB 13 0151 11.6s 37.23S 178.96E 12km M=4.0
0.5 0.02 0.04 R
Rsd 0.2s 5ph/3stn Dmin 71km Az.gap 333°
Corr. -0.457 8M/8stn Msd 0.4 1↓

95/4181
FEB 13 0152 35.1s 39.22S 175.31E 132km M=4.6
0.2 0.01 0.01 2
Rsd 0.2s 52ph/47stn Dmin 21km Az.gap 99°
Corr. -0.192 20M/18stn Msd 0.2 13↑ 12↓

95/4184
FEB 13 0157 01.7s 37.46S 179.28E 12km M=5.3
0.3 0.02 0.02 R
Rsd 0.1s 17ph/15stn Dmin 88km Az.gap 289°
Corr. -0.381 16M/8stn Msd 0.3 1↓

95/4186
FEB 13 0208 08.8s 37.49S 179.21E 12km M=5.4
0.4 0.02 0.03 R
Rsd 0.2s 30ph/28stn Dmin 82km Az.gap 287°
Corr. 0.272 27M/14stn Msd 0.3 4↑ 11↓

95/4187
FEB 13 0209 46.2s 37.91S 179.10E 12km M=3.8
0.6 0.03 0.04 R
Rsd 0.4s 10ph/8stn Dmin 76km Az.gap 280°
Corr. 0.100 3M/3stn Msd 0.3

95/4189
FEB 13 0217 51.3s 37.98S 179.22E 12km M=3.6
0.5 0.02 0.03 R
Rsd 0.3s 7ph/5stn Dmin 85km Az.gap 292°
Corr. 0.257 5M/5stn Msd 0.2 1↓

95/4190
FEB 13 0223 27.6s 37.53S 179.46E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.2s 10ph/8stn Dmin 103km Az.gap 311°
Corr. 0.190 9M/9stn Msd 0.2 1↑

95/4192
FEB 13 0226 05.5s 37.70S 179.35E 12km M=3.7
1.0 0.04 0.06 R
Rsd 0.5s 6ph/4stn Dmin 93km Az.gap 305°
Corr. 0.084 4M/4stn Msd 0.3 1↑ 1↓

95/4194
FEB 13 0258 31.5s 37.48S 178.78E 12km M=3.6
1.9 0.10 0.10 R
Rsd 0.7s 5ph/4stn Dmin 44km Az.gap 309°
Corr. 0.638 4M/4stn Msd 0.2 1↓

95/4196
FEB 13 0320 53.9s 37.79S 179.43E 12km M=4.0
0.4 0.02 0.03 R
Rsd 0.3s 12ph/10stn Dmin 102km Az.gap 299°
Corr. 0.335 21M/19stn Msd 0.2 1↑ 2↓

95/4197
FEB 13 0331 14.6s 37.37S 179.20E 12km M=4.6
0.5 0.02 0.04 R
Rsd 0.1s 33ph/31stn Dmin 84km Az.gap 287°
Corr. 0.774 16M/9stn Msd 0.1 3↑ 8↓

95/4198
FEB 13 0332 58.7s 37.76S 179.47E 12km M=3.8
0.3 0.02 0.02 R
Rsd 0.2s 10ph/8stn Dmin 105km Az.gap 302°
Corr. 0.309 8M/8stn Msd 0.3 2↑ 2↓

95/4199
FEB 13 0345 20.1s 37.81S 179.35E 12km M=3.7
0.3 0.02 0.01 R
Rsd 0.2s 11ph/9stn Dmin 96km Az.gap 296°
Corr. 0.172 7M/7stn Msd 0.2 1↑ 1↓

95/4200
FEB 13 0347 14.6s 37.27S 179.12E 12km M=3.9
0.4 0.03 0.03 R
Rsd 0.2s 5ph/3stn Dmin 81km Az.gap 329°
Corr. -0.290 3M/3stn Msd 0.1 1↓

95/4207
FEB 13 0506 12.4s 37.35S 179.18E 12km M=3.9
0.5 0.02 0.03 R
Rsd 0.2s 10ph/8stn Dmin 82km Az.gap 325°
Corr. 0.055 10M/9stn Msd 0.2 1↑

95/4208
FEB 13 0520 35.6s 37.81S 179.47E 12km M=4.3
0.3 0.02 0.02 R
Rsd 0.2s 24ph/22stn Dmin 106km Az.gap 296°
Corr. 0.264 9M/5stn Msd 0.1 3↑ 5↓

95/4209
FEB 13 0530 28.8s 37.76S 179.49E 12km M=4.3
0.3 0.02 0.02 R
Rsd 0.2s 17ph/15stn Dmin 106km Az.gap 300°
Corr. 0.249 10M/5stn Msd 0.1 1↑ 2↓

95/4210
FEB 13 0549 07.1s 36.68S 177.08E 231km M=3.9
0.4 0.04 0.03 4
Rsd 0.2s 12ph/10stn Dmin 148km Az.gap 283°
Corr. -0.234 16M/16stn Msd 0.2 1↑

95/4212
FEB 13 0558 36.7s 38.11S 179.21E 12km M=4.4
0.2 0.01 0.02 R
Rsd 0.1s 20ph/18stn Dmin 84km Az.gap 274°
Corr. 0.346 9M/5stn Msd 0.2 1↑ 1↓

95/4214
FEB 13 0600 25.1s 37.43S 179.10E 12km M=4.6
0.8 0.04 0.05 R
Rsd 0.4s 14ph/12stn Dmin 74km Az.gap 311°
Corr. 0.136 10M/5stn Msd 0.2

95/4215
FEB 13 0602 39.5s 37.78S 179.40E 12km M=3.7
0.6 0.04 0.03 R
Rsd 0.3s 7ph/5stn Dmin 99km Az.gap 311°
Corr. -0.312 6M/4stn Msd 0.6

95/4216
FEB 13 0604 14.1s 37.47S 179.31E 12km M=4.1
0.5 0.02 0.03 R
Rsd 0.2s 10ph/7stn Dmin 91km Az.gap 318°
Corr. 0.231 11M/9stn Msd 0.3

95/4217
FEB 13 0622 27.5s 37.63S 179.45E 12km M=3.7
0.3 0.02 0.02 R
Rsd 0.2s 14ph/12stn Dmin 101km Az.gap 293°
Corr. -0.244 10M/10stn Msd 0.2

95/4218
FEB 13 0626 14.5s 37.84S 179.47E 12km M=3.7
0.3 0.01 0.01 R
Rsd 0.1s 10ph/9stn Dmin 107km Az.gap 296°
Corr. 0.351 9M/9stn Msd 0.2

95/4219
FEB 13 0641 05.3s 37.96S 179.20E 12km M=3.6
0.3 0.01 0.02 R
Rsd 0.1s 11ph/9stn Dmin 84km Az.gap 283°
Corr. 0.484 7M/7stn Msd 0.2

95/4221
FEB 13 0721 23.0s 37.82S 179.30E 12km M=3.7
0.3 0.01 0.02 R
Rsd 0.1s 12ph/11stn Dmin 91km Az.gap 294°
Corr. 0.354 7M/5stn Msd 0.3 1↑

95/4222
FEB 13 0721 36.9s 37.66S 179.25E 12km M=3.7
1.5 0.06 0.08 R
Rsd 0.7s 7ph/5stn Dmin 84km Az.gap 306°
Corr. -0.168 5M/3stn Msd 0.2

95/4224
FEB 13 0752 03.5s 37.42S 179.46E 12km M=4.7
0.6 0.02 0.04 R
Rsd 0.2s 29ph/26stn Dmin 105km Az.gap 293°
Corr. 0.648 15M/8stn Msd 0.2 1↑ 5↓

95/4225
FEB 13 0756 30.5s 37.84S 179.45E 12km M=3.6
0.4 0.02 0.02 R
Rsd 0.3s 9ph/7stn Dmin 104km Az.gap 300°
Corr. 0.114 4M/4stn Msd 0.2 1↓

95/4227
FEB 13 0841 26.8s 37.42S 179.42E 12km M=3.6
0.2 0.02 0.02 R
Rsd 0.2s 15ph/13stn Dmin 101km Az.gap 316°
Corr. -0.228 9M/9stn Msd 0.2 2↑ 2↓

95/4228
FEB 13 0850 24.4s 40.95S 172.17E 5km M=3.9
0.4 0.02 0.02 R
Rsd 0.2s 25ph/19stn Dmin 33km Az.gap 184°
Corr. -0.753 35M/32stn Msd 0.2 4↑ 3↓

95/4229
FEB 13 0851 32.2s 37.98S 179.30E 12km M=3.6
0.3 0.02 0.02 R
Rsd 0.2s 12ph/10stn Dmin 92km Az.gap 283°
Corr. -0.046 4M/4stn Msd 0.2 1↓

95/4231
FEB 13 0910 39.2s 37.41S 179.28E 12km M=4.7
0.5 0.02 0.04 R
Rsd 0.2s 24ph/21stn Dmin 89km Az.gap 306°
Corr. -0.224 17M/9stn Msd 0.2 1↓

95/4232
FEB 13 0912 32.8s 37.94S 179.18E 12km M=3.5
0.1 0.00 0.00 R
Rsd 0.0s 5ph/3stn Dmin 82km Az.gap 297°
Corr. -0.397 3M/3stn Msd 0.2

95/4233
FEB 13 0926 28.7s 37.82S 179.30E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.2s 15ph/12stn Dmin 92km Az.gap 292°
Corr. 0.013 32M/29stn Msd 0.2 1↑ 3↓

95/4235
FEB 13 0938 43.7s 37.92S 179.49E 12km M=3.7
0.7 0.05 0.04 R
Rsd 0.5s 7ph/5stn Dmin 109km Az.gap 296°
Corr. 0.082 3M/2stn Msd 0.6 1↓

95/4246
FEB 13 1021 24.1s 37.41S 179.41E 12km M=4.1
0.3 0.02 0.02 R
Rsd 0.2s 17ph/15stn Dmin 100km Az.gap 312°
Corr. 0.096 31M/24stn Msd 0.2 4↑ 2↓

95/4248
FEB 13 1058 19.6s 37.78S 179.47E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.2s 28ph/26stn Dmin 105km Az.gap 290°
Corr. -0.170 35M/33stn Msd 0.3 1↑ 2↓

95/4249
FEB 13 1103 42.1s 37.31S 179.09E 12km M=3.9
0.5 0.03 0.05 R
Rsd 0.2s 5ph/3stn Dmin 77km Az.gap 334°
Corr. -0.792 4M/2stn Msd 0.7

95/4250
FEB 13 1105 45.8s 37.99S 179.20E 12km M=3.8
0.4 0.02 0.02 R
Rsd 0.3s 15ph/13stn Dmin 84km Az.gap 280°
Corr. 0.085 27M/23stn Msd 0.2 2↑ 1↓

95/4252
FEB 13 1125 04.9s 37.92S 179.30E 12km M=3.7
0.5 0.03 0.03 R
Rsd 0.3s 12ph/10stn Dmin 93km Az.gap 289°
Corr. 0.346 11M/11stn Msd 0.1 3↑ 2↓

95/4253
FEB 13 1132 11.3s 37.93S 179.17E 12km M=3.6
0.5 0.02 0.03 R
Rsd 0.3s 9ph/8stn Dmin 81km Az.gap 283°
Corr. 0.359 11M/11stn Msd 0.2 1↓

95/4257
FEB 13 1218 52.4s 38.63S 178.00E 33km M=5.1
0.1 0.01 0.01 R
Rsd 0.2s 46ph/44stn Dmin 4km Az.gap 125°
Corr. -0.046 38M/21stn Msd 0.3 18↑ 17↓
Felt Gisborne (44,45) MM4.

95/4259
FEB 13 1234 19.9s 37.61S 179.28E 12km M=4.0
0.3 0.02 0.02 R
Rsd 0.1s 13ph/11stn Dmin 86km Az.gap 304°
Corr. -0.505 18M/12stn Msd 0.3 1↓

95/4260
FEB 13 1234 48.7s 37.93S 179.34E 12km M=3.6
0.9 0.04 0.04 R
Rsd 0.3s 7ph/3stn Dmin 97km Az.gap 324°
Corr. 0.178 4M/2stn Msd 0.1

95/4261
FEB 13 1239 10.5s 37.77S 179.42E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.2s 12ph/10stn Dmin 100km Az.gap 299°
Corr. -0.177 11M/9stn Msd 0.2 1↓

95/4267
FEB 13 1318 31.5s 37.81S 179.48E 12km M=5.0
0.3 0.01 0.02 R
Rsd 0.2s 42ph/39stn Dmin 107km Az.gap 290°
Corr. 0.157 33M/17stn Msd 0.2 2↑ 3↓

95/4269
FEB 13 1336 39.1s 38.00S 179.21E 12km M=3.7
0.7 0.02 0.05 R
Rsd 0.3s 16ph/15stn Dmin 84km Az.gap 279°
Corr. 0.522 23M/23stn Msd 0.2 3↑ 3↓

95/4273
FEB 13 1423 30.3s 37.79S 179.48E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.2s 25ph/23stn Dmin 106km Az.gap 290°
Corr. 0.100 30M/28stn Msd 0.2 1↑ 5↓

95/4274
FEB 13 1431 05.7s 37.34S 179.14E 12km M=3.6
0.8 0.05 0.06 R
Rsd 0.4s 7ph/5stn Dmin 80km Az.gap 326°
Corr. -0.395 5M/5stn Msd 0.2 1↑ 1↓

95/4276
FEB 13 1434 52.0s 37.64S 179.74E 12km M=4.2
0.6 0.04 0.03 R
Rsd 0.4s 8ph/6stn Dmin 127km Az.gap 313°
Corr. 0.127 3M/2stn Msd 0.7 1↓

95/4282
FEB 13 1510 36.5s 37.79S 179.46E 12km M=3.7
0.6 0.04 0.04 R
Rsd 0.3s 7ph/5stn Dmin 104km Az.gap 312°
Corr. -0.322 5M/4stn Msd 0.5 1↓

95/4289
FEB 13 1546 42.4s 37.84S 179.05E 12km M=3.9
0.2 0.01 0.01 R
Rsd 0.1s 15ph/13stn Dmin 71km Az.gap 282°
Corr. -0.075 34M/29stn Msd 0.2 2↑ 3↓

95/4290
FEB 13 1549 54.8s 37.35S 179.13E 12km M=4.3
0.8 0.03 0.05 R
Rsd 0.2s 32ph/30stn Dmin 78km Az.gap 287°
Corr. 0.854 19M/11stn Msd 0.1 7↑ 6↓

95/4291
FEB 13 1550 45.0s 37.79S 179.00E 12km M=3.8
0.4 0.02 0.02 R
Rsd 0.3s 14ph/12stn Dmin 65km Az.gap 283°
Corr. 0.118 7M/6stn Msd 0.3 1↑

95/4294
FEB 13 1601 45.7s 37.30S 179.13E 12km M=4.4
0.5 0.02 0.03 R
Rsd 0.1s 32ph/30stn Dmin 81km Az.gap 306°
Corr. 0.743 20M/11stn Msd 0.2 1↑ 4↓

95/4297
FEB 13 1618 22.1s 37.79S 179.40E 12km M=3.5
0.7 0.03 0.04 R
Rsd 0.4s 10ph/8stn Dmin 99km Az.gap 301°
Corr. 0.006 5M/5stn Msd 0.2 2↑ 1↓

95/4298
FEB 13 1621 02.4s 37.81S 179.35E 12km M=3.8
1.0 0.05 0.06 R
Rsd 0.5s 8ph/6stn Dmin 95km Az.gap 308°
Corr. -0.086 9M/7stn Msd 0.4 1↓

95/4299
FEB 13 1629 56.2s 37.51S 179.21E 12km M=3.8
0.7 0.03 0.05 R
Rsd 0.3s 11ph/9stn Dmin 81km Az.gap 295°
Corr. -0.495 8M/8stn Msd 0.4 2↑ 1↓

95/4300
FEB 13 1644 29.4s 37.32S 179.16E 12km M=3.8
0.4 0.02 0.03 R
Rsd 0.2s 9ph/8stn Dmin 82km Az.gap 326°
Corr. -0.127 12M/10stn Msd 0.3

95/4301
FEB 13 1648 05.4s 38.14S 179.08E 12km M=3.6
0.2 0.01 0.01 R
Rsd 0.1s 6ph/5stn Dmin 73km Az.gap 280°
Corr. 0.127 5M/4stn Msd 0.2

95/4302
FEB 13 1651 22.7s 37.68S 179.41E 12km M=3.9
0.4 0.02 0.03 R
Rsd 0.2s 12ph/11stn Dmin 98km Az.gap 291°
Corr. -0.014 19M/16stn Msd 0.2 1↓

95/4307
FEB 13 1750 45.4s 37.48S 179.47E 12km M=3.8
0.1 0.01 0.01 R
Rsd 0.0s 10ph/9stn Dmin 104km Az.gap 317°
Corr. 0.009 14M/12stn Msd 0.3 1↓

95/4314
FEB 13 2010 15.1s 37.78S 179.40E 12km M=4.1
0.2 0.01 0.02 R
Rsd 0.2s 14ph/12stn Dmin 99km Az.gap 296°
Corr. 0.177 34M/28stn Msd 0.2 1↑

95/4315
FEB 13 2011 43.5s 37.76S 179.39E 12km M=3.6
0.3 0.02 0.02 R
Rsd 0.2s 10ph/8stn Dmin 98km Az.gap 299°
Corr. 0.064 6M/6stn Msd 0.2 2↑ 1↓

95/4316
FEB 13 2018 16.8s 39.12S 176.54E 59km M=3.7
0.1 0.01 0.01 2
Rsd 0.2s 45ph/36stn Dmin 17km Az.gap 56°
Corr. -0.184 20M/18stn Msd 0.2 18↑ 12↓

95/4318
FEB 13 2023 10.8s 37.48S 179.44E 12km M=4.4
0.3 0.02 0.02 R
Rsd 0.2s 19ph/16stn Dmin 101km Az.gap 292°
Corr. -0.027 10M/5stn Msd 0.1 5↑ 5↓

95/4321
FEB 13 2056 55.0s 37.47S 179.44E 12km M=4.6
0.5 0.03 0.04 R
Rsd 0.2s 12ph/10stn Dmin 101km Az.gap 295°
Corr. -0.344 10M/6stn Msd 0.2

95/4324
FEB 13 2132 50.8s 38.11S 179.05E 12km M=3.5
0.3 0.01 0.02 R
Rsd 0.2s 5ph/3stn Dmin 70km Az.gap 287°
Corr. -0.045 5M/3stn Msd 0.4

95/4327
FEB 13 2152 44.8s 37.84S 179.40E 12km M=3.5
1.0 0.06 0.05 R
Rsd 0.6s 6ph/4stn Dmin 101km Az.gap 300°
Corr. 0.078 6M/4stn Msd 0.3

95/4328
FEB 13 2217 46.7s 34.73S 177.80E 246km M=4.3
0.4 0.06 0.18 15
Rsd 0.1s 17ph/15stn Dmin 322km Az.gap 326°
Corr. -0.958 13M/13stn Msd 0.2

95/4329
FEB 13 2235 07.4s 37.41S 179.37E 12km M=3.8
0.2 0.01 0.02 R
Rsd 0.1s 12ph/10stn Dmin 97km Az.gap 291°
Corr. -0.061 13M/11stn Msd 0.2

95/4334
FEB 13 2349 28.5s 37.99S 179.19E 12km M=4.6
0.2 0.01 0.01 R
Rsd 0.1s 19ph/17stn Dmin 82km Az.gap 279°
Corr. -0.007 17M/9stn Msd 0.2 1↓

95/4337
FEB 14 0024 03.3s 37.62S 179.37E 12km M=3.5
0.1 0.01 0.01 R
Rsd 0.0s 5ph/3stn Dmin 94km Az.gap 331°
Corr. -0.625 4M/2stn Msd 0.3 1↓

95/4338
FEB 14 0042 34.7s 37.78S 179.11E 12km M=4.9
0.3 0.02 0.02 R
Rsd 0.2s 22ph/20stn Dmin 74km Az.gap 284°
Corr. -0.146 22M/12stn Msd 0.3

95/4339
FEB 14 0049 33.8s 37.33S 176.70E 217km M=4.2
1.0 0.04 0.03 8
Rsd 0.2s 23ph/22stn Dmin 69km Az.gap 156°
Corr. 0.462 25M/21stn Msd 0.2

95/4340
FEB 14 0051 14.9s 37.45S 179.30E 12km M=4.9
0.4 0.03 0.03 R
Rsd 0.2s 36ph/32stn Dmin 90km Az.gap 289°
Corr. 0.517 37M/19stn Msd 0.2 2↑ 3↓

95/4343
FEB 14 0117 33.6s 37.81S 179.51E 12km M=3.6
1.3 0.09 0.07 R
Rsd 0.7s 5ph/3stn Dmin 109km Az.gap 304°
Corr. -0.109 5M/3stn Msd 0.5 1↓

95/4350
FEB 14 0306 37.2s 37.43S 179.31E 12km M=3.6
0.4 0.02 0.02 R
Rsd 0.2s 11ph/10stn Dmin 91km Az.gap 323°
Corr. -0.065 10M/10stn Msd 0.2 1↑

95/4351
FEB 14 0308 10.2s 37.81S 179.48E 12km M=3.6
0.9 0.04 0.06 R
Rsd 0.4s 7ph/6stn Dmin 107km Az.gap 311°
Corr. 0.208 8M/7stn Msd 0.2

95/4353
FEB 14 0325 32.1s 38.25S 179.14E 12km M=3.5
0.5 0.02 0.03 R
Rsd 0.3s 5ph/4stn Dmin 79km Az.gap 293°
Corr. -0.131 4M/3stn Msd 0.2 1↓

95/4354
FEB 14 0330 54.2s 37.83S 179.48E 12km M=3.5
0.7 0.04 0.04 R
Rsd 0.4s 10ph/9stn Dmin 107km Az.gap 299°
Corr. 0.257 6M/5stn Msd 0.2 1↓

95/4355
FEB 14 0332 03.9s 38.08S 179.19E 12km M=3.9
0.4 0.02 0.03 R
Rsd 0.2s 14ph/13stn Dmin 81km Az.gap 278°
Corr. 0.320 17M/13stn Msd 0.4 1↓

95/4357
FEB 14 0415 31.5s 37.83S 179.00E 12km M=3.7
0.5 0.02 0.03 R
Rsd 0.2s 13ph/11stn Dmin 67km Az.gap 280°
Corr. 0.325 12M/9stn Msd 0.4 1↓

95/4365
FEB 14 0553 09.5s 37.80S 179.43E 12km M=4.5
0.2 0.01 0.01 R
Rsd 0.1s 31ph/28stn Dmin 102km Az.gap 289°
Corr. -0.127 18M/9stn Msd 0.3 1↑ 4↓

95/4366
FEB 14 0553 14.1s 37.41S 179.51E 12km M=4.4
1.3 0.09 0.07 R
Rsd 0.5s 12ph/9stn Dmin 109km Az.gap 295°
Corr. -0.165 26M/21stn Msd 0.2

95/4372
FEB 14 0631 15.4s 38.01S 179.24E 12km M=3.9
0.4 0.02 0.02 R
Rsd 0.2s 16ph/14stn Dmin 87km Az.gap 281°
Corr. 0.218 19M/17stn Msd 0.2 1↓

95/4373
FEB 14 0640 41.1s 37.63S 179.31E 12km M=3.8
0.4 0.02 0.03 R
Rsd 0.2s 10ph/8stn Dmin 89km Az.gap 306°
Corr. -0.156 8M/7stn Msd 0.7 1↓

95/4374
FEB 14 0643 58.8s 37.79S 179.43E 12km M=4.6
0.2 0.02 0.01 R
Rsd 0.1s 28ph/25stn Dmin 101km Az.gap 290°
Corr. -0.230 19M/10stn Msd 0.2

95/4377
FEB 14 0749 25.0s 37.70S 179.37E 12km M=3.5
0.2 0.01 0.01 R
Rsd 0.1s 10ph/7stn Dmin 95km Az.gap 301°
Corr. -0.081 7M/5stn Msd 0.4 1↓

95/4378
FEB 14 0753 56.4s 37.84S 179.45E 12km M=4.0
0.3 0.02 0.02 R
Rsd 0.2s 22ph/20stn Dmin 105km Az.gap 289°
Corr. 0.027 28M/26stn Msd 0.5 1↓

95/4379
FEB 14 0804 27.6s 38.17S 179.11E 12km M=3.5
0.4 0.02 0.03 R
Rsd 0.2s 5ph/3stn Dmin 76km Az.gap 291°
Corr. -0.056 5M/3stn Msd 0.2 1↓

95/4380
FEB 14 0851 39.3s 37.44S 179.32E 12km M=4.0
0.3 0.02 0.02 R
Rsd 0.1s 20ph/19stn Dmin 91km Az.gap 306°
Corr. 0.066 21M/16stn Msd 0.4 1↓

95/4382
FEB 14 0902 43.2s 37.21S 177.40E 105km M=3.6
0.8 0.07 0.02 6
Rsd 0.1s 11ph/10stn Dmin 103km Az.gap 282°
Corr. 0.516 12M/12stn Msd 0.2 1↓

95/4384
FEB 14 0911 10.7s 37.80S 179.60E 12km M=3.5
0.8 0.05 0.05 R
Rsd 0.5s 8ph/5stn Dmin 117km Az.gap 304°
Corr. -0.042 2M/2stn Msd 0.5

95/4387
FEB 14 0935 28.9s 38.13S 178.21E 12km M=3.6
0.2 0.02 0.02 R
Rsd 0.4s 14ph/12stn Dmin 7km Az.gap 161°
Corr. -0.423 13M/10stn Msd 0.2 1↑ 2↓

95/4388
FEB 14 0939 56.9s 37.88S 179.26E 12km M=3.9
0.5 0.02 0.03 R
Rsd 0.2s 11ph/10stn Dmin 90km Az.gap 289°
Corr. 0.248 10M/7stn Msd 0.6 1↑

95/4395
FEB 14 1055 48.0s 37.80S 179.40E 12km M=3.7
0.5 0.03 0.03 R
Rsd 0.3s 12ph/10stn Dmin 100km Az.gap 297°
Corr. 0.245 7M/7stn Msd 0.2 1↑ 1↓

95/4399
FEB 14 1131 23.9s 37.34S 179.38E 12km M=3.6
0.3 0.02 0.02 R
Rsd 0.1s 10ph/6stn Dmin 100km Az.gap 326°
Corr. 0.145 7M/5stn Msd 0.3 1↑ 1↓

95/4400
FEB 14 1141 00.8s 37.49S 179.43E 12km M=3.9
0.5 0.03 0.03 R
Rsd 0.2s 13ph/11stn Dmin 101km Az.gap 312°
Corr. 0.089 14M/11stn Msd 0.5 1↓

95/4403
FEB 14 1158 07.2s 37.73S 179.52E 12km M=4.6
0.3 0.02 0.02 R
Rsd 0.2s 36ph/33stn Dmin 109km Az.gap 291°
Corr. 0.164 24M/13stn Msd 0.3 5↑ 2↓

95/4404
FEB 14 1211 14.0s 37.75S 179.46E 12km M=4.1
0.5 0.02 0.03 R
Rsd 0.2s 12ph/10stn Dmin 104km Az.gap 300°
Corr. 0.191 13M/8stn Msd 0.7 1↑ 1↓

95/4406
FEB 14 1247 39.5s 37.71S 179.47E 12km M=4.0
0.3 0.02 0.02 R
Rsd 0.2s 28ph/26stn Dmin 104km Az.gap 301°
Corr. -0.061 39M/36stn Msd 0.2 2↑ 2↓

95/4408
FEB 14 1305 08.3s 37.04S 178.75E 12km M=3.7
0.8 0.05 0.11 R
Rsd 0.3s 7ph/5stn Dmin 74km Az.gap 347°
Corr. -0.604 7M/5stn Msd 0.2

95/4409
FEB 14 1323 39.7s 38.00S 179.21E 12km M=4.3
0.4 0.02 0.03 R
Rsd 0.3s 18ph/16stn Dmin 84km Az.gap 279°
Corr. 0.122 9M/5stn Msd 0.4 2↑ 3↓

95/4410
FEB 14 1326 09.9s 37.89S 179.31E 12km M=3.8
0.4 0.02 0.03 R
Rsd 0.2s 17ph/15stn Dmin 94km Az.gap 291°
Corr. 0.073 18M/15stn Msd 0.4 1↑ 2↓

95/4413
FEB 14 1351 35.1s 37.48S 179.37E 12km M=3.5
0.5 0.03 0.03 R
Rsd 0.2s 7ph/5stn Dmin 96km Az.gap 321°
Corr. -0.504 6M/4stn Msd 0.2

95/4418
FEB 14 1422 44.1s 37.69S 179.36E 12km M=3.8
0.2 0.02 0.02 R
Rsd 0.1s 9ph/7stn Dmin 94km Az.gap 302°
Corr. -0.410 9M/7stn Msd 0.4 1↑ 1↓

95/4421
FEB 14 1436 18.7s 37.46S 179.02E 12km M=3.8
0.7 0.02 0.05 R
Rsd 0.2s 10ph/8stn Dmin 66km Az.gap 311°
Corr. 0.052 8M/6stn Msd 0.3 1↑ 1↓

95/4430
FEB 14 1547 45.6s 37.73S 179.44E 12km M=3.7
0.4 0.02 0.02 R
Rsd 0.2s 8ph/7stn Dmin 102km Az.gap 313°
Corr. -0.028 7M/5stn Msd 0.5 1↓

95/4432
FEB 14 1601 58.9s 37.43S 179.32E 12km M=3.8
0.2 0.01 0.02 R
Rsd 0.1s 14ph/13stn Dmin 92km Az.gap 310°
Corr. -0.211 22M/20stn Msd 0.4 1↑ 2↓

95/4434
FEB 14 1616 05.3s 37.51S 179.39E 12km M=3.5
0.6 0.04 0.04 R
Rsd 0.2s 4ph/3stn Dmin 96km Az.gap 333°
Corr. -0.574 5M/3stn Msd 0.2

95/4435
FEB 14 1630 13.0s 37.52S 179.48E 12km M=4.0
0.4 0.03 0.03 R
Rsd 0.2s 16ph/15stn Dmin 105km Az.gap 311°
Corr. -0.499 27M/25stn Msd 0.2 1↓

95/4437
FEB 14 1653 53.1s 37.44S 179.33E 12km M=3.8
0.3 0.02 0.02 R
Rsd 0.1s 11ph/10stn Dmin 92km Az.gap 317°
Corr. -0.405 11M/9stn Msd 0.5 1↑

95/4438
FEB 14 1715 27.9s 37.75S 179.48E 12km M=4.3
0.5 0.03 0.03 R
Rsd 0.2s 13ph/12stn Dmin 105km Az.gap 299°
Corr. 0.223 9M/6stn Msd 0.4 2↑ 1↓

95/4444
FEB 14 1822 07.1s 37.74S 179.24E 12km M=3.6
0.4 0.02 0.02 R
Rsd 0.2s 10ph/9stn Dmin 84km Az.gap 295°
Corr. 0.268 9M/7stn Msd 0.2

95/4445
FEB 14 1822 49.3s 37.83S 179.32E 12km M=3.6
0.4 0.02 0.02 R
Rsd 0.2s 8ph/6stn Dmin 93km Az.gap 299°
Corr. 0.250 5M/3stn Msd 0.3

95/4446
FEB 14 1833 29.2s 37.46S 179.38E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.2s 15ph/14stn Dmin 97km Az.gap 313°
Corr. -0.273 29M/25stn Msd 0.2 1↑ 1↓

95/4447
FEB 14 1840 51.5s 37.49S 179.35E 12km M=3.6
0.6 0.04 0.04 R
Rsd 0.2s 6ph/5stn Dmin 94km Az.gap 320°
Corr. -0.167 4M/4stn Msd 0.2

95/4450
FEB 14 1859 14.7s 37.47S 179.39E 12km M=4.4
0.2 0.01 0.01 R
Rsd 0.1s 30ph/27stn Dmin 98km Az.gap 291°
Corr. 0.101 14M/8stn Msd 0.2 1↓

95/4456
FEB 14 2015 15.6s 37.84S 179.34E 12km M=3.9
0.2 0.01 0.01 R
Rsd 0.1s 12ph/11stn Dmin 95km Az.gap 291°
Corr. 0.260 25M/22stn Msd 0.3 1↑ 1↓

95/4457
FEB 14 2019 41.3s 37.83S 179.29E 12km M=4.0
0.2 0.01 0.01 R
Rsd 0.1s 10ph/8stn Dmin 91km Az.gap 293°
Corr. -0.099 13M/9stn Msd 0.6 1↑ 1↓

95/4462
FEB 14 2213 19.8s 37.37S 179.45E 12km M=3.9
0.2 0.01 0.01 R
Rsd 0.1s 12ph/10stn Dmin 105km Az.gap 317°
Corr. -0.055 29M/24stn Msd 0.3 1↑

95/4465
FEB 14 2234 05.5s 38.11S 179.05E 12km M=3.5
0.3 0.01 0.02 R
Rsd 0.2s 5ph/3stn Dmin 69km Az.gap 286°
Corr. -0.069 5M/3stn Msd 0.2

95/4469
FEB 14 2303 07.1s 35.77S 177.95E 196km M=4.0
0.6 0.08 0.16 16
Rsd 0.2s 10ph/8stn Dmin 205km Az.gap 319°
Corr. -0.909 15M/13stn Msd 0.2

95/4470
FEB 14 2317 15.1s 37.47S 179.34E 12km M=3.5
0.2 0.01 0.02 R
Rsd 0.1s 11ph/9stn Dmin 93km Az.gap 334°
Corr. -0.567 10M/8stn Msd 0.2 1↑ 1↓

95/4472
FEB 14 2340 37.2s 37.72S 179.36E 12km M=3.6
0.1 0.01 0.01 R
Rsd 0.1s 5ph/3stn Dmin 94km Az.gap 311°
Corr. -0.201 5M/3stn Msd 0.3

95/4478
FEB 15 0010 41.2s 37.56S 179.39E 12km M=3.5
0.4 0.03 0.03 R
Rsd 0.2s 5ph/3stn Dmin 96km Az.gap 318°
Corr. -0.468 5M/3stn Msd 0.3 1↓

95/4481
FEB 15 0017 54.3s 37.77S 179.31E 12km M=4.0
0.3 0.02 0.02 R
Rsd 0.2s 11ph/9stn Dmin 91km Az.gap 295°
Corr. -0.148 30M/26stn Msd 0.5

95/4485
FEB 15 0116 48.7s 37.49S 179.53E 12km M=5.8
0.6 0.03 0.04 R
Rsd 0.1s 43ph/41stn Dmin 110km Az.gap 293°
Corr. 0.772 39M/21stn Msd 0.3 13↑ 6↓

95/4486
FEB 15 0119 34.7s 38.22S 179.12E 12km M=3.7
0.8 0.03 0.04 R
Rsd 0.4s 5ph/3stn Dmin 78km Az.gap 291°
Corr. -0.069 3M/3stn Msd 0.2 1↑

95/4492
FEB 15 0159 32.5s 37.81S 179.45E 12km M=4.9
0.3 0.02 0.02 R
Rsd 0.2s 36ph/34stn Dmin 104km Az.gap 290°
Corr. 0.023 28M/15stn Msd 0.2 5↑ 4↓

95/4493
FEB 15 0209 53.5s 37.84S 179.37E 12km M=4.1
0.1 0.01 0.01 R
Rsd 0.1s 13ph/11stn Dmin 98km Az.gap 293°
Corr. 0.194 23M/17stn Msd 0.2 1↓

95/4495
FEB 15 0216 31.6s 37.83S 179.37E 12km M=4.3
0.3 0.01 0.02 R
Rsd 0.1s 17ph/15stn Dmin 97km Az.gap 289°
Corr. 0.094 8M/5stn Msd 0.4 1↓

95/4496
FEB 15 0222 48.4s 38.70S 175.97E 117km M=4.2
0.2 0.01 0.01 2
Rsd 0.1s 34ph/30stn Dmin 24km Az.gap 106°
Corr. -0.379 22M/20stn Msd 0.3 8↑ 3↓

95/4506
FEB 15 0443 48.9s 37.83S 179.29E 12km M=4.3
0.3 0.02 0.02 R
Rsd 0.2s 20ph/17stn Dmin 91km Az.gap 287°
Corr. -0.037 10M/6stn Msd 0.4 1↑ 1↓

95/4510
FEB 15 0503 24.7s 37.87S 179.31E 12km M=4.0
0.4 0.02 0.02 R
Rsd 0.2s 12ph/10stn Dmin 94km Az.gap 289°
Corr. 0.064 28M/22stn Msd 0.4 1↑ 1↓

95/4514
FEB 15 0604 20.7s 38.00S 179.21E 12km M=3.9
0.5 0.02 0.03 R
Rsd 0.4s 18ph/16stn Dmin 84km Az.gap 279°
Corr. 0.258 34M/30stn Msd 0.3

95/4516
FEB 15 0621 04.4s 37.37S 179.13E 12km M=3.5
1.1 0.06 0.08 R
Rsd 0.5s 6ph/4stn Dmin 77km Az.gap 323°
Corr. -0.429 5M/3stn Msd 0.2

95/4523
FEB 15 0747 24.6s 37.53S 179.55E 12km M=3.8
0.8 0.05 0.05 R
Rsd 0.4s 11ph/8stn Dmin 110km Az.gap 313°
Corr. 0.104 10M/8stn Msd 0.2 1↑ 1↓

95/4528
FEB 15 0940 10.8s 37.74S 179.43E 12km M=3.9
0.4 0.02 0.02 R
Rsd 0.2s 17ph/15stn Dmin 101km Az.gap 298°
Corr. 0.042 29M/26stn Msd 0.2 3↑ 3↓

95/4529
FEB 15 0943 01.3s 37.71S 179.57E 12km M=3.6
0.4 0.02 0.02 R
Rsd 0.2s 8ph/6stn Dmin 113km Az.gap 317°
Corr. -0.111 8M/6stn Msd 0.4 1↓

95/4534
FEB 15 1043 18.9s 37.84S 179.42E 12km M=4.2
0.3 0.02 0.02 R
Rsd 0.2s 24ph/22stn Dmin 102km Az.gap 293°
Corr. 0.222 12M/6stn Msd 0.1 4↑ 3↓

95/4536
FEB 15 1051 19.3s 37.81S 179.39E 12km M=3.5
0.4 0.02 0.03 R
Rsd 0.2s 13ph/11stn Dmin 99km Az.gap 297°
Corr. 0.422 15M/13stn Msd 0.2 2↑ 2↓

95/4537
FEB 15 1114 07.3s 37.60S 179.45E 12km M=3.7
0.4 0.02 0.02 R
Rsd 0.2s 25ph/21stn Dmin 102km Az.gap 307°
Corr. 0.052 19M/17stn Msd 0.2 1↑ 2↓

95/4538
FEB 15 1115 49.3s 37.45S 179.41E 12km M=4.4
0.3 0.02 0.02 R
Rsd 0.2s 27ph/23stn Dmin 99km Az.gap 307°
Corr. -0.245 9M/6stn Msd 0.4 1↓

95/4540
FEB 15 1126 55.0s 38.79S 175.25E 161km M=3.8
0.5 0.04 0.03 4
Rsd 0.3s 16ph/15stn Dmin 31km Az.gap 200°
Corr. -0.213 22M/22stn Msd 0.3 1↑ 2↓

95/4541
FEB 15 1136 07.2s 37.43S 179.36E 12km M=4.2
0.3 0.01 0.02 R
Rsd 0.1s 24ph/22stn Dmin 96km Az.gap 314°
Corr. -0.205 9M/5stn Msd 0.1 1↑ 4↓

95/4542
FEB 15 1139 03.9s 37.83S 179.38E 12km M=4.6
0.2 0.01 0.02 R
Rsd 0.2s 25ph/22stn Dmin 99km Az.gap 289°
Corr. 0.114 14M/8stn Msd 0.3 1↑ 1↓

95/4546
FEB 15 1219 20.1s 37.41S 179.43E 12km M=3.6
0.2 0.01 0.01 R
Rsd 0.1s 13ph/11stn Dmin 102km Az.gap 320°
Corr. -0.581 9M/7stn Msd 0.3 1↑

95/4549
FEB 15 1253 24.1s 37.88S 179.48E 12km M=3.6
0.6 0.03 0.03 R
Rsd 0.3s 8ph/8stn Dmin 109km Az.gap 306°
Corr. 0.247 6M/4stn Msd 0.3 1↓

95/4554
FEB 15 1432 06.9s 37.43S 179.51E 12km M=5.1
0.5 0.02 0.03 R
Rsd 0.2s 40ph/37stn Dmin 109km Az.gap 294°
Corr. 0.644 37M/20stn Msd 0.2 10↑ 10↓

95/4561
FEB 15 1523 18.2s 37.73S 179.49E 12km M=3.8
0.4 0.02 0.02 R
Rsd 0.2s 7ph/5stn Dmin 105km Az.gap 315°
Corr. -0.021 7M/5stn Msd 0.4 2↑ 1↓

95/4562
FEB 15 1538 25.0s 37.22S 179.81E 12km M=4.7
0.5 0.02 0.03 R
Rsd 0.2s 36ph/34stn Dmin 140km Az.gap 299°
Corr. 0.456 22M/11stn Msd 0.1 5↑ 6↓

95/4564
FEB 15 1548 13.9s 37.82S 179.70E 12km M=3.6
0.8 0.05 0.05 R
Rsd 0.5s 10ph/7stn Dmin 126km Az.gap 302°
Corr. 0.289 7M/5stn Msd 0.3

95/4565
FEB 15 1550 12.6s 37.43S 179.39E 12km M=3.6
0.3 0.02 0.02 R
Rsd 0.2s 13ph/11stn Dmin 98km Az.gap 319°
Corr. -0.297 10M/8stn Msd 0.2

95/4566
FEB 15 1551 04.1s 37.53S 179.47E 12km M=3.9
1.6 0.10 0.11 R
Rsd 0.9s 9ph/7stn Dmin 103km Az.gap 312°
Corr. -0.128 7M/4stn Msd 0.7 1↓

95/4567
FEB 15 1553 11.5s 37.50S 179.48E 12km M=3.5
0.4 0.03 0.02 R
Rsd 0.2s 8ph/6stn Dmin 104km Az.gap 322°
Corr. -0.201 4M/2stn Msd 0.4 1↑

95/4570
FEB 15 1609 38.3s 37.31S 179.72E 12km M=3.8
0.6 0.04 0.05 R
Rsd 0.3s 12ph/10stn Dmin 129km Az.gap 320°
Corr. -0.262 12M/10stn Msd 0.2 1↓

95/4572
FEB 15 1620 59.4s 37.64S 179.37E 14km M=4.3
0.9 0.03 0.05 5
Rsd 0.3s 15ph/13stn Dmin 94km Az.gap 291°
Corr. -0.097 8M/5stn Msd 0.4 1↑ 2↓

95/4573
FEB 15 1626 31.7s 37.48S 179.53E 12km M=3.8
0.4 0.03 0.03 R
Rsd 0.2s 10ph/8stn Dmin 110km Az.gap 315°
Corr. 0.004 12M/10stn Msd 0.3 1↑ 2↓

95/4575
FEB 15 1645 50.7s 37.40S 179.78E 12km M=3.6
0.7 0.06 0.05 R
Rsd 0.3s 10ph/8stn Dmin 132km Az.gap 326°
Corr. -0.481 10M/8stn Msd 0.1

95/4576
FEB 15 1649 02.8s 37.36S 179.72E 12km M=4.1
0.4 0.02 0.03 R
Rsd 0.1s 27ph/24stn Dmin 128km Az.gap 297°
Corr. -0.286 45M/42stn Msd 0.2

95/4578
FEB 15 1726 32.7s 37.81S 179.02E 12km M=3.7
1.0 0.03 0.07 R
Rsd 0.4s 10ph/8stn Dmin 68km Az.gap 283°
Corr. 0.290 7M/6stn Msd 0.7 1↓

95/4579
FEB 15 1729 36.3s 37.57S 179.49E 12km M=4.7
1.1 0.05 0.07 R
Rsd 0.1s 16ph/16stn Dmin 105km Az.gap 307°
Corr. 0.890 11M/6stn Msd 0.2

95/4580
FEB 15 1739 50.8s 37.52S 179.37E 12km M=4.7
0.6 0.03 0.04 R
Rsd 0.1s 34ph/33stn Dmin 95km Az.gap 291°
Corr. 0.713 28M/15stn Msd 0.2 1↑

95/4583
FEB 15 1809 56.8s 37.71S 178.88E 12km M=3.7
1.1 0.03 0.07 R
Rsd 0.3s 7ph/6stn Dmin 52km Az.gap 293°
Corr. 0.721 8M/6stn Msd 0.3

95/4588
FEB 15 1857 00.9s 37.73S 179.54E 12km M=4.1
1.2 0.04 0.08 R
Rsd 0.3s 21ph/20stn Dmin 110km Az.gap 291°
Corr. 0.669 37M/30stn Msd 0.3 1↓

95/4589
FEB 15 1900 35.7s 37.30S 179.71E 12km M=4.9
2.3 0.09 0.15 R
Rsd 0.2s 22ph/21stn Dmin 129km Az.gap 297°
Corr. 0.914 14M/7stn Msd 0.3 1↑ 1↓

95/4591
FEB 15 1919 00.8s 37.47S 179.07E 12km M=4.1
1.2 0.06 0.06 R
Rsd 0.1s 10ph/9stn Dmin 69km Az.gap 317°
Corr. 0.906 16M/14stn Msd 0.5

95/4592
FEB 15 1941 35.5s 37.81S 179.53E 12km M=3.9
1.0 0.04 0.06 R
Rsd 0.4s 11ph/6stn Dmin 111km Az.gap 297°
Corr. 0.468 6M/6stn Msd 0.7

95/4594
FEB 15 1957 01.2s 37.35S 179.50E 12km M=4.0
1.2 0.07 0.07 R
Rsd 0.2s 10ph/10stn Dmin 110km Az.gap 317°
Corr. 0.840 27M/27stn Msd 0.2

95/4595
FEB 15 2016 03.3s 37.34S 177.13E 5km M=3.6
0.6 0.03 0.04 R
Rsd 0.5s 14ph/12stn Dmin 21km Az.gap 169°
Corr. 0.427 11M/6stn Msd 0.3 1↑

95/4598
FEB 15 2048 31.4s 37.86S 178.55E 12km M=3.6
0.9 0.01 0.09 R
Rsd 0.3s 4ph/3stn Dmin 37km Az.gap 244°
Corr. 0.598 5M/5stn Msd 0.9 1↓

95/4599
FEB 15 2051 49.5s 37.94S 178.88E 12km M=3.7
0.5 0.01 0.03 R
Rsd 0.1s 13ph/11stn Dmin 63km Az.gap 268°
Corr. 0.268 20M/19stn Msd 0.2 2↑ 4↓

95/4600
FEB 15 2056 41.7s 37.86S 179.17E 12km M=3.6
0.5 0.02 0.03 R
Rsd 0.2s 13ph/11stn Dmin 82km Az.gap 285°
Corr. 0.613 16M/16stn Msd 0.2 3↑ 2↓

95/4601
FEB 15 2111 36.7s 37.65S 179.67E 44km M=3.9
1.2 0.03 0.09 R
Rsd 0.1s 17ph/17stn Dmin 121km Az.gap 306°
Corr. 0.929 13M/13stn Msd 0.2 3↑ 1↓

95/4608
FEB 15 2300 03.9s 38.06S 179.36E 12km M=4.0
2.7 0.06 0.19 R
Rsd 0.8s 9ph/8stn Dmin 106km Az.gap 281°
Corr. 0.152 8M/6stn Msd 0.9 1↓

95/4609
FEB 15 2330 02.0s 37.56S 179.72E 12km M=3.7
1.1 0.03 0.07 R
Rsd 0.3s 9ph/7stn Dmin 125km Az.gap 318°
Corr. 0.080 7M/7stn Msd 0.2

95/4610
FEB 15 2336 11.1s 37.68S 179.43E 12km M=5.4
1.8 0.06 0.13 R
Rsd 0.2s 36ph/35stn Dmin 100km Az.gap 291°
Corr. 0.800 38M/20stn Msd 0.3 1↑ 4↓

95/4616
FEB 16 0127 27.2s 37.84S 179.39E 12km M=3.7
1.0 0.03 0.07 R
Rsd 0.3s 8ph/7stn Dmin 100km Az.gap 294°
Corr. 0.445 8M/8stn Msd 0.1 1↓

95/4621
FEB 16 0303 23.2s 37.82S 179.03E 12km M=4.3
0.4 0.02 0.03 R
Rsd 0.2s 15ph/14stn Dmin 69km Az.gap 282°
Corr. 0.211 33M/28stn Msd 0.3 1↓

95/4623
FEB 16 0351 42.6s 38.40S 179.15E 12km M=4.0
1.1 0.04 0.07 R
Rsd 0.3s 10ph/8stn Dmin 100km Az.gap 270°
Corr. -0.804 14M/10stn Msd 0.3

95/4631
FEB 16 0605 51.3s 37.69S 179.42E 12km M=3.8
0.3 0.02 0.02 R
Rsd 0.1s 14ph/13stn Dmin 99km Az.gap 290°
Corr. 0.784 23M/22stn Msd 0.4

95/4633
FEB 16 0623 57.1s 37.59S 179.77E 12km M=4.6
2.0 0.07 0.13 R
Rsd 0.2s 25ph/25stn Dmin 130km Az.gap 290°
Corr. 0.960 16M/9stn Msd 0.2 1↓

95/4636
FEB 16 0652 55.4s 37.60S 179.70E 12km M=4.6
0.4 0.02 0.03 R
Rsd 0.1s 24ph/23stn Dmin 124km Az.gap 289°
Corr. 0.662 14M/8stn Msd 0.3 2↑ 2↓

95/4638
FEB 16 0709 47.5s 37.14S 179.51E 12km M=3.7
0.2 0.02 0.01 R
Rsd 0.1s 4ph/3stn Dmin 119km Az.gap 326°
Corr. -0.197 3M/3stn Msd 0.3

95/4642
FEB 16 0747 23.7s 35.76S 179.23E 33km M=3.8
0.4 0.03 0.03 R
Rsd 0.1s 7ph/7stn Dmin 329km Az.gap 336°
Corr. -0.204 8M/8stn Msd 0.4 1↓

95/4644
FEB 16 0808 58.9s 37.47S 179.40E 12km M=3.9
0.4 0.03 0.02 R
Rsd 0.1s 26ph/25stn Dmin 98km Az.gap 291°
Corr. 0.477 38M/37stn Msd 0.3 2↑ 1↓

95/4645
FEB 16 0817 45.2s 37.67S 179.71E 12km M=3.7
3.4 0.10 0.24 R
Rsd 0.1s 16ph/16stn Dmin 180km Az.gap 311°
Corr. 0.970 18M/18stn Msd 0.2

95/4649
FEB 16 0851 41.9s 37.46S 179.48E 12km M=4.3
0.3 0.02 0.02 R
Rsd 0.1s 37ph/35stn Dmin 105km Az.gap 287°
Corr. 0.655 13M/8stn Msd 0.1 4↑ 8↓

95/4651
FEB 16 1008 25.4s 37.46S 179.49E 12km M=3.7
0.4 0.02 0.02 R
Rsd 0.1s 13ph/12stn Dmin 106km Az.gap 287°
Corr. 0.665 15M/15stn Msd 0.2 1↓

95/4654
FEB 16 1029 05.1s 37.53S 179.30E 12km M=3.8
0.6 0.03 0.04 R
Rsd 0.2s 20ph/19stn Dmin 89km Az.gap 284°
Corr. 0.641 27M/26stn Msd 0.2 2↑ 4↓

95/4656
FEB 16 1113 42.3s 37.56S 179.49E 12km M=4.1
1.5 0.06 0.10 R
Rsd 0.1s 21ph/20stn Dmin 105km Az.gap 287°
Corr. 0.801 41M/35stn Msd 0.4 1↓

95/4659
FEB 16 1148 39.0s 37.78S 179.04E 12km M=3.5
0.8 0.02 0.06 R
Rsd 0.2s 11ph/9stn Dmin 68km Az.gap 282°
Corr. 0.386 10M/10stn Msd 0.6 1↓
Felt Rukuhanga (29).

95/4660
FEB 16 1157 51.8s 37.85S 179.24E 12km M=3.8
0.8 0.02 0.06 R
Rsd 0.3s 11ph/9stn Dmin 87km Az.gap 288°
Corr. 0.285 24M/23stn Msd 0.4

95/4662
FEB 16 1428 03.0s 37.91S 179.12E 12km M=3.6
0.5 0.01 0.04 R
Rsd 0.2s 10ph/8stn Dmin 80km Az.gap 281°
Corr. -0.030 17M/16stn Msd 0.5

95/4666
FEB 16 1542 09.2s 37.23S 179.59E 12km M=3.5
0.3 0.02 0.02 R
Rsd 0.1s 15ph/14stn Dmin 121km Az.gap 316°
Corr. 0.469 11M/11stn Msd 0.2 1↓

95/4668
FEB 16 1624 16.3s 37.87S 179.20E 12km M=3.5
1.1 0.04 0.08 R
Rsd 0.3s 9ph/8stn Dmin 85km Az.gap 288°
Corr. 0.793 7M/7stn Msd 0.1 1↑ 1↓

95/4669
FEB 16 1639 26.4s 37.69S 179.09E 12km M=4.0
1.1 0.04 0.07 R
Rsd 0.2s 13ph/12stn Dmin 70km Az.gap 288°
Corr. 0.837 19M/17stn Msd 0.3 2↑ 1↓

95/4670
FEB 16 1644 12.9s 37.83S 179.27E 12km M=4.3
0.9 0.03 0.06 R
Rsd 0.3s 24ph/23stn Dmin 89km Az.gap 284°
Corr. 0.764 10M/6stn Msd 0.3 1↑ 2↓

95/4674
FEB 16 1755 36.8s 38.17S 179.22E 12km M=3.6
1.2 0.02 0.09 R
Rsd 0.3s 11ph/9stn Dmin 103km Az.gap 274°
Corr. 0.282 10M/10stn Msd 0.6

95/4676
FEB 16 1857 54.9s 37.53S 179.52E 12km M=3.7
0.4 0.03 0.02 R
Rsd 0.1s 10ph/9stn Dmin 108km Az.gap 288°
Corr. 0.352 14M/14stn Msd 0.5

95/4678
FEB 16 2021 27.2s 37.71S 179.28E 12km M=3.9
0.8 0.04 0.05 R
Rsd 0.3s 13ph/11stn Dmin 88km Az.gap 298°
Corr. 0.449 30M/28stn Msd 0.3

95/4679
FEB 16 2025 49.8s 37.49S 179.40E 12km M=3.9
0.4 0.02 0.03 R
Rsd 0.1s 17ph/16stn Dmin 97km Az.gap 286°
Corr. 0.543 24M/23stn Msd 0.3 1↑ 1↓

95/4685
FEB 16 2129 05.2s 38.00S 179.21E 12km M=3.6
0.8 0.02 0.06 R
Rsd 0.3s 12ph/10stn Dmin 91km Az.gap 282°
Corr. 0.488 13M/13stn Msd 0.2 1↓

95/4686
FEB 16 2145 09.6s 37.61S 179.34E 12km M=3.9
1.4 0.06 0.09 R
Rsd 0.1s 14ph/14stn Dmin 92km Az.gap 285°
Corr. 0.935 24M/19stn Msd 0.4

95/4687
FEB 16 2348 30.3s 35.99S 179.87W 12km M=4.0
0.7 0.03 0.05 R
Rsd 0.1s 10ph/9stn Dmin 242km Az.gap 317°
Corr. 0.390 10M/10stn Msd 0.2

95/4694
FEB 17 0026 28.9s 37.33S 179.69E 12km M=4.1
0.3 0.03 0.02 R
Rsd 0.1s 17ph/16stn Dmin 126km Az.gap 290°
Corr. 0.198 37M/33stn Msd 0.3 1↑ 1↓

95/4695
FEB 17 0100 16.8s 37.71S 179.55E 12km M=5.5
0.7 0.03 0.04 R
Rsd 0.2s 43ph/42stn Dmin 111km Az.gap 287°
Corr. 0.773 45M/23stn Msd 0.2 9↑ 5↓
Felt Rukuhanga Stn (29).

95/4696
FEB 17 0103 45.6s 38.11S 179.32E 12km M=4.7
0.4 0.01 0.03 R
Rsd 0.2s 39ph/35stn Dmin 106km Az.gap 278°
Corr. 0.513 27M/15stn Msd 0.2 1↓

95/4697
FEB 17 0105 45.9s 37.28S 179.58E 12km M=4.2
0.5 0.06 0.03 R
Rsd 0.2s 14ph/13stn Dmin 118km Az.gap 289°
Corr. -0.053 34M/28stn Msd 0.2 1↑

95/4701
FEB 17 0224 16.8s 38.02S 179.02E 12km M=3.8
2.1 0.05 0.16 R
Rsd 0.5s 5ph/4stn Dmin 79km Az.gap 272°
Corr. 0.697 5M/4stn Msd 0.9

95/4702
FEB 17 0246 30.8s 37.85S 179.37E 12km M=4.0
1.0 0.03 0.07 R
Rsd 0.2s 11ph/10stn Dmin 98km Az.gap 284°
Corr. 0.136 29M/26stn Msd 0.3

95/4703
FEB 17 0325 04.8s 37.95S 178.67E 12km M=3.8
0.6 0.01 0.04 R
Rsd 0.2s 10ph/8stn Dmin 50km Az.gap 253°
Corr. 0.188 19M/17stn Msd 0.6 1↓

95/4706
FEB 17 0450 52.0s 38.03S 179.04E 12km M=3.7
1.3 0.03 0.09 R
Rsd 0.5s 8ph/6stn Dmin 81km Az.gap 272°
Corr. 0.566 4M/4stn Msd 0.2 1↓

95/4709
FEB 17 0602 59.2s 37.77S 179.48E 12km M=4.5
0.5 0.02 0.03 R
Rsd 0.1s 21ph/19stn Dmin 106km Az.gap 286°
Corr. 0.754 11M/6stn Msd 0.3 1↑

95/4711
FEB 17 0615 15.6s 37.90S 178.93E 12km M=3.6
1.4 0.03 0.09 R
Rsd 0.5s 7ph/5stn Dmin 65km Az.gap 283°
Corr. 0.318 9M/8stn Msd 0.7

95/4712
FEB 17 0619 10.4s 37.94S 178.94E 12km M=3.8
0.6 0.02 0.04 R
Rsd 0.2s 12ph/10stn Dmin 68km Az.gap 269°
Corr. 0.474 20M/19stn Msd 0.4 1↑

95/4714
FEB 17 0626 20.6s 37.61S 179.51E 12km M=4.7
0.6 0.03 0.04 R
Rsd 0.2s 23ph/22stn Dmin 107km Az.gap 287°
Corr. 0.614 14M/7stn Msd 0.4 2↑ 4↓

95/4716
FEB 17 0636 58.0s 37.97S 178.87E 12km M=4.1
0.6 0.02 0.05 R
Rsd 0.1s 15ph/14stn Dmin 65km Az.gap 263°
Corr. 0.762 40M/36stn Msd 0.2 1↑ 5↓

95/4717
FEB 17 0644 32.5s 37.86S 179.19E 12km M=3.6
1.4 0.05 0.10 R
Rsd 0.4s 14ph/13stn Dmin 83km Az.gap 286°
Corr. 0.862 18M/18stn Msd 0.2 1↑

95/4720
FEB 17 0716 02.7s 38.54S 175.80E 151km M=4.3
0.7 0.02 0.02 6
Rsd 0.1s 24ph/22stn Dmin 32km Az.gap 187°
Corr. -0.728 23M/21stn Msd 0.2 5↑ 2↓

95/4723
FEB 17 0752 08.3s 37.52S 179.79E 12km M=4.2
2.0 0.07 0.13 R
Rsd 0.1s 23ph/23stn Dmin 132km Az.gap 290°
Corr. 0.945 47M/42stn Msd 0.2 1↓

95/4728
FEB 17 0926 51.0s 37.98S 178.99E 12km M=3.6
0.8 0.02 0.06 R
Rsd 0.3s 16ph/15stn Dmin 74km Az.gap 271°
Corr. -0.115 18M/18stn Msd 0.2 1↑

95/4729
FEB 17 0929 50.7s 37.99S 179.50E 12km M=3.9
0.5 0.02 0.03 R
Rsd 0.1s 17ph/16stn Dmin 114km Az.gap 288°
Corr. 0.754 28M/26stn Msd 0.3

95/4734
FEB 17 1259 17.3s 37.82S 179.38E 12km M=3.6
0.9 0.04 0.06 R
Rsd 0.3s 18ph/16stn Dmin 98km Az.gap 296°
Corr. 0.735 11M/11stn Msd 0.2 1↑

95/4735
FEB 17 1327 14.8s 37.66S 179.54E 12km M=3.6
1.2 0.05 0.07 R
Rsd 0.3s 9ph/7stn Dmin 110km Az.gap 318°
Corr. 0.387 5M/5stn Msd 0.2 1↑

95/4740
FEB 17 1420 11.9s 37.28S 179.48E 12km M=4.0
2.0 0.09 0.12 R
Rsd 0.2s 21ph/20stn Dmin 111km Az.gap 287°
Corr. 0.903 26M/24stn Msd 0.4 1↑ 1↓

95/4744
FEB 17 1506 27.5s 38.40S 175.51E 239km M=3.6
0.7 0.05 0.05 6
Rsd 0.3s 12ph/9stn Dmin 87km Az.gap 210°
Corr. -0.200 15M/15stn Msd 0.2 1↑

95/4746
FEB 17 1642 41.6s 37.83S 179.33E 12km M=4.0
0.4 0.02 0.03 R
Rsd 0.2s 24ph/21stn Dmin 94km Az.gap 294°
Corr. 0.652 29M/29stn Msd 0.3 1↓

95/4749
FEB 17 1743 49.0s 37.70S 178.54E 12km M=3.8
1.5 0.06 0.11 R
Rsd 0.2s 11ph/10stn Dmin 24km Az.gap 266°
Corr. 0.929 10M/6stn Msd 0.2 1↓

95/4757
FEB 17 2134 38.9s 42.98S 171.38E 5km M=4.8
0.1 0.00 0.00 R
Rsd 0.1s 16ph/11stn Dmin 53km Az.gap 117°
Corr. -0.362 21M/11stn Msd 0.2 1↓
Felt Arthur's Pass district (93,99,100) maximum intensity MM5.

95/4759
FEB 17 2140 40.3s 43.00S 171.37E 5km M=3.5
0.1 0.01 0.01 R
Rsd 0.2s 16ph/14stn Dmin 53km Az.gap 122°
Corr. -0.481 24M/20stn Msd 0.2 1↓

95/4765
FEB 17 2346 13.2s 37.58S 179.62E 12km M=4.1
0.2 0.01 0.01 R
Rsd 0.1s 22ph/20stn Dmin 117km Az.gap 289°
Corr. 0.271 5M/5stn Msd 0.2

95/4766
FEB 17 2346 20.8s 37.70S 179.60E 12km M=4.4
0.5 0.03 0.03 R
Rsd 0.2s 29ph/27stn Dmin 115km Az.gap 292°
Corr. 0.664 16M/9stn Msd 0.3

95/4769
FEB 18 0037 43.4s 38.22S 179.37E 12km M=4.1
2.0 0.02 0.16 R
Rsd 0.2s 14ph/14stn Dmin 117km Az.gap 275°
Corr. 0.484 25M/20stn Msd 0.4 1↑ 1↓

95/4770
FEB 18 0101 26.5s 38.10S 179.04E 12km M=3.7
1.0 0.02 0.08 R
Rsd 0.4s 11ph/8stn Dmin 86km Az.gap 269°
Corr. 0.014 8M/7stn Msd 0.7 1↓

95/4774
FEB 18 0154 33.6s 37.81S 179.39E 12km M=3.9
0.9 0.04 0.06 R
Rsd 0.3s 9ph/7stn Dmin 99km Az.gap 302°
Corr. 0.639 7M/6stn Msd 0.7 1↓

95/4775
FEB 18 0202 01.9s 37.64S 176.39E 163km M=3.5
1.5 0.09 0.16 30
Rsd 0.3s 9ph/8stn Dmin 169km Az.gap 242°
Corr. -0.904 15M/15stn Msd 0.1

95/4776
FEB 18 0210 18.2s 37.98S 179.18E 12km M=3.9
0.6 0.03 0.04 R
Rsd 0.2s 11ph/8stn Dmin 88km Az.gap 281°
Corr. -0.224 9M/8stn Msd 0.6

95/4782
FEB 18 0422 03.6s 37.83S 179.36E 12km M=4.0
0.4 0.03 0.03 R
Rsd 0.3s 17ph/14stn Dmin 97km Az.gap 284°
Corr. -0.354 34M/28stn Msd 0.3 1↓

95/4783
FEB 18 0429 19.3s 37.47S 179.51E 12km M=4.6
0.3 0.02 0.02 R
Rsd 0.1s 27ph/25stn Dmin 107km Az.gap 287°
Corr. 0.423 22M/12stn Msd 0.3 1↑ 2↓

95/4784
FEB 18 0435 00.6s 37.33S 179.02E 12km M=3.7
0.3 0.02 0.02 R
Rsd 0.1s 14ph/12stn Dmin 70km Az.gap 317°
Corr. -0.341 21M/19stn Msd 0.2 1↓

95/4785
FEB 18 0446 52.9s 37.53S 179.42E 12km M=4.0
0.2 0.02 0.02 R
Rsd 0.1s 14ph/12stn Dmin 99km Az.gap 286°
Corr. -0.384 22M/17stn Msd 0.5

95/4796
FEB 18 0639 25.7s 37.80S 179.08E 12km M=3.8
0.2 0.01 0.01 R
Rsd 0.1s 13ph/11stn Dmin 72km Az.gap 286°
Corr. -0.018 18M/14stn Msd 0.5 1↓

95/4799
FEB 18 0745 33.4s 37.49S 179.55E 12km M=4.5
0.3 0.02 0.02 R
Rsd 0.2s 26ph/23stn Dmin 111km Az.gap 288°
Corr. 0.118 9M/5stn Msd 0.2 4↑ 1↓

95/4803
FEB 18 0852 56.6s 37.51S 179.26E 12km M=3.7
0.2 0.01 0.01 R
Rsd 0.1s 20ph/18stn Dmin 85km Az.gap 282°
Corr. 0.016 20M/18stn Msd 0.2 1↑ 3↓

95/4804
FEB 18 0900 36.7s 37.54S 179.64E 12km M=4.4
0.4 0.03 0.03 R
Rsd 0.2s 28ph/26stn Dmin 119km Az.gap 288°
Corr. -0.119 9M/6stn Msd 0.4 1↓

95/4806
FEB 18 0912 09.1s 37.57S 179.40E 12km M=3.5
1.5 0.11 0.09 R
Rsd 0.9s 6ph/4stn Dmin 97km Az.gap 315°
Corr. -0.209 6M/4stn Msd 0.3

95/4808
FEB 18 0914 03.8s 38.02S 179.23E 12km M=4.7
0.1 0.01 0.01 R
Rsd 0.1s 30ph/28stn Dmin 85km Az.gap 279°
Corr. 0.153 35M/19stn Msd 0.2 1↑ 3↓

95/4809
FEB 18 0917 32.1s 37.62S 179.54E 12km M=3.6
1.2 0.10 0.07 R
Rsd 0.7s 7ph/5stn Dmin 110km Az.gap 313°
Corr. -0.127 6M/4stn Msd 0.4 1↓

95/4819
FEB 18 1111 59.3s 37.53S 179.53E 12km M=4.3
0.3 0.03 0.03 R
Rsd 0.1s 22ph/20stn Dmin 109km Az.gap 288°
Corr. -0.625 8M/5stn Msd 0.2 1↓

95/4820
FEB 18 1115 47.3s 37.54S 179.45E 12km M=4.4
0.2 0.02 0.02 R
Rsd 0.1s 30ph/28stn Dmin 102km Az.gap 286°
Corr. -0.261 11M/6stn Msd 0.4 2↑ 3↓

95/4832
FEB 18 1231 47.9s 37.12S 177.43E 5km M=3.6
0.4 0.03 0.02 R
Rsd 0.4s 19ph/17stn Dmin 51km Az.gap 200°
Corr. 0.241 18M/17stn Msd 0.3 1↑ 2↓

95/4833
FEB 18 1234 29.0s 37.37S 179.44E 12km M=3.6
0.2 0.01 0.02 R
Rsd 0.1s 17ph/15stn Dmin 104km Az.gap 286°
Corr. -0.484 23M/21stn Msd 0.2 1↓

95/4838
FEB 18 1327 32.1s 38.22S 179.08E 12km M=3.6
0.2 0.01 0.01 R
Rsd 0.1s 10ph/8stn Dmin 74km Az.gap 265°
Corr. 0.053 11M/8stn Msd 0.7 1↑

95/4842
FEB 18 1353 27.2s 37.46S 179.42E 12km M=3.9
0.2 0.01 0.01 R
Rsd 0.1s 24ph/23stn Dmin 100km Az.gap 286°
Corr. 0.055 28M/26stn Msd 0.2 2↑ 1↓

95/4858
FEB 18 1608 07.5s 38.23S 179.11E 12km M=3.5
0.6 0.02 0.04 R
Rsd 0.3s 10ph/9stn Dmin 77km Az.gap 267°
Corr. 0.115 17M/15stn Msd 0.5 1↑

95/4859
FEB 18 1612 20.5s 37.65S 179.51E 12km M=3.7
0.3 0.02 0.02 R
Rsd 0.2s 13ph/12stn Dmin 107km Az.gap 311°
Corr. -0.179 10M/8stn Msd 0.3 1↑ 1↓

95/4860
FEB 18 1623 01.8s 37.63S 179.41E 12km M=3.7
0.5 0.03 0.03 R
Rsd 0.2s 8ph/7stn Dmin 98km Az.gap 315°
Corr. -0.136 5M/3stn Msd 0.5 1↑ 1↓

95/4868
FEB 18 1727 05.1s 37.39S 179.39E 12km M=4.3
0.3 0.02 0.02 R
Rsd 0.2s 29ph/26stn Dmin 99km Az.gap 285°
Corr. -0.104 10M/6stn Msd 0.1 1↑ 3↓

95/4870
FEB 18 1827 27.2s 37.47S 179.13E 12km M=3.5
1.1 0.05 0.07 R
Rsd 0.4s 6ph/5stn Dmin 74km Az.gap 318°
Corr. 0.063 5M/3stn Msd 0.3 1↓

95/4871
FEB 18 1901 40.3s 38.02S 179.61E 12km M=3.6
1.8 0.08 0.11 R
Rsd 0.7s 7ph/6stn Dmin 119km Az.gap 290°
Corr. -0.082 7M/5stn Msd 0.3 1↓

95/4879
FEB 18 2021 30.5s 37.92S 179.35E 12km M=4.6
0.3 0.02 0.02 R
Rsd 0.2s 21ph/19stn Dmin 97km Az.gap 283°
Corr. -0.074 8M/4stn Msd 0.5 2↑ 3↓

95/4882
FEB 18 2103 07.0s 37.82S 179.32E 12km M=3.8
0.3 0.02 0.02 R
Rsd 0.2s 16ph/14stn Dmin 93km Az.gap 283°
Corr. -0.116 30M/24stn Msd 0.2 1↓

95/4883
FEB 18 2116 12.7s 37.51S 179.16E 12km M=3.7
0.9 0.07 0.06 R
Rsd 0.4s 5ph/3stn Dmin 76km Az.gap 316°
Corr. -0.452 5M/3stn Msd 0.3

95/4888
FEB 18 2240 16.3s 40.64S 178.39E 33km M=3.8
0.2 0.01 0.01 R
Rsd 0.1s 20ph/16stn Dmin 179km Az.gap 261°
Corr. -0.731 19M/16stn Msd 0.5

95/4898
FEB 19 0118 05.4s 37.04S 177.52E 12km M=3.6
0.2 0.02 0.01 R
Rsd 0.1s 8ph/7stn Dmin 93km Az.gap 211°
Corr. 0.668 7M/6stn Msd 0.2

95/4907
FEB 19 0325 23.7s 37.95S 179.26E 12km M=4.4
0.4 0.02 0.02 R
Rsd 0.2s 13ph/11stn Dmin 89km Az.gap 283°
Corr. 0.059 10M/6stn Msd 0.3 1↑

95/4912
FEB 19 0424 58.9s 37.18S 177.42E 110km M=4.2
0.3 0.03 0.01 3
Rsd 0.2s 29ph/26stn Dmin 44km Az.gap 194°
Corr. 0.482 22M/18stn Msd 0.2 2↑ 4↓

95/4914
FEB 19 0445 40.4s 37.41S 179.39E 12km M=4.0
0.2 0.01 0.02 R
Rsd 0.1s 16ph/14stn Dmin 99km Az.gap 293°
Corr. -0.168 23M/19stn Msd 0.2 1↓

95/4918
FEB 19 0515 02.1s 37.68S 179.36E 12km M=3.7
0.9 0.05 0.05 R
Rsd 0.5s 8ph/6stn Dmin 94km Az.gap 308°
Corr. -0.067 5M/3stn Msd 0.3 1↓

95/4928
FEB 19 0829 49.0s 37.25S 177.40E 12km M=3.6
0.3 0.02 0.01 R
Rsd 0.3s 18ph/16stn Dmin 36km Az.gap 186°
Corr. 0.419 27M/20stn Msd 0.2

95/4930
FEB 19 0837 29.5s 37.11S 177.37E 12km M=3.9
0.6 0.05 0.02 R
Rsd 0.3s 14ph/11stn Dmin 98km Az.gap 262°
Corr. -0.004 9M/5stn Msd 0.3 1↑ 1↓

95/4933
FEB 19 0943 55.1s 37.55S 176.72E 236km M=3.5
0.3 0.06 0.08 7
Rsd 0.0s 12ph/10stn Dmin 166km Az.gap 290°
Corr. -0.991 8M/8stn Msd 0.2

95/4934
FEB 19 1027 23.3s 37.89S 179.30E 12km M=3.9
0.7 0.03 0.05 R
Rsd 0.3s 18ph/17stn Dmin 94km Az.gap 288°
Corr. 0.162 27M/24stn Msd 0.3 1↓

95/4944
FEB 19 1237 09.9s 41.82S 173.81E 44km M=3.6
0.1 0.01 0.01 3
Rsd 0.2s 24ph/19stn Dmin 14km Az.gap 122°
Corr. -0.468 17M/15stn Msd 0.2 2↑ 9↓

95/4951
FEB 19 1506 01.1s 38.21S 179.14E 12km M=3.9
0.2 0.01 0.01 R
Rsd 0.1s 12ph/10stn Dmin 79km Az.gap 266°
Corr. 0.050 26M/20stn Msd 0.3

95/4953
FEB 19 1615 20.5s 38.01S 179.17E 12km M=3.7
0.5 0.03 0.03 R
Rsd 0.4s 10ph/8stn Dmin 81km Az.gap 278°
Corr. -0.019 14M/11stn Msd 0.5

95/4958
FEB 19 1722 52.9s 38.19S 179.11E 12km M=3.6
0.1 0.01 0.01 R
Rsd 0.1s 5ph/3stn Dmin 75km Az.gap 291°
Corr. 0.004 5M/3stn Msd 0.3

95/4960
FEB 19 1904 09.0s 38.14S 179.15E 12km M=4.6
0.3 0.02 0.02 R
Rsd 0.2s 19ph/17stn Dmin 79km Az.gap 270°
Corr. -0.026 17M/9stn Msd 0.2 1↑ 1↓

95/4961
FEB 19 1911 57.5s 38.27S 179.17E 12km M=3.8
0.4 0.01 0.02 R
Rsd 0.2s 7ph/5stn Dmin 83km Az.gap 274°
Corr. 0.162 8M/6stn Msd 0.1

95/4973
FEB 20 0104 02.6s 37.62S 179.51E 12km M=4.4
0.7 0.04 0.05 R
Rsd 0.2s 23ph/22stn Dmin 107km Az.gap 287°
Corr. 0.628 9M/5stn Msd 0.3 1↓

95/4978
FEB 20 0355 24.2s 45.08S 167.48E 89km M=3.5
0.1 0.01 0.01 1
Rsd 0.1s 18ph/15stn Dmin 57km Az.gap 232°
Corr. -0.326 19M/15stn Msd 0.1 9↑ 2↓

95/4979
FEB 20 0408 43.1s 47.62S 165.81E 33km M=3.8
0.9 0.05 0.07 R
Rsd 0.3s 15ph/12stn Dmin 194km Az.gap 321°
Corr. -0.122 17M/15stn Msd 0.2 1↓

95/4983
FEB 20 0636 13.0s 38.49S 175.72E 182km M=4.3
0.6 0.03 0.01 5
Rsd 0.1s 19ph/18stn Dmin 49km Az.gap 185°
Corr. 0.093 22M/20stn Msd 0.3 4↑ 1↓

95/4993
FEB 20 1114 38.3s 38.29S 176.07E 170km M=3.6
0.6 0.02 0.03 5
Rsd 0.2s 18ph/16stn Dmin 11km Az.gap 169°
Corr. -0.083 7M/7stn Msd 0.2 1↑

95/4995
FEB 20 1233 14.7s 38.87S 179.92W 12km M=4.3
1.1 0.07 0.06 R
Rsd 0.3s 10ph/9stn Dmin 179km Az.gap 326°
Corr. -0.556 16M/11stn Msd 0.2

95/4997
FEB 20 1254 30.7s 37.22S 177.42E 12km M=3.8
0.2 0.02 0.01 R
Rsd 0.2s 13ph/9stn Dmin 40km Az.gap 190°
Corr. 0.373 12M/6stn Msd 0.2 1↑ 1↓

95/5000
FEB 20 1417 00.7s 37.63S 179.16E 12km M=3.8
0.4 0.02 0.03 R
Rsd 0.1s 11ph/9stn Dmin 76km Az.gap 284°
Corr. 0.481 15M/14stn Msd 0.2

95/5001
FEB 20 1418 17.0s 36.63S 177.54E 12km M=4.0
0.7 0.05 0.02 R
Rsd 0.3s 8ph/6stn Dmin 127km Az.gap 295°
Corr. 0.219 6M/6stn Msd 0.2

95/5013
FEB 20 2337 39.6s 37.88S 179.21E 12km M=3.9
0.9 0.03 0.06 R
Rsd 0.4s 14ph/11stn Dmin 86km Az.gap 282°
Corr. 0.525 21M/17stn Msd 0.2

95/5019
FEB 21 0100 31.0s 37.48S 179.72W 12km M=4.7
0.9 0.03 0.06 R
Rsd 0.2s 25ph/24stn Dmin 176km Az.gap 295°
Corr. 0.394 14M/8stn Msd 0.2 1↑ 2↓

95/5023
FEB 21 0150 05.4s 37.57S 179.56E 12km M=4.6
0.5 0.02 0.03 R
Rsd 0.2s 29ph/28stn Dmin 111km Az.gap 287°
Corr. 0.670 17M/9stn Msd 0.3 4↑ 2↓

95/5035
FEB 21 0745 28.3s 37.80S 179.23E 32km M=4.1
0.2 0.02 0.03 5
Rsd 0.1s 28ph/24stn Dmin 85km Az.gap 291°
Corr. 0.878 40M/34stn Msd 0.3 1↓

95/5036
FEB 21 0748 32.4s 37.84S 176.83E 279km M=3.6
2.2 0.52 0.75 37
Rsd 0.4s 11ph/10stn Dmin 133km Az.gap 229°
Corr. -0.985 8M/8stn Msd 0.2

95/5037
FEB 21 0752 07.8s 36.72S 178.21E 12km M=3.7
0.5 0.03 0.04 R
Rsd 0.2s 13ph/12stn Dmin 98km Az.gap 266°
Corr. 0.930 11M/11stn Msd 0.2 1↑ 2↓

95/5042
FEB 21 1018 42.9s 37.89S 179.34E 12km M=3.6
1.4 0.04 0.10 R
Rsd 0.4s 14ph/12stn Dmin 97km Az.gap 295°
Corr. 0.468 8M/8stn Msd 0.1 1↑ 3↓

95/5043
FEB 21 1021 52.6s 37.62S 179.72E 12km M=4.6
0.9 0.03 0.06 R
Rsd 0.1s 36ph/35stn Dmin 126km Az.gap 289°
Corr. 0.928 26M/13stn Msd 0.2 2↑ 2↓

95/5051
FEB 21 1324 26.4s 37.98S 178.91E 12km M=3.6
1.0 0.02 0.08 R
Rsd 0.3s 10ph/9stn Dmin 68km Az.gap 269°
Corr. 0.045 9M/9stn Msd 0.2 1↓

95/5060
FEB 21 1619 02.9s 37.64S 179.48E 12km M=4.4
0.4 0.02 0.03 R
Rsd 0.1s 31ph/29stn Dmin 104km Az.gap 286°
Corr. 0.533 19M/11stn Msd 0.1 1↑ 2↓

95/5061
FEB 21 1711 50.7s 41.21S 175.07E 11km M=3.1
0.0 0.00 0.00 1
Rsd 0.1s 22ph/19stn Dmin 10km Az.gap 67°
Corr. -0.169 21M/18stn Msd 0.2 2↑ 7↓
Felt Hutt Valley (68, 69).

95/5066
FEB 21 1932 06.6s 41.23S 173.73E 76km M=3.5
0.2 0.01 0.01 2
Rsd 0.2s 28ph/19stn Dmin 46km Az.gap 85°
Corr. -0.262 18M/14stn Msd 0.2 1↑

95/5068
FEB 21 1954 47.2s 37.54S 179.17E 12km M=3.7
0.4 0.03 0.03 R
Rsd 0.2s 10ph/9stn Dmin 77km Az.gap 287°
Corr. 0.413 7M/7stn Msd 0.2 1↓

95/5071
FEB 21 2318 33.4s 38.63S 178.92E 12km M=3.6
1.2 0.05 0.07 R
Rsd 0.5s 7ph/5stn Dmin 77km Az.gap 300°
Corr. 0.129 2M/2stn Msd 0.1

95/5073
FEB 22 0027 26.4s 37.61S 179.36E 12km M=4.2
1.2 0.07 0.08 R
Rsd 0.3s 14ph/12stn Dmin 94km Az.gap 291°
Corr. 0.722 8M/4stn Msd 0.1 1↓

95/5074
FEB 22 0041 27.7s 38.39S 179.44E 12km M=3.7
2.2 0.05 0.17 R
Rsd 0.7s 4ph/3stn Dmin 125km Az.gap 281°
Corr. 0.273 2M/2stn Msd 0.1

95/5077
FEB 22 0409 20.0s 40.38S 173.49E 172km M=3.8
0.4 0.02 0.01 3
Rsd 0.2s 33ph/26stn Dmin 59km Az.gap 170°
Corr. -0.297 17M/15stn Msd 0.2 1↑

95/5101
FEB 22 1441 40.5s 37.74S 179.18E 12km M=3.6
0.4 0.01 0.03 R
Rsd 0.1s 13ph/12stn Dmin 79km Az.gap 294°
Corr. 0.476 13M/13stn Msd 0.1 1↑ 1↓

95/5102
FEB 22 1525 19.6s 39.16S 179.49E 12km M=4.0
0.7 0.03 0.05 R
Rsd 0.3s 21ph/17stn Dmin 140km Az.gap 256°
Corr. 0.035 34M/30stn Msd 0.3 1↑

95/5105
FEB 22 1620 29.9s 37.50S 179.42E 12km M=4.5
0.5 0.02 0.03 R
Rsd 0.1s 28ph/26stn Dmin 99km Az.gap 286°
Corr. 0.693 15M/8stn Msd 0.4 1↑ 2↓

95/5111
FEB 22 1921 13.4s 38.33S 179.43E 12km M=3.9
2.0 0.07 0.15 R
Rsd 0.8s 5ph/4stn Dmin 126km Az.gap 282°
Corr. -0.049 2M/2stn Msd 0.2

95/5112
FEB 22 1926 03.8s 37.99S 179.37E 12km M=3.8
0.2 0.01 0.01 R
Rsd 0.1s 9ph/7stn Dmin 104km Az.gap 290°
Corr. 0.658 8M/8stn Msd 0.2

95/5113
FEB 22 1940 36.5s 37.89S 179.13E 12km M=3.9
1.2 0.03 0.08 R
Rsd 0.3s 10ph/7stn Dmin 80km Az.gap 284°
Corr. 0.577 9M/8stn Msd 0.5

95/5117
FEB 22 2105 52.3s 37.61S 179.40E 12km M=4.0
0.4 0.02 0.02 R
Rsd 0.1s 6ph/5stn Dmin 97km Az.gap 316°
Corr. 0.768 8M/6stn Msd 0.6 1↓

95/5118
FEB 22 2216 12.6s 38.71S 175.64E 196km M=3.8
0.3 0.02 0.03 4
Rsd 0.1s 21ph/18stn Dmin 126km Az.gap 269°
Corr. -0.547 15M/14stn Msd 0.3 3↑ 1↓

95/5119
FEB 22 2234 40.6s 38.10S 179.23E 12km M=3.7
1.1 0.03 0.07 R
Rsd 0.4s 6ph/4stn Dmin 99km Az.gap 281°
Corr. 0.198 5M/5stn Msd 0.1

95/5120
FEB 22 2252 55.5s 38.29S 179.55E 12km M=3.8
0.9 0.04 0.07 R
Rsd 0.3s 7ph/6stn Dmin 134km Az.gap 287°
Corr. 0.024 3M/3stn Msd 0.3

95/5121
FEB 22 2318 03.0s 36.24S 179.82W 33km M=5.0
0.5 0.03 0.03 R
Rsd 0.1s 24ph/20stn Dmin 325km Az.gap 299°
Corr. 0.464 14M/7stn Msd 0.2

95/5123
FEB 22 2334 16.6s 38.28S 179.51E 12km M=3.9
1.1 0.03 0.08 R
Rsd 0.4s 7ph/6stn Dmin 130km Az.gap 281°
Corr. 0.062 5M/5stn Msd 0.3

95/5130
FEB 23 0206 25.0s 37.73S 176.34E 235km M=4.0
0.8 0.03 0.03 8
Rsd 0.2s 16ph/14stn Dmin 140km Az.gap 264°
Corr. -0.462 19M/17stn Msd 0.2 1↑

95/5135
FEB 23 0409 21.9s 37.61S 179.85E 12km M=3.8
0.9 0.04 0.06 R
Rsd 0.3s 7ph/6stn Dmin 137km Az.gap 303°
Corr. 0.360 2M/2stn Msd 0.2 1↓

95/5141
FEB 23 0620 54.3s 37.18S 177.41E 12km M=3.7
0.3 0.03 0.02 R
Rsd 0.3s 11ph/10stn Dmin 44km Az.gap 194°
Corr. 0.450 10M/7stn Msd 0.2 1↓

95/5144
FEB 23 0755 06.2s 37.45S 179.66E 12km M=5.1
1.3 0.05 0.08 R
Rsd 0.1s 31ph/31stn Dmin 121km Az.gap 289°
Corr. 0.915 29M/15stn Msd 0.2 1↓

95/5165
FEB 23 1406 37.4s 37.62S 178.55E 12km M=3.5
3.7 0.18 0.21 R
Rsd 0.6s 6ph/5stn Dmin 22km Az.gap 287°
Corr. 0.952 3M/3stn Msd 0.1

95/5170
FEB 23 1554 16.5s 38.28S 179.62E 12km M=3.7
1.0 0.03 0.07 R
Rsd 0.4s 5ph/4stn Dmin 139km Az.gap 288°
Corr. 0.199 2M/2stn Msd 0.1

95/5171
FEB 23 1626 54.7s 37.16S 179.84W 12km M=4.1
0.4 0.01 0.03 R
Rsd 0.1s 10ph/9stn Dmin 172km Az.gap 297°
Corr. 0.073 10M/9stn Msd 0.3 1↓

95/5178
FEB 23 1753 51.0s 37.73S 179.22E 12km M=3.5
1.0 0.03 0.07 R
Rsd 0.3s 5ph/4stn Dmin 82km Az.gap 306°
Corr. 0.201 4M/3stn Msd 0.4 1↓

95/5185
FEB 23 2119 29.1s 38.30S 179.46E 12km M=3.6
1.0 0.04 0.07 R
Rsd 0.4s 9ph/6stn Dmin 128km Az.gap 283°
Corr. -0.286 6M/6stn Msd 0.2

95/5187
FEB 23 2207 48.5s 37.30S 176.84E 261km M=3.5
0.3 0.04 0.07 6
Rsd 0.0s 9ph/8stn Dmin 270km Az.gap 347°
Corr. -0.845 5M/5stn Msd 0.2

95/5188
FEB 23 2218 14.1s 37.47S 179.46E 12km M=3.6
1.2 0.04 0.08 R
Rsd 0.2s 12ph/12stn Dmin 103km Az.gap 291°
Corr. 0.756 11M/11stn Msd 0.2

95/5191
FEB 24 0240 42.0s 37.90S 179.46E 12km M=4.1
3.7 0.07 0.27 R
Rsd 0.4s 14ph/14stn Dmin 107km Az.gap 291°
Corr. 0.835 29M/23stn Msd 0.3 1↑

95/5193
FEB 24 0406 41.9s 37.60S 179.70E 12km M=4.5
1.3 0.05 0.09 R
Rsd 0.1s 23ph/23stn Dmin 124km Az.gap 289°
Corr. 0.943 13M/7stn Msd 0.3 1↓

95/5195
FEB 24 0443 57.2s 37.86S 179.22E 12km M=3.7
0.4 0.01 0.03 R
Rsd 0.1s 11ph/10stn Dmin 86km Az.gap 288°
Corr. 0.273 12M/11stn Msd 0.5 1↑ 1↓

95/5204
FEB 24 1021 35.3s 38.00S 179.06E 12km M=3.7
0.4 0.01 0.03 R
Rsd 0.2s 16ph/13stn Dmin 80km Az.gap 274°
Corr. 0.239 13M/13stn Msd 0.5 1↓

95/5207
FEB 24 1135 17.3s 42.97S 171.37E 5km M=4.1
0.1 0.01 0.01 R
Rsd 0.2s 16ph/11stn Dmin 53km Az.gap 118°
Corr. -0.218 16M/9stn Msd 0.2 3↑ 4↓
Felt Arthur's Pass (93).

95/5208
FEB 24 1243 25.8s 37.62S 179.15E 12km M=3.6
1.1 0.03 0.08 R
Rsd 0.2s 16ph/15stn Dmin 75km Az.gap 284°
Corr. 0.421 15M/15stn Msd 0.3 1↑ 1↓

95/5219
FEB 24 1755 35.2s 38.05S 179.29E 12km M=3.9
0.6 0.02 0.05 R
Rsd 0.2s 5ph/4stn Dmin 100km Az.gap 292°
Corr. 0.076 4M/4stn Msd 0.8

95/5222
FEB 24 1945 23.0s 37.66S 179.18E 12km M=3.9
1.1 0.03 0.07 R
Rsd 0.3s 10ph/7stn Dmin 78km Az.gap 288°
Corr. 0.024 7M/5stn Msd 0.2

95/5229
FEB 24 2202 58.1s 38.06S 179.29E 12km M=4.0
0.9 0.02 0.07 R
Rsd 0.2s 14ph/13stn Dmin 101km Az.gap 279°
Corr. 0.698 32M/26stn Msd 0.2 1↓

95/5238
FEB 25 0112 15.6s 37.83S 178.96E 12km M=3.9
0.9 0.03 0.06 R
Rsd 0.3s 10ph/8stn Dmin 63km Az.gap 278°
Corr. 0.694 7M/6stn Msd 0.7 1↓

95/5248
FEB 25 0331 39.7s 37.89S 179.18E 12km M=3.7
1.0 0.02 0.07 R
Rsd 0.3s 13ph/12stn Dmin 84km Az.gap 285°
Corr. 0.169 15M/13stn Msd 0.7 1↑ 2↓

95/5250
FEB 25 0540 06.5s 37.53S 179.64E 12km M=4.2
0.2 0.01 0.01 R
Rsd 0.1s 14ph/13stn Dmin 119km Az.gap 288°
Corr. 0.515 39M/32stn Msd 0.3 1↓

95/5252
FEB 25 0552 40.8s 37.69S 179.33E 12km M=4.7
0.6 0.04 0.04 R
Rsd 0.2s 23ph/21stn Dmin 91km Az.gap 284°
Corr. 0.700 17M/9stn Msd 0.3 1↑ 1↓

95/5253
FEB 25 0600 54.3s 37.86S 178.92E 12km M=3.7
1.0 0.02 0.07 R
Rsd 0.3s 9ph/7stn Dmin 61km Az.gap 284°
Corr. 0.522 8M/6stn Msd 0.3

95/5254
FEB 25 0602 18.4s 37.80S 179.18E 12km M=3.7
1.0 0.03 0.07 R
Rsd 0.2s 12ph/11stn Dmin 81km Az.gap 292°
Corr. 0.379 21M/20stn Msd 0.3

95/5255
FEB 25 0602 57.9s 37.77S 179.36E 12km M=4.0
0.5 0.02 0.04 R
Rsd 0.1s 12ph/10stn Dmin 95km Az.gap 296°
Corr. 0.535 26M/23stn Msd 0.2

95/5258
FEB 25 0812 27.7s 36.97S 177.29E 157km M=3.6
0.9 0.07 0.08 9
Rsd 0.3s 10ph/9stn Dmin 114km Az.gap 280°
Corr. -0.702 13M/13stn Msd 0.2 1↓

95/5287
FEB 25 1240 59.7s 36.99S 177.36E 167km M=4.0
0.5 0.03 0.02 4
Rsd 0.1s 14ph/13stn Dmin 108km Az.gap 260°
Corr. 0.193 20M/20stn Msd 0.3 2↑ 1↓

95/5297
FEB 25 1609 19.6s 37.98S 179.40E 12km M=3.6
0.6 0.02 0.04 R
Rsd 0.1s 13ph/11stn Dmin 106km Az.gap 289°
Corr. 0.787 8M/7stn Msd 0.2 1↓

95/5301
FEB 25 1651 54.3s 38.16S 179.35E 12km M=4.5
0.9 0.02 0.07 R
Rsd 0.3s 23ph/22stn Dmin 111km Az.gap 276°
Corr. 0.274 13M/7stn Msd 0.4 1↓

95/5302
FEB 25 1714 14.0s 37.67S 179.16E 12km M=3.6
0.4 0.02 0.03 R
Rsd 0.1s 16ph/14stn Dmin 76km Az.gap 282°
Corr. 0.572 22M/22stn Msd 0.4 1↑ 2↓

95/5322
FEB 26 0154 29.2s 37.76S 179.17E 12km M=4.0
0.3 0.02 0.02 R
Rsd 0.1s 30ph/27stn Dmin 79km Az.gap 281°
Corr. 0.426 42M/36stn Msd 0.3 1↑ 2↓

95/5323
FEB 26 0210 26.9s 41.28S 172.63E 204km M=4.2
0.3 0.02 0.02 2
Rsd 0.2s 31ph/23stn Dmin 51km Az.gap 117°
Corr. -0.213 17M/17stn Msd 0.2 11↑ 6↓

95/5326
FEB 26 0234 41.0s 39.58S 177.11E 29km M=3.6
0.3 0.02 0.02 2
Rsd 0.3s 18ph/13stn Dmin 22km Az.gap 161°
Corr. -0.512 12M/10stn Msd 0.8 1↑ 1↓

95/5327
FEB 26 0300 37.8s 40.87S 174.73E 42km M=4.0
0.1 0.01 0.01 2
Rsd 0.2s 36ph/31stn Dmin 16km Az.gap 62°
Corr. -0.086 18M/15stn Msd 0.2 2↑ 6↓
Felt Paraparaumu Beach (65) MM4 and Wellington (68).

95/5328
FEB 26 0418 04.5s 37.43S 179.37E 12km M=3.6
0.3 0.02 0.02 R
Rsd 0.0s 10ph/9stn Dmin 96km Az.gap 321°
Corr. 0.518 15M/15stn Msd 0.2 1↑

95/5340
FEB 26 0820 21.1s 38.03S 179.19E 12km M=4.3
1.8 0.03 0.13 R
Rsd 0.3s 40ph/38stn Dmin 91km Az.gap 277°
Corr. 0.725 16M/8stn Msd 0.2 1↑ 2↓

95/5346
FEB 26 1034 19.6s 37.94S 179.35E 12km M=3.6
0.5 0.02 0.04 R
Rsd 0.2s 18ph/17stn Dmin 100km Az.gap 286°
Corr. 0.802 21M/21stn Msd 0.2 1↓

95/5351
FEB 26 1254 27.0s 37.87S 179.46E 12km M=4.4
0.4 0.02 0.03 R
Rsd 0.2s 17ph/16stn Dmin 107km Az.gap 285°
Corr. 0.185 11M/6stn Msd 0.2

95/5352
FEB 26 1303 00.7s 38.23S 176.18E 157km M=3.6
0.5 0.02 0.01 4
Rsd 0.2s 13ph/11stn Dmin 17km Az.gap 223°
Corr. -0.262 14M/14stn Msd 0.3 1↑

95/5353
FEB 26 1315 04.8s 37.91S 179.33E 12km M=4.3
0.3 0.02 0.02 R
Rsd 0.2s 21ph/19stn Dmin 96km Az.gap 283°
Corr. 0.059 13M/7stn Msd 0.4 1↑ 2↓

95/5363
FEB 26 1557 48.6s 37.72S 179.36E 12km M=3.6
0.9 0.06 0.05 R
Rsd 0.5s 10ph/9stn Dmin 94km Az.gap 300°
Corr. 0.359 7M/6stn Msd 0.4

95/5364
FEB 26 1609 07.2s 37.70S 179.37E 12km M=3.6
0.1 0.00 0.01 R
Rsd 0.0s 5ph/3stn Dmin 95km Az.gap 312°
Corr. -0.035 5M/3stn Msd 0.9

95/5369
FEB 26 1906 54.9s 37.71S 179.77E 12km M=3.6
0.5 0.03 0.03 R
Rsd 0.2s 7ph/6stn Dmin 130km Az.gap 313°
Corr. 0.251 5M/4stn Msd 0.6

95/5372
FEB 26 1937 07.9s 38.16S 179.07E 12km M=3.6
0.5 0.02 0.03 R
Rsd 0.3s 5ph/3stn Dmin 72km Az.gap 288°
Corr. 0.023 6M/5stn Msd 0.2 1↑

95/5377
FEB 26 2110 36.2s 37.65S 179.29E 116km M=3.5
1.1 0.11 0.20 14
Rsd 0.5s 9ph/6stn Dmin 87km Az.gap 305°
Corr. -0.800 5M/4stn Msd 0.5

95/5379
FEB 26 2211 21.2s 37.25S 179.65E 12km M=3.8
0.9 0.04 0.06 R
Rsd 0.3s 10ph/6stn Dmin 125km Az.gap 292°
Corr. -0.039 8M/7stn Msd 0.4

95/5383
FEB 26 2349 46.1s 37.49S 179.46E 12km M=3.9
0.4 0.02 0.03 R
Rsd 0.2s 22ph/21stn Dmin 103km Az.gap 308°
Corr. -0.314 31M/29stn Msd 0.3

95/5394
FEB 27 0051 34.9s 39.01S 175.11E 206km M=3.9
0.3 0.02 0.02 3
Rsd 0.1s 23ph/20stn Dmin 44km Az.gap 223°
Corr. 0.125 17M/17stn Msd 0.2 9↑ 1↓

95/5403
FEB 27 0300 43.7s 37.97S 179.29E 12km M=3.7
0.4 0.02 0.03 R
Rsd 0.2s 10ph/9stn Dmin 91km Az.gap 284°
Corr. 0.216 15M/14stn Msd 0.4 1↑ 1↓

95/5418
FEB 27 0641 22.2s 37.15S 177.00E 197km M=4.1
1.5 0.07 0.06 14
Rsd 0.3s 13ph/12stn Dmin 125km Az.gap 254°
Corr. -0.361 21M/21stn Msd 0.4

95/5419
FEB 27 0719 59.5s 37.62S 179.25E 12km M=4.6
0.5 0.02 0.03 R
Rsd 0.2s 32ph/28stn Dmin 84km Az.gap 282°
Corr. 0.581 18M/10stn Msd 0.5 1↑ 3↓

95/5425
FEB 27 0809 40.5s 37.88S 179.44E 12km M=3.8
0.6 0.03 0.04 R
Rsd 0.3s 12ph/11stn Dmin 105km Az.gap 298°
Corr. 0.036 15M/15stn Msd 0.5 1↑ 3↓

95/5426
FEB 27 0820 49.5s 37.89S 179.32E 12km M=4.0
0.6 0.03 0.04 R
Rsd 0.3s 15ph/14stn Dmin 96km Az.gap 283°
Corr. 0.160 27M/25stn Msd 0.5

95/5428
FEB 27 0829 10.2s 37.47S 179.32E 12km M=4.3
0.4 0.02 0.03 R
Rsd 0.2s 16ph/14stn Dmin 91km Az.gap 286°
Corr. -0.622 8M/6stn Msd 0.4 1↓

95/5429
FEB 27 0904 02.1s 37.49S 179.22E 12km M=3.5
0.3 0.02 0.02 R
Rsd 0.1s 9ph/8stn Dmin 82km Az.gap 292°
Corr. 0.123 4M/4stn Msd 0.9

95/5430
FEB 27 0904 14.0s 37.52S 179.42E 12km M=5.6
0.4 0.02 0.03 R
Rsd 0.2s 36ph/35stn Dmin 99km Az.gap 286°
Corr. 0.355 43M/23stn Msd 0.2 1↓

95/5433
FEB 27 0936 10.2s 37.56S 179.40E 12km M=3.9
0.8 0.04 0.05 R
Rsd 0.3s 4ph/3stn Dmin 97km Az.gap 333°
Corr. -0.458 2M/2stn Msd 1.0 1↓

95/5434
FEB 27 0942 29.2s 37.43S 179.61E 12km M=3.5
0.4 0.03 0.03 R
Rsd 0.2s 6ph/5stn Dmin 117km Az.gap 325°
Corr. -0.412 3M/3stn Msd 0.8 1↓

95/5438
FEB 27 1012 28.6s 37.54S 179.29E 12km M=3.7
1.8 0.09 0.12 R
Rsd 0.6s 4ph/3stn Dmin 87km Az.gap 331°
Corr. -0.481 2M/2stn Msd 1.0

95/5439
FEB 27 1015 34.8s 37.46S 179.41E 12km M=3.8
0.3 0.02 0.02 R
Rsd 0.1s 16ph/15stn Dmin 99km Az.gap 285°
Corr. -0.634 25M/25stn Msd 0.4 1↓

95/5441
FEB 27 1056 40.8s 37.66S 179.21E 12km M=3.6
1.6 0.06 0.09 R
Rsd 0.6s 7ph/6stn Dmin 80km Az.gap 306°
Corr. 0.134 3M/3stn Msd 0.8

95/5442
FEB 27 1102 05.8s 38.16S 179.19E 12km M=3.5
0.9 0.03 0.06 R
Rsd 0.5s 9ph/7stn Dmin 82km Az.gap 278°
Corr. 0.205 4M/4stn Msd 0.5

95/5443
FEB 27 1114 59.2s 37.52S 179.41E 12km M=4.0
0.3 0.02 0.02 R
Rsd 0.1s 22ph/21stn Dmin 99km Az.gap 310°
Corr. 0.145 30M/29stn Msd 0.5 1↓

95/5452
FEB 27 1201 11.5s 37.66S 179.55E 12km M=3.8
0.8 0.04 0.05 R
Rsd 0.4s 10ph/7stn Dmin 110km Az.gap 307°
Corr. 0.056 3M/3stn Msd 1.2 1↓

95/5455
FEB 27 1254 55.7s 37.57S 179.21E 12km M=3.9
0.6 0.02 0.04 R
Rsd 0.2s 6ph/5stn Dmin 81km Az.gap 312°
Corr. -0.226 2M/2stn Msd 1.1 1↓

95/5456
FEB 27 1307 06.7s 38.28S 179.16E 12km M=3.5
1.2 0.04 0.08 R
Rsd 0.6s 7ph/5stn Dmin 82km Az.gap 272°
Corr. 0.333 4M/4stn Msd 0.7

95/5459
FEB 27 1340 17.0s 37.63S 179.54E 12km M=3.7
1.0 0.05 0.06 R
Rsd 0.5s 7ph/6stn Dmin 109km Az.gap 312°
Corr. -0.254 3M/3stn Msd 1.0

95/5460
FEB 27 1354 56.2s 37.53S 179.40E 12km M=3.8
0.4 0.02 0.02 R
Rsd 0.2s 14ph/13stn Dmin 98km Az.gap 310°
Corr. 0.066 9M/9stn Msd 0.5 1↓

95/5469
FEB 27 1610 26.4s 37.62S 179.53E 12km M=3.6
0.9 0.06 0.05 R
Rsd 0.4s 7ph/5stn Dmin 109km Az.gap 312°
Corr. 0.146 3M/3stn Msd 1.1

95/5474
FEB 27 1641 16.2s 37.86S 179.30E 12km M=3.7
0.1 0.00 0.00 R
Rsd 0.0s 4ph/3stn Dmin 92km Az.gap 304°
Corr. -0.253 2M/2stn Msd 0.7 1↑ 1↓

95/5475
FEB 27 1643 59.0s 37.84S 179.38E 12km M=3.6
0.4 0.02 0.03 R
Rsd 0.2s 9ph/8stn Dmin 99km Az.gap 304°
Corr. 0.471 5M/5stn Msd 0.8 1↑ 2↓

95/5478
FEB 27 1805 21.3s 38.08S 179.21E 12km M=3.7
0.9 0.05 0.05 R
Rsd 0.4s 7ph/6stn Dmin 84km Az.gap 280°
Corr. 0.504 4M/4stn Msd 0.7 1↑ 1↓

95/5484
FEB 27 1913 05.0s 37.52S 179.26E 12km M=4.5
0.5 0.03 0.03 R
Rsd 0.3s 19ph/15stn Dmin 85km Az.gap 283°
Corr. 0.203 9M/5stn Msd 0.4 1↓

95/5486
FEB 27 1944 01.9s 38.03S 179.15E 12km M=3.5
0.4 0.01 0.02 R
Rsd 0.2s 4ph/3stn Dmin 79km Az.gap 294°
Corr. -0.153 3M/3stn Msd 0.8

95/5499
FEB 27 2232 14.1s 37.66S 179.42E 12km M=3.9
1.2 0.05 0.08 R
Rsd 0.7s 10ph/8stn Dmin 99km Az.gap 293°
Corr. -0.151 7M/7stn Msd 0.6

95/5515
FEB 28 0124 44.7s 38.11S 176.07E 192km M=3.7
0.3 0.03 0.03 5
Rsd 0.1s 14ph/11stn Dmin 48km Az.gap 241°
Corr. -0.861 10M/10stn Msd 0.2

95/5526
FEB 28 0301 53.4s 37.28S 179.63E 12km M=4.1
1.4 0.08 0.09 R
Rsd 0.4s 5ph/4stn Dmin 123km Az.gap 330°
Corr. 0.322 2M/2stn Msd 1.3

95/5527
FEB 28 0302 56.2s 37.90S 179.33E 12km M=3.5
0.4 0.02 0.03 R
Rsd 0.2s 8ph/7stn Dmin 96km Az.gap 291°
Corr. 0.497 3M/3stn Msd 0.1 1↑

95/5529
FEB 28 0332 38.0s 37.99S 179.23E 12km M=3.8
0.6 0.02 0.04 R
Rsd 0.2s 15ph/14stn Dmin 86km Az.gap 280°
Corr. 0.385 25M/23stn Msd 0.3 1↑ 1↓

95/5532
FEB 28 0431 37.2s 37.61S 179.44E 12km M=3.5
0.6 0.03 0.04 R
Rsd 0.3s 9ph/8stn Dmin 101km Az.gap 317°
Corr. 0.171 6M/6stn Msd 0.3

95/5534
FEB 28 0454 35.1s 43.35S 177.33E 33km M=3.7
0.6 0.03 0.04 R
Rsd 0.3s 25ph/20stn Dmin 262km Az.gap 266°
Corr. -0.658 21M/21stn Msd 0.4 3↑ 1↓

95/5558
FEB 28 1106 56.9s 37.77S 179.35E 12km M=3.7
0.7 0.03 0.04 R
Rsd 0.3s 14ph/13stn Dmin 95km Az.gap 296°
Corr. 0.147 15M/15stn Msd 0.4 1↓

95/5572
FEB 28 1454 49.8s 44.84S 167.57E 127km M=3.7
0.5 0.02 0.02 3
Rsd 0.2s 19ph/16stn Dmin 34km Az.gap 237°
Corr. -0.336 24M/21stn Msd 0.3 1↓

95/5573
FEB 28 1503 06.0s 37.67S 179.50E 12km M=4.0
0.6 0.03 0.04 R
Rsd 0.3s 20ph/19stn Dmin 107km Az.gap 291°
Corr. 0.183 29M/28stn Msd 0.2 2↑ 2↓

95/5586
FEB 28 1613 02.6s 37.98S 179.44E 12km M=3.8
1.2 0.06 0.07 R
Rsd 0.5s 8ph/7stn Dmin 104km Az.gap 289°
Corr. 0.591 5M/4stn Msd 0.7

95/5589
FEB 28 1738 43.3s 37.49S 179.37E 12km M=3.9
0.6 0.04 0.03 R
Rsd 0.3s 12ph/9stn Dmin 95km Az.gap 299°
Corr. -0.078 27M/25stn Msd 0.2

95/5590
FEB 28 1758 05.9s 47.77S 165.55E 33km M=3.7
0.8 0.05 0.06 R
Rsd 0.2s 12ph/11stn Dmin 219km Az.gap 325°
Corr. 0.163 3M/3stn Msd 0.0 1↓

95/5592
FEB 28 1853 48.0s 37.28S 179.81E 12km M=3.6
1.5 0.07 0.11 R
Rsd 0.5s 7ph/6stn Dmin 138km Az.gap 298°
Corr. 0.065 4M/4stn Msd 0.3 1↓

95/5598
FEB 28 2211 52.0s 37.42S 179.70E 12km M=3.6
1.3 0.05 0.09 R
Rsd 0.3s 4ph/3stn Dmin 125km Az.gap 313°
Corr. -0.347 2M/2stn Msd 0.5

95/5605
MAR 01 0006 10.6s 37.86S 176.83E 150km M=4.3
0.4 0.02 0.02 3
Rsd 0.2s 34ph/31stn Dmin 19km Az.gap 79°
Corr. 0.309 24M/22stn Msd 0.3 8↑ 6↓

95/5631
MAR 01 0604 43.0s 37.48S 179.39E 12km M=3.6
0.2 0.01 0.01 R
Rsd 0.1s 9ph/8stn Dmin 97km Az.gap 294°
Corr. -0.143 5M/5stn Msd 0.2 1↑ 2↓

95/5643
MAR 01 0932 27.1s 37.18S 177.43E 12km M=3.8
0.3 0.02 0.01 R
Rsd 0.3s 22ph/17stn Dmin 44km Az.gap 185°
Corr. 0.235 24M/19stn Msd 0.5 1↑

95/5665
MAR 01 1722 31.1s 42.66S 173.49E 12km M=4.0
0.1 0.01 0.01 R
Rsd 0.2s 27ph/23stn Dmin 27km Az.gap 158°
Corr. -0.481 14M/7stn Msd 0.3 6↑ 4↓
Felt Ferniehurst (96).

95/5670
MAR 01 1939 05.3s 38.11S 176.00E 175km M=4.1
0.5 0.02 0.02 4
Rsd 0.2s 18ph/16stn Dmin 48km Az.gap 171°
Corr. -0.571 21M/19stn Msd 0.2 4↑ 1↓

95/5679
MAR 01 2312 40.3s 37.80S 179.51E 12km M=4.0
0.5 0.03 0.03 R
Rsd 0.2s 10ph/9stn Dmin 109km Az.gap 285°
Corr. 0.330 27M/22stn Msd 0.3 1↓

95/5695
MAR 02 0558 46.9s 36.73S 177.62E 155km M=3.8
0.5 0.03 0.02 5
Rsd 0.1s 11ph/10stn Dmin 114km Az.gap 239°
Corr. 0.342 18M/18stn Msd 0.2

95/5701
MAR 02 0758 07.8s 37.76S 179.59E 12km M=4.5
0.2 0.01 0.02 R
Rsd 0.1s 36ph/31stn Dmin 115km Az.gap 287°
Corr. 0.491 17M/10stn Msd 0.3

95/5711
MAR 02 1134 58.7s 37.78S 179.41E 12km M=3.6
0.4 0.02 0.02 R
Rsd 0.2s 12ph/10stn Dmin 100km Az.gap 298°
Corr. 0.353 16M/16stn Msd 0.2 1↓

95/5713
MAR 02 1210 38.2s 39.28S 174.83E 21km M=3.6
0.1 0.01 0.00 1
Rsd 0.2s 36ph/33stn Dmin 55km Az.gap 76°
Corr. -0.403 8M/4stn Msd 0.3 1↓

95/5717
MAR 02 1340 20.4s 37.71S 179.32E 12km M=4.0
0.4 0.03 0.03 R
Rsd 0.2s 35ph/31stn Dmin 91km Az.gap 297°
Corr. -0.248 49M/43stn Msd 0.3 2↑ 1↓

95/5744
MAR 02 2209 46.7s 37.52S 176.27E 298km M=4.9
0.8 0.06 0.06 7
Rsd 0.3s 30ph/26stn Dmin 24km Az.gap 233°
Corr. -0.494 23M/19stn Msd 0.2 20↑ 5↓

95/5752
MAR 03 0100 59.4s 38.09S 176.34E 195km M=3.7
1.4 0.04 0.04 12
Rsd 0.2s 14ph/13stn Dmin 106km Az.gap 218°
Corr. -0.722 11M/11stn Msd 0.2

95/5762
MAR 03 0839 42.3s 38.36S 178.98E 12km M=3.8
0.6 0.01 0.05 R
Rsd 0.1s 14ph/13stn Dmin 87km Az.gap 254°
Corr. -0.517 26M/22stn Msd 0.3 1↓

95/5763
MAR 03 0907 13.8s 38.03S 179.43E 12km M=3.6
2.7 0.04 0.19 R
Rsd 0.2s 13ph/13stn Dmin 111km Az.gap 285°
Corr. 0.826 17M/17stn Msd 0.2

95/5768
MAR 03 1207 47.8s 37.71S 179.23E 44km M=4.0
0.4 0.01 0.02 5
Rsd 0.1s 35ph/34stn Dmin 83km Az.gap 283°
Corr. 0.500 6M/6stn Msd 0.1 1↓

95/5776
MAR 03 1402 54.0s 37.94S 178.90E 12km M=3.9
0.5 0.01 0.04 R
Rsd 0.1s 16ph/14stn Dmin 65km Az.gap 266°
Corr. 0.814 34M/28stn Msd 0.2 1↑ 2↓

95/5777
MAR 03 1424 26.7s 39.02S 177.57E 26km M=3.5
0.1 0.01 0.01 1
Rsd 0.2s 26ph/25stn Dmin 33km Az.gap 87°
Corr. -0.183 33M/26stn Msd 0.4 2↑ 1↓

95/5779
MAR 03 1441 02.2s 38.15S 175.38E 12km M=3.9
0.6 0.05 0.06 R
Rsd 0.2s 11ph/10stn Dmin 264km Az.gap 249°
Corr. -0.948 6M/6stn Msd 0.2 1↑

95/5782
MAR 03 1538 44.5s 37.32S 179.36E 12km M=3.9
1.2 0.06 0.07 R
Rsd 0.2s 18ph/16stn Dmin 99km Az.gap 285°
Corr. 0.820 28M/27stn Msd 0.2 1↓

95/5787
MAR 03 1607 23.5s 37.90S 179.11E 12km M=3.6
2.0 0.07 0.13 R
Rsd 0.9s 9ph/6stn Dmin 79km Az.gap 289°
Corr. 0.450 6M/5stn Msd 0.8

95/5788
MAR 03 1743 50.6s 45.07S 167.48E 88km M=3.6
0.2 0.01 0.01 2
Rsd 0.1s 18ph/15stn Dmin 56km Az.gap 233°
Corr. -0.290 19M/17stn Msd 0.2 1↑ 8↓

95/5789
MAR 03 1750 48.9s 37.78S 179.19E 12km M=4.0
0.4 0.02 0.03 R
Rsd 0.2s 26ph/22stn Dmin 81km Az.gap 287°
Corr. 0.647 44M/37stn Msd 0.3 2↑ 5↓

95/5792
MAR 03 1824 23.1s 37.95S 179.02E 12km M=3.7
0.5 0.01 0.03 R
Rsd 0.2s 10ph/8stn Dmin 74km Az.gap 275°
Corr. 0.377 16M/16stn Msd 0.2 1↓

95/5796
MAR 03 1938 23.6s 37.93S 179.06E 12km M=3.7
0.9 0.02 0.06 R
Rsd 0.3s 9ph/8stn Dmin 76km Az.gap 291°
Corr. 0.049 12M/11stn Msd 0.5 1↓

95/5798
MAR 03 2030 13.9s 38.35S 176.02E 159km M=5.1
0.2 0.01 0.01 2
Rsd 0.2s 57ph/53stn Dmin 7km Az.gap 79°
Corr. 0.212 20M/15stn Msd 0.3 14↑ 17↓

95/5804
MAR 03 2313 47.8s 38.18S 176.25E 5km M=3.2
0.0 0.00 0.00 R
Rsd 0.2s 31ph/29stn Dmin 5km Az.gap 52°
Corr. -0.178 21M/11stn Msd 0.2 8↑ 4↓
Felt Rotorua (33).

95/5807
MAR 03 2335 59.5s 38.19S 179.21E 12km M=4.0
1.9 0.02 0.14 R
Rsd 0.2s 17ph/17stn Dmin 104km Az.gap 270°
Corr. 0.311 35M/28stn Msd 0.4 1↓

95/5815
MAR 04 0127 03.0s 37.99S 178.80E 12km M=4.8
0.6 0.02 0.04 R
Rsd 0.1s 30ph/28stn Dmin 62km Az.gap 257°
Corr. 0.830 31M/16stn Msd 0.2 1↑

95/5822
MAR 04 0521 28.4s 38.12S 179.37E 12km M=4.1
2.6 0.03 0.20 R
Rsd 0.3s 18ph/18stn Dmin 111km Az.gap 279°
Corr. 0.595 36M/31stn Msd 0.3 1↓

95/5827
MAR 04 1001 10.2s 34.54S 179.31E 268km M=5.2
1.9 0.12 0.08 14
Rsd 0.2s 38ph/34stn Dmin 351km Az.gap 304°
Corr. 0.921 24M/21stn Msd 0.3 4↑ 5↓

95/5828
MAR 04 1006 22.3s 38.56S 175.90E 176km M=3.8
0.6 0.03 0.03 5
Rsd 0.2s 22ph/19stn Dmin 69km Az.gap 249°
Corr. -0.051 13M/13stn Msd 0.3 8↑ 4↓

95/5831
MAR 04 1049 48.9s 37.94S 178.97E 12km M=3.9
0.4 0.01 0.03 R
Rsd 0.2s 11ph/9stn Dmin 70km Az.gap 272°
Corr. 0.601 10M/8stn Msd 0.8 1↑ 3↓

95/5852
MAR 04 2049 03.9s 37.58S 179.17E 12km M=3.7
0.9 0.04 0.06 R
Rsd 0.3s 16ph/15stn Dmin 77km Az.gap 306°
Corr. 0.657 20M/19stn Msd 0.4 1↓

95/5870
MAR 05 0247 06.9s 37.11S 176.49E 200km M=3.6
0.9 0.05 0.09 15
Rsd 0.2s 10ph/8stn Dmin 170km Az.gap 267°
Corr. -0.829 7M/7stn Msd 0.2

95/5872
MAR 05 0339 44.8s 37.98S 178.99E 12km M=3.8
0.5 0.01 0.04 R
Rsd 0.2s 13ph/11stn Dmin 74km Az.gap 271°
Corr. 0.650 18M/17stn Msd 0.3 1↑ 2↓

95/5878
MAR 05 0549 04.9s 40.15S 173.57E 211km M=4.3
0.4 0.01 0.02 3
Rsd 0.2s 40ph/31stn Dmin 78km Az.gap 150°
Corr. -0.041 24M/21stn Msd 0.2 16↑ 10↓

95/5908
MAR 05 2040 33.9s 37.68S 179.39E 12km M=3.8
0.5 0.03 0.03 R
Rsd 0.2s 11ph/9stn Dmin 96km Az.gap 302°
Corr. 0.266 11M/10stn Msd 0.6 1↓

95/5909
MAR 05 2057 46.4s 37.12S 176.88E 245km M=3.6
2.4 0.08 0.10 26
Rsd 0.4s 9ph/8stn Dmin 137km Az.gap 267°
Corr. -0.783 4M/4stn Msd 0.1

95/5910
MAR 05 2109 08.4s 38.31S 176.01E 171km M=3.7
0.6 0.03 0.03 6
Rsd 0.2s 11ph/8stn Dmin 88km Az.gap 272°
Corr. 0.143 14M/14stn Msd 0.4 3↑ 3↓

95/5914
MAR 05 2300 07.6s 37.61S 179.31E 12km M=3.6
0.8 0.04 0.05 R
Rsd 0.3s 11ph/9stn Dmin 89km Az.gap 306°
Corr. 0.540 9M/9stn Msd 0.2 1↑ 3↓

95/5919
MAR 06 0526 29.9s 37.93S 179.08E 12km M=3.7
1.9 0.05 0.13 R
Rsd 0.4s 10ph/9stn Dmin 78km Az.gap 278°
Corr. 0.849 12M/12stn Msd 0.2

95/5922
MAR 06 0620 38.2s 38.07S 175.88E 281km M=3.9
1.0 0.04 0.05 8
Rsd 0.2s 21ph/19stn Dmin 125km Az.gap 215°
Corr. -0.711 13M/13stn Msd 0.2

95/5929
MAR 06 1125 29.1s 37.28S 179.92E 122km M=3.6
1.3 0.17 0.24 23
Rsd 0.4s 6ph/4stn Dmin 147km Az.gap 329°
Corr. -0.873 3M/3stn Msd 0.1 1↑

95/5930
MAR 06 1132 33.0s 37.49S 179.21E 12km M=4.8
0.5 0.02 0.03 R
Rsd 0.2s 29ph/28stn Dmin 81km Az.gap 287°
Corr. 0.531 25M/13stn Msd 0.2 2↑ 3↓

95/5934
MAR 06 1404 22.7s 37.73S 179.41E 12km M=3.9
0.7 0.04 0.04 R
Rsd 0.4s 16ph/15stn Dmin 99km Az.gap 292°
Corr. 0.377 26M/25stn Msd 0.2 1↑ 2↓

95/5936
MAR 06 1506 19.0s 45.07S 167.54E 131km M=3.6
0.4 0.02 0.02 3
Rsd 0.2s 19ph/16stn Dmin 53km Az.gap 228°
Corr. -0.264 19M/16stn Msd 0.2 4↑ 2↓

95/5953
MAR 06 2159 07.8s 38.50S 175.82E 161km M=3.5
0.7 0.05 0.04 7
Rsd 0.2s 10ph/8stn Dmin 61km Az.gap 224°
Corr. 0.681 14M/14stn Msd 0.3 1↑

95/5967
MAR 07 0343 44.3s 37.37S 179.15E 12km M=3.6
0.5 0.03 0.04 R
Rsd 0.3s 7ph/6stn Dmin 79km Az.gap 324°
Corr. -0.151 2M/2stn Msd 0.2 1↑

95/5993
MAR 07 1051 14.8s 36.01S 177.11E 33km M=4.3
0.6 0.05 0.02 R
Rsd 0.1s 11ph/9stn Dmin 206km Az.gap 306°
Corr. -0.652 7M/7stn Msd 0.3

95/6017
MAR 07 1743 15.9s 37.63S 179.51E 12km M=4.2
0.3 0.02 0.02 R
Rsd 0.1s 20ph/19stn Dmin 107km Az.gap 292°
Corr. -0.082 37M/32stn Msd 0.2 2↑ 2↓

95/6028
MAR 07 2248 05.2s 40.13S 173.55E 174km M=3.8
0.3 0.02 0.01 3
Rsd 0.2s 30ph/23stn Dmin 81km Az.gap 185°
Corr. -0.273 14M/14stn Msd 0.2 2↑ 2↓

95/6040
MAR 08 0111 36.1s 37.33S 179.13E 12km M=3.6
0.2 0.01 0.02 R
Rsd 0.1s 8ph/7stn Dmin 79km Az.gap 325°
Corr. -0.422 6M/6stn Msd 0.1

95/6048
MAR 08 0318 54.6s 37.61S 179.45E 12km M=3.5
0.4 0.02 0.03 R
Rsd 0.2s 10ph/9stn Dmin 102km Az.gap 297°
Corr. -0.174 8M/8stn Msd 0.2 1↑ 2↓

95/6064
MAR 08 0903 07.9s 37.95S 179.21E 12km M=3.7
0.5 0.02 0.03 R
Rsd 0.3s 15ph/13stn Dmin 85km Az.gap 281°
Corr. 0.318 18M/18stn Msd 0.2 2↑ 1↓

95/6068
MAR 08 1013 22.1s 37.48S 179.78E 12km M=4.0
0.4 0.02 0.03 R
Rsd 0.2s 13ph/12stn Dmin 132km Az.gap 298°
Corr. 0.240 20M/20stn Msd 0.2 1↓

95/6082
MAR 08 1215 24.5s 44.28S 168.47E 12km M=3.6
0.2 0.02 0.01 R
Rsd 0.3s 20ph/17stn Dmin 62km Az.gap 178°
Corr. -0.362 18M/15stn Msd 0.3 1↓

95/6083
MAR 08 1230 14.8s 37.46S 179.42E 12km M=3.7
0.3 0.02 0.02 R
Rsd 0.1s 10ph/9stn Dmin 100km Az.gap 295°
Corr. -0.322 7M/7stn Msd 0.2 1↓

95/6086
MAR 08 1314 49.3s 37.86S 179.20E 12km M=3.9
0.6 0.02 0.04 R
Rsd 0.2s 20ph/17stn Dmin 85km Az.gap 287°
Corr. 0.468 20M/20stn Msd 0.4 1↑ 2↓

95/6090
MAR 08 1447 35.9s 37.73S 179.10E 12km M=3.7
0.3 0.02 0.02 R
Rsd 0.1s 17ph/17stn Dmin 72km Az.gap 291°
Corr. -0.086 23M/23stn Msd 0.2 1↓

95/6098
MAR 08 1526 48.4s 37.73S 179.47E 12km M=3.8
0.4 0.02 0.03 R
Rsd 0.2s 17ph/16stn Dmin 104km Az.gap 301°
Corr. 0.185 15M/14stn Msd 0.5 3↑ 3↓

95/6103
MAR 08 1845 46.8s 38.00S 175.97E 207km M=3.5
1.6 0.06 0.08 13
Rsd 0.4s 12ph/11stn Dmin 63km Az.gap 263°
Corr. -0.391 11M/11stn Msd 0.2 2↑ 1↓

95/6112
MAR 08 2302 47.5s 38.13S 176.03E 176km M=3.7
0.4 0.02 0.02 4
Rsd 0.1s 13ph/11stn Dmin 106km Az.gap 225°
Corr. -0.343 13M/13stn Msd 0.3

95/6114
MAR 08 2344 19.6s 37.88S 179.28E 12km M=3.6
0.5 0.02 0.03 R
Rsd 0.2s 10ph/9stn Dmin 92km Az.gap 292°
Corr. 0.143 9M/9stn Msd 0.2 1↓

95/6115
MAR 08 2349 48.7s 37.74S 179.42E 12km M=3.9
0.4 0.02 0.02 R
Rsd 0.2s 11ph/10stn Dmin 100km Az.gap 300°
Corr. 0.224 16M/14stn Msd 0.5 1↑ 1↓

95/6120
MAR 09 0103 03.2s 37.85S 179.35E 12km M=4.8
0.4 0.02 0.02 R
Rsd 0.2s 28ph/27stn Dmin 97km Az.gap 288°
Corr. 0.258 14M/8stn Msd 0.2 1↓

95/6121
MAR 09 0152 12.6s 40.32S 176.63E 46km M=4.4
0.1 0.01 0.01 2
Rsd 0.2s 48ph/42stn Dmin 32km Az.gap 172°
Corr. -0.752 22M/18stn Msd 0.3 3↑ 4↓
Felt Dannevirke (63).

95/6123
MAR 09 0349 12.4s 37.66S 179.46E 12km M=4.7
0.2 0.02 0.02 R
Rsd 0.1s 33ph/31stn Dmin 102km Az.gap 291°
Corr. -0.184 20M/11stn Msd 0.1 5↑ 1↓

95/6129
MAR 09 0407 07.5s 37.69S 179.45E 12km M=3.6
0.7 0.04 0.05 R
Rsd 0.3s 9ph/8stn Dmin 102km Az.gap 293°
Corr. 0.122 6M/6stn Msd 0.1 1↑

95/6130
MAR 09 0415 02.9s 37.68S 179.47E 12km M=4.1
0.4 0.02 0.02 R
Rsd 0.2s 24ph/23stn Dmin 103km Az.gap 291°
Corr. 0.183 40M/37stn Msd 0.2 1↑

95/6132
MAR 09 0545 08.5s 37.69S 179.48E 12km M=3.8
0.1 0.01 0.01 R
Rsd 0.1s 20ph/17stn Dmin 104km Az.gap 291°
Corr. 0.152 27M/26stn Msd 0.2

95/6136
MAR 09 0737 47.9s 37.54S 179.59E 12km M=3.9
0.4 0.02 0.02 R
Rsd 0.2s 12ph/11stn Dmin 114km Az.gap 320°
Corr. -0.222 12M/11stn Msd 0.5

95/6150
MAR 09 1051 07.1s 37.82S 179.35E 12km M=3.8
0.5 0.02 0.03 R
Rsd 0.3s 10ph/8stn Dmin 96km Az.gap 298°
Corr. 0.265 7M/6stn Msd 0.4 1↑

95/6162
MAR 09 1247 04.7s 37.77S 179.20E 12km M=4.0
0.3 0.02 0.02 R
Rsd 0.2s 17ph/16stn Dmin 82km Az.gap 287°
Corr. 0.274 26M/23stn Msd 0.3 1↑ 2↓

95/6179
MAR 09 1838 17.0s 36.40S 179.14W 33km M=3.6
1.4 0.14 0.14 R
Rsd 0.3s 5ph/3stn Dmin 264km Az.gap 346°
Corr. -0.578 2M/2stn Msd 0.2

95/6182
MAR 09 2103 15.7s 37.31S 176.70E 189km M=3.9
0.6 0.02 0.01 5
Rsd 0.1s 21ph/17stn Dmin 61km Az.gap 158°
Corr. 0.296 13M/13stn Msd 0.2 1↑

95/6183
MAR 09 2132 23.9s 44.50S 168.30E 5km M=4.0
0.1 0.01 0.01 R
Rsd 0.2s 21ph/17stn Dmin 35km Az.gap 166°
Corr. -0.220 20M/13stn Msd 0.2 2↓

95/6199
MAR 10 0612 38.2s 38.16S 179.12E 12km M=3.9
0.9 0.03 0.06 R
Rsd 0.5s 10ph/8stn Dmin 77km Az.gap 268°
Corr. 0.199 7M/7stn Msd 0.2 1↑

95/6202
MAR 10 0703 58.7s 39.18S 174.92E 195km M=4.2
0.4 0.02 0.02 3
Rsd 0.2s 30ph/25stn Dmin 43km Az.gap 206°
Corr. -0.141 21M/19stn Msd 0.3 8↑ 1↓

95/6204
MAR 10 0739 54.3s 37.65S 179.47E 12km M=4.6
0.3 0.02 0.02 R
Rsd 0.2s 29ph/28stn Dmin 103km Az.gap 291°
Corr. 0.003 15M/9stn Msd 0.4 3↑ 3↓

95/6218
MAR 10 1156 20.4s 37.91S 179.24E 12km M=3.5
0.1 0.00 0.01 R
Rsd 0.1s 5ph/4stn Dmin 88km Az.gap 295°
Corr. 0.353 7M/6stn Msd 0.2

95/6223
MAR 10 1529 50.3s 38.01S 179.24E 12km M=3.7
0.3 0.01 0.02 R
Rsd 0.2s 11ph/9stn Dmin 87km Az.gap 279°
Corr. 0.200 10M/8stn Msd 0.2 1↓

95/6225
MAR 10 1617 47.9s 38.10S 176.20E 174km M=3.7
0.5 0.03 0.02 5
Rsd 0.2s 12ph/10stn Dmin 40km Az.gap 224°
Corr. -0.371 8M/8stn Msd 0.5 1↑

95/6228
MAR 10 1830 50.9s 38.81S 175.24E 215km M=4.5
0.6 0.02 0.03 5
Rsd 0.3s 29ph/26stn Dmin 30km Az.gap 152°
Corr. -0.292 22M/19stn Msd 0.2 10↑ 12↓

95/6239
MAR 11 0009 54.3s 45.24S 167.26E 94km M=5.2
0.2 0.01 0.02 2
Rsd 0.1s 16ph/14stn Dmin 82km Az.gap 240°
Corr. 0.141 13M/7stn Msd 0.2 4↑ 10↓
Felt in parts of Fiordland, Otago and Southland, maximum intensity MM4.

95/6249
MAR 11 0247 09.2s 41.59S 178.17E 12km M=3.6
0.9 0.05 0.06 R
Rsd 0.5s 20ph/16stn Dmin 193km Az.gap 249°
Corr. -0.668 12M/11stn Msd 0.4 1↑

95/6250
MAR 11 0401 41.7s 37.96S 179.28E 12km M=3.8
0.3 0.01 0.02 R
Rsd 0.2s 13ph/12stn Dmin 91km Az.gap 284°
Corr. 0.193 11M/10stn Msd 0.2 1↑ 1↓

95/6251
MAR 11 0440 33.7s 37.89S 178.59E 55km M=3.6
0.2 0.01 0.01 1
Rsd 0.1s 9ph/6stn Dmin 36km Az.gap 248°
Corr. -0.286 5M/4stn Msd 0.3 1↓

95/6252
MAR 11 0507 14.4s 40.06S 173.95E 175km M=3.6
0.5 0.02 0.05 7
Rsd 0.3s 20ph/17stn Dmin 88km Az.gap 185°
Corr. -0.558 7M/7stn Msd 0.3

95/6284
MAR 12 0059 04.4s 37.28S 177.41E 5km M=4.3
0.2 0.02 0.01 R
Rsd 0.2s 31ph/27stn Dmin 34km Az.gap 184°
Corr. 0.326 20M/11stn Msd 0.2 5↑ 7↓

95/6285
MAR 12 0118 14.2s 37.82S 179.42E 12km M=3.6
0.5 0.03 0.03 R
Rsd 0.3s 13ph/11stn Dmin 102km Az.gap 296°
Corr. -0.037 12M/12stn Msd 0.1 2↑ 1↓

95/6300
MAR 12 0645 29.7s 37.62S 179.54E 12km M=3.8
2.3 0.10 0.14 R
Rsd 0.4s 9ph/9stn Dmin 110km Az.gap 308°
Corr. 0.860 6M/6stn Msd 0.7 1↑ 2↓

95/6302
MAR 12 0801 06.9s 37.77S 179.30E 12km M=4.3
0.6 0.03 0.04 R
Rsd 0.3s 28ph/26stn Dmin 90km Az.gap 288°
Corr. 0.038 16M/9stn Msd 0.2 2↑ 3↓

95/6303
MAR 12 0826 46.1s 34.13S 179.98E 12km M=3.9
0.7 0.04 0.08 R
Rsd 0.2s 10ph/8stn Dmin 414km Az.gap 337°
Corr. -0.330 11M/11stn Msd 0.4 1↓

95/6316
MAR 12 1716 40.0s 38.43S 175.86E 160km M=3.5
0.6 0.03 0.03 5
Rsd 0.2s 14ph/11stn Dmin 70km Az.gap 225°
Corr. -0.437 9M/8stn Msd 0.3

95/6319
MAR 12 1948 23.8s 37.76S 179.35E 12km M=3.6
0.7 0.04 0.04 R
Rsd 0.3s 9ph/7stn Dmin 94km Az.gap 298°
Corr. 0.583 6M/5stn Msd 0.4 1↓

95/6330
MAR 13 0524 08.9s 37.54S 179.31E 12km M=4.1
0.5 0.02 0.03 R
Rsd 0.2s 23ph/22stn Dmin 89km Az.gap 290°
Corr. 0.477 27M/24stn Msd 0.2 1↑ 3↓

95/6337
MAR 13 1100 44.9s 35.69S 178.90E 270km M=4.5
2.5 0.24 0.26 16
Rsd 0.8s 8ph/6stn Dmin 219km Az.gap 338°
Corr. -0.592 12M/9stn Msd 0.2

95/6338
MAR 13 1142 42.3s 36.98S 177.54E 129km M=3.8
0.9 0.05 0.04 13
Rsd 0.4s 6ph/5stn Dmin 96km Az.gap 217°
Corr. 0.578 4M/3stn Msd 0.2 1↑ 1↓

95/6346
MAR 13 1846 13.2s 37.86S 179.23E 12km M=3.6
0.2 0.01 0.01 R
Rsd 0.1s 5ph/4stn Dmin 87km Az.gap 302°
Corr. 0.381 5M/4stn Msd 0.3

95/6347
MAR 13 1850 32.4s 37.86S 179.24E 12km M=3.9
0.8 0.02 0.05 R
Rsd 0.2s 10ph/9stn Dmin 88km Az.gap 289°
Corr. 0.237 11M/7stn Msd 0.2 1↓

95/6349
MAR 13 1952 50.6s 41.97S 174.12E 16km M=3.5
0.2 0.02 0.01 4
Rsd 0.4s 18ph/15stn Dmin 25km Az.gap 163°
Corr. -0.570 24M/18stn Msd 0.2 1↓

95/6354
MAR 13 2219 46.3s 37.93S 179.19E 12km M=4.0
0.7 0.02 0.05 R
Rsd 0.2s 14ph/13stn Dmin 86km Az.gap 282°
Corr. 0.487 23M/18stn Msd 0.3

95/6360
MAR 14 0259 36.9s 37.77S 179.48E 12km M=3.6
1.2 0.06 0.07 R
Rsd 0.5s 7ph/5stn Dmin 106km Az.gap 305°
Corr. 0.394 4M/4stn Msd 0.4

95/6361
MAR 14 0327 46.0s 37.22S 179.21E 12km M=3.6
0.2 0.03 0.02 R
Rsd 0.0s 4ph/3stn Dmin 91km Az.gap 352°
Corr. -0.833 3M/2stn Msd 0.4 1↓

95/6364
MAR 14 0612 48.7s 36.70S 179.85E 12km M=4.7
0.2 0.01 0.02 R
Rsd 0.1s 15ph/14stn Dmin 170km Az.gap 306°
Corr. -0.170 9M/6stn Msd 0.3

95/6369
MAR 14 1158 19.3s 37.50S 177.07E 134km M=3.8
0.4 0.02 0.01 4
Rsd 0.2s 19ph/17stn Dmin 60km Az.gap 152°
Corr. 0.168 11M/11stn Msd 0.2 8↑ 2↓

95/6371
MAR 14 1248 08.8s 37.13S 177.49E 12km M=4.5
0.9 0.04 0.05 R
Rsd 0.3s 27ph/25stn Dmin 52km Az.gap 240°
Corr. 0.827 21M/11stn Msd 0.1 4↑ 2↓

95/6373
MAR 14 1343 37.6s 37.84S 179.14E 12km M=3.6
1.5 0.09 0.10 R
Rsd 0.6s 6ph/4stn Dmin 129km Az.gap 326°
Corr. 0.126 5M/3stn Msd 0.4

95/6381
MAR 14 1743 11.4s 36.62S 177.69E 198km M=4.3
0.5 0.05 0.03 5
Rsd 0.2s 21ph/20stn Dmin 174km Az.gap 267°
Corr. 0.605 17M/16stn Msd 0.2 1↓

95/6387
MAR 14 2043 40.9s 46.07S 167.16E 12km M=3.8
0.2 0.01 0.02 R
Rsd 0.2s 15ph/12stn Dmin 64km Az.gap 241°
Corr. 0.034 18M/14stn Msd 0.2 3↑ 2↓

95/6392
MAR 14 2222 09.1s 37.49S 179.14E 12km M=3.6
0.7 0.05 0.04 R
Rsd 0.3s 7ph/5stn Dmin 75km Az.gap 301°
Corr. 0.104 5M/4stn Msd 0.3

95/6394
MAR 15 0108 07.0s 37.70S 179.27E 12km M=3.7
1.3 0.05 0.08 R
Rsd 0.2s 5ph/4stn Dmin 86km Az.gap 309°
Corr. 0.693 6M/4stn Msd 0.3 1↓

95/6397
MAR 15 0531 43.8s 37.55S 179.47E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.1s 16ph/15stn Dmin 103km Az.gap 309°
Corr. 0.408 19M/17stn Msd 0.2 1↓

95/6402
MAR 15 0637 28.4s 37.15S 177.33E 135km M=4.4
0.4 0.02 0.01 4
Rsd 0.2s 32ph/30stn Dmin 44km Az.gap 193°
Corr. 0.392 25M/20stn Msd 0.2 9↑ 11↓

95/6419
MAR 15 1730 26.0s 45.16S 167.47E 127km M=4.4
0.3 0.01 0.02 3
Rsd 0.1s 17ph/13stn Dmin 65km Az.gap 229°
Corr. -0.319 17M/11stn Msd 0.2 8↑ 5↓

95/6429
MAR 15 2346 15.1s 37.44S 179.86E 12km M=4.0
0.6 0.04 0.04 R
Rsd 0.2s 10ph/9stn Dmin 139km Az.gap 318°
Corr. 0.222 12M/10stn Msd 0.2 1↓

95/6458
MAR 16 1611 59.6s 39.19S 175.40E 9km M=3.2
0.2 0.01 0.01 1
Rsd 0.2s 21ph/17stn Dmin 12km Az.gap 146°
Corr. 0.687 16M/14stn Msd 0.3 1↑
Felt Ohakune (49) MM4.

95/6463
MAR 16 1705 15.2s 39.22S 175.34E 5km M=3.9
0.1 0.01 0.01 R
Rsd 0.2s 47ph/41stn Dmin 18km Az.gap 74°
Corr. -0.243 8M/5stn Msd 0.2 3↑ 3↓
Felt Ohakune (49) MM4.

95/6467
MAR 16 1758 31.6s 38.10S 176.08E 202km M=4.6
0.3 0.02 0.02 2
Rsd 0.2s 53ph/44stn Dmin 13km Az.gap 65°
Corr. -0.144 23M/17stn Msd 0.2 16↑ 2↓

95/6469
MAR 16 2004 27.4s 39.22S 175.36E 5km M=3.8
0.1 0.01 0.01 R
Rsd 0.2s 32ph/28stn Dmin 16km Az.gap 96°
Corr. -0.069 8M/5stn Msd 0.3 1↑
Felt Ohakune (49) MM4.

95/6474
MAR 16 2113 51.5s 37.98S 179.06E 12km M=3.7
0.3 0.01 0.02 R
Rsd 0.1s 15ph/14stn Dmin 71km Az.gap 274°
Corr. 0.123 15M/13stn Msd 0.2 1↑

95/6475
MAR 16 2119 36.3s 38.29S 175.97E 202km M=4.3
0.5 0.02 0.03 5
Rsd 0.3s 32ph/28stn Dmin 27km Az.gap 100°
Corr. 0.040 24M/20stn Msd 0.3 8↑ 2↓

95/6483
MAR 16 2339 19.7s 37.56S 179.64E 12km M=3.6
0.6 0.04 0.04 R
Rsd 0.2s 10ph/8stn Dmin 118km Az.gap 313°
Corr. 0.129 8M/7stn Msd 0.3

95/6507
MAR 17 0609 51.8s 36.41S 178.66E 12km M=4.5
0.4 0.02 0.02 R
Rsd 0.2s 24ph/19stn Dmin 135km Az.gap 289°
Corr. 0.480 11M/6stn Msd 0.3 1↓

95/6513
MAR 17 0754 08.6s 40.32S 176.61E 46km M=4.1
0.1 0.01 0.01 2
Rsd 0.2s 55ph/48stn Dmin 31km Az.gap 172°
Corr. -0.571 24M/19stn Msd 0.3 3↑ 1↓
Felt Mt Vernon (60) MM4 and Motea (63).

95/6515
MAR 17 0803 46.3s 41.81S 172.93E 67km M=3.7
0.2 0.01 0.01 3
Rsd 0.3s 28ph/20stn Dmin 6km Az.gap 68°
Corr. -0.123 16M/15stn Msd 0.2 1↑ 1↓

95/6526
MAR 17 1206 33.5s 40.42S 179.15E 12km M=3.8
0.8 0.03 0.06 R
Rsd 0.3s 29ph/28stn Dmin 175km Az.gap 256°
Corr. -0.730 24M/24stn Msd 0.3

95/6568
MAR 18 0348 35.3s 37.45S 177.60E 103km M=4.2
0.3 0.02 0.01 3
Rsd 0.2s 33ph/30stn Dmin 38km Az.gap 171°
Corr. 0.273 24M/20stn Msd 0.2 1↑ 10↓

95/6592
MAR 18 1600 13.9s 39.20S 174.87E 216km M=4.7
0.3 0.01 0.01 3
Rsd 0.2s 77ph/66stn Dmin 48km Az.gap 84°
Corr. -0.391 8M/4stn Msd 0.2 19↑ 43↓

95/6603
MAR 18 1804 47.7s 38.19S 176.31E 155km M=3.6
0.4 0.03 0.02 3
Rsd 0.2s 19ph/15stn Dmin 15km Az.gap 207°
Corr. -0.389 9M/9stn Msd 0.2 1↑

95/6622
MAR 19 0935 37.2s 39.37S 177.53E 46km M=3.9
0.2 0.01 0.01 3
Rsd 0.2s 34ph/29stn Dmin 37km Az.gap 169°
Corr. -0.627 11M/9stn Msd 0.3 4↑ 4↓

95/6624
MAR 19 1142 22.8s 36.61S 178.27E 12km M=3.5
0.3 0.02 0.01 R
Rsd 0.1s 11ph/9stn Dmin 110km Az.gap 316°
Corr. 0.281 7M/6stn Msd 0.3 1↓

95/6660
MAR 20 0644 25.6s 37.66S 179.29E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.2s 21ph/18stn Dmin 87km Az.gap 289°
Corr. -0.168 21M/16stn Msd 0.3 1↑ 1↓

95/6661
MAR 20 0714 23.2s 37.93S 179.45E 12km M=3.6
0.5 0.02 0.03 R
Rsd 0.2s 11ph/9stn Dmin 106km Az.gap 295°
Corr. 0.355 10M/8stn Msd 0.3

95/6676
MAR 20 1232 16.5s 40.43S 176.43E 12km M=3.6
0.4 0.01 0.03 R
Rsd 0.4s 27ph/22stn Dmin 20km Az.gap 191°
Corr. -0.155 28M/24stn Msd 0.2 6↑ 2↓
Felt Dannevirke (63).

95/6681
MAR 20 1643 52.7s 37.85S 179.26E 12km M=4.0
0.4 0.02 0.02 R
Rsd 0.2s 17ph/12stn Dmin 89km Az.gap 287°
Corr. 0.135 25M/18stn Msd 0.2 1↓

95/6684
MAR 20 1849 10.6s 37.67S 179.30E 12km M=4.3
0.5 0.03 0.03 R
Rsd 0.2s 19ph/14stn Dmin 89km Az.gap 294°
Corr. -0.253 14M/8stn Msd 0.2

95/6685
MAR 20 1901 32.7s 37.63S 179.23E 12km M=3.9
0.5 0.03 0.03 R
Rsd 0.2s 19ph/16stn Dmin 82km Az.gap 288°
Corr. -0.353 20M/14stn Msd 0.2 1↑

95/6690
MAR 20 2231 58.7s 37.69S 179.39E 12km M=4.0
0.5 0.03 0.03 R
Rsd 0.2s 13ph/11stn Dmin 96km Az.gap 290°
Corr. -0.203 18M/14stn Msd 0.2 1↑ 2↓

95/6693
MAR 20 2328 56.3s 37.69S 179.35E 12km M=3.7
0.5 0.03 0.03 R
Rsd 0.3s 10ph/8stn Dmin 93km Az.gap 301°
Corr. 0.065 10M/8stn Msd 0.2 1↓

95/6695
MAR 21 0002 36.1s 37.70S 179.36E 12km M=4.0
0.4 0.03 0.03 R
Rsd 0.2s 13ph/11stn Dmin 94km Az.gap 302°
Corr. 0.027 19M/13stn Msd 0.2 1↓

95/6700
MAR 21 0332 40.2s 37.72S 179.30E 12km M=3.9
0.4 0.02 0.03 R
Rsd 0.1s 12ph/10stn Dmin 89km Az.gap 289°
Corr. 0.546 14M/10stn Msd 0.3

95/6701
MAR 21 0359 42.2s 37.74S 179.30E 12km M=3.8
0.3 0.02 0.02 R
Rsd 0.1s 11ph/10stn Dmin 90km Az.gap 297°
Corr. 0.546 10M/9stn Msd 0.2

95/6702
MAR 21 0410 34.6s 39.03S 174.92E 210km M=4.9
0.4 0.01 0.01 3
Rsd 0.2s 57ph/51stn Dmin 41km Az.gap 119°
Corr. -0.297 23M/19stn Msd 0.3 11↑ 11↓

95/6706
MAR 21 0558 02.7s 37.24S 177.42E 12km M=4.0
0.3 0.02 0.02 R
Rsd 0.4s 10ph/8stn Dmin 38km Az.gap 188°
Corr. 0.375 9M/5stn Msd 0.3 1↓

95/6713
MAR 21 0917 22.4s 37.78S 176.29E 265km M=3.5
0.5 0.07 0.08 4
Rsd 0.2s 11ph/10stn Dmin 90km Az.gap 224°
Corr. -0.924 9M/9stn Msd 0.2

95/6721
MAR 21 1038 58.8s 38.69S 175.28E 142km M=3.5
0.6 0.03 0.05 10
Rsd 0.2s 12ph/11stn Dmin 167km Az.gap 228°
Corr. -0.530 6M/6stn Msd 0.2

95/6722
MAR 21 1121 57.5s 37.22S 177.42E 5km M=3.7
0.2 0.02 0.01 R
Rsd 0.3s 17ph/15stn Dmin 40km Az.gap 191°
Corr. 0.219 8M/4stn Msd 0.1 1↑

95/6723
MAR 21 1131 10.0s 45.01S 167.52E 75km M=3.6
0.3 0.01 0.02 2
Rsd 0.1s 18ph/15stn Dmin 49km Az.gap 234°
Corr. -0.428 21M/17stn Msd 0.2 6↑ 2↓

95/6725
MAR 21 1241 16.9s 38.09S 178.94E 33km M=3.9
0.2 0.01 0.02 R
Rsd 0.1s 13ph/11stn Dmin 78km Az.gap 263°
Corr. 0.169 17M/11stn Msd 0.2 1↓

95/6729
MAR 21 1341 17.0s 36.19S 178.15E 187km M=4.4
0.9 0.06 0.04 10
Rsd 0.3s 14ph/13stn Dmin 157km Az.gap 282°
Corr. 0.370 19M/15stn Msd 0.2

95/6732
MAR 21 1653 48.5s 37.49S 179.31E 12km M=4.2
0.3 0.02 0.02 R
Rsd 0.1s 34ph/32stn Dmin 90km Az.gap 290°
Corr. 0.312 13M/9stn Msd 0.3 1↑

95/6738
MAR 21 2028 47.3s 38.70S 175.67E 136km M=3.6
0.3 0.01 0.01 3
Rsd 0.1s 14ph/11stn Dmin 35km Az.gap 144°
Corr. 0.450 13M/11stn Msd 0.2 3↑ 1↓

95/6746
MAR 22 0111 21.1s 37.73S 176.75E 159km M=4.3
0.3 0.02 0.02 3
Rsd 0.2s 40ph/36stn Dmin 22km Az.gap 100°
Corr. -0.070 22M/20stn Msd 0.2 7↑ 1↓

95/6788
MAR 22 0834 10.7s 38.86S 175.73E 5km M=3.6
0.1 0.01 0.01 R
Rsd 0.3s 32ph/29stn Dmin 22km Az.gap 98°
Corr. -0.639 42M/35stn Msd 0.3 4↑ 1↓
Felt Waihora Rd (40) and Uruti (47) MM3.

95/6791
MAR 22 1124 37.6s 37.64S 179.78E 12km M=4.3
0.6 0.03 0.04 R
Rsd 0.2s 24ph/23stn Dmin 131km Az.gap 297°
Corr. 0.678 10M/5stn Msd 0.1 3↑ 3↓

95/6802
MAR 22 1729 38.6s 37.51S 179.83E 12km M=3.6
0.3 0.02 0.02 R
Rsd 0.1s 5ph/3stn Dmin 135km Az.gap 326°
Corr. 0.430 3M/3stn Msd 0.4 1↑ 1↓

95/6806
MAR 22 1943 30.9s 41.05S 174.18E 90km M=6.5
0.1 0.01 0.01 2
Rsd 0.2s 41ph/32stn Dmin 20km Az.gap 42°
Corr. -0.132 7M/4stn Msd 0.3 30↑ 21↓
Felt Auckland to Dunedin, maximum intensity MM6 in Nelson (76). Wellington and Taranaki nets overloaded, amplitudes deleted.

95/6818
MAR 23 0528 36.3s 37.40S 176.57E 172km M=3.7
1.3 0.08 0.09 15
Rsd 0.4s 11ph/9stn Dmin 81km Az.gap 249°
Corr. -0.521 13M/13stn Msd 0.2

95/6826
MAR 23 0925 45.7s 40.09S 174.23E 143km M=3.9
0.4 0.01 0.01 4
Rsd 0.3s 38ph/34stn Dmin 68km Az.gap 103°
Corr. -0.084 21M/19stn Msd 0.3 1↓

95/6835
MAR 23 1606 18.6s 38.13S 178.49E 59km M=3.7
0.6 0.02 0.04 6
Rsd 0.3s 9ph/6stn Dmin 62km Az.gap 233°
Corr. -0.421 2M/2stn Msd 0.2

95/6840
MAR 23 1958 38.3s 36.78S 177.67E 127km M=4.6
0.6 0.04 0.02 4
Rsd 0.1s 32ph/31stn Dmin 93km Az.gap 272°
Corr. 0.529 23M/21stn Msd 0.2 1↓

95/6848
MAR 24 0011 07.9s 37.90S 178.92E 12km M=3.7
0.3 0.01 0.02 R
Rsd 0.1s 19ph/18stn Dmin 64km Az.gap 271°
Corr. 0.559 27M/25stn Msd 0.2 1↑ 1↓

95/6850
MAR 24 0137 42.3s 35.44S 179.17E 192km M=4.9
0.4 0.04 0.02 5
Rsd 0.1s 28ph/26stn Dmin 251km Az.gap 326°
Corr. 0.401 23M/21stn Msd 0.2 2↑ 2↓

95/6858
MAR 24 0551 21.3s 38.13S 179.01E 62km M=4.6
0.3 0.01 0.02 3
Rsd 0.1s 21ph/20stn Dmin 86km Az.gap 264°
Corr. -0.040 23M/21stn Msd 0.3 1↑ 1↓

95/6859
MAR 24 0620 11.7s 39.33S 175.12E 117km M=3.7
0.3 0.01 0.01 3
Rsd 0.2s 35ph/30stn Dmin 39km Az.gap 119°
Corr. 0.366 21M/19stn Msd 0.2 6↑ 2↓

95/6861
MAR 24 0759 06.8s 38.03S 178.75E 12km M=3.8
0.6 0.01 0.05 R
Rsd 0.2s 16ph/15stn Dmin 62km Az.gap 250°
Corr. 0.575 42M/35stn Msd 0.2 1↑ 3↓

95/6886
MAR 24 2212 32.7s 34.56S 177.81E 33km M=4.7
0.2 0.02 0.03 R
Rsd 0.1s 5ph/3stn Dmin 392km Az.gap 338°
Corr. 0.371 1M/1stn Msd N.D.

95/6887
MAR 24 2246 13.4s 34.21S 177.24E 33km M=5.2
0.4 0.03 0.03 R
Rsd 0.1s 6ph/4stn Dmin 439km Az.gap 330°
Corr. 0.467 3M/3stn Msd 0.2

95/6890
MAR 25 0033 32.7s 37.95S 179.36E 12km M=3.5
0.7 0.03 0.04 R
Rsd 0.3s 11ph/9stn Dmin 97km Az.gap 291°
Corr. 0.394 7M/7stn Msd 0.2

95/6895
MAR 25 0406 41.4s 36.98S 176.96E 264km M=3.7
1.4 0.12 0.17 19
Rsd 0.4s 10ph/9stn Dmin 137km Az.gap 272°
Corr. -0.860 10M/10stn Msd 0.2

95/6904
MAR 25 0917 58.1s 38.31S 175.94E 153km M=3.7
0.4 0.04 0.07 5
Rsd 0.2s 19ph/13stn Dmin 103km Az.gap 219°
Corr. -0.914 19M/18stn Msd 0.4

95/6917
MAR 25 1709 57.2s 37.67S 179.47E 12km M=3.8
0.3 0.02 0.02 R
Rsd 0.1s 32ph/30stn Dmin 103km Az.gap 293°
Corr. 0.127 24M/24stn Msd 0.1 1↑ 3↓

95/6922
MAR 25 1901 27.9s 37.14S 177.43E 5km M=3.7
0.6 0.04 0.01 R
Rsd 0.2s 11ph/10stn Dmin 48km Az.gap 260°
Corr. 0.378 10M/7stn Msd 0.2 1↓

95/6929
MAR 25 2206 22.8s 37.45S 179.37E 12km M=3.6
0.4 0.02 0.03 R
Rsd 0.2s 14ph/11stn Dmin 96km Az.gap 321°
Corr. -0.118 11M/9stn Msd 0.4 1↓

95/6933
MAR 25 2315 11.2s 37.29S 176.56E 193km M=3.6
0.6 0.04 0.04 5
Rsd 0.2s 13ph/11stn Dmin 118km Az.gap 257°
Corr. -0.770 14M/13stn Msd 0.3 1↑

95/6935
MAR 26 0017 01.0s 39.63S 174.44E 227km M=3.6
0.2 0.02 0.01 2
Rsd 0.1s 17ph/14stn Dmin 137km Az.gap 269°
Corr. -0.521 13M/13stn Msd 0.2 6↑ 1↓

95/6939
MAR 26 0409 51.2s 38.11S 176.04E 207km M=3.5
0.2 0.02 0.04 2
Rsd 0.1s 15ph/13stn Dmin 95km Az.gap 232°
Corr. -0.959 5M/5stn Msd 0.2

95/6946
MAR 26 0807 56.4s 39.16S 175.38E 7km M=3.5
0.2 0.01 0.01 2
Rsd 0.3s 31ph/26stn Dmin 12km Az.gap 95°
Corr. -0.055 29M/27stn Msd 0.4 2↑ 3↓

95/6960
MAR 26 1412 22.8s 36.82S 177.07E 246km M=4.0
0.5 0.12 0.03 8
Rsd 0.1s 13ph/11stn Dmin 136km Az.gap 293°
Corr. -0.176 16M/16stn Msd 0.2 8↑ 1↓

95/6966
MAR 26 1907 32.6s 37.53S 179.50E 12km M=4.6
0.4 0.02 0.03 R
Rsd 0.2s 38ph/34stn Dmin 125km Az.gap 293°
Corr. 0.209 23M/13stn Msd 0.2 10↑ 3↓

95/6968
MAR 26 1948 49.9s 40.42S 179.18E 33km M=3.7
1.0 0.03 0.08 R
Rsd 0.4s 23ph/20stn Dmin 176km Az.gap 270°
Corr. -0.733 20M/19stn Msd 0.2 1↑ 1↓

95/6969
MAR 26 2109 21.6s 37.43S 179.37E 12km M=3.6
0.5 0.05 0.04 R
Rsd 0.2s 5ph/3stn Dmin 121km Az.gap 336°
Corr. -0.453 3M/2stn Msd 0.4 1↑ 2↓

95/6972
MAR 26 2146 05.5s 39.32S 175.37E 5km M=3.6
0.1 0.01 0.01 R
Rsd 0.2s 36ph/31stn Dmin 18km Az.gap 88°
Corr. -0.344 30M/25stn Msd 0.4 10↑ 6↓

95/6986
MAR 27 0142 57.6s 39.76S 174.16E 141km M=3.5
0.3 0.01 0.02 4
Rsd 0.2s 25ph/21stn Dmin 118km Az.gap 210°
Corr. -0.612 15M/14stn Msd 0.3 1↑

95/6987
MAR 27 0212 30.7s 37.36S 179.34E 12km M=3.7
0.4 0.02 0.03 R
Rsd 0.1s 14ph/12stn Dmin 124km Az.gap 291°
Corr. -0.141 14M/12stn Msd 0.2 1↓

95/6991
MAR 27 0306 46.0s 45.38S 167.20E 111km M=3.7
0.1 0.01 0.01 1
Rsd 0.1s 19ph/14stn Dmin 82km Az.gap 239°
Corr. -0.205 20M/16stn Msd 0.2 1↑ 11↓

95/7007
MAR 27 0845 40.9s 37.50S 179.37E 12km M=3.8
0.4 0.03 0.03 R
Rsd 0.2s 22ph/19stn Dmin 117km Az.gap 291°
Corr. -0.274 21M/18stn Msd 0.2 1↓

95/7010
MAR 27 1000 40.1s 38.11S 176.01E 194km M=4.2
0.4 0.02 0.02 3
Rsd 0.2s 24ph/20stn Dmin 45km Az.gap 144°
Corr. -0.157 25M/22stn Msd 0.2 7↑ 3↓

95/7023
MAR 27 1724 04.6s 40.05S 178.89E 33km M=3.5
0.7 0.02 0.05 R
Rsd 0.4s 26ph/22stn Dmin 175km Az.gap 266°
Corr. -0.590 21M/21stn Msd 0.3 1↓

95/7035
MAR 27 2045 01.8s 37.09S 177.53E 123km M=4.2
0.3 0.03 0.02 4
Rsd 0.2s 26ph/21stn Dmin 57km Az.gap 242°
Corr. 0.596 25M/21stn Msd 0.2 1↓

95/7041
MAR 27 2357 04.8s 37.80S 176.54E 163km M=3.6
0.1 0.01 0.01 1
Rsd 0.0s 12ph/11stn Dmin 72km Az.gap 272°
Corr. -0.362 3M/2stn Msd 0.1

95/7042
MAR 28 0008 42.9s 37.81S 179.22E 12km M=3.6
0.7 0.03 0.04 R
Rsd 0.2s 14ph/13stn Dmin 137km Az.gap 308°
Corr. 0.555 20M/19stn Msd 0.1

95/7044
MAR 28 0018 03.3s 38.66S 175.29E 253km M=3.7
0.5 0.03 0.03 4
Rsd 0.2s 23ph/19stn Dmin 63km Az.gap 211°
Corr. -0.593 18M/18stn Msd 0.3 5↑ 2↓

95/7082
MAR 28 1702 56.7s 40.61S 175.96E 29km M=2.6
0.1 0.01 0.01 1
Rsd 0.3s 16ph/13stn Dmin 27km Az.gap 117°
Corr. -0.670 15M/13stn Msd 0.2 2↑ 1↓
Felt Marton (61) MM3.

95/7084
MAR 28 1713 44.8s 37.52S 179.26E 12km M=3.5
0.9 0.05 0.07 R
Rsd 0.3s 10ph/8stn Dmin 162km Az.gap 292°
Corr. 0.078 7M/7stn Msd 0.2 1↑

95/7096
MAR 28 2202 26.2s 37.73S 179.39E 33km M=3.8
0.7 0.04 0.04 R
Rsd 0.2s 20ph/16stn Dmin 154km Az.gap 311°
Corr. 0.277 23M/20stn Msd 0.4

95/7103
MAR 29 0316 16.1s 37.84S 179.12E 12km M=4.1
0.6 0.02 0.04 R
Rsd 0.1s 25ph/23stn Dmin 128km Az.gap 284°
Corr. 0.554 13M/9stn Msd 0.4 2↑ 2↓

95/7105
MAR 29 0549 50.1s 37.31S 177.45E 84km M=3.7
0.2 0.02 0.02 5
Rsd 0.1s 12ph/10stn Dmin 96km Az.gap 230°
Corr. 0.772 8M/7stn Msd 0.2 1↑ 4↓

95/7109
MAR 29 0845 24.3s 37.78S 177.61E 47km M=3.5
0.2 0.02 0.02 4
Rsd 0.1s 30ph/27stn Dmin 69km Az.gap 246°
Corr. 0.661 18M/16stn Msd 0.2 1↓

95/7114
MAR 29 1014 24.2s 37.57S 179.17E 12km M=4.0
0.7 0.04 0.04 R
Rsd 0.2s 18ph/15stn Dmin 153km Az.gap 287°
Corr. 0.648 8M/5stn Msd 0.1 1↑

95/7120
MAR 29 1323 39.4s 38.56S 176.56E 72km M=3.8
0.1 0.01 0.01 1
Rsd 0.2s 49ph/37stn Dmin 17km Az.gap 38°
Corr. 0.017 25M/21stn Msd 0.3 1↑ 14↓

95/7131
MAR 29 1828 18.4s 36.08S 177.42E 248km M=3.6
0.4 0.07 0.18 6
Rsd 0.1s 10ph/9stn Dmin 244km Az.gap 342°
Corr. -0.919 8M/8stn Msd 0.2

95/7137
MAR 29 2031 12.5s 44.71S 167.82E 9km M=3.9
0.3 0.02 0.02 1
Rsd 0.1s 17ph/14stn Dmin 10km Az.gap 227°
Corr. -0.456 23M/17stn Msd 0.4 2↑ 9↓

95/7155
MAR 30 0844 24.2s 38.81S 178.10E 57km M=4.3
0.3 0.01 0.02 2
Rsd 0.2s 42ph/39stn Dmin 23km Az.gap 220°
Corr. -0.028 25M/21stn Msd 0.3 5↑ 3↓
Felt Ormond (44) MM4 and Ruakaka (44).

95/7156
MAR 30 0924 58.6s 37.08S 176.88E 247km M=4.0
0.2 0.04 0.02 3
Rsd 0.1s 23ph/21stn Dmin 102km Az.gap 281°
Corr. 0.034 20M/20stn Msd 0.2 1↓

95/7172
MAR 30 1400 39.6s 38.04S 179.13E 12km M=3.5
0.4 0.03 0.02 R
Rsd 0.1s 12ph/10stn Dmin 77km Az.gap 311°
Corr. 0.478 12M/10stn Msd 0.3 1↓

95/7173
MAR 30 1400 46.4s 38.10S 179.06E 12km M=3.7
0.8 0.05 0.04 R
Rsd 0.3s 12ph/10stn Dmin 70km Az.gap 308°
Corr. 0.559 16M/13stn Msd 0.2

95/7208
MAR 31 0040 39.9s 37.25S 179.09E 12km M=3.8
0.3 0.02 0.02 R
Rsd 0.2s 15ph/12stn Dmin 117km Az.gap 291°
Corr. 0.037 11M/10stn Msd 0.3 1↓

95/7210
MAR 31 0120 19.7s 37.68S 176.65E 142km M=3.6
0.6 0.04 0.02 5
Rsd 0.2s 16ph/14stn Dmin 21km Az.gap 173°
Corr. 0.666 20M/20stn Msd 0.2 9↑ 1↓

95/7213
MAR 31 0310 49.3s 36.34S 178.22E 233km M=3.5
0.2 0.03 0.03 2
Rsd 0.1s 5ph/3stn Dmin 193km Az.gap 334°
Corr. -0.652 3M/3stn Msd 0.1

95/7221
MAR 31 0838 58.6s 38.17S 177.40E 47km M=3.7
0.1 0.01 0.01 2
Rsd 0.2s 48ph/44stn Dmin 27km Az.gap 97°
Corr. 0.218 25M/22stn Msd 0.3 1↑ 13↓

95/7223
MAR 31 0955 17.9s 42.85S 171.64E 5km M=3.6
0.2 0.01 0.01 R
Rsd 0.2s 17ph/14stn Dmin 52km Az.gap 115°
Corr. -0.351 33M/27stn Msd 0.3 3↑ 2↓

95/7242
MAR 31 2026 57.0s 37.73S 176.38E 227km M=4.2
0.7 0.04 0.02 6
Rsd 0.3s 22ph/20stn Dmin 17km Az.gap 207°
Corr. -0.116 23M/21stn Msd 0.2 11↑ 1↓

95/7246
MAR 31 2314 35.5s 40.22S 173.58E 172km M=4.5
0.3 0.01 0.01 3
Rsd 0.2s 45ph/33stn Dmin 71km Az.gap 145°
Corr. -0.002 8M/5stn Msd 0.2 24↑ 13↓

95/7253
APR 01 0611 14.2s 38.65S 175.50E 256km M=4.2
0.7 0.03 0.04 5
Rsd 0.3s 26ph/22stn Dmin 39km Az.gap 140°
Corr. -0.331 23M/21stn Msd 0.2 2↑ 3↓

95/7254
APR 01 0634 22.7s 37.72S 177.27E 72km M=3.6
0.2 0.02 0.01 2
Rsd 0.2s 16ph/12stn Dmin 22km Az.gap 134°
Corr. 0.356 4M/2stn Msd 0.1 1↓

95/7266
APR 01 1236 11.1s 37.84S 179.33E 12km M=3.6
0.3 0.02 0.02 R
Rsd 0.2s 14ph/12stn Dmin 98km Az.gap 308°
Corr. 0.098 6M/5stn Msd 0.3 2↑ 2↓

95/7279
APR 01 1624 08.0s 45.25S 167.38E 5km M=3.7
0.3 0.01 0.02 R
Rsd 0.2s 19ph/14stn Dmin 77km Az.gap 232°
Corr. -0.115 19M/15stn Msd 0.2 2↑ 7↓

95/7290
APR 02 0215 50.3s 35.78S 178.65E 232km M=4.0
1.2 0.32 0.15 38
Rsd 0.3s 5ph/3stn Dmin 257km Az.gap 342°
Corr. -0.372 2M/2stn Msd 0.2 1↓

95/7302
APR 02 0843 59.1s 37.73S 179.35E 12km M=3.6
0.2 0.02 0.01 R
Rsd 0.1s 10ph/9stn Dmin 103km Az.gap 318°
Corr. -0.067 10M/10stn Msd 0.2 2↑ 2↓

95/7314
APR 02 1323 46.4s 37.95S 176.18E 199km M=3.8
0.6 0.03 0.03 5
Rsd 0.2s 22ph/19stn Dmin 37km Az.gap 235°
Corr. -0.448 23M/22stn Msd 0.2 1↓

95/7323
APR 02 1827 20.7s 39.24S 175.36E 5km M=3.6
0.1 0.01 0.01 R
Rsd 0.3s 40ph/38stn Dmin 16km Az.gap 84°
Corr. -0.178 40M/35stn Msd 0.3 2↑ 2↓

95/7328
APR 02 2046 49.9s 41.57S 174.65E 46km M=4.4
0.1 0.01 0.01 1
Rsd 0.1s 29ph/25stn Dmin 26km Az.gap 146°
Corr. -0.600 20M/15stn Msd 0.3 5↑ 13↓
Felt Paraparaumu (65) to Fighting Bay (78), max. int. MM4.

95/7332
APR 02 2153 46.0s 39.19S 175.42E 12km M=3.9
0.1 0.00 0.00 R
Rsd 0.1s 31ph/29stn Dmin 11km Az.gap 84°
Corr. 0.149 8M/4stn Msd 0.2 2↑ 5↓
Felt Ohakune (49) MM4.

95/7337
APR 02 2200 07.4s 39.22S 175.38E 5km M=3.5
0.1 0.01 0.00 R
Rsd 0.1s 29ph/26stn Dmin 15km Az.gap 93°
Corr. -0.136 26M/22stn Msd 0.2

95/7338
APR 02 2203 22.7s 39.21S 175.39E 12km M=3.5
0.1 0.01 0.01 R
Rsd 0.2s 36ph/33stn Dmin 13km Az.gap 74°
Corr. -0.042 15M/11stn Msd 0.3 1↑ 2↓

95/7339
APR 02 2203 43.5s 39.26S 175.32E 5km M=4.8
0.2 0.01 0.01 R
Rsd 0.2s 49ph/45stn Dmin 21km Az.gap 132°
Corr. 0.157 42M/22stn Msd 0.2 1↑
Felt Kakahi (39) to Marton (61) MM4.

95/7358
APR 02 2245 01.3s 39.24S 175.37E 5km M=3.9
0.1 0.01 0.01 R
Rsd 0.3s 49ph/43stn Dmin 16km Az.gap 79°
Corr. -0.275 10M/6stn Msd 0.4 3↑ 3↓
Felt Ohakune (49) MM4.

95/7368
APR 03 0002 48.0s 36.08S 178.82E 12km M=3.8
0.9 0.06 0.06 R
Rsd 0.3s 9ph/7stn Dmin 226km Az.gap 328°
Corr. -0.011 7M/6stn Msd 0.2

95/7418
APR 03 1116 26.3s 37.74S 179.29E 12km M=3.5
0.3 0.02 0.02 R
Rsd 0.1s 16ph/14stn Dmin 98km Az.gap 318°
Corr. -0.213 13M/13stn Msd 0.2 2↑ 2↓

95/7426
APR 03 1434 02.1s 37.78S 179.35E 12km M=3.7
0.3 0.02 0.02 R
Rsd 0.1s 25ph/22stn Dmin 101km Az.gap 291°
Corr. 0.041 31M/27stn Msd 0.2 1↑ 2↓

95/7427
APR 03 1440 22.0s 39.23S 175.36E 5km M=3.6
0.1 0.01 0.01 R
Rsd 0.3s 43ph/41stn Dmin 17km Az.gap 73°
Corr. -0.248 44M/40stn Msd 0.3 4↑ 3↓

95/7428
APR 03 1504 24.4s 37.79S 179.40E 12km M=3.8
0.3 0.03 0.02 R
Rsd 0.2s 22ph/20stn Dmin 105km Az.gap 292°
Corr. 0.007 26M/23stn Msd 0.2 1↓

95/7435
APR 03 1659 30.4s 38.36S 179.12E 12km M=5.0
0.3 0.01 0.02 R
Rsd 0.1s 33ph/31stn Dmin 82km Az.gap 281°
Corr. 0.704 34M/18stn Msd 0.2 1↓

95/7438
APR 03 1720 52.7s 37.64S 179.37E 12km M=3.5
0.5 0.04 0.04 R
Rsd 0.2s 16ph/13stn Dmin 109km Az.gap 295°
Corr. -0.392 11M/10stn Msd 0.2

95/7445
APR 03 1959 10.7s 37.76S 179.39E 12km M=4.1
0.3 0.02 0.02 R
Rsd 0.2s 20ph/18stn Dmin 105km Az.gap 309°
Corr. 0.196 12M/6stn Msd 0.2 1↑

95/7446
APR 03 2008 37.7s 37.79S 179.35E 12km M=3.5
0.5 0.03 0.03 R
Rsd 0.2s 12ph/10stn Dmin 101km Az.gap 309°
Corr. 0.365 8M/8stn Msd 0.1 3↑ 2↓

95/7461
APR 04 0033 05.7s 40.70S 174.88E 60km M=4.8
0.2 0.01 0.01 5
Rsd 0.3s 35ph/32stn Dmin 49km Az.gap 66°
Corr. 0.025 9M/5stn Msd 0.4 3↑ 7↓
Felt widely Foxton (61) to Wellington (68), max. int. MM4.

95/7462
APR 04 0209 53.6s 37.36S 179.52E 12km M=4.2
0.3 0.02 0.02 R
Rsd 0.2s 31ph/25stn Dmin 137km Az.gap 295°
Corr. -0.020 13M/7stn Msd 0.1 1↓

95/7467
APR 04 0521 56.7s 37.07S 177.87E 105km M=3.7
0.6 0.06 0.03 9
Rsd 0.3s 11ph/9stn Dmin 116km Az.gap 281°
Corr. 0.548 4M/4stn Msd 0.1 1↑ 3↓

95/7469
APR 04 0649 45.7s 37.77S 179.28E 12km M=3.6
0.4 0.04 0.02 R
Rsd 0.2s 12ph/10stn Dmin 96km Az.gap 317°
Corr. -0.130 4M/4stn Msd 0.3 1↓

95/7480
APR 04 1115 41.7s 38.68S 177.49E 64km M=3.5
0.2 0.01 0.01 3
Rsd 0.2s 25ph/18stn Dmin 48km Az.gap 169°
Corr. 0.028 3M/2stn Msd 0.2 2↑ 8↓

95/7482
APR 04 1206 29.5s 37.14S 177.45E 5km M=3.6
0.4 0.03 0.02 R
Rsd 0.3s 11ph/7stn Dmin 49km Az.gap 221°
Corr. 0.578 7M/4stn Msd 0.3 2↑ 1↓

95/7485
APR 04 1319 59.1s 37.82S 178.68E 31km M=4.1
0.3 0.01 0.02 2
Rsd 0.1s 24ph/22stn Dmin 47km Az.gap 271°
Corr. 0.371 19M/11stn Msd 0.2 1↑ 2↓

95/7491
APR 04 1737 14.1s 41.43S 178.46E 33km M=3.8
0.9 0.05 0.05 R
Rsd 0.6s 26ph/22stn Dmin 250km Az.gap 278°
Corr. -0.751 14M/13stn Msd 0.5 2↑ 2↓

95/7492
APR 04 1751 14.0s 37.48S 179.28E 12km M=4.3
0.7 0.03 0.05 R
Rsd 0.3s 17ph/16stn Dmin 111km Az.gap 289°
Corr. 0.332 9M/5stn Msd 0.2 3↑ 2↓

95/7521
APR 05 0644 41.3s 37.81S 179.33E 12km M=4.7
0.3 0.02 0.02 R
Rsd 0.2s 47ph/43stn Dmin 98km Az.gap 288°
Corr. -0.108 31M/16stn Msd 0.1 2↑ 2↓

95/7555
APR 05 2120 44.9s 39.87S 173.82E 140km M=3.7
0.3 0.01 0.01 4
Rsd 0.2s 28ph/22stn Dmin 60km Az.gap 144°
Corr. -0.512 14M/14stn Msd 0.2 8↑ 7↓

95/7556
APR 05 2146 45.6s 38.16S 179.89E 12km M=3.9
0.5 0.09 0.03 R
Rsd 0.2s 14ph/10stn Dmin 143km Az.gap 309°
Corr. 0.217 12M/9stn Msd 0.2

95/7564
APR 06 0108 10.6s 37.40S 179.42E 12km M=4.4
0.2 0.02 0.02 R
Rsd 0.1s 25ph/22stn Dmin 127km Az.gap 295°
Corr. -0.457 14M/8stn Msd 0.3 1↓

95/7568
APR 06 0200 58.0s 37.40S 179.40E 12km M=3.9
0.1 0.01 0.01 R
Rsd 0.1s 22ph/20stn Dmin 125km Az.gap 292°
Corr. -0.201 22M/16stn Msd 0.3

95/7571
APR 06 0259 51.2s 37.43S 179.36E 12km M=3.6
0.3 0.02 0.02 R
Rsd 0.1s 10ph/8stn Dmin 121km Az.gap 297°
Corr. -0.103 3M/3stn Msd 0.1 1↓

95/7579
APR 06 0808 39.5s 37.48S 179.20E 12km M=3.7
0.3 0.02 0.03 R
Rsd 0.2s 17ph/15stn Dmin 106km Az.gap 287°
Corr. -0.264 17M/14stn Msd 0.3

95/7583
APR 06 0904 16.6s 39.63S 177.21E 31km M=3.5
0.2 0.01 0.02 1
Rsd 0.3s 36ph/30stn Dmin 28km Az.gap 180°
Corr. -0.503 38M/34stn Msd 0.3 1↓

95/7585
APR 06 1001 31.8s 37.21S 176.78E 258km M=4.3
0.8 0.10 0.04 8
Rsd 0.3s 18ph/16stn Dmin 74km Az.gap 252°
Corr. 0.470 20M/18stn Msd 0.2 5↑ 1↓

95/7594
APR 06 1336 02.2s 40.36S 174.53E 92km M=3.6
0.2 0.00 0.01 2
Rsd 0.2s 35ph/30stn Dmin 64km Az.gap 83°
Corr. 0.137 20M/17stn Msd 0.2 1↑

95/7600
APR 06 1728 59.2s 37.86S 176.85E 144km M=4.4
0.3 0.02 0.02 3
Rsd 0.2s 45ph/37stn Dmin 20km Az.gap 140°
Corr. 0.307 27M/22stn Msd 0.2 15↑ 6↓

95/7606
APR 06 1950 13.7s 40.37S 174.64E 99km M=4.3
0.2 0.00 0.01 3
Rsd 0.1s 40ph/34stn Dmin 60km Az.gap 79°
Corr. 0.270 26M/20stn Msd 0.2
Felt Miramar (68).

95/7607
APR 06 1959 30.7s 37.48S 179.24E 12km M=3.8
0.3 0.02 0.02 R
Rsd 0.1s 12ph/10stn Dmin 109km Az.gap 289°
Corr. -0.053 13M/9stn Msd 0.4

95/7609
APR 06 2015 35.1s 40.18S 174.48E 87km M=4.5
0.2 0.00 0.01 3
Rsd 0.2s 44ph/37stn Dmin 57km Az.gap 87°
Corr. 0.289 9M/5stn Msd 0.1 15↑ 4↓
Felt Taranaki (47,59) MM4.

95/7622
APR 07 0220 21.3s 39.31S 175.41E 12km M=3.6
0.1 0.01 0.01 R
Rsd 0.2s 26ph/22stn Dmin 14km Az.gap 91°
Corr. -0.407 28M/24stn Msd 0.4 3↑ 3↓

95/7626
APR 07 0313 39.5s 38.41S 176.03E 164km M=3.8
0.7 0.03 0.03 6
Rsd 0.3s 19ph/11stn Dmin 71km Az.gap 114°
Corr. 0.098 17M/15stn Msd 0.2 1↑

95/7632
APR 07 0824 58.2s 37.11S 176.88E 233km M=4.2
0.4 0.06 0.03 4
Rsd 0.1s 13ph/11stn Dmin 103km Az.gap 271°
Corr. 0.166 24M/20stn Msd 0.2 1↓

95/7636
APR 07 1015 57.2s 38.81S 177.49E 46km M=3.7
0.2 0.01 0.01 3
Rsd 0.3s 34ph/29stn Dmin 38km Az.gap 75°
Corr. 0.063 8M/6stn Msd 0.4 8↑ 2↓

95/7637
APR 07 1020 52.0s 38.81S 177.48E 44km M=3.7
0.2 0.01 0.01 4
Rsd 0.2s 39ph/36stn Dmin 37km Az.gap 74°
Corr. 0.049 21M/19stn Msd 0.3 8↑ 2↓

95/7646
APR 07 1328 43.0s 37.50S 179.04E 12km M=3.6
0.2 0.01 0.01 R
Rsd 0.1s 14ph/10stn Dmin 94km Az.gap 322°
Corr. -0.456 11M/9stn Msd 0.2 1↓

95/7656
APR 07 2052 39.3s 37.52S 179.33E 12km M=3.5
0.5 0.04 0.04 R
Rsd 0.1s 6ph/4stn Dmin 113km Az.gap 343°
Corr. -0.680 2M/2stn Msd 0.1 1↑

95/7657
APR 07 2055 31.9s 37.42S 179.31E 12km M=3.6
0.2 0.02 0.02 R
Rsd 0.1s 10ph/8stn Dmin 118km Az.gap 329°
Corr. -0.536 4M/4stn Msd 0.3

95/7658
APR 07 2318 30.5s 37.48S 179.26E 12km M=3.6
0.7 0.05 0.06 R
Rsd 0.2s 5ph/3stn Dmin 110km Az.gap 340°
Corr. -0.647 2M/2stn Msd 0.1

95/7659
APR 07 2330 29.2s 37.48S 179.33E 12km M=4.2
0.4 0.03 0.03 R
Rsd 0.2s 21ph/18stn Dmin 115km Az.gap 316°
Corr. -0.209 11M/7stn Msd 0.1 1↑ 2↓

95/7666
APR 08 0217 54.0s 41.80S 172.53E 83km M=4.2
0.3 0.01 0.02 3
Rsd 0.2s 25ph/18stn Dmin 31km Az.gap 85°
Corr. -0.319 21M/16stn Msd 0.2 4↑ 8↓

95/7669
APR 08 0549 54.9s 37.48S 179.27E 12km M=4.2
0.2 0.02 0.02 R
Rsd 0.1s 25ph/20stn Dmin 111km Az.gap 289°
Corr. -0.072 11M/7stn Msd 0.5 1↑

95/7680
APR 08 1142 50.8s 37.46S 175.51E 5km M=4.0
0.2 0.01 0.02 R
Rsd 0.3s 37ph/32stn Dmin 46km Az.gap 160°
Corr. 0.204 25M/13stn Msd 0.2 2↑ 3↓
Felt Waihi (21), maximum intensity MM5.

95/7687
APR 08 1421 12.5s 37.69S 179.28E 12km M=4.0
0.3 0.02 0.02 R
Rsd 0.2s 20ph/18stn Dmin 100km Az.gap 289°
Corr. 0.052 11M/6stn Msd 0.1 1↓

95/7702
APR 09 0059 30.4s 37.18S 176.45E 267km M=3.7
0.4 0.05 0.05 4
Rsd 0.2s 13ph/11stn Dmin 134km Az.gap 278°
Corr. -0.729 11M/11stn Msd 0.3

95/7712
APR 09 0735 38.5s 37.32S 176.36E 226km M=3.6
0.8 0.07 0.06 6
Rsd 0.3s 9ph/7stn Dmin 123km Az.gap 315°
Corr. -0.282 2M/2stn Msd 0.0

95/7715
APR 09 0832 06.7s 45.11S 167.41E 123km M=4.1
0.4 0.03 0.02 3
Rsd 0.2s 19ph/14stn Dmin 44km Az.gap 198°
Corr. -0.350 8M/4stn Msd 0.2 8↑ 4↓

95/7718
APR 09 0936 03.3s 37.74S 179.60E 98km M=4.1
1.4 0.04 0.11 9
Rsd 0.2s 11ph/9stn Dmin 168km Az.gap 296°
Corr. 0.728 6M/3stn Msd 0.1

95/7719
APR 09 0948 19.6s 37.73S 179.27E 12km M=3.6
0.2 0.03 0.02 R
Rsd 0.1s 11ph/9stn Dmin 97km Az.gap 293°
Corr. -0.672 10M/9stn Msd 0.2

95/7725
APR 09 1531 41.3s 37.29S 177.42E 136km M=3.9
0.3 0.03 0.02 3
Rsd 0.2s 10ph/8stn Dmin 96km Az.gap 287°
Corr. -0.221 3M/3stn Msd 0.3 1↑

95/7732
APR 10 0116 01.3s 37.12S 176.97E 244km M=3.7
0.4 0.05 0.03 4
Rsd 0.2s 12ph/9stn Dmin 103km Az.gap 288°
Corr. -0.128 8M/8stn Msd 0.1 1↓

95/7733
APR 10 0342 06.5s 38.36S 176.12E 147km M=3.8
0.7 0.04 0.02 6
Rsd 0.2s 13ph/11stn Dmin 87km Az.gap 228°
Corr. -0.414 17M/17stn Msd 0.3

95/7740
APR 10 0636 08.8s 37.37S 176.54E 284km M=3.7
0.4 0.05 0.04 3
Rsd 0.1s 11ph/9stn Dmin 110km Az.gap 272°
Corr. -0.646 15M/15stn Msd 0.2

95/7754
APR 10 1541 34.9s 40.33S 173.42E 176km M=4.2
0.4 0.01 0.01 3
Rsd 0.2s 40ph/32stn Dmin 68km Az.gap 148°
Corr. -0.003 26M/23stn Msd 0.2

95/7755
APR 10 1547 17.9s 37.56S 179.36E 12km M=3.6
0.2 0.01 0.01 R
Rsd 0.1s 15ph/13stn Dmin 113km Az.gap 290°
Corr. 0.052 12M/11stn Msd 0.2

95/7759
APR 10 2010 55.2s 37.78S 179.36E 12km M=4.1
0.1 0.01 0.01 R
Rsd 0.0s 18ph/15stn Dmin 102km Az.gap 291°
Corr. -0.124 10M/7stn Msd 0.3

95/7763
APR 10 2126 20.9s 40.18S 174.96E 18km M=4.9
0.2 0.01 0.01 4
Rsd 0.3s 46ph/43stn Dmin 43km Az.gap 67°
Corr. 0.028 42M/22stn Msd 0.3 1↓
Felt New Plymouth (47) to Wellington (68), max. int. MM4.

95/7770
APR 10 2255 42.3s 40.18S 174.94E 18km M=4.3
0.2 0.01 0.01 4
Rsd 0.4s 45ph/37stn Dmin 43km Az.gap 67°
Corr. 0.083 15M/9stn Msd 0.2 2↑ 7↓
Felt Wanganui (57) and Paraparaumu (65) MM4.

95/7773
APR 11 0030 28.9s 45.10S 167.44E 89km M=3.6
0.3 0.02 0.01 3
Rsd 0.1s 20ph/14stn Dmin 47km Az.gap 237°
Corr. -0.250 18M/15stn Msd 0.1

95/7777
APR 11 0259 22.0s 37.84S 179.34E 12km M=3.5
1.0 0.09 0.05 R
Rsd 0.5s 7ph/5stn Dmin 99km Az.gap 329°
Corr. 0.012 8M/7stn Msd 0.2

95/7779
APR 11 0358 37.0s 42.50S 173.08E 34km M=3.6
0.1 0.01 0.01 8
Rsd 0.2s 26ph/20stn Dmin 39km Az.gap 119°
Corr. -0.436 16M/14stn Msd 0.2 3↑ 1↓

95/7786
APR 11 0725 52.1s 37.81S 179.20E 17km M=3.5
0.2 0.01 0.01 1
Rsd 0.1s 7ph/4stn Dmin 88km Az.gap 331°
Corr. 0.222 5M/4stn Msd 0.9

95/7788
APR 11 0815 57.1s 41.97S 174.43E 24km M=2.1
0.2 0.01 0.01 2
Rsd 0.1s 9ph/6stn Dmin 31km Az.gap 273°
Corr. -0.222 4M/4stn Msd 0.2
Felt Wanganui (57) MM3.

95/7789
APR 11 0820 06.0s 37.18S 178.90E 33km M=5.0
0.4 0.02 0.02 R
Rsd 0.2s 35ph/31stn Dmin 115km Az.gap 282°
Corr. 0.439 37M/19stn Msd 0.2 1↑ 6↓

95/7794
APR 11 1136 39.5s 36.58S 179.87E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.1s 12ph/9stn Dmin 219km Az.gap 309°
Corr. -0.042 7M/7stn Msd 0.2

95/7808
APR 11 1650 17.4s 40.18S 174.94E 12km M=3.5
0.1 0.01 0.01 R
Rsd 0.4s 36ph/29stn Dmin 42km Az.gap 67°
Corr. 0.001 34M/31stn Msd 0.3 1↓

95/7819
APR 12 0031 21.6s 37.82S 179.41E 12km M=4.3
0.4 0.02 0.03 R
Rsd 0.2s 28ph/25stn Dmin 105km Az.gap 290°
Corr. 0.355 17M/10stn Msd 0.1 1↑ 2↓

95/7820
APR 12 0033 36.2s 40.51S 173.26E 167km M=3.6
0.4 0.01 0.02 4
Rsd 0.1s 19ph/16stn Dmin 140km Az.gap 162°
Corr. -0.670 2M/2stn Msd 0.2 1↑

95/7826
APR 12 0332 27.9s 37.19S 177.44E 5km M=3.6
0.3 0.02 0.02 R
Rsd 0.3s 11ph/8stn Dmin 44km Az.gap 217°
Corr. 0.579 12M/9stn Msd 0.2 1↓

95/7832
APR 12 0602 32.4s 39.00S 179.72E 33km M=3.9
0.7 0.04 0.04 R
Rsd 0.2s 12ph/9stn Dmin 152km Az.gap 277°
Corr. -0.159 8M/6stn Msd 0.1 1↓

95/7835
APR 12 0630 07.7s 39.31S 174.99E 28km M=3.6
0.1 0.01 0.00 1
Rsd 0.1s 28ph/27stn Dmin 50km Az.gap 125°
Corr. -0.019 29M/27stn Msd 0.2

95/7843
APR 12 1111 38.5s 38.86S 179.18E 12km M=3.8
0.9 0.03 0.06 R
Rsd 0.4s 22ph/19stn Dmin 103km Az.gap 288°
Corr. 0.120 28M/25stn Msd 0.2

95/7845
APR 12 1142 27.0s 38.05S 176.34E 152km M=3.8
0.5 0.02 0.02 4
Rsd 0.2s 30ph/27stn Dmin 10km Az.gap 125°
Corr. -0.053 19M/18stn Msd 0.2 9↑ 2↓

95/7856
APR 12 1745 51.7s 37.65S 179.42E 33km M=4.3
0.6 0.03 0.04 R
Rsd 0.2s 30ph/28stn Dmin 163km Az.gap 292°
Corr. 0.662 23M/12stn Msd 0.1 1↑ 4↓

95/7861
APR 12 1942 12.0s 37.80S 179.33E 12km M=3.7
0.7 0.03 0.05 R
Rsd 0.2s 14ph/12stn Dmin 145km Az.gap 311°
Corr. 0.542 11M/9stn Msd 0.1

95/7868
APR 12 2333 10.9s 38.83S 176.03E 103km M=3.6
0.5 0.01 0.02 5
Rsd 0.3s 26ph/21stn Dmin 45km Az.gap 127°
Corr. -0.598 14M/14stn Msd 0.3 2↑ 3↓

95/7871
APR 13 0239 41.9s 38.66S 175.63E 164km M=3.8
0.9 0.04 0.04 8
Rsd 0.3s 12ph/10stn Dmin 57km Az.gap 209°
Corr. -0.665 14M/12stn Msd 0.2

95/7884
APR 13 0848 09.9s 36.93S 176.96E 252km M=3.6
1.7 0.14 0.07 12
Rsd 0.4s 11ph/10stn Dmin 149km Az.gap 306°
Corr. -0.343 5M/5stn Msd 0.4

95/7900
APR 13 1727 46.8s 45.07S 167.36E 108km M=4.0
0.3 0.02 0.01 3
Rsd 0.1s 17ph/12stn Dmin 47km Az.gap 206°
Corr. -0.351 19M/14stn Msd 0.2 2↑ 1↓

95/7902
APR 13 1806 45.9s 47.34S 164.96E 33km M=4.1
0.8 0.03 0.06 R
Rsd 0.2s 13ph/11stn Dmin 246km Az.gap 321°
Corr. 0.261 18M/14stn Msd 0.2

95/7918
APR 14 0620 10.6s 46.76S 166.32E 90km M=4.8
0.3 0.01 0.02 3
Rsd 0.1s 21ph/15stn Dmin 139km Az.gap 288°
Corr. 0.177 9M/5stn Msd 0.2 2↑ 3↓

95/7934
APR 14 1652 30.4s 38.20S 176.07E 185km M=4.6
0.4 0.02 0.03 3
Rsd 0.2s 55ph/46stn Dmin 9km Az.gap 118°
Corr. 0.177 21M/16stn Msd 0.2 5↑ 23↓

95/7946
APR 14 2149 27.7s 38.14S 176.01E 187km M=3.9
0.5 0.03 0.02 4
Rsd 0.2s 18ph/14stn Dmin 58km Az.gap 221°
Corr. -0.569 7M/7stn Msd 0.1 3↑ 1↓

95/7947
APR 14 2300 41.8s 36.45S 177.60E 275km M=3.8
0.4 0.04 0.04 3
Rsd 0.1s 12ph/10stn Dmin 187km Az.gap 326°
Corr. 0.180 9M/9stn Msd 0.2 1↑

95/7948
APR 14 2308 02.1s 37.03S 178.44E 62km M=5.9
0.3 0.02 0.01 2
Rsd 0.1s 39ph/36stn Dmin 117km Az.gap 272°
Corr. 0.762 8M/4stn Msd 0.2 4↑ 25↓
Felt Motuoapa (40) MM3.

95/7955
APR 15 0346 47.6s 44.47S 169.75E 11km M=3.6
0.1 0.01 0.00 1
Rsd 0.1s 17ph/15stn Dmin 12km Az.gap 149°
Corr. -0.498 18M/14stn Msd 0.2 1↓

95/7956
APR 15 0659 13.6s 37.19S 177.40E 12km M=3.6
0.3 0.02 0.02 R
Rsd 0.2s 12ph/9stn Dmin 105km Az.gap 215°
Corr. 0.597 8M/6stn Msd 0.3 1↓

95/7960
APR 15 1021 19.7s 36.99S 177.88E 12km M=3.6
0.4 0.02 0.02 R
Rsd 0.2s 18ph/14stn Dmin 125km Az.gap 289°
Corr. 0.530 15M/13stn Msd 0.2 1↑ 5↓

95/7962
APR 15 1222 45.1s 37.36S 179.32E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.2s 22ph/18stn Dmin 123km Az.gap 290°
Corr. -0.578 21M/17stn Msd 0.1 1↑ 1↓

95/7977
APR 15 1848 14.5s 37.78S 179.34E 12km M=3.8
0.3 0.02 0.02 R
Rsd 0.1s 18ph/16stn Dmin 100km Az.gap 290°
Corr. 0.331 22M/18stn Msd 0.2 1↓

95/7984
APR 15 2124 53.3s 38.94S 178.07E 46km M=3.8
0.2 0.01 0.01 3
Rsd 0.1s 33ph/28stn Dmin 33km Az.gap 201°
Corr. -0.464 18M/15stn Msd 0.2 1↑

95/7988
APR 15 2336 48.2s 37.44S 179.37E 12km M=3.6
0.4 0.03 0.03 R
Rsd 0.2s 14ph/11stn Dmin 121km Az.gap 291°
Corr. 0.033 10M/10stn Msd 0.2 1↑ 2↓

95/7989
APR 15 2340 12.1s 36.39S 177.28E 249km M=4.2
0.4 0.06 0.04 5
Rsd 0.2s 13ph/11stn Dmin 186km Az.gap 298°
Corr. -0.040 18M/16stn Msd 0.2 1↓

95/8000
APR 16 0435 56.6s 38.13S 179.12E 19km M=3.6
0.9 0.06 0.05 3
Rsd 0.2s 8ph/6stn Dmin 76km Az.gap 316°
Corr. 0.659 10M/8stn Msd 0.2

95/8008
APR 16 0756 59.1s 38.12S 176.36E 170km M=4.3
0.3 0.02 0.02 2
Rsd 0.2s 41ph/36stn Dmin 5km Az.gap 92°
Corr. 0.119 25M/20stn Msd 0.3 8↑ 5↓

95/8015
APR 16 1213 23.7s 37.65S 177.21E 121km M=3.8
0.3 0.02 0.01 2
Rsd 0.2s 25ph/20stn Dmin 53km Az.gap 170°
Corr. 0.192 14M/12stn Msd 0.2 3↑ 1↓

95/8030
APR 16 2055 14.0s 40.24S 176.42E 57km M=4.7
0.1 0.01 0.01 1
Rsd 0.1s 60ph/46stn Dmin 17km Az.gap 148°
Corr. -0.804 9M/5stn Msd 0.3 7↑ 12↓
Felt Patoka (52) to Palmerston North (62) and Pahiatua (63), maximum intensity MM4.

95/8049
APR 17 0440 31.2s 36.80S 176.73E 177km M=3.6
0.6 0.07 0.09 6
Rsd 0.2s 13ph/11stn Dmin 166km Az.gap 306°
Corr. -0.696 11M/11stn Msd 0.2

95/8060
APR 17 0949 28.7s 39.33S 177.98E 28km M=3.7
0.2 0.01 0.02 1
Rsd 0.2s 32ph/26stn Dmin 18km Az.gap 211°
Corr. -0.566 13M/7stn Msd 0.1 1↑ 2↓

95/8066
APR 17 1119 03.5s 35.24S 178.93E 188km M=4.0
0.8 0.15 0.08 25
Rsd 0.2s 9ph/7stn Dmin 320km Az.gap 340°
Corr. 0.070 6M/6stn Msd 0.3

95/8068
APR 17 1149 32.7s 37.17S 177.43E 5km M=3.6
0.5 0.04 0.01 R
Rsd 0.2s 15ph/13stn Dmin 108km Az.gap 271°
Corr. 0.564 19M/14stn Msd 0.2 1↓

95/8071
APR 17 1236 39.5s 36.91S 176.35E 298km M=3.5
1.5 0.18 0.27 16
Rsd 0.5s 5ph/4stn Dmin 165km Az.gap 299°
Corr. -0.796 2M/2stn Msd 0.2

95/8096
APR 18 0033 44.4s 37.76S 179.77E 12km M=4.4
0.6 0.04 0.04 R
Rsd 0.2s 26ph/23stn Dmin 137km Az.gap 294°
Corr. 0.243 15M/8stn Msd 0.3

95/8103
APR 18 0130 54.0s 38.79S 175.66E 149km M=3.7
0.3 0.02 0.02 2
Rsd 0.1s 17ph/11stn Dmin 44km Az.gap 286°
Corr. 0.450 13M/13stn Msd 0.3 5↑ 1↓

95/8109
APR 18 0458 20.8s 45.07S 167.51E 110km M=3.6
0.4 0.02 0.02 4
Rsd 0.2s 22ph/16stn Dmin 52km Az.gap 193°
Corr. -0.355 19M/18stn Msd 0.2 1↑

95/8114
APR 18 0602 38.7s 37.11S 176.70E 255km M=3.8
1.0 0.07 0.06 7
Rsd 0.3s 14ph/12stn Dmin 104km Az.gap 283°
Corr. -0.426 12M/12stn Msd 0.1 1↑

95/8119
APR 18 0702 54.2s 37.74S 179.18E 38km M=4.1
0.3 0.02 0.02 13
Rsd 0.2s 38ph/35stn Dmin 89km Az.gap 286°
Corr. 0.367 19M/16stn Msd 0.2 3↑ 2↓

95/8131
APR 18 1342 11.7s 35.80S 179.48E 12km M=3.9
0.4 0.02 0.03 R
Rsd 0.1s 10ph/8stn Dmin 275km Az.gap 331°
Corr. 0.147 5M/5stn Msd 0.2 1↑ 1↓

95/8134
APR 18 1441 28.9s 39.05S 175.21E 152km M=3.9
0.4 0.01 0.01 3
Rsd 0.2s 37ph/33stn Dmin 29km Az.gap 144°
Corr. -0.345 20M/18stn Msd 0.2 4↑ 4↓

95/8165
APR 19 0933 02.3s 40.30S 176.50E 47km M=3.7
0.1 0.01 0.02 2
Rsd 0.2s 35ph/30stn Dmin 21km Az.gap 172°
Corr. -0.558 25M/22stn Msd 0.2 1↑ 4↓

95/8199
APR 20 0508 37.3s 39.59S 174.38E 211km M=4.0
0.3 0.01 0.01 3
Rsd 0.1s 25ph/22stn Dmin 109km Az.gap 212°
Corr. -0.479 19M/19stn Msd 0.2 1↑

95/8202
APR 20 0602 18.7s 37.79S 177.11E 122km M=3.7
0.4 0.03 0.03 4
Rsd 0.2s 11ph/8stn Dmin 35km Az.gap 186°
Corr. 0.711 9M/9stn Msd 0.2 1↑

95/8208
APR 20 0918 17.9s 37.31S 177.61E 97km M=3.6
0.3 0.03 0.03 5
Rsd 0.1s 12ph/10stn Dmin 104km Az.gap 283°
Corr. 0.598 10M/10stn Msd 0.2 2↑ 1↓

95/8211
APR 20 1150 11.3s 37.38S 176.47E 186km M=3.6
2.1 0.16 0.13 11
Rsd 0.5s 11ph/9stn Dmin 113km Az.gap 289°
Corr. -0.618 12M/12stn Msd 0.1

95/8228
APR 20 1912 28.8s 36.37S 177.73E 246km M=3.6
1.9 0.21 0.17 13
Rsd 0.5s 5ph/4stn Dmin 195km Az.gap 330°
Corr. -0.371 2M/2stn Msd 0.0 1↓

95/8235
APR 20 2221 03.9s 37.79S 179.25E 12km M=5.1
0.5 0.02 0.03 R
Rsd 0.2s 51ph/45stn Dmin 93km Az.gap 287°
Corr. 0.373 37M/19stn Msd 0.2 5↑ 8↓

95/8240
APR 21 0235 12.9s 37.80S 179.09E 19km M=3.7
0.3 0.02 0.02 1
Rsd 0.1s 12ph/10stn Dmin 79km Az.gap 312°
Corr. 0.157 12M/11stn Msd 0.3 1↓

95/8241
APR 21 0254 19.9s 40.36S 174.24E 89km M=3.9
0.3 0.01 0.01 4
Rsd 0.2s 37ph/30stn Dmin 57km Az.gap 97°
Corr. 0.356 24M/21stn Msd 0.2 1↑ 2↓

95/8251
APR 21 0935 26.5s 35.76S 178.66E 232km M=3.6
1.0 0.44 0.13 53
Rsd 0.4s 6ph/3stn Dmin 259km Az.gap 342°
Corr. -0.445 3M/3stn Msd 0.1

95/8270
APR 21 2346 02.2s 38.03S 179.23E 12km M=3.9
0.7 0.04 0.04 R
Rsd 0.3s 16ph/14stn Dmin 86km Az.gap 285°
Corr. 0.390 31M/25stn Msd 0.2 1↑

95/8279
APR 22 0704 59.5s 37.94S 176.15E 178km M=3.6
0.6 0.05 0.04 5
Rsd 0.2s 13ph/9stn Dmin 91km Az.gap 263°
Corr. -0.415 11M/11stn Msd 0.2 1↑

95/8287
APR 22 1059 25.4s 37.45S 179.43E 12km M=3.9
0.6 0.04 0.04 R
Rsd 0.2s 20ph/18stn Dmin 125km Az.gap 314°
Corr. 0.157 18M/16stn Msd 0.3 2↑ 3↓

95/8289
APR 22 1139 32.3s 35.66S 179.86E 172km M=4.4
0.9 0.10 0.06 18
Rsd 0.1s 14ph/12stn Dmin 304km Az.gap 328°
Corr. 0.744 18M/16stn Msd 0.2 1↓

95/8294
APR 22 1420 05.5s 45.35S 167.18E 78km M=3.6
0.1 0.01 0.01 1
Rsd 0.1s 15ph/13stn Dmin 13km Az.gap 239°
Corr. -0.278 15M/13stn Msd 0.2 1↑ 2↓

95/8299
APR 22 1600 43.8s 37.75S 177.50E 49km M=3.5
0.2 0.01 0.01 3
Rsd 0.1s 31ph/27stn Dmin 64km Az.gap 174°
Corr. 0.274 15M/12stn Msd 0.2 1↑ 5↓

95/8303
APR 22 1842 10.2s 37.93S 176.21E 179km M=3.8
0.7 0.04 0.03 6
Rsd 0.2s 14ph/12stn Dmin 45km Az.gap 264°
Corr. -0.309 17M/17stn Msd 0.2 8↑ 4↓

95/8365
APR 23 2225 17.8s 37.80S 179.27E 12km M=4.4
0.6 0.04 0.04 R
Rsd 0.3s 20ph/18stn Dmin 94km Az.gap 288°
Corr. 0.049 11M/6stn Msd 0.2 1↑

95/8366
APR 23 2225 52.3s 37.59S 178.84E 12km M=4.2
0.9 0.03 0.06 R
Rsd 0.3s 10ph/8stn Dmin 74km Az.gap 283°
Corr. -0.246 8M/5stn Msd 0.1

95/8369
APR 23 2308 16.8s 40.60S 176.49E 23km M=3.6
0.2 0.01 0.02 1
Rsd 0.2s 19ph/15stn Dmin 18km Az.gap 200°
Corr. -0.629 21M/19stn Msd 0.2 5↑ 2↓

95/8397
APR 24 0543 59.7s 37.22S 177.31E 145km M=4.0
0.3 0.03 0.01 3
Rsd 0.2s 25ph/22stn Dmin 35km Az.gap 255°
Corr. 0.381 19M/17stn Msd 0.2 1↑

95/8398
APR 24 0605 00.8s 44.98S 167.38E 65km M=3.5
0.2 0.01 0.01 3
Rsd 0.1s 18ph/14stn Dmin 57km Az.gap 208°
Corr. -0.272 18M/16stn Msd 0.1 1↓

95/8420
APR 24 1256 13.0s 37.15S 177.53E 12km M=3.7
1.2 0.09 0.03 R
Rsd 0.5s 7ph/6stn Dmin 114km Az.gap 264°
Corr. 0.418 8M/4stn Msd 0.3 1↓

95/8430
APR 24 1708 09.1s 41.78S 178.01E 12km M=3.6
1.3 0.11 0.06 R
Rsd 0.3s 7ph/5stn Dmin 194km Az.gap 330°
Corr. 0.173 3M/3stn Msd 0.3

95/8436
APR 24 2058 27.5s 36.90S 177.43E 137km M=3.6
0.0 0.01 0.00 1
Rsd 0.0s 6ph/3stn Dmin 149km Az.gap 305°
Corr. -0.346 7M/7stn Msd 0.1 1↓

95/8459
APR 25 0753 10.2s 37.12S 177.36E 12km M=3.5
1.2 0.08 0.05 R
Rsd 0.4s 7ph/6stn Dmin 48km Az.gap 282°
Corr. -0.200 7M/5stn Msd 0.2

95/8476
APR 25 2226 28.3s 37.30S 179.38E 12km M=4.3
0.4 0.02 0.03 R
Rsd 0.2s 21ph/18stn Dmin 131km Az.gap 292°
Corr. -0.064 10M/5stn Msd 0.3

95/8480
APR 26 0227 57.9s 36.92S 179.89E 33km M=4.9
0.4 0.03 0.03 R
Rsd 0.2s 25ph/21stn Dmin 193km Az.gap 302°
Corr. -0.138 20M/11stn Msd 0.2

95/8481
APR 26 0334 04.0s 38.05S 179.23E 12km M=4.5
0.4 0.04 0.02 R
Rsd 0.2s 22ph/19stn Dmin 85km Az.gap 284°
Corr. 0.317 15M/8stn Msd 0.1 1↑ 1↓

95/8486
APR 26 0533 33.9s 39.55S 174.94E 130km M=3.6
0.2 0.01 0.01 2
Rsd 0.2s 28ph/24stn Dmin 28km Az.gap 167°
Corr. -0.255 20M/18stn Msd 0.2 1↑

95/8489
APR 26 0644 19.5s 43.18S 171.46E 5km M=3.7
0.2 0.02 0.02 R
Rsd 0.2s 11ph/8stn Dmin 61km Az.gap 137°
Corr. -0.834 36M/30stn Msd 0.3 1↑

95/8496
APR 26 0902 09.8s 36.92S 177.70E 86km M=4.0
0.4 0.03 0.03 5
Rsd 0.1s 22ph/19stn Dmin 144km Az.gap 255°
Corr. 0.706 17M/15stn Msd 0.2 1↓

95/8497
APR 26 0906 24.4s 37.25S 179.49E 12km M=3.6
0.7 0.04 0.04 R
Rsd 0.3s 12ph/9stn Dmin 198km Az.gap 295°
Corr. 0.199 6M/5stn Msd 0.2

95/8498
APR 26 0909 23.1s 40.44S 176.32E 12km M=4.3
0.2 0.01 0.02 R
Rsd 0.4s 35ph/33stn Dmin 14km Az.gap 153°
Corr. -0.537 17M/9stn Msd 0.3 5↑ 3↓
Felt Dannevirke (63) MM4 and Pukewhinau (67).

95/8499
APR 26 0939 32.7s 40.43S 176.36E 12km M=4.4
0.2 0.01 0.02 R
Rsd 0.3s 34ph/32stn Dmin 16km Az.gap 155°
Corr. -0.337 22M/11stn Msd 0.3 4↑ 3↓
Felt southern Hawkes Bay to Manawatu and northern Wairarapa, maximum intensity MM4.

95/8503
APR 26 1341 34.5s 44.81S 167.38E 91km M=3.9
0.5 0.07 0.03 9
Rsd 0.1s 14ph/13stn Dmin 75km Az.gap 214°
Corr. -0.545 17M/13stn Msd 0.2 8↑ 1↓

95/8551
APR 27 1824 44.3s 38.34S 176.09E 166km M=4.2
0.3 0.02 0.02 3
Rsd 0.2s 29ph/19stn Dmin 10km Az.gap 81°
Corr. 0.374 19M/15stn Msd 0.3 10↑ 4↓

95/8565
APR 28 0641 48.3s 38.03S 179.35E 33km M=3.5
1.3 0.05 0.10 R
Rsd 0.5s 8ph/6stn Dmin 96km Az.gap 293°
Corr. 0.326 4M/2stn Msd 0.1 1↑

95/8573
APR 28 1513 43.7s 36.96S 176.60E 213km M=3.5
0.6 0.05 0.06 4
Rsd 0.2s 7ph/4stn Dmin 151km Az.gap 314°
Corr. -0.649 2M/2stn Msd 0.4

95/8574
APR 28 1544 36.6s 39.09S 177.60E 60km M=3.5
0.3 0.01 0.01 3
Rsd 0.2s 21ph/14stn Dmin 26km Az.gap 102°
Corr. -0.257 8M/7stn Msd 0.1 4↑ 2↓

95/8575
APR 28 1714 59.2s 37.34S 178.08E 73km M=3.9
0.4 0.03 0.02 4
Rsd 0.2s 22ph/20stn Dmin 83km Az.gap 275°
Corr. 0.602 8M/6stn Msd 0.3 1↑ 4↓

95/8577
APR 28 1742 29.5s 38.59S 175.68E 170km M=4.5
0.6 0.02 0.02 5
Rsd 0.2s 31ph/25stn Dmin 47km Az.gap 110°
Corr. 0.047 22M/17stn Msd 0.3 9↑ 8↓

95/8578
APR 28 1854 45.3s 40.32S 175.09E 12km M=3.6
0.8 0.02 0.02 8
Rsd 0.4s 33ph/27stn Dmin 56km Az.gap 62°
Corr. -0.607 33M/28stn Msd 0.3 1↓

95/8579
APR 28 2117 15.0s 37.46S 179.35E 12km M=3.7
0.4 0.03 0.03 R
Rsd 0.2s 13ph/10stn Dmin 118km Az.gap 320°
Corr. 0.088 9M/9stn Msd 0.2 1↓

95/8580
APR 28 2225 23.5s 38.31S 175.33E 106km M=3.5
0.9 0.07 0.16 34
Rsd 0.5s 17ph/13stn Dmin 156km Az.gap 260°
Corr. -0.835 8M/8stn Msd 0.2 1↑

95/8591
APR 29 0215 40.6s 37.55S 179.29E 17km M=3.9
0.3 0.02 0.02 2
Rsd 0.1s 14ph/11stn Dmin 108km Az.gap 313°
Corr. -0.328 13M/12stn Msd 0.2 1↑

95/8593
APR 29 0229 58.8s 37.75S 179.56E 14km M=3.7
0.1 0.02 0.01 1
Rsd 0.0s 7ph/4stn Dmin 120km Az.gap 333°
Corr. -0.521 4M/3stn Msd 0.4 1↑

95/8595
APR 29 0608 11.5s 35.01S 178.94E 263km M=4.1
0.3 0.04 0.07 4
Rsd 0.0s 13ph/9stn Dmin 396km Az.gap 343°
Corr. -0.907 2M/2stn Msd 0.2

95/8596
APR 29 0629 44.4s 39.60S 174.36E 214km M=4.3
0.4 0.01 0.01 4
Rsd 0.2s 38ph/33stn Dmin 37km Az.gap 79°
Corr. -0.025 24M/19stn Msd 0.3 8↑ 6↓

95/8597
APR 29 0642 31.6s 38.29S 175.30E 95km M=3.6
0.8 0.06 0.12 34
Rsd 0.4s 17ph/14stn Dmin 157km Az.gap 243°
Corr. -0.844 12M/10stn Msd 0.3 1↓

95/8626
APR 30 0004 27.3s 39.54S 176.41E 59km M=3.8
0.1 0.01 0.01 2
Rsd 0.2s 42ph/37stn Dmin 18km Az.gap 76°
Corr. -0.212 19M/15stn Msd 0.2 6↑ 6↓

95/8629
APR 30 0510 07.3s 43.27S 171.56E 12km M=4.0
0.1 0.01 0.01 R
Rsd 0.2s 14ph/8stn Dmin 63km Az.gap 122°
Corr. -0.315 9M/5stn Msd 0.2 1↑ 1↓

95/8651
APR 30 2042 27.4s 43.00S 171.41E 5km M=3.5
0.2 0.01 0.01 R
Rsd 0.1s 16ph/8stn Dmin 72km Az.gap 143°
Corr. 0.263 23M/16stn Msd 0.3 1↑ 2↓

95/8654
APR 30 2155 32.0s 38.69S 175.53E 33km M=3.5
1.3 0.07 0.09 R
Rsd 0.6s 8ph/4stn Dmin 133km Az.gap 252°
Corr. -0.788 5M/3stn Msd 0.4

95/8656
MAY 01 0155 30.5s 38.02S 176.60E 146km M=4.3
0.3 0.02 0.01 2
Rsd 0.2s 38ph/32stn Dmin 7km Az.gap 90°
Corr. 0.331 26M/21stn Msd 0.2 6↑ 5↓

95/8662
MAY 01 0909 14.7s 45.59S 167.47E 14km M=3.1
0.0 0.00 0.00 1
Rsd 0.1s 18ph/15stn Dmin 28km Az.gap 137°
Corr. 0.483 19M/15stn Msd 0.2 1↑ 1↓
Felt Manapouri (139) MM4.

95/8666
MAY 01 1426 43.2s 38.95S 175.43E 198km M=3.6
0.4 0.05 0.04 7
Rsd 0.1s 16ph/12stn Dmin 191km Az.gap 322°
Corr. -0.606 9M/8stn Msd 0.3 1↑

95/8669
MAY 01 1709 04.8s 37.66S 179.95E 12km M=3.7
0.5 0.17 0.06 R
Rsd 0.1s 8ph/4stn Dmin 156km Az.gap 353°
Corr. -0.912 6M/5stn Msd 0.2

95/8678
MAY 02 0432 07.1s 36.86S 177.46E 223km M=3.8
2.7 0.30 0.15 10
Rsd 0.3s 9ph/8stn Dmin 158km Az.gap 324°
Corr. -0.810 5M/5stn Msd 0.1

95/8683
MAY 02 0540 42.0s 37.56S 179.37E 12km M=3.8
0.3 0.02 0.02 R
Rsd 0.1s 14ph/12stn Dmin 113km Az.gap 313°
Corr. -0.605 11M/8stn Msd 0.2 1↑ 1↓

95/8691
MAY 02 1237 00.8s 45.21S 167.31E 12km M=3.7
0.3 0.02 0.02 R
Rsd 0.2s 15ph/13stn Dmin 31km Az.gap 200°
Corr. -0.751 20M/16stn Msd 0.2 1↓

95/8694
MAY 02 1316 53.3s 39.04S 175.38E 156km M=5.5
0.3 0.01 0.01 3
Rsd 0.2s 65ph/56stn Dmin 14km Az.gap 106°
Corr. -0.680 8M/4stn Msd 0.2 10↑ 22↓
Felt Wellington (68) MM4.

95/8702
MAY 02 1945 23.3s 37.61S 179.45E 12km M=3.6
1.3 0.12 0.08 R
Rsd 0.6s 9ph/6stn Dmin 117km Az.gap 326°
Corr. -0.231 6M/5stn Msd 0.2

95/8705
MAY 02 2109 06.6s 36.91S 177.60E 204km M=3.7
0.5 0.08 0.06 7
Rsd 0.2s 10ph/9stn Dmin 141km Az.gap 321°
Corr. 0.600 6M/6stn Msd 0.4 1↑

95/8726
MAY 03 0602 21.1s 37.36S 177.72E 92km M=3.7
0.3 0.02 0.01 3
Rsd 0.2s 20ph/16stn Dmin 50km Az.gap 261°
Corr. 0.510 7M/7stn Msd 0.3 1↓

95/8737
MAY 03 1014 14.3s 45.14S 167.36E 118km M=4.3
0.3 0.02 0.02 3
Rsd 0.2s 16ph/12stn Dmin 40km Az.gap 201°
Corr. -0.477 23M/17stn Msd 0.2 4↑ 1↓

95/8742
MAY 03 1331 07.6s 38.65S 177.79E 27km M=4.1
0.1 0.01 0.01 1
Rsd 0.2s 37ph/33stn Dmin 22km Az.gap 93°
Corr. 0.129 23M/13stn Msd 0.1 8↑ 1↓

95/8754
MAY 03 2211 24.8s 37.60S 176.58E 181km M=3.6
0.9 0.13 0.24 17
Rsd 0.2s 7ph/5stn Dmin 146km Az.gap 330°
Corr. -0.958 3M/3stn Msd 0.2
Poorly recorded

95/8757
MAY 04 0042 45.8s 38.00S 177.55E 55km M=4.2
0.3 0.02 0.01 4
Rsd 0.2s 41ph/38stn Dmin 60km Az.gap 129°
Corr. 0.336 20M/18stn Msd 0.2 2↑ 7↓

95/8766
MAY 04 0431 57.7s 42.85S 171.36E 12km M=3.8
0.2 0.02 0.02 R
Rsd 0.4s 10ph/8stn Dmin 75km Az.gap 168°
Corr. -0.384 12M/6stn Msd 0.3 1↑

95/8767
MAY 04 0548 27.9s 39.09S 178.10E 51km M=3.7
0.4 0.03 0.02 4
Rsd 0.1s 8ph/6stn Dmin 53km Az.gap 295°
Corr. -0.644 1M/1stn Msd 0.0

95/8773
MAY 04 1130 10.4s 35.42S 174.83E 33km M=4.3
1.4 0.09 0.10 R
Rsd 0.4s 6ph/4stn Dmin 430km Az.gap 322°
Corr. -0.139 4M/4stn Msd 0.4
No data from near stations.

95/8784
MAY 04 2332 40.5s 37.60S 179.41E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.1s 12ph/11stn Dmin 114km Az.gap 292°
Corr. -0.342 14M/12stn Msd 0.2 1↑

95/8794
MAY 05 1135 54.4s 38.49S 175.54E 172km M=3.9
0.7 0.02 0.02 6
Rsd 0.2s 19ph/16stn Dmin 66km Az.gap 129°
Corr. 0.035 23M/20stn Msd 0.2 1↓

95/8797
MAY 05 1346 04.7s 37.54S 179.27E 12km M=3.6
0.2 0.01 0.01 R
Rsd 0.1s 8ph/7stn Dmin 107km Az.gap 297°
Corr. -0.295 2M/2stn Msd 0.2 1↑

95/8799
MAY 05 1557 30.8s 38.85S 175.35E 247km M=3.7
1.1 0.07 0.10 11
Rsd 0.3s 17ph/16stn Dmin 42km Az.gap 233°
Corr. -0.821 10M/10stn Msd 0.3

95/8800
MAY 05 1616 47.7s 35.43S 178.93E 252km M=4.3
0.9 0.15 0.07 19
Rsd 0.2s 16ph/15stn Dmin 299km Az.gap 324°
Corr. 0.518 6M/6stn Msd 0.2

95/8804
MAY 05 1920 51.1s 37.03S 176.87E 246km M=3.8
1.4 0.32 0.35 32
Rsd 0.6s 10ph/7stn Dmin 169km Az.gap 290°
Corr. -0.939 7M/7stn Msd 0.2

95/8807
MAY 05 2143 32.6s 37.68S 179.29E 12km M=3.9
0.2 0.02 0.02 R
Rsd 0.1s 13ph/12stn Dmin 101km Az.gap 289°
Corr. -0.637 18M/15stn Msd 0.1 1↑

95/8808
MAY 05 2240 53.9s 36.02S 178.39E 214km M=4.7
0.6 0.06 0.03 6
Rsd 0.1s 16ph/14stn Dmin 228km Az.gap 313°
Corr. 0.643 11M/8stn Msd 0.3 1↑

95/8809
MAY 06 0133 43.5s 45.16S 167.45E 116km M=4.0
0.4 0.02 0.02 3
Rsd 0.2s 20ph/16stn Dmin 41km Az.gap 190°
Corr. -0.338 25M/19stn Msd 0.2 3↑ 2↓

95/8811
MAY 06 0549 12.4s 36.45S 176.99E 12km M=3.8
0.8 0.06 0.03 R
Rsd 0.4s 8ph/3stn Dmin 118km Az.gap 255°
Corr. 0.361 5M/3stn Msd 0.2

95/8820
MAY 06 1300 13.7s 36.62S 178.25E 140km M=4.7
0.9 0.06 0.04 7
Rsd 0.3s 38ph/35stn Dmin 161km Az.gap 274°
Corr. 0.740 21M/18stn Msd 0.3 2↑ 15↓

95/8821
MAY 06 1454 27.3s 35.79S 178.42E 176km M=4.3
1.0 0.07 0.06 10
Rsd 0.3s 15ph/14stn Dmin 254km Az.gap 297°
Corr. 0.758 5M/5stn Msd 0.1 1↓

95/8822
MAY 06 1456 19.0s 36.61S 176.88E 12km M=4.0
1.9 0.23 0.07 R
Rsd 0.8s 7ph/5stn Dmin 104km Az.gap 240°
Corr. 0.582 1M/1stn Msd N.D.

95/8836
MAY 06 1837 46.2s 38.56S 175.84E 171km M=4.1
0.3 0.02 0.01 2
Rsd 0.1s 18ph/14stn Dmin 55km Az.gap 194°
Corr. 0.386 21M/19stn Msd 0.3 3↑ 1↓

95/8839
MAY 06 2333 24.1s 37.79S 179.20E 33km M=3.8
0.5 0.03 0.03 R
Rsd 0.2s 12ph/11stn Dmin 89km Az.gap 314°
Corr. 0.244 13M/10stn Msd 0.3

95/8840
MAY 07 0114 51.5s 38.43S 176.28E 106km M=3.7
0.4 0.01 0.01 4
Rsd 0.2s 23ph/20stn Dmin 4km Az.gap 73°
Corr. 0.098 6M/5stn Msd 0.1 5↑ 1↓

95/8843
MAY 07 0552 56.1s 38.04S 175.86E 204km M=4.0
0.7 0.03 0.07 7
Rsd 0.2s 10ph/8stn Dmin 67km Az.gap 231°
Corr. 0.151 8M/6stn Msd 0.2 1↑

95/8845
MAY 07 0753 09.4s 37.63S 179.39E 15km M=4.0
0.5 0.03 0.02 3
Rsd 0.1s 12ph/11stn Dmin 111km Az.gap 314°
Corr. -0.265 13M/9stn Msd 0.2 1↑ 1↓

95/8849
MAY 07 1820 58.8s 38.22S 176.11E 152km M=4.1
0.6 0.02 0.03 5
Rsd 0.3s 17ph/13stn Dmin 43km Az.gap 156°
Corr. -0.172 17M/16stn Msd 0.3 1↑

95/8851
MAY 07 1840 06.6s 44.61S 168.64E 5km M=2.7
0.4 0.03 0.01 R
Rsd 0.3s 16ph/11stn Dmin 58km Az.gap 238°
Corr. 0.008 12M/11stn Msd 0.3 1↓
Felt Mt Aspiring (113) MM4.

95/8854
MAY 07 2042 55.4s 38.54S 175.96E 146km M=4.0
0.4 0.01 0.02 4
Rsd 0.2s 24ph/22stn Dmin 19km Az.gap 141°
Corr. -0.027 19M/18stn Msd 0.3 2↑ 2↓

95/8863
MAY 08 0421 26.2s 38.39S 176.02E 178km M=3.6
0.6 0.03 0.03 4
Rsd 0.2s 12ph/10stn Dmin 80km Az.gap 270°
Corr. -0.011 4M/4stn Msd 0.1

95/8868
MAY 08 0739 25.2s 37.16S 177.43E 12km M=3.5
0.4 0.03 0.02 R
Rsd 0.3s 12ph/10stn Dmin 47km Az.gap 219°
Corr. 0.766 14M/12stn Msd 0.2 1↑ 1↓

95/8877
MAY 08 1519 40.3s 35.40S 179.68E 12km M=4.1
0.8 0.04 0.07 R
Rsd 0.2s 8ph/7stn Dmin 323km Az.gap 335°
Corr. 0.139 3M/2stn Msd 0.1 1↑

95/8884
MAY 08 2019 52.5s 44.94S 167.60E 78km M=3.7
0.5 0.03 0.02 7
Rsd 0.2s 16ph/12stn Dmin 69km Az.gap 194°
Corr. -0.228 16M/9stn Msd 0.2 1↓

95/8891
MAY 08 2238 56.8s 37.00S 177.41E 5km M=3.8
0.6 0.04 0.02 R
Rsd 0.3s 8ph/6stn Dmin 62km Az.gap 228°
Corr. 0.220 10M/8stn Msd 0.6 1↑ 1↓

95/8893
MAY 09 0006 29.4s 39.85S 174.56E 119km M=4.6
0.2 0.01 0.01 3
Rsd 0.2s 62ph/56stn Dmin 32km Az.gap 79°
Corr. -0.164 9M/5stn Msd 0.4 10↑ 12↓

95/8906
MAY 09 0616 04.1s 45.09S 167.44E 89km M=4.5
0.3 0.02 0.02 3
Rsd 0.2s 18ph/14stn Dmin 48km Az.gap 197°
Corr. -0.435 19M/12stn Msd 0.2 3↑ 11↓

95/8910
MAY 09 0908 55.3s 38.17S 177.80E 72km M=3.8
0.3 0.01 0.01 3
Rsd 0.1s 27ph/21stn Dmin 41km Az.gap 114°
Corr. 0.212 5M/3stn Msd 0.1 1↑ 3↓

95/8913
MAY 09 1044 27.2s 43.51S 171.42E 12km M=3.5
0.2 0.01 0.01 R
Rsd 0.2s 11ph/7stn Dmin 46km Az.gap 100°
Corr. -0.152 10M/7stn Msd 0.2 1↑

95/8921
MAY 09 1729 35.0s 40.73S 174.91E 61km M=3.9
0.1 0.00 0.01 2
Rsd 0.1s 35ph/29stn Dmin 15km Az.gap 65°
Corr. -0.036 25M/20stn Msd 0.2 4↑ 3↓

95/8923
MAY 09 1818 23.1s 41.62S 175.33E 27km M=4.2
0.2 0.01 0.01 1
Rsd 0.2s 25ph/19stn Dmin 23km Az.gap 177°
Corr. -0.408 8M/4stn Msd 0.3 5↑ 3↓
Felt Cape Palliser (69).

95/8943
MAY 10 0232 58.9s 38.37S 175.95E 189km M=4.1
0.6 0.02 0.03 5
Rsd 0.3s 28ph/21stn Dmin 27km Az.gap 139°
Corr. -0.434 22M/18stn Msd 0.2 7↑ 6↓

95/8991
MAY 10 2127 01.0s 35.82S 178.53E 135km M=4.6
0.9 0.06 0.05 14
Rsd 0.2s 11ph/9stn Dmin 251km Az.gap 299°
Corr. 0.817 5M/3stn Msd 0.7

95/8995
MAY 10 2328 32.3s 40.50S 173.49E 160km M=3.6
0.4 0.02 0.01 4
Rsd 0.2s 31ph/25stn Dmin 49km Az.gap 161°
Corr. -0.275 16M/15stn Msd 0.2 1↑

95/9011
MAY 11 1733 51.2s 45.19S 166.92E 31km M=4.1
0.1 0.00 0.01 0
Rsd 0.1s 16ph/12stn Dmin 36km Az.gap 255°
Corr. -0.011 24M/18stn Msd 0.2 1↓

95/9012
MAY 11 2032 52.3s 37.56S 179.35E 12km M=3.5
0.0 0.00 0.00 R
Rsd 0.0s 4ph/3stn Dmin 112km Az.gap 336°
Corr. -0.788 4M/3stn Msd 0.5

95/9014
MAY 11 2228 51.0s 37.68S 175.90E 284km M=4.0
1.0 0.11 0.15 9
Rsd 0.4s 10ph/6stn Dmin 124km Az.gap 262°
Corr. -0.896 14M/13stn Msd 0.3

95/9026
MAY 12 0418 13.8s 36.87S 178.82E 12km M=4.2
0.7 0.03 0.05 R
Rsd 0.4s 18ph/15stn Dmin 142km Az.gap 287°
Corr. 0.628 9M/6stn Msd 0.3 1↑

95/9029
MAY 12 0558 31.2s 37.39S 179.31E 12km M=3.6
0.3 0.02 0.02 R
Rsd 0.1s 12ph/10stn Dmin 120km Az.gap 328°
Corr. -0.473 9M/7stn Msd 0.3 1↓

95/9032
MAY 12 0730 58.8s 41.21S 174.66E 32km M=4.2
0.1 0.01 0.01 1
Rsd 0.3s 37ph/34stn Dmin 4km Az.gap 68°
Corr. -0.394 8M/5stn Msd 0.3 6↑ 3↓
Felt Lower Hutt and Wellington (68) MM3.

95/9034
MAY 12 0811 12.9s 43.05S 171.39E 12km M=3.6
0.1 0.01 0.01 R
Rsd 0.1s 14ph/9stn Dmin 67km Az.gap 128°
Corr. -0.512 23M/17stn Msd 0.4 1↑ 1↓

95/9036
MAY 12 0934 00.0s 38.14S 176.25E 5km M=2.9
0.1 0.00 0.00 2
Rsd 0.2s 33ph/27stn Dmin 6km Az.gap 85°
Corr. -0.163 21M/11stn Msd 0.2 15↑ 2↓
Felt Rotorua (33) MM4.

95/9042
MAY 12 1331 17.8s 41.32S 173.53E 85km M=4.2
0.3 0.02 0.01 3
Rsd 0.2s 27ph/24stn Dmin 29km Az.gap 66°
Corr. -0.306 23M/17stn Msd 0.2 4↑ 7↓
Felt Nelson (76).

95/9048
MAY 12 1701 15.7s 39.05S 175.29E 173km M=3.7
0.5 0.02 0.02 5
Rsd 0.2s 25ph/23stn Dmin 27km Az.gap 158°
Corr. -0.454 17M/17stn Msd 0.2 3↑ 2↓

95/9049
MAY 12 1709 00.2s 43.05S 171.26E 5km M=3.9
0.2 0.01 0.01 R
Rsd 0.2s 13ph/10stn Dmin 61km Az.gap 132°
Corr. -0.332 27M/20stn Msd 0.3 1↑ 3↓

95/9057
MAY 12 2105 19.3s 37.74S 179.19E 12km M=4.0
0.4 0.04 0.03 R
Rsd 0.2s 15ph/13stn Dmin 90km Az.gap 317°
Corr. -0.485 8M/5stn Msd 0.1 1↓

95/9059
MAY 13 0016 40.0s 37.81S 179.20E 12km M=4.1
0.3 0.03 0.02 R
Rsd 0.1s 25ph/21stn Dmin 88km Az.gap 286°
Corr. -0.299 9M/5stn Msd 0.1

95/9063
MAY 13 0032 20.2s 37.30S 177.39E 144km M=4.0
0.8 0.08 0.05 5
Rsd 0.3s 9ph/7stn Dmin 110km Az.gap 286°
Corr. -0.676 22M/19stn Msd 0.2 1↓

95/9066
MAY 13 0116 55.7s 37.87S 179.18E 20km M=3.7
0.0 0.00 0.00 0
Rsd 0.0s 5ph/3stn Dmin 84km Az.gap 334°
Corr. 0.177 5M/3stn Msd 0.2 1↑

95/9085
MAY 13 1143 26.5s 37.26S 179.68W 12km M=3.5
0.5 0.06 0.03 R
Rsd 0.1s 5ph/3stn Dmin 203km Az.gap 345°
Corr. -0.327 3M/2stn Msd 0.4

95/9090
MAY 13 1637 20.2s 37.67S 179.41E 12km M=3.7
0.4 0.03 0.03 R
Rsd 0.2s 22ph/19stn Dmin 111km Az.gap 293°
Corr. -0.384 18M/14stn Msd 0.2 1↓

95/9112
MAY 14 0438 35.8s 38.08S 176.51E 126km M=4.0
0.2 0.01 0.01 1
Rsd 0.2s 48ph/37stn Dmin 1km Az.gap 121°
Corr. -0.278 25M/20stn Msd 0.2 9↑ 2↓

95/9124
MAY 14 1132 44.8s 39.44S 176.45E 82km M=3.9
0.2 0.01 0.01 2
Rsd 0.2s 63ph/54stn Dmin 30km Az.gap 62°
Corr. -0.244 23M/18stn Msd 0.3 6↑ 8↓

95/9128
MAY 14 1500 25.0s 36.87S 179.73E 29km M=4.0
0.2 0.03 0.06 9
Rsd 0.1s 12ph/9stn Dmin 187km Az.gap 306°
Corr. 0.927 9M/6stn Msd 0.4 1↑

95/9130
MAY 14 1543 01.3s 38.40S 176.01E 165km M=3.8
0.6 0.02 0.02 5
Rsd 0.2s 29ph/26stn Dmin 8km Az.gap 137°
Corr. -0.409 17M/15stn Msd 0.2 9↑ 1↓

95/9137
MAY 14 1949 31.4s 44.25S 169.01E 33km M=3.7
0.2 0.01 0.02 R
Rsd 0.3s 19ph/15stn Dmin 62km Az.gap 176°
Corr. -0.260 13M/11stn Msd 0.2 3↑ 2↓

95/9140
MAY 14 2133 25.3s 44.99S 170.44E 8km M=3.7
0.1 0.01 0.01 3
Rsd 0.1s 17ph/14stn Dmin 17km Az.gap 132°
Corr. -0.575 15M/11stn Msd 0.1 1↑ 2↓

95/9142
MAY 14 2140 39.1s 36.45S 177.36E 185km M=3.7
0.6 0.12 0.05 13
Rsd 0.2s 5ph/3stn Dmin 197km Az.gap 330°
Corr. -0.140 2M/2stn Msd 0.1

95/9148
MAY 15 0230 58.5s 37.69S 179.51E 12km M=3.8
0.9 0.08 0.06 R
Rsd 0.4s 10ph/8stn Dmin 118km Az.gap 319°
Corr. -0.195 8M/7stn Msd 0.2 1↓

95/9155
MAY 15 0857 00.1s 37.93S 179.31E 12km M=3.8
0.4 0.04 0.03 R
Rsd 0.1s 11ph/9stn Dmin 94km Az.gap 313°
Corr. 0.025 9M/8stn Msd 0.2

95/9160
MAY 15 1244 18.9s 36.83S 177.53E 177km M=4.1
0.3 0.02 0.02 3
Rsd 0.1s 11ph/8stn Dmin 147km Az.gap 242°
Corr. 0.713 14M/12stn Msd 0.2 2↑ 1↓

95/9161
MAY 15 1300 31.6s 37.25S 178.53E 69km M=3.6
0.1 0.02 0.01 4
Rsd 0.1s 11ph/8stn Dmin 95km Az.gap 316°
Corr. -0.414 5M/3stn Msd 0.2 1↑ 1↓

95/9168
MAY 15 1731 32.8s 37.49S 179.24E 12km M=3.9
0.5 0.02 0.03 R
Rsd 0.2s 15ph/12stn Dmin 108km Az.gap 293°
Corr. -0.188 12M/9stn Msd 0.1 1↓

95/9170
MAY 15 2030 47.4s 38.33S 175.80E 154km M=3.8
0.6 0.02 0.04 7
Rsd 0.3s 12ph/10stn Dmin 87km Az.gap 153°
Corr. -0.002 17M/14stn Msd 0.2

95/9172
MAY 15 2345 56.3s 45.63S 166.07E 12km M=3.9
0.1 0.01 0.01 R
Rsd 0.0s 17ph/14stn Dmin 87km Az.gap 312°
Corr. -0.137 21M/16stn Msd 0.2 1↑

95/9173
MAY 16 0020 33.9s 45.01S 167.11E 29km M=3.8
0.3 0.01 0.02 2
Rsd 0.1s 17ph/13stn Dmin 51km Az.gap 246°
Corr. -0.542 20M/14stn Msd 0.2 1↓

95/9174
MAY 16 0039 16.0s 38.11S 179.02E 12km M=4.0
0.6 0.03 0.04 R
Rsd 0.2s 16ph/14stn Dmin 67km Az.gap 283°
Corr. 0.286 12M/6stn Msd 0.1 1↑

95/9175
MAY 16 0040 04.0s 38.10S 178.96E 12km M=4.2
0.4 0.02 0.02 R
Rsd 0.1s 15ph/13stn Dmin 61km Az.gap 281°
Corr. 0.372 13M/8stn Msd 0.4

95/9177
MAY 16 0122 13.4s 41.43S 172.79E 100km M=4.2
0.4 0.02 0.02 4
Rsd 0.2s 30ph/21stn Dmin 38km Az.gap 136°
Corr. -0.605 19M/15stn Msd 0.2 7↑ 8↓

95/9181
MAY 16 0321 27.6s 37.10S 177.48E 155km M=3.7
0.6 0.05 0.03 5
Rsd 0.2s 14ph/12stn Dmin 118km Az.gap 276°
Corr. 0.388 15M/13stn Msd 0.2 1↓

95/9210
MAY 17 0213 29.1s 37.80S 176.14E 178km M=4.0
0.4 0.04 0.02 3
Rsd 0.2s 15ph/11stn Dmin 99km Az.gap 268°
Corr. -0.459 18M/15stn Msd 0.2 1↑

95/9222
MAY 17 1036 34.0s 40.71S 175.10E 5km M=4.2
0.1 0.01 0.01 R
Rsd 0.3s 37ph/32stn Dmin 23km Az.gap 62°
Corr. -0.040 12M/7stn Msd 0.2 6↑ 2↓
Felt Waiterere Beach (65) to Wellington (68), max. int. MM4.

95/9223
MAY 17 1053 05.1s 38.16S 175.94E 162km M=3.8
0.5 0.03 0.03 5
Rsd 0.3s 15ph/10stn Dmin 100km Az.gap 242°
Corr. -0.410 17M/15stn Msd 0.2

95/9225
MAY 17 1204 35.6s 37.51S 179.16E 12km M=3.9
0.8 0.04 0.06 R
Rsd 0.2s 18ph/16stn Dmin 101km Az.gap 293°
Corr. 0.019 19M/13stn Msd 0.2

95/9252
MAY 18 1017 45.2s 36.87S 177.62E 151km M=4.3
0.3 0.03 0.02 4
Rsd 0.1s 18ph/15stn Dmin 146km Az.gap 243°
Corr. 0.604 20M/16stn Msd 0.2 1↑

95/9269
MAY 18 1721 50.0s 38.21S 176.08E 151km M=3.9
0.4 0.02 0.02 4
Rsd 0.2s 10ph/8stn Dmin 32km Az.gap 127°
Corr. 0.296 18M/16stn Msd 0.3 6↑ 1↓

95/9279
MAY 18 2203 35.4s 40.30S 176.79E 54km M=3.8
0.3 0.02 0.03 6
Rsd 0.2s 21ph/17stn Dmin 56km Az.gap 210°
Corr. -0.623 19M/16stn Msd 0.2 1↑

95/9282
MAY 18 2227 13.1s 40.26S 176.63E 31km M=3.6
0.5 0.03 0.05 9
Rsd 0.4s 11ph/7stn Dmin 50km Az.gap 183°
Corr. -0.705 10M/6stn Msd 0.2

95/9283
MAY 18 2228 24.3s 40.30S 176.82E 33km M=3.7
0.5 0.02 0.05 R
Rsd 0.3s 12ph/6stn Dmin 58km Az.gap 215°
Corr. -0.766 11M/6stn Msd 0.2

95/9285
MAY 18 2255 35.3s 40.30S 176.75E 50km M=3.5
0.6 0.02 0.05 8
Rsd 0.4s 11ph/5stn Dmin 54km Az.gap 220°
Corr. -0.734 7M/4stn Msd 0.4

95/9305
MAY 19 0705 53.4s 37.58S 176.07E 211km M=3.8
0.5 0.04 0.06 4
Rsd 0.2s 9ph/6stn Dmin 118km Az.gap 257°
Corr. -0.619 15M/14stn Msd 0.2

95/9313
MAY 19 0850 19.9s 37.43S 179.37E 12km M=3.5
0.3 0.03 0.03 R
Rsd 0.2s 12ph/9stn Dmin 121km Az.gap 299°
Corr. -0.459 6M/5stn Msd 0.2 1↓

95/9323
MAY 19 1023 32.0s 40.40S 176.95E 48km M=4.3
0.1 0.01 0.01 3
Rsd 0.1s 31ph/27stn Dmin 62km Az.gap 197°
Corr. -0.763 21M/16stn Msd 0.2 2↑ 2↓

95/9329
MAY 19 1047 02.2s 37.18S 177.39E 12km M=4.2
0.4 0.03 0.02 R
Rsd 0.2s 22ph/19stn Dmin 106km Az.gap 216°
Corr. 0.705 21M/11stn Msd 0.1 4↑ 1↓
No timing on WIZ.

95/9340
MAY 19 1211 28.5s 37.22S 177.40E 12km M=4.4
0.3 0.02 0.01 R
Rsd 0.2s 21ph/19stn Dmin 102km Az.gap 212°
Corr. 0.563 23M/12stn Msd 0.2 1↑ 2↓

95/9345
MAY 19 1325 55.6s 40.38S 176.95E 51km M=4.0
0.3 0.02 0.03 6
Rsd 0.2s 32ph/22stn Dmin 63km Az.gap 196°
Corr. -0.727 20M/17stn Msd 0.2 1↓

95/9363
MAY 19 2248 04.7s 40.34S 176.79E 37km M=3.6
0.3 0.02 0.03 9
Rsd 0.2s 24ph/19stn Dmin 54km Az.gap 215°
Corr. -0.754 15M/13stn Msd 0.2 1↓

95/9383
MAY 20 0922 05.5s 45.04S 167.36E 115km M=3.9
0.7 0.05 0.04 6
Rsd 0.3s 18ph/15stn Dmin 50km Az.gap 207°
Corr. -0.384 19M/15stn Msd 0.2 1↑ 13↓

95/9388
MAY 20 1207 22.0s 40.26S 174.13E 114km M=4.5
0.3 0.01 0.01 4
Rsd 0.2s 37ph/30stn Dmin 63km Az.gap 121°
Corr. 0.265 23M/18stn Msd 0.3 10↑ 1↓

95/9405
MAY 20 2020 18.7s 38.87S 175.00E 226km M=4.9
0.4 0.02 0.02 4
Rsd 0.2s 34ph/31stn Dmin 39km Az.gap 128°
Corr. -0.588 21M/16stn Msd 0.2 7↑ 19↓

95/9411
MAY 21 0453 58.5s 37.46S 179.29E 12km M=3.9
0.5 0.03 0.04 R
Rsd 0.2s 9ph/8stn Dmin 114km Az.gap 293°
Corr. -0.531 15M/15stn Msd 0.2

95/9427
MAY 21 2137 02.2s 39.86S 173.99E 175km M=3.7
0.5 0.02 0.02 4
Rsd 0.2s 21ph/17stn Dmin 59km Az.gap 134°
Corr. 0.368 14M/14stn Msd 0.3 1↓

95/9433
MAY 22 0230 41.9s 37.48S 179.37E 12km M=3.9
0.2 0.02 0.02 R
Rsd 0.1s 14ph/12stn Dmin 118km Az.gap 323°
Corr. -0.667 13M/12stn Msd 0.2

95/9434
MAY 22 0232 08.3s 37.60S 179.47E 12km M=3.7
0.4 0.05 0.04 R
Rsd 0.2s 11ph/9stn Dmin 119km Az.gap 322°
Corr. -0.575 6M/6stn Msd 0.3

95/9435
MAY 22 0249 44.1s 38.64S 175.77E 208km M=3.7
0.2 0.01 0.07 2
Rsd 0.1s 15ph/13stn Dmin 61km Az.gap 321°
Corr. -0.421 13M/13stn Msd 0.2

95/9436
MAY 22 0323 51.5s 38.13S 179.45E 12km M=3.8
1.1 0.04 0.06 R
Rsd 0.3s 5ph/4stn Dmin 105km Az.gap 308°
Corr. 0.450 3M/3stn Msd 0.2

95/9448
MAY 22 1003 22.5s 38.72S 175.22E 209km M=4.3
0.5 0.03 0.02 4
Rsd 0.3s 30ph/28stn Dmin 39km Az.gap 127°
Corr. -0.481 22M/19stn Msd 0.2 6↑ 6↓

95/9453
MAY 22 1255 34.1s 37.83S 179.91W 33km M=3.7
0.2 0.06 0.02 R
Rsd 0.0s 6ph/5stn Dmin 163km Az.gap 355°
Corr. -0.839 3M/2stn Msd 0.1 1↑ 1↓

95/9455
MAY 22 1528 45.0s 42.46S 173.74E 12km M=3.6
0.3 0.02 0.02 R
Rsd 0.3s 15ph/9stn Dmin 17km Az.gap 174°
Corr. 0.033 18M/13stn Msd 0.3 1↓
Felt Kaikoura (90).

95/9465
MAY 23 0010 15.1s 37.42S 179.21E 12km M=4.3
0.5 0.04 0.04 R
Rsd 0.3s 18ph/14stn Dmin 111km Az.gap 291°
Corr. -0.335 15M/9stn Msd 0.3

95/9466
MAY 23 0014 53.5s 37.50S 179.33E 12km M=3.9
0.5 0.03 0.04 R
Rsd 0.2s 10ph/8stn Dmin 114km Az.gap 293°
Corr. -0.592 14M/13stn Msd 0.2 1↓

95/9473
MAY 23 0637 26.7s 37.08S 178.11E 92km M=3.9
0.2 0.02 0.01 4
Rsd 0.1s 14ph/9stn Dmin 111km Az.gap 254°
Corr. 0.190 5M/3stn Msd 0.3 1↑ 2↓

95/9474
MAY 23 0647 49.7s 38.95S 177.83E 33km M=3.8
0.3 0.02 0.02 R
Rsd 0.4s 21ph/18stn Dmin 41km Az.gap 189°
Corr. -0.469 11M/7stn Msd 0.1 5↑ 1↓

95/9476
MAY 23 0708 51.8s 37.64S 179.26E 12km M=3.6
0.6 0.05 0.04 R
Rsd 0.2s 5ph/3stn Dmin 101km Az.gap 335°
Corr. -0.074 5M/3stn Msd 0.4 1↑

95/9478
MAY 23 0746 05.8s 36.78S 176.94E 272km M=3.8
1.4 0.13 0.12 9
Rsd 0.3s 5ph/4stn Dmin 165km Az.gap 326°
Corr. -0.636 4M/3stn Msd 0.5

95/9479
MAY 23 0858 40.2s 38.13S 176.31E 146km M=3.6
0.6 0.05 0.03 4
Rsd 0.2s 10ph/8stn Dmin 28km Az.gap 245°
Corr. -0.492 2M/2stn Msd 0.1 1↑

95/9480
MAY 23 0905 09.4s 37.21S 177.37E 12km M=3.5
0.4 0.03 0.02 R
Rsd 0.4s 8ph/5stn Dmin 102km Az.gap 212°
Corr. 0.705 4M/3stn Msd 0.4 1↓

95/9482
MAY 23 1113 13.2s 37.30S 177.20E 178km M=3.5
0.4 0.03 0.03 1
Rsd 0.1s 6ph/4stn Dmin 107km Az.gap 313°
Corr. -0.548 3M/3stn Msd 0.1

95/9484
MAY 23 1627 26.4s 40.30S 174.23E 105km M=3.5
0.2 0.01 0.01 3
Rsd 0.2s 33ph/24stn Dmin 62km Az.gap 116°
Corr. -0.211 16M/15stn Msd 0.3 5↑ 1↓

95/9485
MAY 23 1719 38.2s 42.46S 173.74E 11km M=3.9
0.3 0.01 0.01 2
Rsd 0.3s 24ph/19stn Dmin 18km Az.gap 162°
Corr. -0.525 12M/6stn Msd 0.4 1↑ 3↓
Felt Kaikoura (90).

95/9487
MAY 23 1723 38.1s 37.36S 179.48E 12km M=4.1
0.4 0.03 0.03 R
Rsd 0.1s 16ph/13stn Dmin 134km Az.gap 297°
Corr. -0.330 10M/6stn Msd 0.1 1↑

95/9489
MAY 23 1738 05.1s 42.46S 173.77E 9km M=3.5
0.5 0.02 0.02 2
Rsd 0.4s 14ph/7stn Dmin 19km Az.gap 180°
Corr. -0.190 8M/6stn Msd 0.2 1↓

95/9500
MAY 23 2059 52.9s 37.51S 179.24E 12km M=3.8
0.2 0.01 0.01 R
Rsd 0.1s 8ph/5stn Dmin 107km Az.gap 296°
Corr. -0.058 5M/4stn Msd 0.3 1↓

95/9518
MAY 24 0946 11.7s 37.07S 177.33E 131km M=3.8
0.2 0.03 0.01 2
Rsd 0.1s 13ph/11stn Dmin 115km Az.gap 287°
Corr. -0.523 8M/6stn Msd 0.3 1↓

95/9525
MAY 24 1456 32.0s 36.74S 177.63E 179km M=4.6
0.9 0.09 0.11 12
Rsd 0.2s 17ph/14stn Dmin 159km Az.gap 261°
Corr. 0.728 24M/19stn Msd 0.2 3↑ 1↓

95/9529
MAY 24 1547 10.2s 37.74S 176.48E 161km M=3.8
0.6 0.03 0.02 5
Rsd 0.2s 18ph/17stn Dmin 45km Az.gap 230°
Corr. 0.080 17M/15stn Msd 0.2 1↓

95/9539
MAY 24 1912 20.8s 37.34S 176.36E 237km M=3.9
0.9 0.10 0.13 7
Rsd 0.4s 7ph/4stn Dmin 121km Az.gap 304°
Corr. -0.732 6M/5stn Msd 0.2

95/9548
MAY 25 0314 47.7s 40.70S 173.19E 164km M=3.9
0.3 0.01 0.01 3
Rsd 0.2s 36ph/25stn Dmin 63km Az.gap 158°
Corr. -0.195 16M/15stn Msd 0.3 6↑ 4↓

95/9558
MAY 25 0547 22.7s 39.09S 174.95E 228km M=3.6
0.4 0.01 0.04 3
Rsd 0.1s 17ph/15stn Dmin 53km Az.gap 231°
Corr. -0.558 13M/13stn Msd 0.2 1↑

95/9560
MAY 25 0730 54.5s 40.38S 176.92E 42km M=3.7
0.2 0.01 0.02 5
Rsd 0.2s 26ph/23stn Dmin 61km Az.gap 218°
Corr. -0.764 18M/14stn Msd 0.4 1↑

95/9568
MAY 25 1201 32.6s 37.14S 176.96E 202km M=3.8
1.0 0.07 0.05 9
Rsd 0.4s 12ph/9stn Dmin 125km Az.gap 282°
Corr. -0.471 9M/8stn Msd 0.3 1↑

95/9574
MAY 25 1756 33.3s 38.02S 176.37E 153km M=3.5
0.7 0.03 0.03 5
Rsd 0.2s 14ph/11stn Dmin 37km Az.gap 236°
Corr. -0.120 13M/12stn Msd 0.2 6↑ 1↓

95/9584
MAY 25 2214 48.2s 38.31S 176.02E 144km M=3.6
1.8 0.08 0.05 14
Rsd 0.4s 10ph/9stn Dmin 87km Az.gap 238°
Corr. -0.412 10M/10stn Msd 0.3 1↑

95/9611
MAY 26 1409 14.7s 38.33S 176.14E 149km M=3.9
0.5 0.02 0.02 4
Rsd 0.2s 16ph/13stn Dmin 15km Az.gap 204°
Corr. -0.578 18M/17stn Msd 0.3 1↑

95/9618
MAY 27 0053 22.6s 38.18S 175.57E 179km M=4.0
0.5 0.05 0.06 6
Rsd 0.2s 21ph/18stn Dmin 135km Az.gap 239°
Corr. -0.910 18M/16stn Msd 0.2 1↓

95/9620
MAY 27 0342 35.4s 36.27S 177.68E 239km M=4.2
1.3 0.16 0.13 12
Rsd 0.4s 6ph/4stn Dmin 207km Az.gap 332°
Corr. -0.412 3M/2stn Msd 0.4

95/9623
MAY 27 0549 08.4s 37.94S 175.36E 252km M=3.7
0.8 0.07 0.10 9
Rsd 0.3s 13ph/11stn Dmin 158km Az.gap 267°
Corr. -0.857 6M/6stn Msd 0.3

95/9629
MAY 27 1001 10.4s 38.43S 175.61E 143km M=3.7
0.8 0.05 0.09 13
Rsd 0.3s 16ph/14stn Dmin 133km Az.gap 238°
Corr. -0.698 8M/8stn Msd 0.2 1↓

95/9631
MAY 27 1033 09.4s 38.44S 176.87E 5km M=3.7
0.1 0.01 0.01 R
Rsd 0.3s 32ph/30stn Dmin 28km Az.gap 80°
Corr. 0.130 19M/10stn Msd 0.2 6↑ 7↓

95/9638
MAY 27 1647 33.2s 37.27S 178.48E 33km M=3.5
0.8 0.05 0.05 R
Rsd 0.4s 7ph/5stn Dmin 91km Az.gap 314°
Corr. 0.411 5M/4stn Msd 0.4 1↓

95/9642
MAY 27 2008 52.3s 38.98S 175.03E 229km M=5.4
0.4 0.02 0.02 4
Rsd 0.3s 52ph/48stn Dmin 33km Az.gap 96°
Corr. -0.416 9M/5stn Msd 0.4 16↑ 4↓

95/9652
MAY 28 0345 26.7s 37.11S 176.98E 197km M=3.6
0.8 0.08 0.06 5
Rsd 0.3s 6ph/3stn Dmin 129km Az.gap 314°
Corr. -0.495 2M/2stn Msd 0.2

95/9655
MAY 28 0757 17.6s 37.00S 176.15E 288km M=4.0
0.4 0.05 0.07 5
Rsd 0.2s 16ph/12stn Dmin 164km Az.gap 297°
Corr. -0.825 13M/12stn Msd 0.2

95/9659
MAY 28 1347 10.8s 38.61S 175.69E 143km M=3.7
1.1 0.08 0.11 12
Rsd 0.6s 10ph/7stn Dmin 130km Az.gap 224°
Corr. -0.859 9M/6stn Msd 0.2
No timing on NGZ.

95/9665
MAY 28 1817 56.2s 37.62S 179.42E 12km M=4.5
0.4 0.04 0.03 R
Rsd 0.2s 26ph/22stn Dmin 114km Az.gap 291°
Corr. -0.544 18M/10stn Msd 0.2 1↓

95/9673
MAY 29 0305 01.6s 36.35S 177.31E 276km M=4.3
0.7 0.08 0.07 6
Rsd 0.2s 11ph/9stn Dmin 206km Az.gap 299°
Corr. -0.559 21M/18stn Msd 0.2 1↑

95/9681
MAY 29 0704 54.8s 37.19S 177.04E 217km M=3.8
0.8 0.05 0.06 7
Rsd 0.4s 10ph/7stn Dmin 96km Az.gap 290°
Corr. -0.629 15M/13stn Msd 0.5 1↑

95/9687
MAY 29 1006 41.1s 42.93S 171.61E 7km M=3.5
0.2 0.01 0.01 2
Rsd 0.2s 15ph/11stn Dmin 4km Az.gap 124°
Corr. -0.448 8M/8stn Msd 0.6 5↑ 2↓
Main shock 1 sec later.

95/9688
MAY 29 1006 42.3s 42.94S 171.60E 4km M=6.0
0.1 0.01 0.01 1
Rsd 0.1s 21ph/12stn Dmin 3km Az.gap 126°
Corr. -0.489 28M/15stn Msd 0.3 1↓
Felt throughout the South Island. Arthur's Pass (93) road closed by slips.

95/9689
MAY 29 1008 05.3s 42.95S 171.57E 4km M=4.5
0.3 0.02 0.01 3
Rsd 0.2s 16ph/10stn Dmin 1km Az.gap 125°
Corr. -0.509 9M/5stn Msd 0.2 1↑

95/9690
MAY 29 1009 29.7s 42.93S 171.59E 5km M=3.9
0.1 0.01 0.01 R
Rsd 0.2s 13ph/11stn Dmin 58km Az.gap 124°
Corr. -0.580 11M/8stn Msd 0.2

95/9723
MAY 29 1416 49.1s 42.94S 171.59E 4km M=3.7
0.2 0.01 0.01 3
Rsd 0.3s 16ph/9stn Dmin 2km Az.gap 111°
Corr. -0.294 14M/7stn Msd 0.2 3↑ 2↓

95/9737
MAY 29 1707 01.9s 42.92S 171.61E 7km M=3.9
0.3 0.01 0.01 3
Rsd 0.2s 15ph/10stn Dmin 4km Az.gap 111°
Corr. -0.133 10M/5stn Msd 0.3 3↑ 3↓

95/9746
MAY 29 2104 32.7s 38.84S 175.71E 228km M=3.5
0.6 0.03 0.05 5
Rsd 0.2s 15ph/12stn Dmin 29km Az.gap 215°
Corr. -0.669 8M/8stn Msd 0.1 1↑ 1↓

95/9748
MAY 29 2251 32.2s 38.34S 176.01E 153km M=3.8
0.4 0.02 0.01 3
Rsd 0.2s 16ph/12stn Dmin 47km Az.gap 228°
Corr. -0.232 18M/17stn Msd 0.2 1↑

95/9778
MAY 30 1340 07.0s 37.70S 176.67E 160km M=3.6
0.9 0.08 0.05 5
Rsd 0.3s 10ph/8stn Dmin 73km Az.gap 275°
Corr. -0.328 13M/13stn Msd 0.2

95/9781
MAY 30 1632 58.4s 37.91S 179.42E 94km M=3.6
0.4 0.04 0.03 7
Rsd 0.2s 10ph/7stn Dmin 144km Az.gap 313°
Corr. 0.324 4M/4stn Msd 0.1

95/9785
MAY 30 2010 47.0s 38.14S 175.39E 164km M=3.6
0.8 0.08 0.15 18
Rsd 0.4s 16ph/12stn Dmin 151km Az.gap 258°
Corr. -0.874 10M/10stn Msd 0.2 1↑

95/9797
MAY 31 0322 23.4s 39.98S 175.64E 55km M=3.9
0.1 0.00 0.01 3
Rsd 0.2s 43ph/40stn Dmin 64km Az.gap 78°
Corr. -0.036 22M/18stn Msd 0.2 4↑ 3↓
Felt Dannevirke (63).

95/9808
MAY 31 1151 28.5s 37.61S 176.26E 193km M=4.0
0.8 0.07 0.06 7
Rsd 0.3s 13ph/11stn Dmin 72km Az.gap 268°
Corr. -0.569 17M/15stn Msd 0.3 1↓

95/9833
JUN 01 0628 21.2s 45.34S 166.85E 24km M=4.1
0.2 0.01 0.01 1
Rsd 0.1s 15ph/11stn Dmin 27km Az.gap 281°
Corr. 0.371 22M/16stn Msd 0.2 1↓

95/9848
JUN 01 1240 54.8s 37.58S 179.15E 33km M=4.1
0.5 0.02 0.04 R
Rsd 0.2s 29ph/27stn Dmin 96km Az.gap 290°
Corr. 0.368 27M/20stn Msd 0.2 3↑ 2↓

95/9849
JUN 01 1250 08.3s 36.89S 177.40E 220km M=4.1
1.2 0.13 0.10 9
Rsd 0.4s 8ph/6stn Dmin 152km Az.gap 310°
Corr. -0.563 3M/3stn Msd 0.1 1↑

95/9864
JUN 01 1837 52.6s 45.08S 167.34E 108km M=3.9
0.3 0.02 0.01 3
Rsd 0.1s 10ph/8stn Dmin 45km Az.gap 221°
Corr. -0.004 18M/12stn Msd 0.2 1↑

95/9868
JUN 01 2255 56.4s 38.59S 179.54E 12km M=4.0
0.3 0.02 0.02 R
Rsd 0.1s 10ph/7stn Dmin 127km Az.gap 286°
Corr. 0.390 12M/7stn Msd 0.3

95/9874
JUN 02 0232 55.1s 45.01S 167.39E 102km M=3.5
0.4 0.02 0.02 4
Rsd 0.1s 14ph/11stn Dmin 55km Az.gap 236°
Corr. -0.267 12M/11stn Msd 0.2 2↑ 4↓

95/9876
JUN 02 0324 23.6s 38.32S 175.90E 189km M=3.9
0.9 0.06 0.03 6
Rsd 0.2s 12ph/9stn Dmin 82km Az.gap 230°
Corr. -0.280 18M/16stn Msd 0.3 1↑

95/9882
JUN 02 0957 40.5s 42.70S 177.52E 33km M=3.7
0.5 0.03 0.04 R
Rsd 0.2s 17ph/15stn Dmin 212km Az.gap 257°
Corr. -0.321 11M/11stn Msd 0.2

95/9883
JUN 02 1122 02.3s 35.93S 178.56E 244km M=4.2
1.2 0.14 0.13 17
Rsd 0.4s 9ph/6stn Dmin 239km Az.gap 333°
Corr. -0.551 5M/4stn Msd 0.2

95/9884
JUN 02 1425 46.5s 38.10S 176.20E 194km M=4.3
0.6 0.03 0.03 4
Rsd 0.3s 26ph/22stn Dmin 9km Az.gap 160°
Corr. -0.461 21M/17stn Msd 0.5 5↑ 7↓

95/9887
JUN 02 1741 24.4s 37.33S 179.13E 12km M=3.5
0.1 0.00 0.01 R
Rsd 0.0s 9ph/7stn Dmin 112km Az.gap 326°
Corr. -0.291 4M/4stn Msd 0.1

95/9918
JUN 03 1420 36.9s 38.04S 179.14E 17km M=3.6
0.3 0.02 0.02 2
Rsd 0.1s 15ph/12stn Dmin 78km Az.gap 311°
Corr. 0.352 12M/11stn Msd 0.2 1↑ 1↓

95/9922
JUN 03 1532 47.1s 39.14S 174.87E 201km M=3.7
0.4 0.01 0.01 3
Rsd 0.1s 21ph/19stn Dmin 59km Az.gap 203°
Corr. -0.301 13M/13stn Msd 0.4 1↑

95/9931
JUN 03 2058 59.2s 33.21S 179.37W 432km M=6.7
0.5 0.07 0.06 14
Rsd 0.2s 36ph/33stn Dmin 572km Az.gap 329°
Corr. 0.557 17M/11stn Msd 0.6 2↑ 1↓
Felt Ruakaka (45), Hawkes Bay (60) and Wellington (68).

95/9936
JUN 04 0550 06.3s 37.56S 177.63E 102km M=3.7
0.6 0.04 0.02 5
Rsd 0.2s 10ph/8stn Dmin 85km Az.gap 292°
Corr. 0.193 3M/3stn Msd 0.3 1↓

95/9950
JUN 04 1226 11.9s 41.55S 174.30E 27km M=4.3
0.1 0.01 0.01 1
Rsd 0.2s 27ph/21stn Dmin 23km Az.gap 118°
Corr. -0.394 14M/7stn Msd 0.1 9↑ 7↓
Felt Blenheim (77) MM3.

95/9954
JUN 04 1501 12.0s 41.56S 174.33E 23km M=3.6
0.1 0.01 0.01 1
Rsd 0.3s 28ph/20stn Dmin 23km Az.gap 124°
Corr. -0.401 27M/22stn Msd 0.1 2↑ 4↓

95/9960
JUN 04 2051 12.7s 42.94S 171.60E 5km M=3.5
0.2 0.01 0.01 2
Rsd 0.2s 16ph/9stn Dmin 3km Az.gap 109°
Corr. -0.212 12M/7stn Msd 0.2 3↑ 3↓

95/9970
JUN 05 0705 49.3s 38.56S 175.80E 139km M=4.4
0.6 0.02 0.02 6
Rsd 0.3s 28ph/23stn Dmin 44km Az.gap 113°
Corr. -0.068 25M/19stn Msd 0.3 9↑ 3↓

95/9972
JUN 05 1116 48.5s 37.00S 177.56E 179km M=3.9
0.5 0.06 0.03 4
Rsd 0.2s 13ph/10stn Dmin 134km Az.gap 298°
Corr. -0.442 10M/8stn Msd 0.2

95/9973
JUN 05 1137 42.9s 42.97S 171.38E 8km M=3.9
0.3 0.01 0.01 3
Rsd 0.2s 13ph/9stn Dmin 15km Az.gap 116°
Corr. -0.027 8M/5stn Msd 0.3 2↑ 1↓

95/9997
JUN 06 0515 16.4s 37.57S 179.37E 56km M=4.1
0.3 0.03 0.02 5
Rsd 0.1s 14ph/11stn Dmin 113km Az.gap 292°
Corr. 0.181 8M/5stn Msd 0.2 1↑

95/10002
JUN 06 1010 36.7s 37.95S 179.18E 33km M=3.7
1.3 0.10 0.07 R
Rsd 0.5s 10ph/8stn Dmin 82km Az.gap 319°
Corr. 0.482 7M/6stn Msd 0.2 1↑

95/10009
JUN 06 1259 05.3s 37.33S 176.63E 219km M=3.7
0.9 0.08 0.08 7
Rsd 0.4s 12ph/10stn Dmin 112km Az.gap 270°
Corr. -0.650 5M/4stn Msd 0.2

95/10047
JUN 07 1530 17.7s 37.86S 176.19E 189km M=3.9
0.7 0.07 0.03 5
Rsd 0.3s 14ph/12stn Dmin 75km Az.gap 238°
Corr. -0.641 15M/14stn Msd 0.2 1↑

95/10057
JUN 07 2355 38.5s 43.01S 171.35E 9km M=3.8
0.3 0.01 0.01 3
Rsd 0.2s 16ph/9stn Dmin 19km Az.gap 114°
Corr. -0.077 24M/18stn Msd 0.3 3↑ 1↓

95/10060
JUN 08 0358 05.0s 38.36S 175.91E 156km M=3.8
0.4 0.02 0.02 3
Rsd 0.2s 17ph/12stn Dmin 31km Az.gap 208°
Corr. -0.509 14M/13stn Msd 0.2 4↑ 1↓

95/10065
JUN 08 1209 34.2s 43.68S 178.01E 33km M=3.9
0.5 0.03 0.03 R
Rsd 0.1s 19ph/15stn Dmin 322km Az.gap 276°
Corr. -0.255 11M/11stn Msd 0.1 1↑

95/10075
JUN 09 0346 51.5s 38.10S 176.16E 158km M=4.0
0.5 0.04 0.02 4
Rsd 0.2s 11ph/9stn Dmin 85km Az.gap 238°
Corr. -0.657 11M/9stn Msd 0.2 2↑ 1↓

95/10077
JUN 09 0951 53.0s 37.22S 177.32E 191km M=3.6
1.4 0.07 0.07 10
Rsd 0.6s 10ph/8stn Dmin 117km Az.gap 209°
Corr. 0.513 3M/3stn Msd 0.1

95/10079
JUN 09 1355 24.6s 37.62S 178.11E 74km M=3.7
0.2 0.01 0.01 2
Rsd 0.1s 12ph/9stn Dmin 52km Az.gap 231°
Corr. 0.113 4M/3stn Msd 0.3 1↓

95/10080
JUN 09 1431 12.2s 38.19S 176.34E 199km M=3.5
0.7 0.08 0.17 9
Rsd 0.3s 9ph/7stn Dmin 68km Az.gap 255°
Corr. -0.890 3M/3stn Msd 0.1

95/10082
JUN 09 1500 28.6s 35.61S 179.43E 12km M=4.3
1.0 0.05 0.07 R
Rsd 0.3s 11ph/9stn Dmin 293km Az.gap 312°
Corr. 0.291 9M/9stn Msd 0.2

95/10085
JUN 09 1853 37.2s 40.78S 173.27E 199km M=3.6
1.1 0.06 0.05 10
Rsd 0.5s 8ph/6stn Dmin 114km Az.gap 219°
Corr. -0.653 1M/1stn Msd 0.0

95/10108
JUN 10 1136 18.8s 37.37S 177.08E 134km M=3.5
0.5 0.04 0.03 4
Rsd 0.2s 9ph/5stn Dmin 99km Az.gap 280°
Corr. -0.523 10M/10stn Msd 0.3 1↑ 2↓

95/10113
JUN 10 1317 49.0s 37.76S 177.84E 66km M=4.5
0.4 0.02 0.01 4
Rsd 0.2s 22ph/18stn Dmin 50km Az.gap 193°
Corr. 0.517 22M/17stn Msd 0.2 2↑ 3↓

95/10118
JUN 10 1632 33.8s 36.65S 177.46E 159km M=3.5
0.4 0.08 0.03 9
Rsd 0.1s 5ph/3stn Dmin 173km Az.gap 326°
Corr. -0.217 3M/3stn Msd 0.2

95/10119
JUN 10 1742 09.1s 44.87S 167.56E 73km M=3.5
0.3 0.02 0.02 5
Rsd 0.1s 12ph/9stn Dmin 74km Az.gap 201°
Corr. -0.229 15M/12stn Msd 0.2 1↑

95/10121
JUN 10 1850 34.4s 37.33S 176.87E 186km M=4.2
0.8 0.05 0.03 6
Rsd 0.3s 15ph/13stn Dmin 75km Az.gap 244°
Corr. 0.155 18M/16stn Msd 0.2

95/10125
JUN 10 2155 26.4s 37.44S 179.32E 12km M=3.7
0.3 0.02 0.02 R
Rsd 0.1s 9ph/6stn Dmin 117km Az.gap 295°
Corr. -0.337 9M/8stn Msd 0.3

95/10130
JUN 11 0039 01.0s 40.86S 174.74E 47km M=3.6
0.1 0.01 0.01 2
Rsd 0.2s 32ph/23stn Dmin 14km Az.gap 63°
Corr. -0.396 17M/14stn Msd 0.2 5↑ 3↓
Felt Johnsonville and Tawa (68) MM4.

95/10132
JUN 11 0449 37.8s 37.78S 179.09E 24km M=4.8
0.4 0.02 0.02 2
Rsd 0.1s 24ph/21stn Dmin 80km Az.gap 285°
Corr. -0.062 8M/5stn Msd 0.2 1↑ 1↓

95/10146
JUN 11 1729 11.4s 37.92S 179.51E 17km M=3.5
0.3 0.03 0.01 2
Rsd 0.1s 6ph/3stn Dmin 111km Az.gap 326°
Corr. 0.204 4M/3stn Msd 0.4

95/10148
JUN 11 1809 13.1s 37.46S 175.06E 206km M=3.7
0.9 0.12 0.30 40
Rsd 0.2s 14ph/11stn Dmin 201km Az.gap 276°
Corr. -0.961 6M/5stn Msd 0.3

95/10150
JUN 11 2323 39.0s 40.17S 173.96E 134km M=3.6
0.2 0.01 0.01 3
Rsd 0.2s 30ph/25stn Dmin 71km Az.gap 136°
Corr. -0.451 15M/13stn Msd 0.3 1↑

95/10155
JUN 12 0510 37.5s 38.55S 177.88E 45km M=3.7
0.6 0.04 0.02 6
Rsd 0.3s 11ph/8stn Dmin 16km Az.gap 158°
Corr. -0.520 6M/3stn Msd 0.1 1↑

95/10170
JUN 13 0251 02.0s 38.57S 177.87E 52km M=3.5
0.6 0.03 0.02 7
Rsd 0.3s 5ph/3stn Dmin 16km Az.gap 187°
Corr. -0.264 5M/3stn Msd 0.2 1↑

95/10174
JUN 13 0538 44.7s 40.02S 174.45E 114km M=4.0
0.3 0.01 0.01 3
Rsd 0.2s 29ph/24stn Dmin 80km Az.gap 100°
Corr. 0.212 23M/18stn Msd 0.2 6↑ 3↓

95/10184
JUN 13 1436 37.7s 37.59S 177.65E 92km M=3.8
0.3 0.02 0.01 3
Rsd 0.2s 19ph/17stn Dmin 41km Az.gap 215°
Corr. 0.455 17M/15stn Msd 0.2 1↑ 2↓

95/10193
JUN 13 2136 17.6s 38.36S 175.81E 156km M=3.5
0.2 0.03 0.03 5
Rsd 0.1s 15ph/12stn Dmin 96km Az.gap 310°
Corr. -0.664 9M/9stn Msd 0.2

95/10205
JUN 14 0905 04.7s 37.13S 177.57E 200km M=4.2
1.5 0.14 0.11 9
Rsd 0.6s 10ph/8stn Dmin 132km Az.gap 304°
Corr. -0.591 8M/6stn Msd 0.1

95/10211
JUN 14 1923 49.1s 35.63S 178.52E 256km M=4.1
0.1 0.01 0.01 0
Rsd 0.0s 5ph/3stn Dmin 318km Az.gap 343°
Corr. -0.866 3M/3stn Msd 0.1

95/10223
JUN 15 0803 55.7s 37.52S 179.14E 12km M=3.5
0.5 0.02 0.03 R
Rsd 0.2s 6ph/4stn Dmin 99km Az.gap 293°
Corr. -0.350 5M/4stn Msd 0.2

95/10234
JUN 15 2109 34.6s 39.28S 175.24E 12km M=3.7
0.1 0.01 0.00 R
Rsd 0.2s 26ph/23stn Dmin 28km Az.gap 113°
Corr. -0.262 32M/27stn Msd 0.3 1↓

95/10235
JUN 16 0050 47.1s 38.29S 175.79E 155km M=3.8
1.3 0.09 0.12 11
Rsd 0.5s 11ph/7stn Dmin 116km Az.gap 260°
Corr. -0.877 8M/6stn Msd 0.2 1↑

95/10237
JUN 16 0252 58.0s 37.27S 176.44E 251km M=3.9
0.6 0.06 0.11 5
Rsd 0.2s 15ph/12stn Dmin 124km Az.gap 280°
Corr. -0.822 13M/13stn Msd 0.3 1↑

95/10258
JUN 16 1832 34.9s 43.29S 170.81E 5km M=3.8
0.1 0.01 0.01 R
Rsd 0.2s 13ph/8stn Dmin 24km Az.gap 116°
Corr. -0.003 19M/12stn Msd 0.4 1↑ 1↓

95/10259
JUN 16 1835 20.4s 37.50S 179.29E 12km M=4.3
0.6 0.05 0.05 R
Rsd 0.3s 14ph/11stn Dmin 111km Az.gap 291°
Corr. -0.586 33M/28stn Msd 0.3

95/10265
JUN 16 2030 57.8s 37.28S 179.20E 12km M=3.7
0.4 0.04 0.04 R
Rsd 0.2s 6ph/4stn Dmin 121km Az.gap 335°
Corr. -0.622 4M/3stn Msd 0.4

95/10266
JUN 16 2231 52.3s 38.06S 175.80E 188km M=3.6
0.2 0.02 0.03 2
Rsd 0.1s 10ph/5stn Dmin 117km Az.gap 242°
Corr. -0.681 14M/14stn Msd 0.2 1↑

95/10280
JUN 17 0858 41.1s 37.85S 177.94E 56km M=3.5
0.0 0.00 0.00 0
Rsd 0.0s 6ph/3stn Dmin 37km Az.gap 254°
Corr. 0.165 2M/2stn Msd 0.2 2↑ 1↓

95/10282
JUN 17 1049 36.3s 38.37S 176.03E 149km M=3.9
0.2 0.01 0.01 2
Rsd 0.1s 12ph/8stn Dmin 93km Az.gap 227°
Corr. -0.519 14M/14stn Msd 0.2 2↑ 3↓

95/10286
JUN 17 1523 13.1s 39.06S 179.81W 33km M=3.6
1.5 0.06 0.12 R
Rsd 0.6s 6ph/4stn Dmin 193km Az.gap 302°
Corr. 0.378 4M/4stn Msd 0.1

95/10304
JUN 18 1152 06.6s 38.14S 176.02E 162km M=3.6
1.5 0.08 0.09 13
Rsd 0.7s 11ph/6stn Dmin 97km Az.gap 250°
Corr. -0.194 4M/4stn Msd 0.2 1↑

95/10308
JUN 18 1742 12.8s 37.80S 179.17E 33km M=4.1
0.8 0.08 0.05 R
Rsd 0.3s 11ph/8stn Dmin 86km Az.gap 288°
Corr. -0.078 19M/13stn Msd 0.2 1↓

95/10312
JUN 18 2337 02.7s 45.30S 166.89E 28km M=4.1
0.2 0.01 0.02 0
Rsd 0.1s 15ph/11stn Dmin 28km Az.gap 273°
Corr. 0.205 25M/18stn Msd 0.2 2↑ 1↓

95/10321
JUN 19 0222 46.4s 37.88S 179.30E 14km M=4.0
0.3 0.03 0.01 1
Rsd 0.1s 12ph/10stn Dmin 94km Az.gap 322°
Corr. 0.198 14M/11stn Msd 0.2 1↑

95/10323
JUN 19 0323 02.5s 37.69S 176.66E 135km M=3.8
0.4 0.05 0.02 3
Rsd 0.1s 15ph/12stn Dmin 75km Az.gap 243°
Corr. -0.787 18M/15stn Msd 0.2 1↑

95/10330
JUN 19 0757 10.3s 37.55S 179.30E 12km M=3.5
0.5 0.06 0.04 R
Rsd 0.2s 5ph/3stn Dmin 109km Az.gap 336°
Corr. -0.621 5M/3stn Msd 0.4

95/10331
JUN 19 0838 53.1s 37.47S 177.50E 151km M=3.9
1.9 0.21 0.13 19
Rsd 0.9s 7ph/3stn Dmin 95km Az.gap 295°
Corr. 0.090 6M/3stn Msd 0.1 1↑

95/10334
JUN 19 1347 43.7s 43.20S 171.45E 5km M=3.9
0.1 0.01 0.00 R
Rsd 0.1s 16ph/9stn Dmin 59km Az.gap 87°
Corr. -0.257 10M/6stn Msd 0.3 1↑ 2↓

95/10336
JUN 19 1521 48.3s 40.84S 174.96E 47km M=3.7
0.1 0.01 0.01 2
Rsd 0.2s 30ph/27stn Dmin 6km Az.gap 60°
Corr. -0.045 18M/15stn Msd 0.2 2↑ 3↓
Felt Lower Hutt, Porirua area (68) and Silverstream (69).

95/10354
JUN 20 0943 33.0s 37.60S 179.18E 12km M=3.7
0.8 0.08 0.07 R
Rsd 0.2s 10ph/8stn Dmin 97km Az.gap 330°
Corr. -0.608 10M/9stn Msd 0.3 1↑

95/10360
JUN 20 1626 24.8s 37.17S 179.33E 12km M=3.8
0.1 0.01 0.01 R
Rsd 0.0s 7ph/5stn Dmin 138km Az.gap 337°
Corr. -0.251 8M/6stn Msd 0.2

95/10365
JUN 20 2118 09.2s 37.56S 179.57E 33km M=4.2
0.3 0.05 0.02 R
Rsd 0.1s 10ph/8stn Dmin 129km Az.gap 333°
Corr. -0.710 15M/12stn Msd 0.2

95/10366
JUN 20 2337 35.7s 38.01S 176.48E 152km M=3.6
1.1 0.05 0.02 10
Rsd 0.2s 9ph/9stn Dmin 137km Az.gap 227°
Corr. -0.432 5M/5stn Msd 0.2

95/10367
JUN 21 0013 48.5s 38.38S 175.93E 165km M=3.8
0.6 0.03 0.02 7
Rsd 0.2s 11ph/10stn Dmin 77km Az.gap 229°
Corr. 0.129 7M/5stn Msd 0.1

95/10369
JUN 21 0051 30.8s 42.93S 171.66E 10km M=4.4
0.2 0.00 0.01 1
Rsd 0.1s 14ph/10stn Dmin 8km Az.gap 109°
Corr. -0.072 16M/9stn Msd 0.2 1↑ 2↓

95/10374
JUN 21 0733 59.5s 44.55S 168.28E 5km M=4.0
0.1 0.01 0.00 R
Rsd 0.1s 18ph/15stn Dmin 84km Az.gap 181°
Corr. -0.533 21M/14stn Msd 0.3 1↑ 4↓

95/10375
JUN 21 0841 40.9s 36.72S 177.70E 33km M=4.1
2.2 0.16 0.07 R
Rsd 0.4s 8ph/7stn Dmin 158km Az.gap 308°
Corr. 0.601 7M/6stn Msd 0.3

95/10378
JUN 21 0919 07.5s 37.01S 178.21E 33km M=4.0
1.7 0.11 0.11 R
Rsd 0.6s 5ph/3stn Dmin 118km Az.gap 329°
Corr. -0.225 4M/3stn Msd 0.4

95/10384
JUN 21 1309 30.7s 40.71S 172.86E 5km M=4.8
0.1 0.01 0.01 R
Rsd 0.3s 33ph/25stn Dmin 31km Az.gap 135°
Corr. -0.389 16M/8stn Msd 0.2 4↑ 7↓
Felt northwest Nelson (72) and Nelson (76).

95/10386
JUN 21 1326 09.6s 39.73S 174.46E 109km M=3.9
0.3 0.01 0.01 3
Rsd 0.2s 35ph/28stn Dmin 41km Az.gap 80°
Corr. -0.231 23M/19stn Msd 0.3 8↑ 4↓

95/10390
JUN 21 1730 01.2s 38.01S 179.43E 12km M=3.6
1.5 0.11 0.07 R
Rsd 0.4s 7ph/6stn Dmin 103km Az.gap 321°
Corr. 0.671 6M/5stn Msd 0.2 1↓

95/10392
JUN 21 1811 53.1s 38.10S 176.42E 178km M=3.7
2.2 0.08 0.04 19
Rsd 0.4s 11ph/9stn Dmin 101km Az.gap 253°
Corr. -0.401 4M/4stn Msd 0.3 1↑

95/10398
JUN 22 0537 17.8s 39.56S 174.27E 186km M=3.6
0.6 0.02 0.03 6
Rsd 0.2s 22ph/20stn Dmin 112km Az.gap 215°
Corr. -0.453 16M/14stn Msd 0.2

95/10400
JUN 22 0655 49.9s 38.42S 176.02E 146km M=3.5
0.7 0.02 0.02 6
Rsd 0.2s 13ph/11stn Dmin 77km Az.gap 221°
Corr. -0.093 4M/4stn Msd 0.1 1↑

95/10406
JUN 22 1610 07.2s 44.73S 167.76E 80km M=3.6
0.4 0.03 0.02 7
Rsd 0.2s 15ph/12stn Dmin 94km Az.gap 196°
Corr. -0.619 13M/13stn Msd 0.2

95/10408
JUN 22 1905 59.3s 37.95S 179.50E 12km M=3.5
1.5 0.11 0.07 R
Rsd 0.4s 8ph/7stn Dmin 110km Az.gap 323°
Corr. 0.658 3M/3stn Msd 0.3

95/10421
JUN 23 0822 27.6s 38.44S 175.75E 187km M=4.2
0.3 0.02 0.03 2
Rsd 0.1s 14ph/11stn Dmin 74km Az.gap 231°
Corr. -0.198 20M/18stn Msd 0.3 1↑

95/10422
JUN 23 1204 33.3s 37.73S 176.57E 193km M=3.9
1.7 0.08 0.04 15
Rsd 0.4s 12ph/11stn Dmin 133km Az.gap 250°
Corr. -0.501 15M/15stn Msd 0.2

95/10427
JUN 23 1547 22.4s 38.73S 175.58E 119km M=3.5
0.5 0.02 0.03 4
Rsd 0.3s 21ph/18stn Dmin 39km Az.gap 195°
Corr. -0.269 15M/14stn Msd 0.2 1↑

95/10430
JUN 23 2102 01.0s 37.89S 179.34E 12km M=4.0
0.3 0.03 0.01 R
Rsd 0.1s 10ph/8stn Dmin 97km Az.gap 321°
Corr. 0.564 12M/10stn Msd 0.2

95/10435
JUN 24 0032 37.8s 44.98S 167.39E 64km M=3.5
0.2 0.02 0.01 3
Rsd 0.1s 18ph/14stn Dmin 58km Az.gap 208°
Corr. -0.456 19M/15stn Msd 0.2 1↓

95/10440
JUN 24 0732 03.9s 42.92S 171.41E 12km M=3.5
0.1 0.01 0.01 R
Rsd 0.3s 10ph/8stn Dmin 72km Az.gap 160°
Corr. -0.433 12M/8stn Msd 0.4 1↑

95/10445
JUN 24 1055 04.4s 39.19S 174.80E 237km M=4.3
1.6 0.04 0.02 14
Rsd 0.2s 33ph/32stn Dmin 54km Az.gap 160°
Corr. -0.501 26M/22stn Msd 0.2 6↑ 1↓

95/10450
JUN 24 2114 60.0s 37.66S 177.13E 136km M=4.0
0.3 0.01 0.01 3
Rsd 0.2s 20ph/18stn Dmin 15km Az.gap 97°
Corr. 0.477 8M/8stn Msd 0.2 1↑

95/10456
JUN 25 0518 31.5s 38.63S 178.73E 33km M=4.9
0.3 0.01 0.02 R
Rsd 0.1s 19ph/19stn Dmin 60km Az.gap 254°
Corr. -0.656 15M/9stn Msd 0.4 5↑ 4↓
Felt Gisborne (45).

95/10457
JUN 25 0918 46.0s 37.50S 179.50E 33km M=3.9
0.4 0.03 0.03 R
Rsd 0.1s 12ph/8stn Dmin 127km Az.gap 294°
Corr. -0.064 9M/9stn Msd 0.2

95/10458
JUN 25 0940 42.4s 36.79S 177.24E 212km M=3.8
2.1 0.28 0.35 39
Rsd 0.5s 9ph/8stn Dmin 168km Az.gap 310°
Corr. -0.847 7M/6stn Msd 0.2

95/10460
JUN 25 1013 21.6s 39.28S 174.75E 209km M=4.0
0.4 0.02 0.01 4
Rsd 0.2s 30ph/26stn Dmin 56km Az.gap 147°
Corr. 0.122 23M/20stn Msd 0.2 5↑ 1↓

95/10471
JUN 25 2257 37.1s 36.90S 176.82E 200km M=3.7
1.8 0.17 0.09 R
Rsd 0.4s 4ph/3stn Dmin 182km Az.gap 302°
Corr. -0.359 2M/2stn Msd 0.5

95/10475
JUN 26 0241 18.3s 35.87S 176.67E 33km M=4.7
0.8 0.06 0.03 R
Rsd 0.1s 4ph/3stn Dmin 283km Az.gap 320°
Corr. 0.270 3M/3stn Msd 0.1

95/10477
JUN 26 0725 47.0s 37.63S 179.26E 21km M=4.5
0.9 0.03 0.04 4
Rsd 0.2s 18ph/16stn Dmin 101km Az.gap 288°
Corr. 0.441 30M/25stn Msd 0.2

95/10480
JUN 26 1216 59.5s 37.68S 177.62E 61km M=3.9
0.4 0.02 0.01 4
Rsd 0.2s 21ph/18stn Dmin 41km Az.gap 187°
Corr. 0.486 6M/6stn Msd 0.1 1↑ 1↓

95/10482
JUN 26 1409 07.5s 39.50S 174.67E 155km M=4.2
0.4 0.02 0.01 4
Rsd 0.2s 33ph/29stn Dmin 40km Az.gap 112°
Corr. -0.165 22M/20stn Msd 0.3 5↑ 2↓

95/10484
JUN 26 1458 23.2s 37.10S 176.85E 265km M=4.1
1.1 0.04 0.04 9
Rsd 0.3s 11ph/10stn Dmin 108km Az.gap 200°
Corr. 0.583 12M/12stn Msd 0.2

95/10487
JUN 26 1928 05.3s 38.14S 176.26E 289km M=4.0
1.6 0.19 0.23 20
Rsd 0.5s 14ph/10stn Dmin 106km Az.gap 226°
Corr. -0.941 12M/12stn Msd 0.2

95/10490
JUN 26 2300 42.3s 42.89S 174.13E 23km M=3.7
0.4 0.01 0.02 3
Rsd 0.2s 21ph/16stn Dmin 72km Az.gap 194°
Corr. -0.621 9M/5stn Msd 0.2 1↑

95/10501
JUN 27 1130 45.7s 38.17S 175.04E 33km M=3.9
0.4 0.02 0.02 R
Rsd 0.2s 8ph/4stn Dmin 181km Az.gap 307°
Corr. -0.479 2M/2stn Msd 0.1

95/10506
JUN 27 1447 49.9s 37.52S 176.54E 221km M=4.1
0.4 0.02 0.02 3
Rsd 0.2s 14ph/10stn Dmin 96km Az.gap 154°
Corr. 0.412 13M/11stn Msd 0.2 1↑

95/10510
JUN 27 1611 45.9s 40.25S 173.57E 147km M=3.8
0.4 0.01 0.01 4
Rsd 0.2s 31ph/24stn Dmin 68km Az.gap 143°
Corr. -0.125 24M/21stn Msd 0.3 8↑ 1↓

95/10513
JUN 27 2007 41.1s 38.35S 177.57E 64km M=3.6
0.1 0.01 0.00 1
Rsd 0.1s 6ph/3stn Dmin 42km Az.gap 156°
Corr. 0.106 4M/4stn Msd 1.0 1↓

95/10514
JUN 27 2057 19.1s 37.89S 179.31E 12km M=4.0
0.5 0.03 0.02 R
Rsd 0.1s 12ph/10stn Dmin 95km Az.gap 288°
Corr. 0.534 13M/10stn Msd 0.1 1↑

95/10517
JUN 28 0009 36.5s 38.56S 176.01E 129km M=4.3
0.3 0.02 0.01 2
Rsd 0.2s 24ph/18stn Dmin 64km Az.gap 183°
Corr. -0.233 28M/22stn Msd 0.2 1↑

95/10519
JUN 28 0130 40.0s 38.14S 175.21E 106km M=3.6
0.5 0.05 0.10 20
Rsd 0.2s 10ph/6stn Dmin 167km Az.gap 257°
Corr. -0.883 4M/4stn Msd 0.1
Unstable.

95/10520
JUN 28 0238 29.6s 35.84S 179.22E 148km M=4.5
0.7 0.05 0.05 10
Rsd 0.2s 11ph/9stn Dmin 262km Az.gap 306°
Corr. 0.768 7M/5stn Msd 0.2

95/10525
JUN 28 1421 38.1s 37.51S 179.56E 33km M=4.1
1.2 0.05 0.09 R
Rsd 0.4s 9ph/8stn Dmin 131km Az.gap 295°
Corr. 0.219 15M/11stn Msd 0.2

95/10527
JUN 28 1438 56.5s 40.84S 173.29E 175km M=3.8
1.3 0.07 0.08 12
Rsd 0.5s 6ph/4stn Dmin 160km Az.gap 302°
Corr. 0.491 1M/1stn Msd 0.0 1↓

95/10528
JUN 28 1530 34.5s 36.14S 177.99E 201km M=4.4
0.6 0.07 0.05 7
Rsd 0.2s 13ph/11stn Dmin 170km Az.gap 320°
Corr. -0.046 11M/9stn Msd 0.3

95/10533
JUN 28 1940 28.1s 36.18S 178.77E 33km M=4.2
1.1 0.06 0.07 R
Rsd 0.6s 10ph/6stn Dmin 215km Az.gap 296°
Corr. 0.500 8M/5stn Msd 0.2

95/10542
JUN 29 0343 33.2s 40.72S 175.58E 30km M=4.6
0.1 0.01 0.01 2
Rsd 0.3s 33ph/29stn Dmin 6km Az.gap 88°
Corr. -0.465 16M/9stn Msd 0.4 8↑ 1↓
Felt lower North Island, maximum intensity MM4.

95/10546
JUN 29 0504 54.6s 40.98S 172.48E 5km M=3.9
0.2 0.01 0.02 R
Rsd 0.2s 20ph/14stn Dmin 17km Az.gap 169°
Corr. -0.010 10M/5stn Msd 0.1 1↑

95/10548
JUN 29 0527 04.2s 35.84S 179.47E 130km M=4.3
0.5 0.07 0.04 13
Rsd 0.1s 10ph/9stn Dmin 270km Az.gap 336°
Corr. -0.296 11M/8stn Msd 0.2

95/10556
JUN 29 0902 49.8s 38.10S 176.03E 159km M=3.6
0.6 0.07 0.15 12
Rsd 0.2s 12ph/10stn Dmin 96km Az.gap 251°
Corr. -0.906 7M/7stn Msd 0.2 1↓

95/10562
JUN 29 1106 19.4s 39.64S 174.11E 139km M=3.5
0.4 0.02 0.02 5
Rsd 0.1s 14ph/12stn Dmin 130km Az.gap 234°
Corr. -0.441 11M/10stn Msd 0.2

95/10571
JUN 29 1330 05.9s 41.14S 172.53E 5km M=3.9
0.2 0.01 0.02 R
Rsd 0.2s 18ph/13stn Dmin 34km Az.gap 152°
Corr. 0.432 10M/5stn Msd 0.1 1↓

95/10580
JUN 29 1741 23.8s 38.77S 177.95E 29km M=4.1
0.2 0.01 0.02 2
Rsd 0.3s 19ph/17stn Dmin 19km Az.gap 165°
Corr. -0.155 35M/31stn Msd 0.3 2↑ 2↓
Felt Ormond (44), Gisborne (45) and Mahia (54).

95/10581
JUN 29 1848 44.6s 37.75S 175.42E 141km M=3.6
0.7 0.07 0.14 20
Rsd 0.3s 12ph/7stn Dmin 159km Az.gap 273°
Corr. -0.911 6M/6stn Msd 0.2

95/10588
JUN 30 1326 12.8s 39.23S 175.09E 122km M=3.8
0.5 0.02 0.02 3
Rsd 0.2s 17ph/13stn Dmin 33km Az.gap 183°
Corr. -0.313 12M/10stn Msd 0.2 1↑ 1↓

95/10598
JUL 01 0113 55.0s 37.68S 179.39E 12km M=4.0
0.4 0.04 0.02 R
Rsd 0.2s 12ph/9stn Dmin 109km Az.gap 292°
Corr. -0.150 17M/13stn Msd 0.2

95/10600
JUL 01 0258 28.0s 38.23S 175.70E 137km M=3.5
0.6 0.05 0.09 10
Rsd 0.3s 18ph/13stn Dmin 124km Az.gap 249°
Corr. -0.826 14M/13stn Msd 0.2

95/10602
JUL 01 0443 01.0s 40.15S 175.15E 12km M=3.9
0.1 0.01 0.01 R
Rsd 0.4s 38ph/33stn Dmin 44km Az.gap 83°
Corr. -0.150 8M/4stn Msd 0.3 1↑ 5↓

95/10603
JUL 01 0454 55.0s 37.72S 179.41E 12km M=4.0
0.4 0.04 0.02 R
Rsd 0.2s 12ph/9stn Dmin 108km Az.gap 326°
Corr. -0.039 24M/20stn Msd 0.2 1↑

95/10604
JUL 01 0640 41.5s 37.49S 179.41E 12km M=3.6
0.4 0.05 0.04 R
Rsd 0.1s 10ph/8stn Dmin 120km Az.gap 336°
Corr. -0.711 7M/6stn Msd 0.2

95/10612
JUL 01 1041 24.6s 39.18S 178.81E 33km M=3.5
0.6 0.02 0.05 R
Rsd 0.4s 10ph/5stn Dmin 91km Az.gap 259°
Corr. -0.363 6M/5stn Msd 0.3

95/10620
JUL 01 1342 31.4s 35.67S 178.25E 247km M=4.2
1.0 0.06 0.06 9
Rsd 0.3s 8ph/5stn Dmin 257km Az.gap 298°
Corr. 0.453 5M/4stn Msd 0.2

95/10621
JUL 01 1408 45.6s 47.21S 165.21E 12km M=3.7
1.3 0.12 0.08 R
Rsd 0.4s 10ph/8stn Dmin 245km Az.gap 336°
Corr. -0.280 8M/7stn Msd 0.3

95/10627
JUL 01 1944 20.7s 38.44S 179.64E 12km M=3.5
1.8 0.08 0.12 R
Rsd 0.5s 6ph/4stn Dmin 127km Az.gap 305°
Corr. 0.593 5M/3stn Msd 0.3

95/10632
JUL 02 0025 54.0s 39.09S 179.65E 33km M=3.7
0.7 0.04 0.05 R
Rsd 0.4s 11ph/8stn Dmin 150km Az.gap 274°
Corr. -0.154 13M/10stn Msd 0.2

95/10652
JUL 02 2313 00.6s 39.36S 175.04E 29km M=4.2
0.1 0.01 0.00 1
Rsd 0.2s 33ph/30stn Dmin 46km Az.gap 70°
Corr. -0.100 8M/4stn Msd 0.3 1↑ 8↓
Felt Ohakune (49) and Marton (61), MM4.

95/10658
JUL 03 0203 00.9s 37.03S 177.57E 12km M=5.1
0.4 0.03 0.02 R
Rsd 0.2s 16ph/14stn Dmin 65km Az.gap 232°
Corr. 0.674 9M/5stn Msd 0.3 1↑

95/10662
JUL 03 0811 55.2s 37.27S 177.39E 12km M=3.6
0.3 0.02 0.02 R
Rsd 0.3s 9ph/5stn Dmin 34km Az.gap 209°
Corr. 0.741 9M/4stn Msd 0.3

95/10672
JUL 03 1840 47.3s 37.29S 177.31E 12km M=3.6
0.4 0.03 0.02 R
Rsd 0.3s 8ph/5stn Dmin 29km Az.gap 205°
Corr. 0.726 9M/4stn Msd 0.4

95/10694
JUL 04 1847 33.1s 37.58S 177.10E 137km M=3.6
0.3 0.03 0.02 3
Rsd 0.2s 11ph/9stn Dmin 59km Az.gap 259°
Corr. 0.028 12M/12stn Msd 0.2 1↑

95/10695
JUL 04 1916 23.4s 37.89S 179.31E 44km M=4.0
0.4 0.03 0.03 9
Rsd 0.1s 15ph/12stn Dmin 95km Az.gap 288°
Corr. 0.717 13M/10stn Msd 0.1

95/10696
JUL 04 2254 13.4s 37.17S 177.32E 12km M=3.6
0.3 0.02 0.02 R
Rsd 0.2s 8ph/5stn Dmin 41km Az.gap 213°
Corr. 0.650 7M/4stn Msd 0.2

95/10697
JUL 04 2259 43.9s 35.68S 178.58E 122km M=4.1
0.5 0.09 0.05 22
Rsd 0.1s 7ph/4stn Dmin 267km Az.gap 330°
Corr. -0.826 5M/4stn Msd 0.2

95/10700
JUL 05 0106 21.0s 41.71S 174.23E 22km M=3.8
0.1 0.01 0.01 2
Rsd 0.2s 21ph/16stn Dmin 4km Az.gap 126°
Corr. -0.624 29M/23stn Msd 0.2 4↑ 2↓

95/10702
JUL 05 0511 16.0s 39.27S 174.56E 195km M=3.7
0.3 0.01 0.03 3
Rsd 0.1s 22ph/16stn Dmin 76km Az.gap 218°
Corr. -0.146 21M/20stn Msd 0.3

95/10704
JUL 05 0551 04.7s 37.10S 177.62E 86km M=4.0
0.3 0.02 0.02 5
Rsd 0.1s 15ph/14stn Dmin 61km Az.gap 231°
Corr. 0.568 20M/18stn Msd 0.1 1↓

95/10708
JUL 05 0702 29.9s 37.67S 179.31E 12km M=3.8
0.2 0.02 0.01 R
Rsd 0.1s 11ph/9stn Dmin 102km Az.gap 289°
Corr. -0.141 11M/11stn Msd 0.1 1↓

95/10709
JUL 05 0719 51.3s 37.10S 176.52E 252km M=4.2
1.2 0.09 0.08 9
Rsd 0.4s 11ph/9stn Dmin 139km Az.gap 284°
Corr. -0.580 11M/10stn Msd 0.2

95/10735
JUL 06 1559 53.3s 43.27S 177.34E 33km M=4.1
0.5 0.02 0.03 R
Rsd 0.3s 23ph/14stn Dmin 254km Az.gap 254°
Corr. -0.561 21M/19stn Msd 0.3 1↑ 1↓

95/10736
JUL 06 1857 37.2s 41.73S 174.27E 12km M=3.6
0.2 0.02 0.01 R
Rsd 0.4s 22ph/17stn Dmin 6km Az.gap 141°
Corr. -0.621 22M/18stn Msd 0.3 1↑

95/10744
JUL 07 1214 38.2s 41.38S 173.75E 68km M=3.6
0.2 0.01 0.01 3
Rsd 0.3s 24ph/19stn Dmin 11km Az.gap 72°
Corr. -0.244 19M/14stn Msd 0.3 2↑ 1↓

95/10754
JUL 08 1127 23.6s 38.20S 176.16E 174km M=4.6
0.4 0.02 0.02 4
Rsd 0.2s 24ph/20stn Dmin 4km Az.gap 120°
Corr. -0.015 25M/21stn Msd 0.3 5↑ 2↓

95/10761
JUL 09 0336 08.8s 38.50S 176.29E 5km M=2.7
1.0 0.05 0.02 R
Rsd 0.3s 6ph/4stn Dmin 14km Az.gap 314°
Corr. -0.024 3M/3stn Msd 0.1
Felt Reporoa (33) MM4.

95/10764
JUL 09 0445 10.5s 38.49S 176.29E 5km M=2.4
1.9 0.10 0.04 R
Rsd 0.5s 5ph/3stn Dmin 12km Az.gap 312°
Corr. 0.114 3M/3stn Msd 0.2
Felt Reporoa (33) MM4.

95/10766
JUL 09 0626 50.1s 38.42S 176.25E 5km M=2.8
0.4 0.03 0.02 R
Rsd 0.4s 8ph/6stn Dmin 5km Az.gap 176°
Corr. -0.366 8M/8stn Msd 0.3
Felt Reporoa (33) MM4.

95/10767
JUL 09 0628 18.3s 38.46S 176.30E 5km M=2.8
1.4 0.07 0.03 R
Rsd 0.5s 6ph/4stn Dmin 9km Az.gap 301°
Corr. 0.178 4M/4stn Msd 0.2
Felt Reporoa (33) MM4.

95/10769
JUL 09 0838 27.2s 39.62S 174.43E 216km M=4.9
0.6 0.01 0.02 5
Rsd 0.2s 43ph/39stn Dmin 44km Az.gap 75°
Corr. -0.368 26M/22stn Msd 0.5 12↑ 12↓
Felt Marton (61) and Wellington (68).

95/10772
JUL 09 1642 57.3s 40.39S 173.43E 155km M=3.6
0.3 0.02 0.01 3
Rsd 0.1s 23ph/16stn Dmin 62km Az.gap 172°
Corr. 0.041 15M/15stn Msd 0.2 1↑ 1↓

95/10781
JUL 10 0602 46.2s 36.91S 176.85E 271km M=4.3
0.5 0.03 0.03 4
Rsd 0.2s 13ph/10stn Dmin 102km Az.gap 217°
Corr. 0.485 21M/20stn Msd 0.2 1↑

95/10787
JUL 10 1106 32.9s 39.88S 173.93E 181km M=4.5
0.4 0.01 0.02 3
Rsd 0.2s 39ph/32stn Dmin 55km Az.gap 133°
Corr. -0.271 23M/22stn Msd 0.3 2↑ 2↓

95/10791
JUL 10 1242 10.2s 35.23S 179.07E 274km M=4.7
0.2 0.02 0.04 3
Rsd 0.1s 17ph/16stn Dmin 306km Az.gap 337°
Corr. -0.033 20M/20stn Msd 0.2 1↑

95/10792
JUL 10 1329 25.1s 37.72S 177.35E 80km M=3.8
0.6 0.03 0.01 5
Rsd 0.2s 20ph/19stn Dmin 26km Az.gap 149°
Corr. 0.437 19M/19stn Msd 0.2 1↑

95/10796
JUL 10 2332 06.5s 38.39S 175.70E 189km M=3.5
0.3 0.02 0.02 2
Rsd 0.1s 14ph/13stn Dmin 78km Az.gap 269°
Corr. 0.010 4M/4stn Msd 0.1

95/10799
JUL 11 0406 25.8s 44.96S 167.55E 132km M=3.9
0.3 0.03 0.01 3
Rsd 0.2s 21ph/14stn Dmin 65km Az.gap 211°
Corr. -0.439 17M/15stn Msd 0.1 13↑ 1↓

95/10815
JUL 12 0530 08.3s 38.00S 175.95E 307km M=3.8
1.9 0.17 0.34 24
Rsd 0.3s 7ph/6stn Dmin 135km Az.gap 292°
Corr. -0.909 4M/4stn Msd 0.1

95/10822
JUL 12 1710 41.4s 37.97S 179.15E 12km M=3.8
2.1 0.16 0.09 R
Rsd 0.7s 9ph/8stn Dmin 80km Az.gap 286°
Corr. 0.575 10M/9stn Msd 0.1 1↓

95/10826
JUL 12 2340 52.9s 36.67S 176.65E 213km M=3.6
1.2 0.15 0.26 34
Rsd 0.4s 7ph/4stn Dmin 211km Az.gap 296°
Corr. -0.873 4M/4stn Msd 0.2

95/10829
JUL 13 0530 26.3s 36.29S 177.04E 207km M=4.0
0.5 0.06 0.09 13
Rsd 0.1s 9ph/7stn Dmin 226km Az.gap 304°
Corr. -0.870 15M/14stn Msd 0.3 1↑

95/10839
JUL 13 1722 39.3s 37.16S 177.42E 148km M=4.1
0.4 0.02 0.02 3
Rsd 0.1s 12ph/11stn Dmin 46km Az.gap 218°
Corr. 0.816 21M/20stn Msd 0.3 2↑ 1↓

95/10866
JUL 15 0531 33.5s 39.24S 175.87E 75km M=4.2
0.2 0.01 0.01 2
Rsd 0.2s 38ph/34stn Dmin 19km Az.gap 44°
Corr. 0.181 24M/20stn Msd 0.2 3↑ 3↓

95/10885
JUL 16 0013 44.5s 45.11S 167.37E 114km M=3.7
0.2 0.02 0.01 2
Rsd 0.1s 14ph/11stn Dmin 43km Az.gap 202°
Corr. -0.275 19M/15stn Msd 0.3 1↑

95/10888
JUL 16 0120 00.6s 41.09S 173.50E 96km M=3.6
0.3 0.02 0.01 4
Rsd 0.3s 25ph/20stn Dmin 48km Az.gap 129°
Corr. -0.665 20M/18stn Msd 0.3 4↑ 7↓

95/10892
JUL 16 0215 30.2s 41.64S 175.36E 24km M=4.2
0.2 0.02 0.01 1
Rsd 0.2s 21ph/17stn Dmin 26km Az.gap 181°
Corr. -0.560 11M/6stn Msd 0.2 3↑ 3↓

95/10908
JUL 16 1013 46.6s 42.48S 173.76E 5km M=3.5
0.8 0.03 0.05 R
Rsd 0.6s 8ph/5stn Dmin 19km Az.gap 255°
Corr. 0.484 7M/5stn Msd 0.2 1↓

95/10918
JUL 16 1530 51.2s 37.16S 178.10E 33km M=3.6
1.7 0.12 0.13 R
Rsd 0.5s 4ph/3stn Dmin 102km Az.gap 323°
Corr. 0.476 3M/2stn Msd 0.2 1↓

95/10921
JUL 17 0003 50.2s 37.17S 178.00E 12km M=3.6
0.8 0.05 0.04 R
Rsd 0.3s 6ph/3stn Dmin 103km Az.gap 319°
Corr. 0.289 4M/3stn Msd 0.3

95/10923
JUL 17 0140 31.9s 42.47S 173.79E 5km M=3.7
0.5 0.02 0.03 R
Rsd 0.4s 9ph/6stn Dmin 22km Az.gap 258°
Corr. 0.335 10M/6stn Msd 0.3

95/10925
JUL 17 0419 31.9s 43.29S 172.54E 5km M=2.9
0.1 0.01 0.01 R
Rsd 0.2s 10ph/5stn Dmin 47km Az.gap 128°
Corr. 0.077 8M/6stn Msd 0.2 1↓
Felt Rangiora (102).

95/10930
JUL 17 1408 09.5s 37.79S 176.83E 12km M=3.6
0.2 0.02 0.01 R
Rsd 0.2s 5ph/3stn Dmin 43km Az.gap 214°
Corr. 0.710 5M/3stn Msd 0.2

95/10932
JUL 17 1700 02.7s 36.70S 177.17E 191km M=4.3
0.9 0.10 0.16 22
Rsd 0.2s 6ph/5stn Dmin 180km Az.gap 300°
Corr. -0.899 4M/3stn Msd 0.1
WLN Ps are automatic picks.

95/10938
JUL 18 0228 39.3s 37.77S 176.12E 221km M=4.2
0.8 0.02 0.03 8
Rsd 0.2s 14ph/13stn Dmin 49km Az.gap 137°
Corr. -0.009 19M/17stn Msd 0.3 1↑

95/10941
JUL 18 0445 39.6s 38.14S 175.99E 165km M=3.5
1.0 0.11 0.13 19
Rsd 0.5s 9ph/6stn Dmin 123km Az.gap 262°
Corr. -0.887 5M/5stn Msd 0.1

95/10950
JUL 18 1135 14.6s 38.21S 176.09E 167km M=4.0
0.6 0.02 0.02 6
Rsd 0.2s 16ph/14stn Dmin 24km Az.gap 135°
Corr. 0.071 15M/12stn Msd 0.3 1↑ 1↓

95/10953
JUL 18 1942 21.9s 38.60S 175.73E 150km M=3.9
1.3 0.03 0.04 11
Rsd 0.1s 12ph/12stn Dmin 45km Az.gap 225°
Corr. -0.566 14M/12stn Msd 0.2 1↑

95/10960
JUL 19 0143 42.6s 37.20S 177.01E 150km M=3.8
1.7 0.16 0.09 R
Rsd 0.6s 5ph/3stn Dmin 146km Az.gap 295°
Corr. -0.393 2M/2stn Msd 0.4 1↓
Poorly detected, location uncertain.

95/10961
JUL 19 0206 38.2s 36.89S 176.74E 204km M=3.9
2.4 0.29 0.32 46
Rsd 0.6s 9ph/8stn Dmin 188km Az.gap 302°
Corr. -0.823 4M/4stn Msd 0.4

95/10970
JUL 19 1126 09.6s 38.04S 179.23E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.1s 10ph/8stn Dmin 86km Az.gap 315°
Corr. 0.431 7M/6stn Msd 0.2 1↓

95/10973
JUL 19 1423 11.8s 45.08S 167.44E 108km M=3.6
0.3 0.02 0.01 3
Rsd 0.2s 16ph/12stn Dmin 49km Az.gap 197°
Corr. -0.356 8M/6stn Msd 0.2 2↑ 4↓

95/10975
JUL 19 1633 34.5s 44.99S 167.52E 116km M=3.6
0.4 0.03 0.02 4
Rsd 0.2s 16ph/12stn Dmin 60km Az.gap 211°
Corr. -0.383 15M/13stn Msd 0.2 4↑ 1↓

95/10983
JUL 20 0920 37.5s 39.99S 174.96E 31km M=3.6
0.3 0.01 0.01 3
Rsd 0.4s 32ph/26stn Dmin 21km Az.gap 76°
Corr. -0.174 31M/26stn Msd 0.2 1↓
Felt Wanganui (57) and Marton (61).

95/10985
JUL 20 1222 42.5s 38.12S 175.75E 153km M=3.5
0.7 0.09 0.13 16
Rsd 0.3s 9ph/6stn Dmin 140km Az.gap 286°
Corr. -0.871 4M/4stn Msd 0.1

95/10986
JUL 20 1307 11.7s 35.77S 176.85E 110km M=3.8
0.3 0.07 0.12 43
Rsd 0.1s 5ph/3stn Dmin 285km Az.gap 323°
Corr. -0.909 2M/2stn Msd 0.3
Poorly detected, location uncertain.

95/10990
JUL 20 1804 10.8s 38.32S 175.44E 33km M=3.6
0.2 0.02 0.02 R
Rsd 0.1s 6ph/3stn Dmin 173km Az.gap 346°
Corr. 0.586 2M/2stn Msd 0.1

95/10995
JUL 20 2235 49.8s 41.26S 172.67E 183km M=4.0
0.4 0.04 0.02 3
Rsd 0.3s 26ph/17stn Dmin 60km Az.gap 192°
Corr. -0.593 16M/13stn Msd 0.2 5↑ 1↓

95/10996
JUL 21 0047 39.7s 37.81S 179.53E 12km M=4.2
0.2 0.02 0.01 R
Rsd 0.1s 12ph/9stn Dmin 115km Az.gap 291°
Corr. -0.187 11M/8stn Msd 0.3

95/11003
JUL 21 1059 52.0s 37.37S 178.68E 82km M=3.7
1.3 0.14 0.17 12
Rsd 0.4s 7ph/5stn Dmin 87km Az.gap 345°
Corr. -0.503 4M/3stn Msd 0.2 1↑

95/11004
JUL 21 1220 35.9s 39.04S 175.39E 173km M=3.7
0.2 0.01 0.01 2
Rsd 0.1s 20ph/15stn Dmin 24km Az.gap 214°
Corr. -0.500 15M/15stn Msd 0.2

95/11015
JUL 22 0304 59.1s 38.45S 176.00E 172km M=3.7
0.6 0.06 0.08 9
Rsd 0.3s 11ph/7stn Dmin 103km Az.gap 289°
Corr. -0.835 4M/4stn Msd 0.2 1↑

95/11023
JUL 22 2053 18.2s 38.33S 177.17E 52km M=3.5
0.3 0.01 0.01 5
Rsd 0.3s 14ph/14stn Dmin 45km Az.gap 73°
Corr. 0.212 7M/6stn Msd 0.3 1↑

95/11027
JUL 23 0456 52.3s 38.16S 179.12E 12km M=3.5
0.5 0.03 0.02 R
Rsd 0.1s 8ph/7stn Dmin 76km Az.gap 306°
Corr. 0.749 4M/4stn Msd 0.4

95/11028
JUL 23 0919 55.1s 38.41S 175.81E 180km M=4.2
0.8 0.04 0.04 7
Rsd 0.2s 22ph/19stn Dmin 80km Az.gap 220°
Corr. -0.825 23M/20stn Msd 0.3 1↑

95/11030
JUL 23 1023 35.9s 37.65S 177.01E 112km M=3.6
0.7 0.07 0.07 13
Rsd 0.2s 7ph/6stn Dmin 119km Az.gap 280°
Corr. -0.792 5M/4stn Msd 0.2 1↑

95/11041
JUL 24 0456 30.6s 39.33S 175.38E 5km M=4.3
0.1 0.01 0.01 R
Rsd 0.2s 29ph/27stn Dmin 17km Az.gap 79°
Corr. -0.161 35M/29stn Msd 0.3 3↑ 1↓
Felt Waihora Rd (40) and Ohakune (49) MM4.

95/11066
JUL 25 0646 45.7s 35.30S 178.91E 223km M=4.5
0.4 0.07 0.06 13
Rsd 0.1s 12ph/9stn Dmin 313km Az.gap 311°
Corr. 0.918 10M/7stn Msd 0.6

95/11067
JUL 25 0653 22.4s 38.46S 177.10E 61km M=3.5
0.1 0.02 0.01 1
Rsd 0.0s 7ph/5stn Dmin 22km Az.gap 232°
Corr. -0.928 3M/1stn Msd 0.1 1↓

95/11077
JUL 25 1818 18.4s 45.28S 167.28E 74km M=3.6
0.2 0.01 0.01 2
Rsd 0.1s 17ph/11stn Dmin 23km Az.gap 198°
Corr. 0.162 18M/14stn Msd 0.2 1↑ 4↓

95/11101
JUL 26 2037 46.5s 36.98S 178.18E 12km M=3.9
1.0 0.07 0.07 R
Rsd 0.5s 8ph/3stn Dmin 170km Az.gap 318°
Corr. -0.319 5M/3stn Msd 0.4 1↓

95/11107
JUL 27 0358 08.0s 37.15S 177.32E 277km M=3.9
1.1 0.15 0.12 8
Rsd 0.3s 8ph/6stn Dmin 125km Az.gap 323°
Corr. -0.728 5M/5stn Msd 0.3

95/11109
JUL 27 0624 46.6s 37.42S 179.84E 33km M=4.0
0.5 0.03 0.03 R
Rsd 0.2s 11ph/10stn Dmin 207km Az.gap 299°
Corr. 0.248 17M/14stn Msd 0.2

95/11113
JUL 27 1146 48.7s 38.24S 175.90E 187km M=3.9
0.7 0.05 0.03 5
Rsd 0.2s 11ph/10stn Dmin 90km Az.gap 242°
Corr. -0.559 21M/17stn Msd 0.1 1↑

95/11114
JUL 27 1220 12.9s 39.76S 174.29E 215km M=3.6
0.9 0.12 0.13 10
Rsd 0.4s 8ph/7stn Dmin 124km Az.gap 188°
Corr. -0.953 1M/1stn Msd 0.0

95/11118
JUL 27 1503 47.6s 39.05S 175.59E 223km M=3.6
0.4 0.02 0.03 3
Rsd 0.1s 13ph/11stn Dmin 14km Az.gap 191°
Corr. -0.697 8M/8stn Msd 0.3

95/11120
JUL 27 1547 16.6s 39.23S 174.81E 223km M=4.1
0.4 0.01 0.02 3
Rsd 0.1s 24ph/22stn Dmin 64km Az.gap 201°
Corr. -0.429 24M/19stn Msd 0.2 1↑ 1↓

95/11127
JUL 27 2040 09.2s 38.07S 176.46E 150km M=3.5
1.4 0.08 0.04 10
Rsd 0.4s 10ph/9stn Dmin 61km Az.gap 260°
Corr. -0.286 8M/7stn Msd 0.2 1↑

95/11128
JUL 27 2241 53.6s 37.75S 176.55E 163km M=4.8
0.5 0.02 0.02 4
Rsd 0.2s 18ph/15stn Dmin 75km Az.gap 161°
Corr. 0.190 8M/4stn Msd 0.2 5↑ 1↓

95/11130
JUL 28 0011 14.1s 37.78S 178.63E 33km M=3.6
0.7 0.03 0.05 R
Rsd 0.3s 4ph/3stn Dmin 106km Az.gap 287°
Corr. 0.482 4M/2stn Msd 0.3

95/11135
JUL 28 0649 00.8s 43.82S 174.44E 12km M=3.5
0.7 0.05 0.03 R
Rsd 0.7s 23ph/16stn Dmin 144km Az.gap 224°
Corr. -0.612 27M/26stn Msd 0.2

95/11145
JUL 28 2146 12.0s 43.37S 171.73E 5km M=3.6
0.1 0.01 0.00 R
Rsd 0.2s 10ph/7stn Dmin 73km Az.gap 88°
Corr. 0.063 10M/6stn Msd 0.1 2↑ 2↓

95/11153
JUL 29 0455 21.7s 40.11S 176.69E 32km M=3.5
0.2 0.01 0.02 2
Rsd 0.3s 24ph/21stn Dmin 17km Az.gap 171°
Corr. -0.512 26M/24stn Msd 0.2 1↑ 2↓
Felt central Hawkes Bay (60,63).

95/11164
JUL 29 0953 55.2s 43.01S 171.33E 5km M=3.6
0.1 0.01 0.01 R
Rsd 0.2s 14ph/7stn Dmin 49km Az.gap 115°
Corr. -0.431 23M/16stn Msd 0.2 1↑

95/11169
JUL 29 1434 17.6s 37.58S 179.46E 12km M=4.4
0.3 0.01 0.02 R
Rsd 0.1s 17ph/15stn Dmin 169km Az.gap 292°
Corr. 0.434 29M/28stn Msd 0.2

95/11183
JUL 30 0442 38.3s 41.30S 174.90E 22km M=3.4
0.1 0.01 0.00 1
Rsd 0.1s 22ph/19stn Dmin 11km Az.gap 76°
Corr. 0.129 22M/21stn Msd 0.2 3↑ 3↓
Felt Wellington (68).

95/11187
JUL 30 0539 28.4s 37.68S 179.44E 12km M=3.7
0.5 0.02 0.04 R
Rsd 0.2s 13ph/10stn Dmin 161km Az.gap 293°
Corr. -0.025 5M/5stn Msd 0.2

95/11202
JUL 30 1844 15.9s 37.70S 179.09E 12km M=3.6
0.5 0.02 0.03 R
Rsd 0.2s 14ph/10stn Dmin 137km Az.gap 283°
Corr. 0.616 11M/11stn Msd 0.1

95/11205
JUL 30 2250 53.9s 40.61S 174.89E 5km M=3.8
0.4 0.02 0.02 R
Rsd 0.2s 7ph/4stn Dmin 29km Az.gap 307°
Corr. -0.411 7M/5stn Msd 1.3 1↓

95/11217
JUL 31 0419 28.7s 39.35S 177.43E 28km M=4.2
0.3 0.02 0.02 2
Rsd 0.4s 17ph/14stn Dmin 35km Az.gap 148°
Corr. -0.292 25M/23stn Msd 0.2 5↑ 4↓
Felt Patoka (52) MM4 and Napier (60).

95/11244
JUL 31 2303 38.6s 37.01S 177.60E 155km M=5.1
0.9 0.05 0.03 8
Rsd 0.3s 21ph/18stn Dmin 171km Az.gap 249°
Corr. 0.606 22M/19stn Msd 0.3 1↓

95/11256
AUG 01 0607 23.9s 38.54S 175.25E 256km M=4.1
0.7 0.06 0.03 6
Rsd 0.2s 17ph/15stn Dmin 57km Az.gap 235°
Corr. 0.077 19M/17stn Msd 0.2 1↓

95/11258
AUG 01 0733 13.5s 37.34S 176.76E 192km M=4.7
0.7 0.02 0.02 7
Rsd 0.3s 20ph/18stn Dmin 114km Az.gap 197°
Corr. 0.631 22M/20stn Msd 0.3 4↑ 4↓

95/11267
AUG 01 1656 19.3s 37.00S 177.47E 12km M=3.6
0.8 0.05 0.04 R
Rsd 0.5s 7ph/6stn Dmin 158km Az.gap 245°
Corr. 0.465 9M/9stn Msd 0.1

95/11269
AUG 01 2026 38.0s 40.28S 173.60E 163km M=3.7
0.5 0.01 0.02 5
Rsd 0.2s 24ph/21stn Dmin 64km Az.gap 153°
Corr. 0.084 11M/11stn Msd 0.2 1↑ 2↓

95/11270
AUG 01 2155 31.0s 38.81S 175.87E 111km M=3.6
0.7 0.03 0.03 6
Rsd 0.2s 16ph/14stn Dmin 35km Az.gap 206°
Corr. -0.206 15M/15stn Msd 0.2 1↑

95/11272
AUG 01 2231 22.6s 38.58S 175.77E 147km M=5.1
0.2 0.02 0.01 2
Rsd 0.1s 28ph/24stn Dmin 51km Az.gap 113°
Corr. 0.181 17M/14stn Msd 0.4 9↑ 11↓
Felt Wellington (68).

95/11292
AUG 03 0001 21.3s 39.26S 179.04E 12km M=3.7
0.2 0.02 0.03 R
Rsd 0.1s 5ph/4stn Dmin 113km Az.gap 342°
Corr. 0.758 4M/4stn Msd 0.2

95/11300
AUG 03 1320 10.8s 41.15S 175.08E 4km M=3.0
0.1 0.01 0.01 3
Rsd 0.2s 15ph/13stn Dmin 5km Az.gap 114°
Corr. -0.553 18M/14stn Msd 0.3 4↑ 2↓
Felt Upper Hutt (69).

95/11302
AUG 03 1511 46.7s 37.93S 176.11E 236km M=4.7
0.6 0.02 0.03 5
Rsd 0.2s 24ph/22stn Dmin 27km Az.gap 125°
Corr. 0.205 23M/20stn Msd 0.3 12↑ 5↓

95/11307
AUG 03 1908 06.9s 38.60S 176.70E 63km M=3.7
0.2 0.01 0.01 2
Rsd 0.2s 27ph/23stn Dmin 42km Az.gap 71°
Corr. -0.095 17M/16stn Msd 0.2 3↑ 4↓

95/11308
AUG 03 1940 08.1s 37.47S 177.36E 217km M=3.9
1.7 0.07 0.06 15
Rsd 0.3s 12ph/11stn Dmin 141km Az.gap 296°
Corr. -0.157 14M/14stn Msd 0.2

95/11319
AUG 04 0034 01.2s 38.06S 176.50E 5km M=3.3
0.1 0.01 0.00 R
Rsd 0.2s 12ph/9stn Dmin 4km Az.gap 74°
Corr. -0.118 4M/4stn Msd 0.3 2↑ 2↓
Felt Rotoiti (33).

95/11353
AUG 04 0443 56.0s 44.85S 167.58E 79km M=4.5
0.4 0.03 0.02 7
Rsd 0.2s 17ph/14stn Dmin 77km Az.gap 200°
Corr. -0.417 17M/10stn Msd 0.2 3↑ 9↓

95/11356
AUG 04 0506 19.3s 38.18S 176.44E 214km M=3.8
0.9 0.10 0.09 10
Rsd 0.2s 8ph/5stn Dmin 155km Az.gap 297°
Corr. -0.857 2M/2stn Msd 0.3
Poor station distribution.

95/11358
AUG 04 0651 31.3s 39.57S 174.32E 237km M=3.5
0.3 0.01 0.03 3
Rsd 0.1s 17ph/14stn Dmin 119km Az.gap 223°
Corr. -0.648 11M/10stn Msd 0.2

95/11382
AUG 04 2008 14.1s 40.61S 176.69E 25km M=3.7
0.3 0.02 0.02 3
Rsd 0.3s 20ph/17stn Dmin 35km Az.gap 215°
Corr. -0.651 26M/22stn Msd 0.2

95/11386
AUG 05 0229 48.4s 37.40S 176.85E 207km M=3.9
2.5 0.10 0.03 19
Rsd 0.2s 15ph/15stn Dmin 33km Az.gap 260°
Corr. 0.060 12M/12stn Msd 0.2

95/11391
AUG 05 0402 38.7s 37.84S 179.29E 12km M=4.7
0.5 0.02 0.04 R
Rsd 0.2s 26ph/21stn Dmin 140km Az.gap 289°
Corr. 0.450 39M/33stn Msd 0.3

95/11405
AUG 05 1327 12.1s 36.93S 177.59E 218km M=4.1
0.8 0.07 0.04 10
Rsd 0.2s 13ph/11stn Dmin 191km Az.gap 307°
Corr. -0.341 12M/12stn Msd 0.2 1↑

95/11412
AUG 05 2152 09.8s 37.32S 177.77E 42km M=4.8
0.3 0.02 0.02 3
Rsd 0.1s 21ph/17stn Dmin 56km Az.gap 242°
Corr. 0.639 20M/19stn Msd 0.2 1↑ 6↓

95/11429
AUG 06 0456 03.0s 39.85S 176.86E 17km M=3.5
0.2 0.01 0.01 2
Rsd 0.2s 14ph/11stn Dmin 15km Az.gap 176°
Corr. 0.044 9M/9stn Msd 0.2 3↑ 1↓

95/11453
AUG 06 1754 00.8s 37.10S 176.66E 337km M=3.8
0.8 0.08 0.04 8
Rsd 0.1s 11ph/10stn Dmin 198km Az.gap 298°
Corr. -0.421 10M/10stn Msd 0.3

95/11454
AUG 06 1811 54.0s 37.72S 178.91E 12km M=3.5
0.9 0.04 0.07 R
Rsd 0.3s 14ph/13stn Dmin 126km Az.gap 278°
Corr. 0.268 13M/13stn Msd 0.2

95/11458
AUG 06 2006 42.3s 36.45S 177.38E 282km M=4.5
0.5 0.03 0.05 5
Rsd 0.1s 13ph/11stn Dmin 121km Az.gap 307°
Corr. 0.118 17M/17stn Msd 0.3

95/11463
AUG 06 2327 08.7s 37.22S 177.31E 158km M=4.2
0.6 0.02 0.02 6
Rsd 0.1s 16ph/15stn Dmin 36km Az.gap 228°
Corr. 0.546 17M/17stn Msd 0.3 1↑

95/11471
AUG 07 0445 04.6s 36.78S 176.59E 326km M=3.9
0.6 0.07 0.05 7
Rsd 0.2s 17ph/15stn Dmin 234km Az.gap 304°
Corr. -0.394 16M/16stn Msd 0.3

95/11473
AUG 07 0623 54.8s 39.65S 175.58E 12km M=3.9
0.1 0.01 0.01 R
Rsd 0.2s 42ph/38stn Dmin 41km Az.gap 72°
Corr. -0.077 35M/32stn Msd 0.3 5↑ 5↓
Felt MM4 from Ohakune (49) to Marton (61) and Bushy Park (56).

95/11474
AUG 07 0639 40.9s 38.61S 175.45E 180km M=4.1
0.4 0.04 0.02 3
Rsd 0.2s 20ph/18stn Dmin 44km Az.gap 205°
Corr. -0.018 20M/19stn Msd 0.2 3↑ 4↓

95/11501
AUG 07 2001 40.4s 37.77S 177.59E 42km M=3.8
0.3 0.02 0.02 5
Rsd 0.2s 21ph/18stn Dmin 44km Az.gap 210°
Corr. 0.147 14M/14stn Msd 0.1 2↑ 3↓

95/11507
AUG 08 0114 38.5s 40.12S 174.99E 25km M=4.0
0.2 0.01 0.02 3
Rsd 0.4s 30ph/25stn Dmin 36km Az.gap 79°
Corr. -0.161 40M/35stn Msd 0.3 2↑ 3↓
Felt Wanganui (57) and Marton (61), MM4.

95/11511
AUG 08 0552 08.3s 41.83S 172.73E 78km M=4.0
0.2 0.02 0.01 3
Rsd 0.3s 25ph/18stn Dmin 16km Az.gap 104°
Corr. -0.553 15M/12stn Msd 0.1 4↑ 2↓

95/11516
AUG 08 1004 54.7s 40.31S 173.52E 195km M=4.1
0.3 0.01 0.02 3
Rsd 0.2s 38ph/29stn Dmin 64km Az.gap 156°
Corr. -0.076 23M/20stn Msd 0.2 8↑ 3↓

95/11521
AUG 08 1645 22.9s 36.93S 176.65E 271km M=4.2
1.2 0.11 0.07 8
Rsd 0.4s 10ph/9stn Dmin 153km Az.gap 302°
Corr. -0.388 10M/9stn Msd 0.1

95/11526
AUG 08 2016 13.9s 37.82S 176.00E 180km M=3.6
1.5 0.18 0.17 30
Rsd 0.5s 8ph/6stn Dmin 199km Az.gap 291°
Corr. -0.929 5M/5stn Msd 0.3
No close stations.

95/11539
AUG 09 0543 46.6s 38.01S 175.73E 136km M=3.6
0.8 0.06 0.07 8
Rsd 0.2s 10ph/8stn Dmin 124km Az.gap 262°
Corr. -0.845 6M/6stn Msd 0.2

95/11542
AUG 09 0717 47.0s 35.76S 178.46E 217km M=5.1
1.1 0.08 0.07 13
Rsd 0.4s 14ph/12stn Dmin 269km Az.gap 298°
Corr. 0.790 8M/4stn Msd 0.2 2↑ 1↓

95/11545
AUG 09 0752 41.4s 38.11S 175.69E 153km M=3.8
1.1 0.07 0.09 9
Rsd 0.4s 15ph/13stn Dmin 126km Az.gap 255°
Corr. -0.783 19M/17stn Msd 0.2 1↑

95/11567
AUG 10 0702 21.9s 36.95S 177.73E 72km M=4.2
0.3 0.02 0.03 3
Rsd 0.1s 16ph/12stn Dmin 80km Az.gap 255°
Corr. 0.593 25M/21stn Msd 0.2 1↓

95/11580
AUG 10 1930 33.1s 40.89S 175.82E 15km M=4.3
0.3 0.01 0.02 3
Rsd 0.4s 30ph/25stn Dmin 33km Az.gap 168°
Corr. -0.677 10M/5stn Msd 0.2 6↑ 6↓
Felt MM4 at Levin, Kapiti Coast (65) and Masterton (66).

95/11585
AUG 11 0243 07.6s 42.93S 171.57E 5km M=3.8
0.1 0.01 0.01 R
Rsd 0.2s 14ph/9stn Dmin 59km Az.gap 111°
Corr. -0.231 8M/4stn Msd 0.3 2↑ 1↓

95/11599
AUG 11 1424 53.3s 40.88S 175.77E 21km M=4.9
0.2 0.01 0.01 2
Rsd 0.3s 35ph/31stn Dmin 29km Az.gap 159°
Corr. -0.593 21M/11stn Msd 0.3 3↑ 4↓
Felt lower North Island, maximum intensity MM4.

95/11606
AUG 11 1648 14.3s 40.84S 175.74E 24km M=4.2
0.1 0.01 0.01 1
Rsd 0.1s 20ph/17stn Dmin 24km Az.gap 157°
Corr. -0.736 10M/5stn Msd 0.2 3↑ 2↓

95/11647
AUG 13 0057 58.1s 37.46S 175.86E 250km M=3.8
0.3 0.06 0.06 4
Rsd 0.1s 13ph/11stn Dmin 142km Az.gap 240°
Corr. -0.593 18M/18stn Msd 0.2

95/11649
AUG 13 0159 29.9s 45.11S 167.17E 32km M=3.6
0.2 0.01 0.02 1
Rsd 0.1s 17ph/13stn Dmin 40km Az.gap 225°
Corr. -0.705 22M/18stn Msd 0.2 1↑ 7↓

95/11665
AUG 13 1659 11.1s 39.51S 175.60E 15km M=3.5
0.2 0.01 0.01 4
Rsd 0.2s 30ph/22stn Dmin 26km Az.gap 64°
Corr. 0.630 31M/27stn Msd 0.2 2↑ 1↓
Felt Moawhango (58) MM4.

95/11670
AUG 13 2114 09.5s 37.42S 176.65E 181km M=4.2
0.2 0.01 0.01 2
Rsd 0.1s 21ph/17stn Dmin 101km Az.gap 164°
Corr. 0.545 29M/23stn Msd 0.3

95/11687
AUG 14 0525 39.8s 36.75S 176.89E 285km M=4.0
0.5 0.06 0.06 5
Rsd 0.2s 15ph/12stn Dmin 157km Az.gap 270°
Corr. -0.702 13M/13stn Msd 0.2

95/11698
AUG 14 1236 27.2s 37.90S 176.22E 167km M=3.5
0.5 0.04 0.04 3
Rsd 0.2s 12ph/9stn Dmin 88km Az.gap 234°
Corr. -0.650 8M/8stn Msd 0.2

95/11712
AUG 14 2252 24.2s 38.46S 176.01E 154km M=3.9
0.7 0.04 0.02 6
Rsd 0.2s 15ph/13stn Dmin 73km Az.gap 256°
Corr. -0.191 17M/16stn Msd 0.3 1↑

95/11719
AUG 15 0304 00.4s 41.80S 171.91E 12km M=4.1
0.2 0.02 0.01 R
Rsd 0.3s 19ph/13stn Dmin 11km Az.gap 93°
Corr. 0.304 11M/6stn Msd 0.3 1↑ 3↓

95/11738
AUG 15 1312 46.4s 37.72S 179.23E 12km M=4.0
0.6 0.03 0.04 R
Rsd 0.2s 13ph/12stn Dmin 83km Az.gap 287°
Corr. 0.487 24M/21stn Msd 0.2 1↓

95/11739
AUG 15 1319 43.7s 42.96S 171.37E 5km M=3.6
0.1 0.01 0.01 R
Rsd 0.2s 17ph/15stn Dmin 53km Az.gap 120°
Corr. -0.533 20M/14stn Msd 0.3 3↑ 3↓

95/11767
AUG 16 0759 12.9s 38.76S 178.25E 58km M=3.5
0.3 0.03 0.06 2
Rsd 0.2s 7ph/4stn Dmin 24km Az.gap 224°
Corr. -0.971 6M/4stn Msd 0.3 1↑ 1↓

95/11768
AUG 16 0822 08.1s 35.36S 179.14E 244km M=4.4
0.9 0.13 0.11 19
Rsd 0.2s 12ph/10stn Dmin 259km Az.gap 327°
Corr. -0.571 13M/11stn Msd 0.3

95/11775
AUG 16 1443 54.4s 38.24S 176.05E 197km M=3.6
0.4 0.03 0.03 4
Rsd 0.2s 17ph/14stn Dmin 96km Az.gap 220°
Corr. -0.319 13M/13stn Msd 0.3 1↑

95/11782
AUG 17 0347 26.7s 38.67S 175.64E 171km M=3.6
0.7 0.05 0.04 5
Rsd 0.1s 11ph/9stn Dmin 38km Az.gap 228°
Corr. 0.787 7M/6stn Msd 0.4 1↑

95/11784
AUG 17 0643 37.7s 39.50S 175.12E 96km M=3.7
0.3 0.01 0.01 3
Rsd 0.3s 28ph/22stn Dmin 37km Az.gap 61°
Corr. 0.230 23M/20stn Msd 0.3 4↑ 4↓

95/11786
AUG 17 0802 06.8s 38.56S 175.77E 178km M=3.7
0.4 0.02 0.01 3
Rsd 0.1s 13ph/10stn Dmin 53km Az.gap 256°
Corr. -0.021 14M/12stn Msd 0.3 1↑

95/11791
AUG 17 1423 47.0s 43.06S 171.24E 5km M=4.1
0.0 0.01 0.00 R
Rsd 0.1s 15ph/8stn Dmin 41km Az.gap 121°
Corr. -0.097 9M/5stn Msd 0.4

95/11796
AUG 17 1612 22.7s 38.89S 178.08E 50km M=3.8
0.2 0.01 0.02 3
Rsd 0.2s 17ph/14stn Dmin 30km Az.gap 198°
Corr. -0.666 13M/10stn Msd 0.2 1↓

95/11814
AUG 17 1741 56.8s 37.18S 177.03E 270km M=3.9
1.5 0.20 0.28 21
Rsd 0.6s 10ph/8stn Dmin 121km Az.gap 267°
Corr. -0.827 9M/8stn Msd 0.1

95/11828
AUG 18 0852 54.9s 38.42S 175.87E 167km M=3.9
0.5 0.02 0.01 4
Rsd 0.2s 17ph/16stn Dmin 71km Az.gap 176°
Corr. 0.148 20M/18stn Msd 0.2 2↑ 1↓

95/11829
AUG 18 1223 08.1s 37.82S 179.29E 19km M=3.9
0.5 0.01 0.03 3
Rsd 0.1s 12ph/9stn Dmin 90km Az.gap 288°
Corr. -0.480 12M/9stn Msd 0.2 1↓

95/11833
AUG 18 1409 18.8s 37.61S 179.36E 12km M=3.7
0.6 0.02 0.04 R
Rsd 0.3s 5ph/4stn Dmin 93km Az.gap 301°
Corr. -0.148 6M/4stn Msd 0.3 1↓

95/11842
AUG 19 0305 35.8s 37.33S 177.49E 112km M=3.9
0.5 0.02 0.02 4
Rsd 0.2s 16ph/15stn Dmin 35km Az.gap 181°
Corr. 0.523 21M/19stn Msd 0.3 1↑ 1↓

95/11851
AUG 19 1154 31.6s 42.95S 171.48E 5km M=3.5
0.1 0.01 0.00 R
Rsd 0.2s 12ph/7stn Dmin 62km Az.gap 145°
Corr. -0.401 8M/6stn Msd 0.3 1↑ 1↓
Felt Arthur's Pass (93) MM4.

95/11857
AUG 19 1814 42.5s 37.85S 179.41E 12km M=4.1
0.1 0.01 0.01 R
Rsd 0.1s 13ph/10stn Dmin 102km Az.gap 290°
Corr. 0.190 16M/12stn Msd 0.2 1↓

95/11859
AUG 19 2305 59.4s 38.53S 175.67E 183km M=3.6
0.5 0.04 0.04 6
Rsd 0.2s 13ph/11stn Dmin 75km Az.gap 255°
Corr. 0.020 10M/10stn Msd 0.2

95/11862
AUG 20 0115 58.0s 38.95S 176.04E 99km M=3.9
0.3 0.01 0.01 3
Rsd 0.3s 31ph/25stn Dmin 8km Az.gap 75°
Corr. -0.088 24M/22stn Msd 0.2 1↑

95/11868
AUG 20 0850 55.4s 38.02S 179.15E 17km M=3.7
0.1 0.01 0.01 1
Rsd 0.0s 10ph/8stn Dmin 78km Az.gap 278°
Corr. -0.676 12M/10stn Msd 0.2 1↑ 1↓

95/11870
AUG 20 0855 08.9s 39.65S 176.26E 36km M=3.5
0.1 0.01 0.01 3
Rsd 0.3s 30ph/26stn Dmin 10km Az.gap 70°
Corr. 0.010 19M/17stn Msd 0.2

95/11888
AUG 21 0719 34.0s 38.30S 175.92E 155km M=3.6
0.3 0.04 0.03 6
Rsd 0.1s 10ph/7stn Dmin 117km Az.gap 237°
Corr. -0.729 9M/9stn Msd 0.3
No close stations.

95/11899
AUG 21 1728 12.3s 37.49S 176.53E 175km M=3.8
0.5 0.05 0.03 7
Rsd 0.1s 12ph/11stn Dmin 157km Az.gap 245°
Corr. -0.768 15M/14stn Msd 0.2

95/11906
AUG 22 0021 27.3s 41.38S 173.96E 81km M=5.5
0.2 0.01 0.01 2
Rsd 0.2s 28ph/23stn Dmin 14km Az.gap 61°
Corr. -0.224 8M/4stn Msd 0.2 7↑ 12↓
Felt both sides of Cook Strait, MM4.

95/11908
AUG 22 0255 31.0s 40.13S 174.98E 21km M=3.6
0.2 0.01 0.01 3
Rsd 0.4s 31ph/26stn Dmin 37km Az.gap 65°
Corr. -0.048 30M/25stn Msd 0.3 2↑ 1↓

95/11912
AUG 22 0515 00.9s 37.97S 177.34E 253km M=3.8
1.6 0.32 0.35 16
Rsd 0.5s 10ph/7stn Dmin 81km Az.gap 241°
Corr. -0.920 6M/6stn Msd 0.5

95/11914
AUG 22 0600 54.3s 39.49S 174.61E 192km M=3.7
0.4 0.02 0.02 3
Rsd 0.2s 23ph/16stn Dmin 44km Az.gap 127°
Corr. 0.376 8M/8stn Msd 0.2

95/11924
AUG 22 1508 59.6s 36.19S 178.89E 12km M=4.4
1.9 0.09 0.13 R
Rsd 0.5s 8ph/7stn Dmin 165km Az.gap 298°
Corr. 0.557 9M/6stn Msd 0.3

95/11925
AUG 22 1614 39.7s 35.56S 179.38E 12km M=4.5
2.4 0.13 0.18 R
Rsd 0.7s 8ph/7stn Dmin 246km Az.gap 312°
Corr. 0.324 5M/3stn Msd 0.3

95/11926
AUG 22 1623 08.7s 36.89S 179.53E 12km M=3.6
1.7 0.15 0.13 R
Rsd 0.3s 4ph/3stn Dmin 135km Az.gap 340°
Corr. -0.360 5M/3stn Msd 0.2

95/11943
AUG 23 0719 08.2s 42.91S 171.61E 12km M=3.4
0.1 0.01 0.00 R
Rsd 0.2s 9ph/5stn Dmin 56km Az.gap 180°
Corr. -0.492 8M/5stn Msd 0.1 1↑ 2↓
Felt Arthur's Pass (93) MM4.

95/11957
AUG 23 2025 00.4s 37.76S 179.20E 12km M=3.5
0.7 0.03 0.04 R
Rsd 0.4s 6ph/4stn Dmin 81km Az.gap 305°
Corr. 0.074 5M/3stn Msd 0.2 1↓

95/11960
AUG 23 2200 33.2s 37.60S 176.45E 188km M=3.7
0.6 0.07 0.08 11
Rsd 0.2s 8ph/5stn Dmin 167km Az.gap 287°
Corr. -0.926 7M/7stn Msd 0.2

95/11974
AUG 24 1251 38.8s 37.05S 178.37E 50km M=4.0
0.5 0.03 0.03 6
Rsd 0.2s 13ph/11stn Dmin 61km Az.gap 268°
Corr. 0.668 8M/6stn Msd 0.3 1↓

95/11989
AUG 25 0534 37.6s 38.46S 175.97E 237km M=3.5
0.5 0.07 0.10 8
Rsd 0.1s 10ph/8stn Dmin 141km Az.gap 300°
Corr. -0.918 2M/2stn Msd 0.1

95/11994
AUG 25 0959 45.4s 41.37S 172.85E 155km M=3.5
0.4 0.03 0.02 3
Rsd 0.3s 22ph/16stn Dmin 44km Az.gap 166°
Corr. -0.698 14M/13stn Msd 0.1 1↑

95/12013
AUG 26 1145 47.2s 35.21S 178.79E 289km M=5.4
0.5 0.05 0.03 5
Rsd 0.1s 20ph/17stn Dmin 268km Az.gap 307°
Corr. 0.803 24M/19stn Msd 0.3 1↓

95/12016
AUG 26 1505 55.9s 35.22S 178.12E 269km M=4.1
0.2 0.07 0.15 10
Rsd 0.1s 11ph/9stn Dmin 377km Az.gap 334°
Corr. -0.972 3M/3stn Msd 0.3

95/12031
AUG 27 0155 34.7s 38.96S 178.35E 33km M=3.5
0.3 0.01 0.02 R
Rsd 0.2s 9ph/5stn Dmin 46km Az.gap 231°
Corr. -0.796 3M/3stn Msd 0.2 1↑

95/12035
AUG 27 0540 02.6s 36.76S 177.69E 12km M=3.6
2.5 0.16 0.09 R
Rsd 0.9s 5ph/3stn Dmin 107km Az.gap 308°
Corr. 0.280 3M/3stn Msd 0.0
Location uncertain, poorly detected.

95/12044
AUG 27 1417 09.7s 37.00S 176.75E 12km M=3.7
1.1 0.08 0.03 R
Rsd 0.2s 4ph/3stn Dmin 153km Az.gap 282°
Corr. -0.712 3M/3stn Msd 0.5 1↑

95/12052
AUG 27 2047 15.1s 40.36S 175.56E 70km M=3.7
0.1 0.01 0.01 2
Rsd 0.2s 29ph/22stn Dmin 34km Az.gap 107°
Corr. -0.544 22M/19stn Msd 0.2 2↑ 8↓

95/12053
AUG 27 2136 46.6s 38.14S 176.08E 162km M=3.7
0.7 0.03 0.03 7
Rsd 0.3s 14ph/12stn Dmin 106km Az.gap 135°
Corr. -0.085 17M/17stn Msd 0.3 1↑

95/12059
AUG 28 0807 57.5s 38.82S 176.25E 214km M=3.8
0.2 0.01 0.18 5
Rsd 0.1s 7ph/4stn Dmin 69km Az.gap 321°
Corr. -0.838 1M/1stn Msd 0.0

95/12070
AUG 28 2349 08.7s 42.07S 173.11E 5km M=3.7
0.1 0.01 0.01 R
Rsd 0.3s 20ph/13stn Dmin 38km Az.gap 112°
Corr. 0.051 8M/4stn Msd 0.2 1↑

95/12077
AUG 29 0809 29.1s 36.11S 178.08E 194km M=4.2
0.2 0.03 0.03 2
Rsd 0.1s 11ph/9stn Dmin 167km Az.gap 321°
Corr. -0.727 11M/9stn Msd 0.3 1↑

95/12086
AUG 29 1833 42.4s 38.20S 176.13E 150km M=3.8
0.5 0.02 0.02 4
Rsd 0.2s 16ph/15stn Dmin 86km Az.gap 133°
Corr. -0.159 18M/16stn Msd 0.2 1↑

95/12091
AUG 29 2121 02.0s 45.11S 167.49E 120km M=3.7
0.4 0.02 0.02 3
Rsd 0.2s 20ph/16stn Dmin 47km Az.gap 183°
Corr. -0.276 17M/16stn Msd 0.2 1↑

95/12100
AUG 30 0500 33.7s 38.15S 176.23E 5km M=2.6
0.1 0.01 0.01 R
Rsd 0.2s 11ph/7stn Dmin 5km Az.gap 174°
Corr. -0.583 6M/6stn Msd 0.3 1↑
Felt Rotorua (33) MM4.

95/12110
AUG 30 0942 03.9s 39.84S 174.21E 119km M=3.6
0.3 0.01 0.01 3
Rsd 0.2s 33ph/23stn Dmin 61km Az.gap 130°
Corr. -0.188 17M/15stn Msd 0.2 6↑ 1↓

95/12112
AUG 30 1033 48.7s 37.31S 177.80E 39km M=4.1
0.2 0.02 0.01 4
Rsd 0.2s 24ph/19stn Dmin 55km Az.gap 198°
Corr. 0.125 26M/22stn Msd 0.2 1↑ 3↓

95/12140
AUG 31 1555 44.2s 37.41S 179.25E 12km M=4.1
0.8 0.06 0.03 R
Rsd 0.3s 5ph/3stn Dmin 86km Az.gap 323°
Corr. 0.468 4M/4stn Msd 1.8

95/12150
AUG 31 2319 56.6s 35.74S 178.17E 245km M=3.9
1.8 0.27 0.27 14
Rsd 0.5s 8ph/7stn Dmin 206km Az.gap 329°
Corr. -0.847 3M/3stn Msd 0.1

95/12157
SEP 01 0654 01.6s 37.99S 176.16E 172km M=3.6
0.6 0.05 0.03 4
Rsd 0.2s 13ph/11stn Dmin 89km Az.gap 261°
Corr. -0.641 11M/11stn Msd 0.2 1↑

95/12163
SEP 01 1200 40.9s 39.23S 174.96E 219km M=3.9
0.8 0.03 0.03 6
Rsd 0.2s 21ph/20stn Dmin 51km Az.gap 208°
Corr. -0.436 21M/19stn Msd 0.2

95/12166
SEP 01 1806 07.5s 36.59S 176.77E 290km M=3.8
1.2 0.14 0.16 9
Rsd 0.3s 6ph/5stn Dmin 176km Az.gap 304°
Corr. -0.867 4M/4stn Msd 0.1

95/12167
SEP 01 2115 05.2s 38.39S 175.91E 139km M=3.5
0.8 0.05 0.14 14
Rsd 0.3s 7ph/5stn Dmin 106km Az.gap 277°
Corr. -0.670 5M/5stn Msd 0.2

95/12174
SEP 02 1012 27.2s 38.10S 175.89E 209km M=3.5
0.7 0.06 0.07 6
Rsd 0.4s 9ph/5stn Dmin 109km Az.gap 233°
Corr. -0.834 3M/3stn Msd 0.1

95/12176
SEP 02 1145 18.8s 37.62S 177.84E 77km M=4.3
0.3 0.02 0.01 2
Rsd 0.2s 24ph/20stn Dmin 41km Az.gap 149°
Corr. 0.181 15M/11stn Msd 0.2 1↓

95/12186
SEP 02 2257 30.4s 37.14S 177.41E 12km M=3.7
0.4 0.03 0.03 R
Rsd 0.5s 8ph/4stn Dmin 94km Az.gap 197°
Corr. 0.605 7M/4stn Msd 0.3

95/12187
SEP 02 2324 21.7s 38.59S 175.57E 132km M=3.7
1.1 0.04 0.05 8
Rsd 0.2s 16ph/15stn Dmin 46km Az.gap 222°
Corr. -0.529 22M/22stn Msd 0.2 3↑ 1↓

95/12194
SEP 03 1219 43.6s 38.62S 175.80E 184km M=3.6
0.8 0.04 0.05 8
Rsd 0.4s 18ph/14stn Dmin 64km Az.gap 219°
Corr. -0.597 14M/14stn Msd 0.3

95/12200
SEP 03 1751 39.2s 37.87S 176.67E 160km M=5.2
0.4 0.02 0.02 4
Rsd 0.2s 35ph/31stn Dmin 12km Az.gap 84°
Corr. 0.218 8M/4stn Msd 0.2 11↑ 8↓

95/12218
SEP 04 1910 58.9s 37.47S 176.53E 204km M=4.3
0.2 0.02 0.01 2
Rsd 0.1s 18ph/16stn Dmin 102km Az.gap 159°
Corr. 0.594 27M/24stn Msd 0.2

95/12221
SEP 05 0305 43.7s 37.97S 176.76E 97km M=4.2
0.2 0.01 0.01 2
Rsd 0.2s 24ph/18stn Dmin 15km Az.gap 108°
Corr. -0.252 24M/19stn Msd 0.2 1↑

95/12222
SEP 05 0355 56.1s 43.23S 171.57E 12km M=4.2
0.1 0.01 0.00 R
Rsd 0.1s 16ph/9stn Dmin 66km Az.gap 106°
Corr. 0.069 12M/7stn Msd 0.2 1↑ 1↓

95/12230
SEP 05 1045 23.1s 39.40S 174.18E 244km M=4.3
0.7 0.03 0.06 6
Rsd 0.3s 25ph/20stn Dmin 78km Az.gap 175°
Corr. -0.344 21M/18stn Msd 0.2 3↑ 4↓

95/12243
SEP 06 0838 36.5s 40.47S 174.38E 65km M=4.0
0.2 0.01 0.01 4
Rsd 0.2s 27ph/22stn Dmin 54km Az.gap 144°
Corr. -0.328 21M/18stn Msd 0.3 2↑ 1↓

95/12245
SEP 06 1435 51.3s 47.15S 165.52E 33km M=4.3
1.0 0.06 0.06 R
Rsd 0.4s 15ph/11stn Dmin 201km Az.gap 313°
Corr. 0.479 18M/13stn Msd 0.2

95/12248
SEP 07 0143 36.9s 38.56S 176.18E 157km M=3.5
1.1 0.05 0.06 8
Rsd 0.4s 7ph/5stn Dmin 75km Az.gap 200°
Corr. -0.174 2M/2stn Msd 0.2

95/12255
SEP 07 1017 11.8s 45.04S 167.51E 58km M=3.5
0.3 0.01 0.01 3
Rsd 0.2s 18ph/14stn Dmin 53km Az.gap 189°
Corr. -0.662 20M/15stn Msd 0.2 1↓

95/12259
SEP 07 1219 42.5s 38.54S 176.26E 159km M=3.9
0.5 0.03 0.02 4
Rsd 0.2s 10ph/7stn Dmin 80km Az.gap 194°
Corr. -0.411 4M/2stn Msd 0.0

95/12261
SEP 07 1613 27.6s 36.60S 177.83E 223km M=4.2
1.2 0.12 0.12 7
Rsd 0.4s 10ph/8stn Dmin 119km Az.gap 305°
Corr. -0.669 9M/6stn Msd 0.3

95/12264
SEP 08 0052 03.8s 36.14S 177.71E 172km M=4.4
0.7 0.07 0.08 7
Rsd 0.2s 7ph/5stn Dmin 170km Az.gap 322°
Corr. -0.816 8M/5stn Msd 0.2

95/12269
SEP 08 0714 50.4s 37.76S 179.36E 33km M=3.8
0.8 0.05 0.05 R
Rsd 0.4s 8ph/4stn Dmin 95km Az.gap 310°
Corr. 0.126 4M/4stn Msd 0.5 1↓

95/12285
SEP 09 0201 18.4s 37.82S 179.72E 12km M=4.1
0.4 0.02 0.03 R
Rsd 0.1s 10ph/9stn Dmin 128km Az.gap 299°
Corr. 0.298 29M/25stn Msd 0.2

95/12286
SEP 09 0232 29.6s 45.69S 166.99E 84km M=3.7
0.2 0.01 0.01 2
Rsd 0.1s 16ph/13stn Dmin 28km Az.gap 240°
Corr. 0.298 19M/15stn Msd 0.2 1↑ 1↓

95/12289
SEP 09 0507 14.0s 41.81S 174.45E 22km M=3.7
0.1 0.01 0.01 2
Rsd 0.2s 28ph/19stn Dmin 20km Az.gap 153°
Corr. -0.493 26M/21stn Msd 0.2 4↑ 6↓

95/12301
SEP 09 1648 59.5s 36.22S 179.30W 12km M=4.4
0.4 0.03 0.02 R
Rsd 0.1s 10ph/8stn Dmin 263km Az.gap 316°
Corr. -0.127 17M/12stn Msd 0.3

95/12305
SEP 09 1848 27.3s 35.45S 178.60E 223km M=4.3
0.8 0.27 0.11 41
Rsd 0.2s 7ph/4stn Dmin 240km Az.gap 343°
Corr. 0.239 4M/4stn Msd 0.2

95/12306
SEP 09 2018 22.9s 37.34S 176.24E 326km M=3.5
0.8 0.10 0.15 7
Rsd 0.2s 7ph/4stn Dmin 128km Az.gap 271°
Corr. -0.885 3M/3stn Msd 0.2

95/12316
SEP 10 0501 43.6s 36.15S 177.90E 164km M=3.8
0.6 0.11 0.06 19
Rsd 0.2s 7ph/3stn Dmin 216km Az.gap 336°
Corr. 0.157 3M/3stn Msd 0.3

95/12328
SEP 10 1248 12.4s 37.13S 177.23E 204km M=3.6
2.2 0.19 0.20 14
Rsd 0.8s 10ph/7stn Dmin 109km Az.gap 272°
Corr. -0.813 5M/5stn Msd 0.2

95/12337
SEP 10 1747 57.1s 35.55S 178.00E 222km M=3.9
1.5 0.15 0.18 15
Rsd 0.3s 12ph/10stn Dmin 229km Az.gap 329°
Corr. -0.850 5M/5stn Msd 0.3

95/12339
SEP 10 1911 56.1s 38.64S 176.24E 216km M=3.6
0.7 0.04 0.05 6
Rsd 0.2s 13ph/11stn Dmin 82km Az.gap 197°
Corr. -0.670 12M/12stn Msd 0.2

95/12347
SEP 11 0051 42.6s 39.12S 174.89E 223km M=4.4
0.8 0.03 0.06 6
Rsd 0.3s 24ph/21stn Dmin 58km Az.gap 137°
Corr. -0.265 23M/18stn Msd 0.3 3↑ 2↓

95/12356
SEP 11 0741 55.7s 39.59S 174.25E 205km M=3.5
0.6 0.02 0.03 6
Rsd 0.2s 25ph/22stn Dmin 39km Az.gap 112°
Corr. -0.110 16M/16stn Msd 0.3 1↑

95/12359
SEP 11 0853 35.3s 40.47S 176.47E 42km M=4.6
0.2 0.01 0.02 3
Rsd 0.2s 33ph/30stn Dmin 24km Az.gap 178°
Corr. -0.502 8M/4stn Msd 0.3 2↑ 4↓
Felt Hawkes Bay to Wellington, maximum intensity MM4.

95/12364
SEP 11 1337 09.2s 37.75S 179.36E 12km M=3.6
0.8 0.03 0.04 R
Rsd 0.3s 10ph/5stn Dmin 95km Az.gap 298°
Corr. 0.036 7M/7stn Msd 0.3 1↑

95/12365
SEP 11 1348 28.1s 37.90S 179.23E 33km M=3.5
1.4 0.06 0.09 R
Rsd 0.8s 10ph/7stn Dmin 87km Az.gap 287°
Corr. 0.485 6M/6stn Msd 0.2

95/12387
SEP 12 1154 15.9s 37.43S 177.26E 139km M=3.9
0.3 0.03 0.01 3
Rsd 0.2s 8ph/6stn Dmin 93km Az.gap 222°
Corr. -0.485 14M/14stn Msd 0.2 1↓

95/12392
SEP 12 1425 20.7s 38.22S 177.08E 5km M=3.8
0.1 0.01 0.01 R
Rsd 0.3s 14ph/13stn Dmin 5km Az.gap 51°
Corr. 0.257 9M/9stn Msd 0.3 1↑ 1↓

95/12394
SEP 12 1550 11.7s 38.61S 175.86E 254km M=3.5
0.5 0.04 0.05 4
Rsd 0.2s 11ph/10stn Dmin 116km Az.gap 220°
Corr. -0.767 8M/8stn Msd 0.1

95/12407
SEP 13 0719 12.2s 41.06S 173.01E 227km M=3.8
0.3 0.02 0.02 3
Rsd 0.2s 21ph/15stn Dmin 78km Az.gap 212°
Corr. -0.497 13M/13stn Msd 0.2 1↑

95/12434
SEP 14 1017 01.8s 37.55S 179.42E 12km M=3.6
0.4 0.02 0.02 R
Rsd 0.2s 9ph/6stn Dmin 99km Az.gap 312°
Corr. 0.083 8M/8stn Msd 0.3

95/12439
SEP 14 1345 26.7s 42.03S 173.91E 21km M=3.5
0.2 0.01 0.01 2
Rsd 0.3s 24ph/18stn Dmin 35km Az.gap 145°
Corr. -0.490 23M/19stn Msd 0.2 3↑ 3↓

95/12449
SEP 14 2041 30.4s 39.49S 174.46E 210km M=4.0
0.5 0.02 0.03 4
Rsd 0.3s 29ph/24stn Dmin 49km Az.gap 128°
Corr. -0.293 23M/21stn Msd 0.2 1↑

95/12467
SEP 15 0321 04.6s 39.20S 176.90E 29km M=4.1
0.1 0.01 0.01 1
Rsd 0.2s 34ph/30stn Dmin 15km Az.gap 93°
Corr. -0.373 30M/24stn Msd 0.2 2↑ 1↓

95/12486
SEP 16 0011 43.3s 40.12S 176.48E 53km M=3.5
0.2 0.01 0.02 3
Rsd 0.2s 17ph/11stn Dmin 32km Az.gap 134°
Corr. -0.551 9M/7stn Msd 0.2 1↑

95/12496
SEP 16 1419 33.9s 36.58S 177.42E 182km M=3.9
0.5 0.05 0.05 5
Rsd 0.2s 9ph/7stn Dmin 137km Az.gap 299°
Corr. -0.620 8M/8stn Msd 0.4 1↑

95/12517
SEP 17 0622 28.9s 38.34S 177.67E 57km M=4.1
0.2 0.01 0.01 2
Rsd 0.2s 21ph/19stn Dmin 44km Az.gap 74°
Corr. 0.492 23M/19stn Msd 0.2 1↑ 2↓

95/12528
SEP 17 1510 43.9s 37.33S 179.00E 12km M=4.3
0.7 0.03 0.04 R
Rsd 0.2s 17ph/15stn Dmin 69km Az.gap 283°
Corr. 0.635 38M/33stn Msd 0.2 1↓

95/12535
SEP 17 2020 17.1s 37.85S 176.21E 156km M=3.8
0.5 0.04 0.05 3
Rsd 0.2s 13ph/9stn Dmin 91km Az.gap 232°
Corr. -0.741 19M/18stn Msd 0.3

95/12536
SEP 17 2031 19.2s 37.86S 179.40E 12km M=3.6
0.2 0.01 0.01 R
Rsd 0.1s 8ph/4stn Dmin 101km Az.gap 308°
Corr. 0.126 4M/4stn Msd 0.3 1↑ 1↓

95/12540
SEP 17 2326 56.5s 37.76S 177.88E 70km M=3.7
0.3 0.02 0.01 3
Rsd 0.2s 10ph/5stn Dmin 41km Az.gap 124°
Corr. -0.408 7M/5stn Msd 0.3 2↑ 2↓

95/12559
SEP 18 0853 28.9s 37.11S 177.46E 5km M=4.0
0.4 0.03 0.02 R
Rsd 0.3s 11ph/9stn Dmin 52km Az.gap 202°
Corr. 0.427 14M/11stn Msd 0.2 1↑

95/12561
SEP 18 0942 02.8s 37.06S 177.51E 5km M=4.1
0.3 0.03 0.01 R
Rsd 0.2s 13ph/11stn Dmin 59km Az.gap 208°
Corr. 0.438 18M/15stn Msd 0.2 1↑

95/12574
SEP 18 1543 15.4s 38.26S 175.82E 151km M=3.8
0.5 0.03 0.04 4
Rsd 0.2s 17ph/13stn Dmin 95km Az.gap 227°
Corr. -0.571 20M/20stn Msd 0.2 2↑ 2↓

95/12582
SEP 18 2021 27.9s 37.17S 177.17E 192km M=3.7
1.6 0.12 0.09 13
Rsd 0.4s 10ph/9stn Dmin 111km Az.gap 265°
Corr. -0.656 12M/12stn Msd 0.2

95/12586
SEP 18 2301 56.3s 44.94S 167.48E 64km M=4.8
0.3 0.01 0.01 2
Rsd 0.1s 20ph/16stn Dmin 46km Az.gap 192°
Corr. -0.663 15M/8stn Msd 0.3 11↑ 3↓
Felt Wanaka and Queenstown area.

95/12594
SEP 19 0416 15.6s 37.87S 179.47E 12km M=3.7
1.0 0.05 0.06 R
Rsd 0.4s 10ph/6stn Dmin 107km Az.gap 295°
Corr. 0.379 5M/5stn Msd 0.3 1↓

95/12601
SEP 19 1026 24.3s 36.48S 177.31E 202km M=3.7
0.2 0.03 0.02 3
Rsd 0.1s 7ph/4stn Dmin 152km Az.gap 320°
Corr. -0.435 4M/4stn Msd 0.2

95/12602
SEP 19 1100 12.5s 45.06S 167.43E 79km M=4.4
0.2 0.01 0.01 2
Rsd 0.1s 20ph/15stn Dmin 50km Az.gap 198°
Corr. -0.414 21M/14stn Msd 0.2 1↑ 11↓

95/12605
SEP 19 1232 59.4s 36.35S 178.70E 138km M=4.2
0.6 0.06 0.04 10
Rsd 0.2s 12ph/10stn Dmin 144km Az.gap 313°
Corr. -0.248 25M/22stn Msd 0.2 1↑

95/12607
SEP 19 1431 11.8s 35.63S 178.59E 227km M=3.8
0.8 0.11 0.12 8
Rsd 0.2s 11ph/9stn Dmin 220km Az.gap 335°
Corr. -0.832 8M/8stn Msd 0.3

95/12619
SEP 19 2252 24.9s 39.61S 174.26E 205km M=6.6
0.5 0.01 0.02 4
Rsd 0.2s 46ph/37stn Dmin 33km Az.gap 90°
Corr. -0.082 8M/4stn Msd 0.2 13↑ 25↓
Felt widely throughout central and southern North Island and parts of South Island, maximum intensity MM5.

95/12621
SEP 19 2333 11.6s 39.57S 174.36E 204km M=4.1
0.7 0.03 0.04 5
Rsd 0.4s 18ph/12stn Dmin 45km Az.gap 100°
Corr. 0.258 14M/12stn Msd 0.3 1↓

95/12626
SEP 20 0215 23.6s 36.30S 176.08E 217km M=3.8
1.2 0.16 0.20 21
Rsd 0.5s 8ph/5stn Dmin 236km Az.gap 299°
Corr. -0.883 4M/4stn Msd 0.1

95/12629
SEP 20 0537 17.6s 38.84S 175.96E 92km M=3.7
0.3 0.01 0.01 3
Rsd 0.3s 31ph/25stn Dmin 13km Az.gap 54°
Corr. -0.168 21M/19stn Msd 0.1 2↑ 3↓

95/12630
SEP 20 0605 50.2s 40.28S 176.17E 51km M=4.0
0.1 0.01 0.01 3
Rsd 0.2s 28ph/27stn Dmin 38km Az.gap 108°
Corr. -0.363 25M/22stn Msd 0.2 4↑ 2↓

95/12634
SEP 20 1749 36.3s 39.31S 174.74E 202km M=3.6
0.5 0.02 0.04 4
Rsd 0.2s 21ph/17stn Dmin 57km Az.gap 212°
Corr. -0.171 15M/15stn Msd 0.2 1↓

95/12635
SEP 20 1751 20.8s 40.14S 174.87E 26km M=3.6
0.2 0.01 0.02 3
Rsd 0.4s 31ph/25stn Dmin 39km Az.gap 91°
Corr. 0.112 30M/26stn Msd 0.3 2↑ 1↓

95/12640
SEP 21 0314 05.1s 35.89S 178.39E 203km M=4.5
0.3 0.03 0.02 4
Rsd 0.1s 10ph/6stn Dmin 189km Az.gap 294°
Corr. 0.715 8M/6stn Msd 0.4

95/12645
SEP 21 0654 46.2s 39.63S 174.35E 200km M=3.9
0.5 0.02 0.02 4
Rsd 0.3s 33ph/26stn Dmin 40km Az.gap 91°
Corr. 0.090 24M/22stn Msd 0.3

95/12650
SEP 21 1003 21.8s 36.98S 176.87E 262km M=3.8
0.4 0.05 0.04 4
Rsd 0.2s 14ph/10stn Dmin 143km Az.gap 270°
Corr. -0.683 14M/14stn Msd 0.2

95/12656
SEP 21 1438 18.8s 42.17S 172.84E 73km M=3.7
0.2 0.01 0.01 3
Rsd 0.3s 26ph/19stn Dmin 46km Az.gap 69°
Corr. -0.380 20M/16stn Msd 0.2 3↑ 1↓

95/12660
SEP 21 1735 54.5s 36.81S 177.73E 135km M=4.0
0.6 0.03 0.03 7
Rsd 0.3s 10ph/8stn Dmin 101km Az.gap 238°
Corr. 0.542 5M/4stn Msd 0.3 1↓

95/12662
SEP 21 1941 19.7s 39.88S 174.06E 166km M=3.6
0.5 0.02 0.04 5
Rsd 0.2s 24ph/19stn Dmin 75km Az.gap 190°
Corr. -0.623 17M/17stn Msd 0.2 1↑

95/12664
SEP 21 2126 24.7s 38.48S 175.83E 180km M=4.1
0.4 0.02 0.02 4
Rsd 0.2s 26ph/22stn Dmin 70km Az.gap 75°
Corr. -0.011 25M/23stn Msd 0.3 1↑ 2↓

95/12681
SEP 22 1614 01.6s 37.87S 179.44E 12km M=3.8
1.3 0.06 0.08 R
Rsd 0.7s 9ph/7stn Dmin 105km Az.gap 291°
Corr. 0.177 5M/5stn Msd 0.7 1↓

95/12682
SEP 22 1640 12.9s 38.54S 175.97E 162km M=3.7
0.7 0.03 0.02 6
Rsd 0.3s 14ph/11stn Dmin 63km Az.gap 114°
Corr. -0.431 15M/15stn Msd 0.2 1↑ 1↓

95/12684
SEP 22 1931 07.7s 40.46S 173.39E 174km M=3.7
0.5 0.01 0.02 5
Rsd 0.2s 28ph/24stn Dmin 59km Az.gap 158°
Corr. -0.232 16M/14stn Msd 0.2

95/12690
SEP 22 2258 30.8s 41.18S 172.47E 217km M=3.5
0.8 0.06 0.04 7
Rsd 0.3s 17ph/14stn Dmin 75km Az.gap 218°
Corr. -0.164 8M/8stn Msd 0.2

95/12692
SEP 23 0209 24.0s 40.51S 173.35E 204km M=3.9
0.5 0.03 0.02 5
Rsd 0.2s 24ph/21stn Dmin 59km Az.gap 185°
Corr. -0.564 17M/14stn Msd 0.2

95/12711
SEP 23 1100 01.2s 37.75S 176.41E 295km M=4.0
0.4 0.05 0.05 3
Rsd 0.1s 11ph/9stn Dmin 84km Az.gap 225°
Corr. -0.757 14M/14stn Msd 0.2 1↑

95/12747
SEP 23 2103 41.7s 38.23S 178.25E 27km M=4.0
0.2 0.01 0.02 2
Rsd 0.2s 21ph/18stn Dmin 17km Az.gap 194°
Corr. 0.225 32M/26stn Msd 0.3 1↓

95/12762
SEP 24 0006 35.8s 41.27S 174.38E 40km M=4.2
0.1 0.01 0.01 2
Rsd 0.2s 33ph/28stn Dmin 11km Az.gap 84°
Corr. -0.494 17M/12stn Msd 0.4 6↑ 3↓
Felt Picton (78) MM4, Wellington (68) and Blenheim (77).

95/12818
SEP 24 2148 46.6s 37.40S 177.31E 138km M=3.8
0.7 0.04 0.03 9
Rsd 0.5s 11ph/9stn Dmin 90km Az.gap 167°
Corr. 0.516 3M/3stn Msd 0.1 2↑ 1↓

95/12823
SEP 25 0314 35.5s 41.73S 173.43E 58km M=4.3
0.2 0.01 0.01 3
Rsd 0.2s 31ph/22stn Dmin 37km Az.gap 80°
Corr. -0.188 17M/12stn Msd 0.3 2↑ 5↓
Felt Cook Strait area (68,76,77,78).

95/12834
SEP 25 1446 47.9s 36.55S 177.30E 280km M=3.6
0.4 0.08 0.04 6
Rsd 0.1s 6ph/3stn Dmin 190km Az.gap 329°
Corr. -0.076 3M/3stn Msd 0.1

95/12836
SEP 25 1746 03.6s 40.16S 175.08E 28km M=3.8
0.2 0.01 0.01 3
Rsd 0.3s 30ph/25stn Dmin 42km Az.gap 88°
Corr. 0.052 8M/4stn Msd 0.2 1↑
Felt lower North Island, maximum intensity MM4.

95/12860
SEP 26 1653 35.3s 44.23S 168.32E 5km M=5.3
0.3 0.02 0.01 R
Rsd 0.1s 16ph/12stn Dmin 58km Az.gap 173°
Corr. -0.826 22M/12stn Msd 0.3 2↑ 7↓
Felt central Otago, Milford Sound (120) and Dunedin (144), max. int. MM4.

95/12864
SEP 26 1947 16.7s 40.69S 173.75E 92km M=3.5
0.4 0.01 0.01 5
Rsd 0.3s 31ph/24stn Dmin 19km Az.gap 110°
Corr. -0.101 16M/14stn Msd 0.3 3↑ 3↓

95/12866
SEP 26 2058 51.0s 37.89S 179.28E 12km M=4.2
0.2 0.01 0.01 R
Rsd 0.1s 13ph/11stn Dmin 92km Az.gap 289°
Corr. 0.542 13M/12stn Msd 0.5 1↓

95/12867
SEP 26 2219 09.1s 35.44S 178.74E 254km M=3.7
2.4 0.35 0.34 18
Rsd 0.6s 6ph/4stn Dmin 296km Az.gap 343°
Corr. -0.795 3M/3stn Msd 0.2

95/12877
SEP 27 0238 52.6s 39.93S 175.21E 12km M=3.8
0.2 0.01 0.01 5
Rsd 0.4s 36ph/31stn Dmin 28km Az.gap 55°
Corr. 0.225 35M/29stn Msd 0.3 7↑ 1↓
Felt Wanganui (57) MM4.

95/13000
SEP 28 1338 42.4s 40.10S 174.93E 12km M=3.6
0.1 0.01 0.01 R
Rsd 0.3s 27ph/23stn Dmin 33km Az.gap 95°
Corr. -0.308 31M/26stn Msd 0.2 3↑ 1↓

95/13003
SEP 28 1616 27.3s 39.54S 174.46E 209km M=3.7
1.4 0.05 0.10 12
Rsd 0.4s 11ph/8stn Dmin 49km Az.gap 166°
Corr. 0.492 3M/3stn Msd 0.3 1↓

95/13040
SEP 29 0905 47.0s 40.37S 174.86E 41km M=3.5
0.2 0.01 0.01 13
Rsd 0.3s 26ph/24stn Dmin 64km Az.gap 86°
Corr. -0.217 15M/12stn Msd 0.2 1↓

95/13047
SEP 29 1118 35.5s 37.80S 176.36E 5km M=3.6
0.1 0.01 0.01 R
Rsd 0.4s 22ph/18stn Dmin 10km Az.gap 94°
Corr. 0.359 14M/11stn Msd 0.4 1↑ 1↓

95/13048
SEP 29 1228 49.8s 44.23S 168.32E 5km M=3.8
0.2 0.01 0.01 R
Rsd 0.1s 15ph/11stn Dmin 58km Az.gap 193°
Corr. -0.754 21M/15stn Msd 0.3

95/13049
SEP 29 1349 34.9s 38.63S 175.79E 143km M=3.7
0.5 0.02 0.02 4
Rsd 0.3s 20ph/18stn Dmin 46km Az.gap 83°
Corr. 0.006 10M/8stn Msd 0.2 2↑ 1↓

95/13051
SEP 29 1427 30.6s 38.64S 176.22E 135km M=3.5
0.4 0.03 0.04 3
Rsd 0.2s 8ph/4stn Dmin 88km Az.gap 217°
Corr. -0.870 2M/1stn Msd 0.2

95/13055
SEP 29 1633 12.5s 38.26S 175.82E 189km M=3.9
0.5 0.07 0.05 5
Rsd 0.2s 12ph/9stn Dmin 85km Az.gap 222°
Corr. -0.877 13M/12stn Msd 0.2

95/13066
SEP 30 0210 18.4s 45.13S 167.48E 118km M=3.7
0.4 0.02 0.02 3
Rsd 0.2s 18ph/14stn Dmin 46km Az.gap 181°
Corr. -0.304 19M/16stn Msd 0.2 1↑

95/13075
SEP 30 1109 19.3s 45.80S 167.28E 5km M=4.6
0.4 0.02 0.02 R
Rsd 0.2s 8ph/3stn Dmin 38km Az.gap 244°
Corr. 0.937 9M/7stn Msd 1.2 1↓

95/13076
SEP 30 1111 13.4s 36.65S 178.32E 12km M=3.7
0.5 0.03 0.03 R
Rsd 0.3s 10ph/7stn Dmin 105km Az.gap 274°
Corr. 0.706 4M/4stn Msd 0.6

95/13078
SEP 30 1317 14.8s 37.63S 179.43E 12km M=5.0
0.3 0.02 0.02 R
Rsd 0.2s 20ph/17stn Dmin 100km Az.gap 283°
Corr. 0.443 10M/6stn Msd 0.2 1↑ 1↓

95/13080
SEP 30 1334 44.5s 37.58S 179.43E 23km M=4.3
0.4 0.04 0.03 5
Rsd 0.1s 15ph/12stn Dmin 100km Az.gap 282°
Corr. 0.586 27M/24stn Msd 0.3

95/13087
SEP 30 1538 46.5s 44.21S 168.42E 5km M=3.8
0.5 0.03 0.02 R
Rsd 0.2s 14ph/11stn Dmin 65km Az.gap 189°
Corr. -0.709 22M/16stn Msd 0.3

95/13103
OCT 01 0508 35.3s 38.00S 176.82E 123km M=3.6
0.5 0.04 0.02 5
Rsd 0.3s 10ph/8stn Dmin 39km Az.gap 177°
Corr. 0.021 15M/14stn Msd 0.2 1↑ 1↓

95/13106
OCT 01 0629 20.4s 37.56S 179.32E 12km M=3.9
0.6 0.03 0.03 R
Rsd 0.2s 15ph/13stn Dmin 90km Az.gap 289°
Corr. 0.575 16M/15stn Msd 0.2 1↓

95/13115
OCT 01 1108 18.5s 38.35S 177.64E 65km M=4.1
0.1 0.01 0.01 2
Rsd 0.1s 30ph/26stn Dmin 45km Az.gap 70°
Corr. 0.268 29M/25stn Msd 0.2 1↑ 4↓

95/13122
OCT 01 1515 16.9s 37.91S 177.27E 58km M=3.7
0.2 0.02 0.01 3
Rsd 0.2s 19ph/13stn Dmin 42km Az.gap 80°
Corr. 0.103 6M/4stn Msd 0.2 1↓

95/13129
OCT 01 2225 51.7s 38.56S 175.35E 248km M=3.6
0.3 0.03 0.05 3
Rsd 0.2s 18ph/14stn Dmin 101km Az.gap 228°
Corr. -0.838 10M/10stn Msd 0.3

95/13131
OCT 01 2239 57.8s 43.02S 171.36E 5km M=4.9
0.0 0.00 0.00 R
Rsd 0.1s 15ph/10stn Dmin 51km Az.gap 111°
Corr. -0.242 26M/15stn Msd 0.2 3↑ 3↓
Felt Hokitika (91) and Arthur's Pass (93).

95/13133
OCT 01 2244 17.8s 38.33S 174.10E 28km M=3.9
0.4 0.01 0.02 4
Rsd 0.1s 14ph/11stn Dmin 112km Az.gap 208°
Corr. -0.329 8M/5stn Msd 0.2

95/13134
OCT 01 2253 06.6s 41.77S 172.88E 82km M=4.5
0.3 0.02 0.01 3
Rsd 0.3s 28ph/23stn Dmin 2km Az.gap 94°
Corr. -0.296 28M/22stn Msd 0.2 3↑ 2↓

95/13137
OCT 02 0013 14.0s 43.01S 171.36E 5km M=3.5
0.1 0.01 0.01 R
Rsd 0.2s 17ph/14stn Dmin 52km Az.gap 113°
Corr. -0.324 27M/23stn Msd 0.3 1↑ 1↓

95/13140
OCT 02 0048 06.2s 39.32S 174.91E 135km M=4.3
0.3 0.01 0.02 2
Rsd 0.3s 46ph/37stn Dmin 46km Az.gap 129°
Corr. -0.179 29M/24stn Msd 0.2 10↑ 2↓

95/13156
OCT 02 1304 56.5s 37.43S 178.37E 49km M=4.0
0.5 0.02 0.03 4
Rsd 0.2s 16ph/13stn Dmin 20km Az.gap 250°
Corr. 0.575 19M/17stn Msd 0.2 1↑ 2↓

95/13162
OCT 02 1603 20.4s 39.91S 175.17E 12km M=2.9
0.1 0.01 0.01 R
Rsd 0.4s 41ph/31stn Dmin 24km Az.gap 73°
Corr. -0.419 12M/7stn Msd 0.1 2↑
Felt Wanganui (57) MM4.

95/13183
OCT 03 0938 13.7s 38.05S 176.39E 153km M=3.7
0.6 0.03 0.02 5
Rsd 0.3s 20ph/17stn Dmin 67km Az.gap 148°
Corr. -0.412 20M/20stn Msd 0.2 1↑

95/13194
OCT 03 1526 59.7s 39.65S 174.29E 198km M=4.6
0.3 0.01 0.02 3
Rsd 0.3s 50ph/41stn Dmin 47km Az.gap 97°
Corr. -0.334 8M/4stn Msd 0.2 14↑ 7↓

95/13228
OCT 04 1125 43.5s 41.40S 172.37E 5km M=3.6
0.4 0.03 0.01 R
Rsd 0.3s 21ph/17stn Dmin 60km Az.gap 163°
Corr. -0.319 21M/20stn Msd 0.2 1↑ 1↓

95/13231
OCT 04 1345 31.5s 35.58S 178.30E 245km M=3.9
1.5 0.21 0.22 13
Rsd 0.4s 8ph/6stn Dmin 224km Az.gap 338°
Corr. -0.759 4M/4stn Msd 0.2

95/13243
OCT 05 0047 54.7s 45.02S 170.44E 12km M=3.5
0.1 0.02 0.01 R
Rsd 0.2s 17ph/14stn Dmin 17km Az.gap 143°
Corr. 0.049 19M/16stn Msd 0.2 1↑ 5↓

95/13245
OCT 05 0227 47.1s 38.16S 176.40E 137km M=3.9
0.6 0.03 0.02 6
Rsd 0.3s 18ph/17stn Dmin 63km Az.gap 136°
Corr. 0.057 18M/17stn Msd 0.2 4↑ 1↓

95/13266
OCT 05 1631 25.9s 39.89S 174.74E 102km M=3.7
0.2 0.01 0.01 3
Rsd 0.2s 48ph/38stn Dmin 19km Az.gap 82°
Corr. -0.074 24M/21stn Msd 0.3 4↑ 3↓

95/13285
OCT 06 0448 47.9s 41.77S 174.35E 26km M=4.0
0.1 0.01 0.00 1
Rsd 0.1s 24ph/18stn Dmin 40km Az.gap 149°
Corr. -0.648 9M/5stn Msd 0.2 1↑ 1↓

95/13286
OCT 06 0513 29.5s 38.72S 175.80E 123km M=3.6
0.3 0.01 0.01 3
Rsd 0.2s 21ph/18stn Dmin 51km Az.gap 136°
Corr. -0.043 20M/18stn Msd 0.2 1↑

95/13287
OCT 06 0616 33.2s 36.00S 178.42E 158km M=3.7
2.5 0.23 0.16 21
Rsd 0.5s 5ph/4stn Dmin 177km Az.gap 339°
Corr. -0.571 3M/3stn Msd 0.2

95/13314
OCT 06 2348 09.5s 38.53S 175.68E 173km M=4.7
0.3 0.02 0.01 2
Rsd 0.2s 49ph/39stn Dmin 53km Az.gap 61°
Corr. 0.010 8M/4stn Msd 0.2 14↑ 11↓

95/13406
OCT 07 2031 40.3s 40.93S 176.72E 25km M=3.8
0.3 0.01 0.02 3
Rsd 0.2s 21ph/16stn Dmin 51km Az.gap 216°
Corr. -0.666 18M/9stn Msd 0.2 1↓

95/13440
OCT 08 2244 47.5s 37.67S 176.25E 182km M=3.6
0.6 0.04 0.04 3
Rsd 0.2s 12ph/11stn Dmin 100km Az.gap 238°
Corr. -0.647 17M/17stn Msd 0.2 1↑

95/13479
OCT 09 1328 17.5s 38.23S 176.08E 161km M=3.9
0.8 0.05 0.04 6
Rsd 0.3s 12ph/10stn Dmin 90km Az.gap 251°
Corr. -0.332 6M/6stn Msd 0.2 2↑ 1↓

95/13480
OCT 09 1451 08.0s 38.61S 175.40E 233km M=4.4
0.4 0.03 0.02 3
Rsd 0.3s 37ph/29stn Dmin 49km Az.gap 90°
Corr. -0.208 29M/25stn Msd 0.3 8↑ 5↓

95/13482
OCT 09 1838 05.0s 40.06S 176.71E 54km M=4.3
0.2 0.01 0.01 4
Rsd 0.3s 47ph/37stn Dmin 47km Az.gap 164°
Corr. -0.262 25M/20stn Msd 0.2 4↑ 1↓

95/13487
OCT 10 0217 26.1s 39.04S 175.77E 12km M=2.3
0.3 0.01 0.02 R
Rsd 0.2s 11ph/7stn Dmin 21km Az.gap 232°
Corr. 0.710 11M/5stn Msd 0.2 1↑
Felt Motuoapa (40) MM3.

95/13491
OCT 10 0509 19.3s 38.10S 176.60E 5km M=3.9
0.1 0.01 0.01 R
Rsd 0.2s 24ph/22stn Dmin 9km Az.gap 60°
Corr. -0.108 9M/5stn Msd 0.2 1↑

95/13515
OCT 11 0511 01.2s 39.02S 175.75E 5km M=3.9
0.1 0.01 0.01 R
Rsd 0.3s 39ph/30stn Dmin 22km Az.gap 71°
Corr. -0.002 24M/12stn Msd 0.2 1↑
Felt Motuoapa (40) MM4 and Turangi (40).

95/13517
OCT 11 0745 58.2s 37.02S 177.56E 146km M=3.8
0.5 0.03 0.01 5
Rsd 0.1s 5ph/4stn Dmin 92km Az.gap 254°
Corr. 0.505 3M/3stn Msd 0.2 1↑

95/13518
OCT 11 0843 59.8s 42.03S 174.02E 18km M=3.6
0.2 0.01 0.01 3
Rsd 0.3s 29ph/20stn Dmin 37km Az.gap 149°
Corr. -0.561 31M/25stn Msd 0.2 1↓

95/13535
OCT 12 0033 57.2s 35.81S 177.78E 228km M=4.3
1.4 0.13 0.19 22
Rsd 0.4s 8ph/5stn Dmin 204km Az.gap 323°
Corr. -0.739 3M/3stn Msd 0.2

95/13541
OCT 12 1220 45.0s 37.91S 179.35E 12km M=5.0
0.5 0.02 0.03 R
Rsd 0.2s 21ph/19stn Dmin 98km Az.gap 280°
Corr. 0.592 19M/10stn Msd 0.1 1↑ 3↓

95/13543
OCT 12 1233 03.6s 37.93S 179.12E 12km M=4.5
0.8 0.02 0.05 R
Rsd 0.3s 13ph/12stn Dmin 78km Az.gap 276°
Corr. 0.284 11M/6stn Msd 0.2 1↑ 1↓

95/13548
OCT 12 1337 31.5s 37.90S 179.37E 12km M=4.9
0.3 0.01 0.02 R
Rsd 0.1s 26ph/21stn Dmin 100km Az.gap 280°
Corr. 0.422 16M/10stn Msd 0.1 1↑ 1↓

95/13550
OCT 12 1349 17.0s 37.94S 179.15E 12km M=3.6
0.9 0.03 0.06 R
Rsd 0.4s 7ph/4stn Dmin 80km Az.gap 295°
Corr. 0.264 5M/5stn Msd 0.2 1↑ 1↓

95/13554
OCT 12 1358 14.9s 37.95S 179.33E 12km M=3.8
0.9 0.04 0.05 R
Rsd 0.3s 6ph/4stn Dmin 95km Az.gap 303°
Corr. -0.110 4M/4stn Msd 0.3 1↓

95/13555
OCT 12 1419 00.9s 37.92S 179.36E 12km M=3.5
1.1 0.05 0.07 R
Rsd 0.5s 6ph/5stn Dmin 98km Az.gap 295°
Corr. 0.215 3M/3stn Msd 0.5

95/13557
OCT 12 1432 09.7s 37.93S 179.29E 12km M=3.6
0.2 0.01 0.01 R
Rsd 0.1s 4ph/3stn Dmin 92km Az.gap 302°
Corr. 0.235 2M/2stn Msd 0.0 1↑ 1↓

95/13559
OCT 12 1528 29.8s 37.96S 179.13E 12km M=3.9
0.8 0.03 0.05 R
Rsd 0.4s 12ph/10stn Dmin 77km Az.gap 280°
Corr. 0.621 12M/10stn Msd 0.1 1↓

95/13562
OCT 12 1537 37.3s 37.95S 179.11E 12km M=4.8
0.3 0.01 0.02 R
Rsd 0.1s 14ph/13stn Dmin 76km Az.gap 278°
Corr. 0.295 23M/13stn Msd 0.2 1↑ 1↓

95/13565
OCT 12 1601 34.9s 37.93S 179.05E 12km M=3.6
1.1 0.04 0.07 R
Rsd 0.5s 5ph/4stn Dmin 71km Az.gap 290°
Corr. 0.126 6M/5stn Msd 0.3 1↑ 1↓

95/13566
OCT 12 1604 23.7s 37.99S 179.14E 12km M=4.7
0.4 0.02 0.02 R
Rsd 0.2s 14ph/13stn Dmin 78km Az.gap 277°
Corr. 0.246 18M/10stn Msd 0.1 2↑ 2↓

95/13569
OCT 12 1620 33.4s 37.95S 179.30E 12km M=4.2
0.3 0.01 0.02 R
Rsd 0.1s 14ph/11stn Dmin 92km Az.gap 280°
Corr. 0.421 21M/17stn Msd 0.2 1↓

95/13571
OCT 12 1627 55.5s 37.89S 179.34E 17km M=4.3
0.5 0.02 0.02 3
Rsd 0.1s 15ph/13stn Dmin 97km Az.gap 281°
Corr. -0.427 35M/29stn Msd 0.2

95/13576
OCT 12 1644 55.4s 37.92S 179.47E 12km M=3.7
0.7 0.02 0.04 R
Rsd 0.2s 5ph/4stn Dmin 108km Az.gap 309°
Corr. 0.359 6M/5stn Msd 0.4 1↓

95/13583
OCT 12 1746 15.2s 37.93S 179.13E 12km M=4.6
0.5 0.02 0.03 R
Rsd 0.2s 15ph/13stn Dmin 78km Az.gap 277°
Corr. 0.406 15M/8stn Msd 0.1 1↑ 3↓

95/13588
OCT 12 1938 38.6s 37.95S 179.30E 12km M=4.0
0.2 0.01 0.01 R
Rsd 0.1s 13ph/12stn Dmin 93km Az.gap 281°
Corr. 0.313 34M/30stn Msd 0.2 1↑ 1↓

95/13593
OCT 12 2103 49.4s 37.96S 179.10E 12km M=3.5
0.8 0.03 0.05 R
Rsd 0.4s 7ph/5stn Dmin 75km Az.gap 293°
Corr. -0.130 6M/6stn Msd 0.2 1↓

95/13594
OCT 12 2151 20.3s 36.90S 177.05E 192km M=4.2
1.2 0.04 0.04 13
Rsd 0.3s 18ph/17stn Dmin 136km Az.gap 185°
Corr. 0.367 25M/23stn Msd 0.1

95/13605
OCT 13 0720 44.6s 37.93S 179.38E 12km M=3.8
0.5 0.02 0.03 R
Rsd 0.2s 11ph/10stn Dmin 100km Az.gap 290°
Corr. 0.481 12M/11stn Msd 0.2 1↓

95/13610
OCT 13 0805 10.7s 40.91S 175.67E 27km M=3.6
0.1 0.01 0.01 2
Rsd 0.3s 32ph/29stn Dmin 29km Az.gap 112°
Corr. -0.493 14M/8stn Msd 0.2 4↑ 2↓

95/13612
OCT 13 0908 10.8s 37.94S 179.22E 12km M=4.1
0.4 0.01 0.03 R
Rsd 0.1s 16ph/15stn Dmin 86km Az.gap 282°
Corr. 0.370 31M/29stn Msd 0.1 1↑ 1↓

95/13619
OCT 13 1034 20.7s 37.93S 179.54E 12km M=3.9
0.9 0.02 0.06 R
Rsd 0.1s 10ph/9stn Dmin 114km Az.gap 294°
Corr. 0.681 14M/13stn Msd 0.2 1↓

95/13621
OCT 13 1142 18.7s 37.95S 179.03E 33km M=3.7
2.4 0.05 0.19 R
Rsd 0.7s 10ph/9stn Dmin 69km Az.gap 277°
Corr. 0.271 8M/8stn Msd 0.3 1↑ 1↓

95/13625
OCT 13 1531 46.2s 36.05S 178.53E 152km M=3.9
1.2 0.10 0.07 15
Rsd 0.3s 9ph/8stn Dmin 174km Az.gap 315°
Corr. 0.340 7M/7stn Msd 0.2

95/13641
OCT 14 0625 33.5s 41.56S 174.14E 32km M=4.4
0.1 0.01 0.01 1
Rsd 0.2s 29ph/22stn Dmin 28km Az.gap 126°
Corr. -0.649 22M/11stn Msd 0.2 3↑ 11↓

95/13646
OCT 14 0756 13.2s 37.99S 179.23E 12km M=4.2
0.5 0.02 0.03 R
Rsd 0.2s 16ph/15stn Dmin 86km Az.gap 279°
Corr. 0.445 23M/21stn Msd 0.2 1↑ 1↓

95/13649
OCT 14 0818 09.8s 39.10S 175.27E 152km M=3.9
0.6 0.02 0.02 4
Rsd 0.2s 26ph/23stn Dmin 12km Az.gap 206°
Corr. -0.370 26M/24stn Msd 0.2 4↑ 1↓

95/13659
OCT 14 1536 29.8s 37.99S 179.13E 12km M=4.5
0.4 0.02 0.03 R
Rsd 0.1s 17ph/15stn Dmin 77km Az.gap 279°
Corr. 0.230 37M/34stn Msd 0.2 1↑

95/13660
OCT 14 1543 13.2s 37.95S 179.27E 12km M=4.0
0.1 0.01 0.01 R
Rsd 0.1s 11ph/9stn Dmin 90km Az.gap 282°
Corr. 0.465 10M/9stn Msd 0.2 1↑ 1↓

95/13666
OCT 15 0247 42.1s 37.93S 177.56E 80km M=3.9
0.7 0.03 0.05 11
Rsd 0.3s 10ph/5stn Dmin 63km Az.gap 198°
Corr. -0.498 7M/5stn Msd 0.1
Depth uncertain.

95/13667
OCT 15 0417 31.6s 38.01S 179.00E 12km M=3.9
1.0 0.03 0.07 R
Rsd 0.4s 9ph/7stn Dmin 65km Az.gap 271°
Corr. -0.186 10M/8stn Msd 0.2 1↑

95/13670
OCT 15 0640 34.1s 37.62S 179.65E 12km M=4.4
0.8 0.03 0.05 R
Rsd 0.1s 18ph/17stn Dmin 119km Az.gap 284°
Corr. 0.861 38M/34stn Msd 0.2 1↓

95/13675
OCT 15 1158 13.7s 37.93S 179.17E 12km M=3.8
0.8 0.02 0.05 R
Rsd 0.3s 4ph/3stn Dmin 82km Az.gap 297°
Corr. 0.260 3M/3stn Msd 0.3 1↓

95/13684
OCT 16 0109 26.5s 40.32S 173.60E 193km M=3.9
0.5 0.03 0.02 5
Rsd 0.2s 30ph/24stn Dmin 60km Az.gap 185°
Corr. -0.449 21M/17stn Msd 0.3 3↑ 1↓

95/13687
OCT 16 0616 49.5s 37.98S 176.26E 191km M=4.0
0.6 0.02 0.02 5
Rsd 0.2s 19ph/16stn Dmin 60km Az.gap 155°
Corr. -0.005 20M/19stn Msd 0.2 1↑

95/13688
OCT 16 0702 02.1s 37.03S 176.72E 237km M=3.6
1.0 0.11 0.11 11
Rsd 0.3s 8ph/6stn Dmin 154km Az.gap 277°
Corr. -0.887 3M/3stn Msd 0.3

95/13694
OCT 16 1313 47.0s 39.50S 177.63E 37km M=3.5
0.3 0.01 0.02 9
Rsd 0.3s 18ph/15stn Dmin 41km Az.gap 188°
Corr. -0.238 9M/9stn Msd 0.3 1↑ 1↓

95/13704
OCT 17 0618 55.6s 47.48S 165.35E 33km M=4.9
0.5 0.03 0.03 R
Rsd 0.2s 15ph/13stn Dmin 222km Az.gap 319°
Corr. 0.481 10M/5stn Msd 0.2 1↑ 2↓

95/13706
OCT 17 0711 22.8s 47.48S 165.76E 12km M=4.6
1.1 0.06 0.06 R
Rsd 0.6s 20ph/14stn Dmin 192km Az.gap 316°
Corr. 0.249 10M/5stn Msd 0.1 1↑ 1↓

95/13717
OCT 17 1239 11.4s 36.18S 179.83W 12km M=4.4
0.7 0.03 0.05 R
Rsd 0.2s 10ph/9stn Dmin 229km Az.gap 314°
Corr. 0.558 11M/9stn Msd 0.4

95/13738
OCT 18 0016 04.1s 45.78S 167.24E 12km M=3.7
0.3 0.01 0.02 R
Rsd 0.3s 22ph/14stn Dmin 36km Az.gap 198°
Corr. 0.543 8M/4stn Msd 0.2

95/13741
OCT 18 0419 24.1s 35.88S 178.36E 182km M=4.1
0.2 0.03 0.02 6
Rsd 0.1s 10ph/8stn Dmin 191km Az.gap 295°
Corr. 0.815 10M/8stn Msd 0.2

95/13743
OCT 18 0705 12.3s 37.15S 176.65E 252km M=3.8
0.1 0.01 0.01 1
Rsd 0.0s 7ph/5stn Dmin 130km Az.gap 272°
Corr. -0.854 4M/4stn Msd 0.1

95/13759
OCT 18 1758 03.8s 38.77S 175.42E 225km M=3.7
1.7 0.11 0.10 14
Rsd 0.7s 10ph/7stn Dmin 49km Az.gap 218°
Corr. -0.761 3M/3stn Msd 0.1 1↑

95/13761
OCT 18 1815 12.4s 38.70S 176.07E 174km M=3.7
0.3 0.03 0.04 3
Rsd 0.2s 10ph/7stn Dmin 64km Az.gap 200°
Corr. -0.873 5M/3stn Msd 0.1 2↑ 1↓

95/13768
OCT 18 2322 43.6s 36.13S 179.25E 170km M=3.9
0.8 0.16 0.10 23
Rsd 0.1s 5ph/3stn Dmin 233km Az.gap 343°
Corr. 0.328 3M/3stn Msd 0.3

95/13769
OCT 18 2349 35.4s 39.48S 174.55E 243km M=4.1
0.4 0.02 0.05 4
Rsd 0.2s 30ph/24stn Dmin 49km Az.gap 195°
Corr. -0.434 24M/22stn Msd 0.2 2↑ 4↓

95/13776
OCT 19 0425 28.1s 43.64S 168.41E 5km M=3.7
0.6 0.03 0.03 R
Rsd 0.2s 16ph/13stn Dmin 121km Az.gap 208°
Corr. -0.844 22M/18stn Msd 0.3

95/13789
OCT 19 1054 25.6s 36.75S 177.61E 213km M=3.6
2.1 0.24 0.14 14
Rsd 0.6s 5ph/4stn Dmin 173km Az.gap 322°
Corr. -0.389 2M/2stn Msd 0.1

95/13803
OCT 19 2137 27.5s 38.19S 178.25E 12km M=3.5
0.2 0.01 0.02 R
Rsd 0.3s 13ph/10stn Dmin 13km Az.gap 197°
Corr. -0.435 13M/11stn Msd 0.2 1↑ 2↓

95/13811
OCT 20 0109 55.3s 41.55S 174.12E 37km M=3.6
0.1 0.01 0.01 2
Rsd 0.2s 28ph/20stn Dmin 23km Az.gap 77°
Corr. -0.601 19M/14stn Msd 0.1 2↑ 7↓

95/13814
OCT 20 0254 23.1s 37.54S 177.19E 12km M=3.6
0.3 0.02 0.02 R
Rsd 0.4s 15ph/13stn Dmin 1km Az.gap 110°
Corr. -0.079 21M/19stn Msd 0.2 1↑ 1↓

95/13844
OCT 21 0006 10.2s 37.01S 177.60E 233km M=3.8
2.1 0.18 0.12 15
Rsd 1.0s 7ph/5stn Dmin 91km Az.gap 256°
Corr. -0.147 3M/3stn Msd 0.1

95/13847
OCT 21 0123 03.7s 38.02S 179.21E 12km M=3.8
1.2 0.04 0.09 R
Rsd 0.5s 11ph/9stn Dmin 84km Az.gap 280°
Corr. 0.153 10M/10stn Msd 0.4 1↑ 1↓

95/13851
OCT 21 0327 58.2s 38.71S 175.83E 120km M=3.7
0.3 0.01 0.01 3
Rsd 0.2s 26ph/20stn Dmin 41km Az.gap 82°
Corr. -0.297 18M/16stn Msd 0.3 5↑ 4↓

95/13853
OCT 21 0424 52.3s 37.49S 178.80E 33km M=3.7
0.3 0.01 0.02 R
Rsd 0.1s 13ph/10stn Dmin 45km Az.gap 282°
Corr. 0.491 9M/9stn Msd 0.4

95/13859
OCT 21 0753 22.3s 37.48S 179.27E 12km M=3.7
0.5 0.02 0.03 R
Rsd 0.2s 13ph/11stn Dmin 87km Az.gap 281°
Corr. 0.111 14M/12stn Msd 0.2

95/13866
OCT 21 1129 41.3s 40.50S 173.47E 133km M=4.0
0.3 0.01 0.01 4
Rsd 0.2s 43ph/36stn Dmin 50km Az.gap 152°
Corr. -0.056 25M/22stn Msd 0.2 7↑ 2↓

95/13872
OCT 21 1319 13.5s 40.06S 176.74E 43km M=3.5
0.2 0.01 0.01 4
Rsd 0.3s 38ph/30stn Dmin 10km Az.gap 165°
Corr. -0.264 22M/20stn Msd 0.2 4↑ 1↓

95/13913
OCT 22 1145 07.4s 40.15S 174.33E 104km M=3.6
0.2 0.01 0.01 2
Rsd 0.2s 45ph/34stn Dmin 64km Az.gap 110°
Corr. -0.112 18M/16stn Msd 0.3 2↑ 4↓

95/13986
OCT 24 0846 58.8s 41.27S 172.60E 212km M=3.7
0.4 0.02 0.02 3
Rsd 0.2s 24ph/20stn Dmin 61km Az.gap 177°
Corr. -0.290 15M/15stn Msd 0.2 7↑ 3↓

95/13991
OCT 24 1228 08.6s 36.55S 177.28E 241km M=4.0
0.7 0.08 0.06 6
Rsd 0.2s 10ph/8stn Dmin 148km Az.gap 284°
Corr. -0.589 8M/8stn Msd 0.3

95/13995
OCT 24 1424 55.3s 37.66S 176.36E 206km M=3.5
0.5 0.05 0.07 4
Rsd 0.2s 14ph/11stn Dmin 94km Az.gap 267°
Corr. -0.811 11M/11stn Msd 0.2

95/14012
OCT 24 2124 07.7s 37.34S 179.34E 12km M=3.8
0.2 0.02 0.02 R
Rsd 0.1s 11ph/8stn Dmin 96km Az.gap 296°
Corr. -0.207 13M/11stn Msd 0.4

95/14045
OCT 25 0842 27.0s 35.89S 179.72E 12km M=4.1
1.3 0.09 0.10 R
Rsd 0.4s 10ph/8stn Dmin 228km Az.gap 328°
Corr. -0.198 20M/20stn Msd 0.3 1↑

95/14085
OCT 26 0141 03.1s 44.60S 168.16E 81km M=4.0
0.4 0.02 0.01 4
Rsd 0.3s 25ph/16stn Dmin 20km Az.gap 158°
Corr. -0.227 10M/5stn Msd 0.1 1↑ 8↓

95/14086
OCT 26 0219 12.6s 35.86S 179.25E 96km M=4.6
0.7 0.04 0.04 9
Rsd 0.2s 15ph/12stn Dmin 210km Az.gap 307°
Corr. 0.299 11M/7stn Msd 0.2

95/14125
OCT 27 0354 35.5s 38.26S 176.81E 166km M=3.9
0.4 0.03 0.24 15
Rsd 0.1s 8ph/6stn Dmin 138km Az.gap 334°
Corr. -0.885 2M/1stn Msd 0.0

95/14131
OCT 27 0543 37.2s 41.54S 174.10E 35km M=3.6
0.1 0.01 0.01 1
Rsd 0.2s 26ph/20stn Dmin 24km Az.gap 74°
Corr. -0.153 21M/16stn Msd 0.2 3↑ 3↓

95/14161
OCT 27 1947 38.4s 38.35S 176.27E 165km M=3.5
0.8 0.05 0.04 6
Rsd 0.2s 10ph/8stn Dmin 74km Az.gap 227°
Corr. -0.519 12M/12stn Msd 0.4 1↓

95/14206
OCT 28 1426 02.3s 36.69S 177.68E 172km M=4.0
0.5 0.03 0.03 6
Rsd 0.2s 8ph/5stn Dmin 115km Az.gap 245°
Corr. 0.589 6M/5stn Msd 0.3 1↓

95/14211
OCT 28 1623 31.7s 39.60S 174.28E 187km M=5.0
0.3 0.01 0.01 3
Rsd 0.2s 53ph/44stn Dmin 33km Az.gap 93°
Corr. -0.151 8M/4stn Msd 0.4 9↑ 18↓
Felt Marton (61) MM4.

95/14221
OCT 28 2224 33.0s 38.74S 175.14E 198km M=3.7
0.6 0.04 0.06 4
Rsd 0.2s 10ph/6stn Dmin 91km Az.gap 207°
Corr. -0.669 15M/15stn Msd 0.2

95/14244
OCT 29 1108 20.3s 41.30S 174.55E 32km M=3.2
0.1 0.01 0.01 1
Rsd 0.2s 28ph/21stn Dmin 15km Az.gap 95°
Corr. -0.583 27M/24stn Msd 0.2 5↑ 4↓
Felt Wellington (68).

95/14251
OCT 29 1404 50.2s 36.23S 177.95E 189km M=5.0
0.5 0.03 0.02 4
Rsd 0.2s 35ph/30stn Dmin 156km Az.gap 243°
Corr. 0.603 29M/25stn Msd 0.3 1↑ 2↓

95/14257
OCT 29 1927 32.1s 40.59S 173.44E 158km M=3.7
0.3 0.01 0.01 3
Rsd 0.2s 40ph/32stn Dmin 47km Az.gap 150°
Corr. -0.195 18M/17stn Msd 0.3 2↑ 3↓

95/14285
OCT 30 1820 56.4s 37.65S 179.42E 12km M=3.6
0.4 0.02 0.02 R
Rsd 0.1s 7ph/4stn Dmin 99km Az.gap 315°
Corr. 0.523 4M/4stn Msd 0.3

95/14288
OCT 30 2144 45.3s 36.58S 177.28E 287km M=3.7
0.6 0.08 0.08 3
Rsd 0.1s 5ph/4stn Dmin 187km Az.gap 308°
Corr. -0.831 4M/4stn Msd 0.1

95/14292
OCT 30 2310 35.7s 37.75S 179.34E 12km M=3.6
1.0 0.04 0.06 R
Rsd 0.3s 5ph/4stn Dmin 93km Az.gap 309°
Corr. 0.479 5M/5stn Msd 0.5 1↓

95/14294
OCT 31 0031 06.2s 38.60S 175.37E 215km M=4.5
0.4 0.03 0.03 3
Rsd 0.3s 35ph/26stn Dmin 47km Az.gap 62°
Corr. -0.125 29M/25stn Msd 0.2 7↑ 3↓

95/14296
OCT 31 0033 38.8s 37.19S 177.54E 127km M=4.0
0.3 0.02 0.01 3
Rsd 0.1s 16ph/15stn Dmin 82km Az.gap 238°
Corr. 0.233 13M/11stn Msd 0.2 1↑ 1↓

95/14298
OCT 31 0205 25.4s 37.73S 179.43E 12km M=4.0
0.4 0.02 0.03 R
Rsd 0.1s 15ph/11stn Dmin 101km Az.gap 292°
Corr. 0.503 23M/19stn Msd 0.4 1↓

95/14301
OCT 31 0342 45.7s 39.79S 176.99E 46km M=3.7
0.2 0.01 0.01 2
Rsd 0.3s 36ph/29stn Dmin 17km Az.gap 176°
Corr. -0.454 13M/11stn Msd 0.3 3↑ 2↓

95/14302
OCT 31 0421 58.1s 39.17S 177.95E 59km M=3.6
0.2 0.01 0.01 2
Rsd 0.2s 24ph/19stn Dmin 6km Az.gap 207°
Corr. -0.580 20M/17stn Msd 0.3 2↑ 3↓

95/14304
OCT 31 0522 15.4s 37.01S 176.36E 332km M=4.1
0.6 0.08 0.07 5
Rsd 0.2s 12ph/9stn Dmin 154km Az.gap 257°
Corr. -0.746 14M/13stn Msd 0.3 1↑

95/14309
OCT 31 0938 02.8s 37.71S 179.39E 12km M=3.5
0.8 0.03 0.05 R
Rsd 0.2s 6ph/4stn Dmin 97km Az.gap 312°
Corr. 0.411 4M/4stn Msd 0.6 1↑ 1↓

95/14313
OCT 31 1049 20.2s 37.68S 179.45E 12km M=3.7
0.6 0.03 0.04 R
Rsd 0.3s 7ph/5stn Dmin 102km Az.gap 304°
Corr. -0.070 5M/5stn Msd 0.5 1↑

95/14322
OCT 31 1706 56.6s 37.72S 176.75E 174km M=4.6
0.4 0.02 0.01 3
Rsd 0.2s 42ph/32stn Dmin 31km Az.gap 103°
Corr. 0.130 27M/23stn Msd 0.3 12↑ 1↓

95/14345
NOV 01 0253 52.8s 37.99S 176.37E 148km M=3.5
0.6 0.02 0.04 5
Rsd 0.3s 14ph/12stn Dmin 71km Az.gap 124°
Corr. -0.060 4M/4stn Msd 0.4 1↑

95/14347
NOV 01 0324 02.3s 36.59S 178.22E 12km M=3.8
0.6 0.04 0.03 R
Rsd 0.2s 7ph/6stn Dmin 112km Az.gap 314°
Corr. 0.109 8M/6stn Msd 0.2

95/14351
NOV 01 0627 13.7s 37.64S 179.51E 12km M=4.0
1.2 0.05 0.07 R
Rsd 0.4s 15ph/13stn Dmin 107km Az.gap 294°
Corr. 0.513 28M/23stn Msd 0.2 1↓

95/14352
NOV 01 0629 45.2s 37.78S 179.35E 12km M=3.7
0.8 0.03 0.05 R
Rsd 0.2s 10ph/7stn Dmin 95km Az.gap 302°
Corr. 0.368 9M/7stn Msd 0.3 1↓

95/14359
NOV 01 1254 20.9s 44.41S 168.17E 12km M=3.5
0.4 0.03 0.01 R
Rsd 0.1s 14ph/13stn Dmin 35km Az.gap 192°
Corr. -0.756 9M/5stn Msd 0.1 1↓

95/14372
NOV 01 1917 25.5s 38.28S 176.04E 147km M=3.8
0.6 0.03 0.02 5
Rsd 0.3s 19ph/17stn Dmin 91km Az.gap 216°
Corr. -0.580 17M/14stn Msd 0.2 1↑

95/14373
NOV 01 1926 13.6s 40.60S 174.27E 69km M=3.9
0.2 0.01 0.01 5
Rsd 0.3s 43ph/37stn Dmin 37km Az.gap 110°
Corr. -0.094 22M/19stn Msd 0.1

95/14374
NOV 01 1928 36.8s 41.31S 173.42E 97km M=3.8
0.3 0.02 0.01 3
Rsd 0.3s 31ph/23stn Dmin 38km Az.gap 121°
Corr. -0.588 18M/13stn Msd 0.2 5↑ 3↓

95/14380
NOV 01 2330 46.3s 38.14S 176.14E 171km M=5.2
0.3 0.02 0.01 2
Rsd 0.2s 47ph/38stn Dmin 6km Az.gap 84°
Corr. -0.222 8M/4stn Msd 0.3 12↑ 2↓

95/14382
NOV 02 0030 33.8s 37.68S 179.49E 12km M=4.7
0.2 0.02 0.01 R
Rsd 0.1s 15ph/11stn Dmin 106km Az.gap 281°
Corr. 0.215 14M/7stn Msd 0.2 1↑ 1↓

95/14384
NOV 02 0117 59.0s 37.75S 179.43E 12km M=3.8
0.5 0.02 0.03 R
Rsd 0.1s 15ph/13stn Dmin 101km Az.gap 301°
Corr. 0.673 14M/11stn Msd 0.3 1↓

95/14401
NOV 02 0647 22.5s 36.85S 177.29E 169km M=3.7
0.2 0.03 0.02 3
Rsd 0.1s 11ph/8stn Dmin 123km Az.gap 281°
Corr. -0.414 7M/7stn Msd 0.3 1↓

95/14407
NOV 02 0828 17.8s 40.62S 173.18E 154km M=3.8
0.3 0.01 0.01 3
Rsd 0.2s 36ph/27stn Dmin 66km Az.gap 162°
Corr. -0.286 19M/18stn Msd 0.2 2↑ 4↓

95/14422
NOV 02 1433 37.8s 37.75S 179.30E 12km M=4.2
0.6 0.03 0.04 R
Rsd 0.3s 21ph/18stn Dmin 90km Az.gap 285°
Corr. 0.248 51M/45stn Msd 0.2

95/14468
NOV 03 0958 43.2s 37.29S 177.40E 134km M=3.6
0.2 0.02 0.01 2
Rsd 0.1s 14ph/11stn Dmin 87km Az.gap 227°
Corr. -0.127 6M/5stn Msd 0.1 1↑

95/14478
NOV 03 1647 49.1s 35.87S 179.00E 273km M=3.8
0.9 0.15 0.19 7
Rsd 0.3s 7ph/6stn Dmin 202km Az.gap 340°
Corr. -0.779 4M/4stn Msd 0.2

95/14479
NOV 03 1658 46.5s 45.06S 167.44E 119km M=4.1
0.3 0.01 0.02 2
Rsd 0.2s 19ph/12stn Dmin 51km Az.gap 196°
Corr. -0.440 23M/16stn Msd 0.2 4↑ 6↓

95/14487
NOV 03 2027 22.9s 37.60S 177.39E 113km M=3.8
0.2 0.01 0.01 2
Rsd 0.1s 12ph/11stn Dmin 77km Az.gap 191°
Corr. -0.105 11M/9stn Msd 0.2 2↑ 3↓

95/14490
NOV 03 2249 19.3s 37.07S 177.49E 143km M=4.3
0.4 0.03 0.02 5
Rsd 0.2s 18ph/17stn Dmin 58km Az.gap 208°
Corr. 0.262 26M/22stn Msd 0.1 1↓

95/14494
NOV 04 0454 59.8s 39.71S 174.07E 125km M=3.7
0.3 0.01 0.02 4
Rsd 0.1s 13ph/9stn Dmin 75km Az.gap 166°
Corr. -0.616 1M/1stn Msd 0.0 1↓

95/14504
NOV 04 1829 27.4s 38.71S 176.07E 89km M=3.5
0.2 0.01 0.01 2
Rsd 0.2s 30ph/23stn Dmin 56km Az.gap 138°
Corr. -0.429 10M/9stn Msd 0.2 3↑ 1↓

95/14510
NOV 04 2059 01.4s 38.17S 178.03E 68km M=4.7
0.2 0.01 0.01 2
Rsd 0.1s 35ph/30stn Dmin 23km Az.gap 117°
Corr. 0.404 31M/25stn Msd 0.2 5↑ 4↓

95/14516
NOV 05 0601 28.5s 37.01S 176.09E 185km M=3.6
0.4 0.04 0.05 5
Rsd 0.2s 12ph/9stn Dmin 166km Az.gap 275°
Corr. -0.866 7M/7stn Msd 0.2

95/14517
NOV 05 0607 45.6s 38.86S 175.68E 221km M=3.6
0.7 0.03 0.05 6
Rsd 0.2s 14ph/12stn Dmin 36km Az.gap 211°
Corr. -0.722 9M/9stn Msd 0.2 1↑

95/14526
NOV 05 1556 37.0s 35.37S 179.09E 252km M=4.3
2.1 0.12 0.08 18
Rsd 0.2s 9ph/8stn Dmin 257km Az.gap 327°
Corr. 0.499 6M/6stn Msd 0.2

95/14533
NOV 05 1849 51.2s 40.19S 174.38E 50km M=3.7
0.2 0.00 0.01 6
Rsd 0.2s 45ph/34stn Dmin 64km Az.gap 107°
Corr. -0.100 18M/15stn Msd 0.3 1↑ 1↓

95/14553
NOV 06 0600 29.2s 38.08S 176.14E 159km M=3.9
0.4 0.03 0.02 3
Rsd 0.2s 22ph/18stn Dmin 87km Az.gap 187°
Corr. -0.572 25M/22stn Msd 0.3 1↑

95/14566
NOV 06 1104 31.6s 37.82S 179.35E 12km M=3.9
0.3 0.01 0.02 R
Rsd 0.1s 16ph/14stn Dmin 96km Az.gap 293°
Corr. 0.388 26M/22stn Msd 0.4 1↓

95/14571
NOV 06 1400 47.5s 38.19S 176.26E 146km M=3.5
0.5 0.02 0.02 5
Rsd 0.3s 21ph/19stn Dmin 68km Az.gap 88°
Corr. -0.173 8M/8stn Msd 0.3 1↑

95/14577
NOV 06 1500 56.9s 38.31S 176.20E 152km M=3.9
0.4 0.02 0.02 4
Rsd 0.4s 33ph/28stn Dmin 9km Az.gap 93°
Corr. -0.340 19M/18stn Msd 0.2 8↑ 1↓

95/14596
NOV 07 0514 06.1s 42.98S 173.79E 16km M=3.8
0.1 0.01 0.01 1
Rsd 0.1s 26ph/19stn Dmin 66km Az.gap 182°
Corr. -0.568 8M/5stn Msd 0.1 1↑ 2↓

95/14597
NOV 07 0548 31.7s 45.10S 167.51E 118km M=3.9
0.3 0.01 0.02 3
Rsd 0.2s 24ph/15stn Dmin 50km Az.gap 181°
Corr. -0.225 24M/17stn Msd 0.2 2↓

95/14601
NOV 07 0732 52.8s 38.46S 175.82E 179km M=4.5
0.3 0.01 0.01 3
Rsd 0.2s 40ph/36stn Dmin 39km Az.gap 69°
Corr. -0.103 26M/22stn Msd 0.3 7↑ 7↓

95/14660
NOV 08 1251 16.2s 38.39S 176.12E 184km M=3.7
0.3 0.01 0.01 2
Rsd 0.1s 18ph/17stn Dmin 85km Az.gap 242°
Corr. -0.354 9M/8stn Msd 0.2 1↓

95/14666
NOV 08 1617 50.2s 39.60S 175.31E 64km M=3.6
0.2 0.01 0.01 2
Rsd 0.2s 14ph/11stn Dmin 31km Az.gap 139°
Corr. 0.068 1M/1stn Msd 0.0 1↓

95/14682
NOV 09 0317 50.8s 37.05S 176.14E 187km M=3.9
1.4 0.13 0.22 43
Rsd 0.4s 8ph/4stn Dmin 201km Az.gap 281°
Corr. -0.950 5M/4stn Msd 0.2

95/14687
NOV 09 0533 53.6s 41.28S 172.70E 183km M=3.8
0.4 0.03 0.02 3
Rsd 0.3s 24ph/20stn Dmin 57km Az.gap 175°
Corr. -0.414 13M/13stn Msd 0.1 2↑ 1↓

95/14689
NOV 09 0843 48.0s 37.34S 176.20E 190km M=3.5
2.2 0.20 0.39 69
Rsd 0.4s 7ph/5stn Dmin 188km Az.gap 258°
Corr. -0.922 4M/4stn Msd 0.1

95/14690
NOV 09 0847 02.6s 36.36S 177.81E 210km M=4.3
0.8 0.05 0.03 6
Rsd 0.2s 12ph/10stn Dmin 144km Az.gap 266°
Corr. 0.674 12M/12stn Msd 0.2

95/14700
NOV 09 1856 09.8s 37.78S 178.03E 81km M=3.6
0.2 0.01 0.03 2
Rsd 0.1s 12ph/10stn Dmin 31km Az.gap 176°
Corr. -0.335 4M/4stn Msd 0.2

95/14707
NOV 10 0001 44.3s 41.37S 173.06E 104km M=3.6
0.4 0.02 0.02 5
Rsd 0.3s 29ph/23stn Dmin 65km Az.gap 130°
Corr. -0.629 17M/15stn Msd 0.2 2↑ 3↓

95/14715
NOV 10 0508 42.6s 37.15S 177.19E 198km M=4.7
0.4 0.02 0.02 4
Rsd 0.1s 22ph/18stn Dmin 103km Az.gap 180°
Corr. 0.222 25M/21stn Msd 0.2 3↑ 4↓

95/14726
NOV 10 1534 47.2s 39.63S 174.89E 121km M=3.5
0.3 0.01 0.01 3
Rsd 0.2s 28ph/21stn Dmin 19km Az.gap 62°
Corr. 0.214 8M/6stn Msd 0.2 2↑ 2↓

95/14730
NOV 10 1707 57.2s 44.37S 168.28E 12km M=3.7
0.3 0.02 0.01 R
Rsd 0.1s 16ph/12stn Dmin 44km Az.gap 187°
Corr. -0.763 10M/5stn Msd 0.1 1↓

95/14785
NOV 12 1808 48.4s 36.84S 177.98E 286km M=3.9
0.8 0.24 0.11 20
Rsd 0.2s 10ph/6stn Dmin 197km Az.gap 321°
Corr. -0.874 12M/11stn Msd 0.2

95/14802
NOV 13 0850 40.6s 38.77S 175.90E 5km M=3.5
0.1 0.01 0.01 R
Rsd 0.3s 35ph/30stn Dmin 22km Az.gap 58°
Corr. -0.475 13M/7stn Msd 0.5 3↑ 1↓
Felt Motuoapa (40) and Taupo (41).

95/14818
NOV 13 2352 26.1s 39.42S 174.35E 167km M=3.8
0.7 0.02 0.03 7
Rsd 0.3s 30ph/26stn Dmin 66km Az.gap 157°
Corr. -0.237 21M/19stn Msd 0.3 1↑ 2↓

95/14823
NOV 14 0357 20.3s 39.72S 174.32E 117km M=3.6
0.4 0.02 0.02 5
Rsd 0.3s 8ph/5stn Dmin 53km Az.gap 146°
Corr. -0.498 1M/1stn Msd 0.0

95/14824
NOV 14 0606 02.6s 37.67S 179.40E 12km M=4.1
0.3 0.01 0.02 R
Rsd 0.1s 13ph/12stn Dmin 97km Az.gap 282°
Corr. 0.110 23M/21stn Msd 0.2 1↓

95/14825
NOV 14 0639 03.8s 37.69S 179.42E 12km M=4.0
0.4 0.02 0.03 R
Rsd 0.1s 12ph/11stn Dmin 99km Az.gap 291°
Corr. 0.449 28M/26stn Msd 0.2 1↓

95/14831
NOV 14 0826 52.6s 37.66S 179.18E 24km M=3.7
1.0 0.02 0.06 5
Rsd 0.2s 5ph/4stn Dmin 78km Az.gap 296°
Corr. 0.329 6M/6stn Msd 0.3 1↑ 1↓

95/14843
NOV 14 2214 50.8s 39.45S 177.62E 46km M=3.6
0.4 0.02 0.02 6
Rsd 0.4s 18ph/13stn Dmin 37km Az.gap 182°
Corr. -0.327 8M/7stn Msd 0.3 1↓

95/14857
NOV 15 1515 40.2s 44.39S 167.44E 5km M=3.6
0.3 0.01 0.02 R
Rsd 0.1s 14ph/9stn Dmin 51km Az.gap 241°
Corr. -0.164 17M/12stn Msd 0.3 1↑ 1↓

95/14865
NOV 15 1911 10.6s 37.19S 177.31E 133km M=5.0
0.4 0.02 0.01 3
Rsd 0.1s 27ph/24stn Dmin 39km Az.gap 176°
Corr. 0.352 26M/22stn Msd 0.2 5↑ 9↓

95/14876
NOV 16 0510 37.9s 38.23S 176.33E 178km M=3.8
0.3 0.02 0.02 3
Rsd 0.1s 20ph/18stn Dmin 110km Az.gap 244°
Corr. -0.315 11M/11stn Msd 0.3

95/14901
NOV 16 2312 54.0s 36.93S 177.82E 74km M=3.9
0.6 0.03 0.03 7
Rsd 0.1s 10ph/9stn Dmin 86km Az.gap 234°
Corr. 0.934 4M/4stn Msd 0.2 1↓

95/14910
NOV 17 0649 56.7s 37.51S 176.60E 276km M=4.8
0.5 0.02 0.02 4
Rsd 0.2s 39ph/31stn Dmin 37km Az.gap 136°
Corr. -0.097 26M/24stn Msd 0.3 9↑ 3↓

95/14923
NOV 17 1029 02.2s 40.83S 175.37E 25km M=4.4
0.1 0.01 0.01 1
Rsd 0.2s 48ph/40stn Dmin 26km Az.gap 75°
Corr. -0.529 23M/12stn Msd 0.2 4↑ 7↓
Felt Foxton (61) to Wellington (68) and Masterton (66), maximum intensity MM4.

95/14955
NOV 17 1914 22.4s 40.79S 178.92E 33km M=4.0
0.7 0.03 0.05 R
Rsd 0.4s 31ph/26stn Dmin 199km Az.gap 241°
Corr. -0.465 40M/38stn Msd 0.2

95/14971
NOV 18 0416 56.6s 39.22S 175.37E 5km M=3.8
0.1 0.00 0.00 R
Rsd 0.2s 42ph/35stn Dmin 12km Az.gap 57°
Corr. 0.287 17M/9stn Msd 0.2 3↑ 6↓
Felt Ohakune (49) MM4.

95/14981
NOV 18 0947 13.8s 44.16S 168.72E 12km M=3.9
0.1 0.01 0.00 R
Rsd 0.1s 21ph/15stn Dmin 85km Az.gap 174°
Corr. -0.423 8M/4stn Msd 0.1

95/14991
NOV 18 1758 16.9s 38.94S 174.97E 222km M=4.0
0.4 0.02 0.01 3
Rsd 0.2s 32ph/23stn Dmin 38km Az.gap 92°
Corr. 0.129 23M/21stn Msd 0.2 1↑

95/14997
NOV 18 2022 37.9s 37.64S 177.09E 5km M=3.5
0.2 0.01 0.02 R
Rsd 0.3s 11ph/6stn Dmin 16km Az.gap 130°
Corr. -0.158 7M/5stn Msd 0.2 1↑

95/15008
NOV 19 0736 25.8s 37.44S 177.05E 137km M=3.7
0.4 0.02 0.02 5
Rsd 0.3s 14ph/12stn Dmin 92km Az.gap 157°
Corr. 0.326 10M/10stn Msd 0.2 1↑

95/15009
NOV 19 0929 04.3s 38.34S 175.60E 127km M=3.9
1.3 0.07 0.07 15
Rsd 0.5s 10ph/7stn Dmin 133km Az.gap 215°
Corr. -0.420 8M/6stn Msd 0.2 1↑

95/15024
NOV 20 0038 32.0s 42.91S 171.45E 5km M=3.0
0.1 0.01 0.01 R
Rsd 0.2s 20ph/12stn Dmin 13km Az.gap 121°
Corr. -0.249 15M/10stn Msd 0.3 2↑ 4↓
Felt Arthur's Pass (93) MM4.

95/15029
NOV 20 0615 20.1s 45.43S 167.49E 5km M=4.1
0.2 0.00 0.01 R
Rsd 0.1s 18ph/13stn Dmin 63km Az.gap 238°
Corr. 0.330 8M/4stn Msd 0.2 2↑ 2↓
Felt Manapouri and Monowai (139), MM4 and Te Anau (130).

95/15032
NOV 20 0745 40.1s 33.06S 178.63E 316km M=4.7
0.6 0.09 0.18 11
Rsd 0.1s 9ph/6stn Dmin 557km Az.gap 341°
Corr. -0.910 5M/5stn Msd 0.2

95/15044
NOV 20 2000 36.8s 36.82S 177.37E 201km M=4.5
0.6 0.04 0.03 5
Rsd 0.2s 15ph/12stn Dmin 80km Az.gap 223°
Corr. 0.591 25M/21stn Msd 0.3 4↑ 2↓

95/15046
NOV 20 2201 37.7s 43.38S 172.74E 25km M=4.1
0.1 0.00 0.01 1
Rsd 0.1s 23ph/14stn Dmin 37km Az.gap 145°
Corr. 0.135 18M/10stn Msd 0.3 2↑ 6↓
Felt Christchurch (110).

95/15056
NOV 21 0443 46.9s 40.02S 176.79E 52km M=3.6
0.2 0.01 0.01 3
Rsd 0.2s 35ph/26stn Dmin 40km Az.gap 184°
Corr. -0.293 20M/18stn Msd 0.2 5↑ 1↓

95/15059
NOV 21 0548 27.7s 40.03S 176.80E 54km M=3.7
0.1 0.01 0.01 2
Rsd 0.2s 33ph/28stn Dmin 41km Az.gap 185°
Corr. -0.355 17M/15stn Msd 0.8 5↑ 2↓

95/15079
NOV 21 2219 12.8s 37.59S 179.55W 12km M=4.4
0.6 0.07 0.04 R
Rsd 0.3s 8ph/6stn Dmin 190km Az.gap 313°
Corr. -0.247 27M/23stn Msd 0.2

95/15083
NOV 21 2306 10.9s 36.75S 178.07E 12km M=3.7
1.4 0.10 0.06 R
Rsd 0.5s 5ph/4stn Dmin 96km Az.gap 321°
Corr. -0.367 6M/4stn Msd 0.2 1↑

95/15102
NOV 22 1311 05.3s 38.57S 176.10E 117km M=3.7
0.6 0.02 0.02 6
Rsd 0.4s 23ph/18stn Dmin 25km Az.gap 76°
Corr. -0.228 20M/18stn Msd 0.2 4↑ 3↓

95/15124
NOV 23 0359 53.9s 41.12S 174.73E 59km M=3.5
0.1 0.01 0.01 1
Rsd 0.2s 37ph/29stn Dmin 13km Az.gap 45°
Corr. -0.120 19M/16stn Msd 0.2 9↑ 8↓

95/15125
NOV 23 0407 23.5s 42.80S 172.43E 9km M=3.7
0.2 0.01 0.01 2
Rsd 0.3s 25ph/17stn Dmin 14km Az.gap 105°
Corr. -0.071 15M/8stn Msd 0.3 2↑ 3↓

95/15137
NOV 23 1201 36.6s 38.26S 176.17E 146km M=3.5
1.3 0.07 0.05 10
Rsd 0.4s 13ph/11stn Dmin 82km Az.gap 238°
Corr. -0.280 12M/12stn Msd 0.3 2↑ 1↓

95/15146
NOV 23 1931 03.7s 38.42S 176.06E 130km M=3.8
0.4 0.03 0.02 3
Rsd 0.2s 15ph/12stn Dmin 91km Az.gap 212°
Corr. -0.615 20M/19stn Msd 0.3 8↑ 1↓

95/15152
NOV 23 2326 00.3s 36.67S 177.42E 179km M=3.8
0.5 0.04 0.04 4
Rsd 0.1s 5ph/4stn Dmin 129km Az.gap 314°
Corr. -0.660 5M/4stn Msd 0.2

95/15154
NOV 24 0103 05.7s 39.18S 174.82E 195km M=3.6
0.7 0.05 0.07 8
Rsd 0.4s 17ph/14stn Dmin 69km Az.gap 198°
Corr. -0.658 10M/10stn Msd 0.3

95/15161
NOV 24 0618 57.9s 42.95S 171.82E 7km M=6.3
0.1 0.01 0.01 2
Rsd 0.2s 26ph/19stn Dmin 20km Az.gap 88°
Corr. -0.141 36M/19stn Msd 0.2 16↑ 6↓
Felt widely throughout the South Island, maximum intensity MM6 at Arthur's Pass (93) and Cass (100).

95/15162
NOV 24 0619 44.5s 42.95S 171.83E 5km M=3.9
0.1 0.01 0.01 R
Rsd 0.2s 7ph/5stn Dmin 21km Az.gap 118°
Corr. 0.300 2M/2stn Msd 0.1

95/15163
NOV 24 0620 20.6s 42.98S 171.85E 5km M=3.9
0.1 0.00 0.00 R
Rsd 0.2s 15ph/7stn Dmin 22km Az.gap 92°
Corr. -0.082 6M/6stn Msd 0.1

95/15164
NOV 24 0620 25.5s 42.98S 171.87E 5km M=3.7
0.2 0.01 0.01 R
Rsd 0.4s 14ph/7stn Dmin 23km Az.gap 89°
Corr. -0.320 5M/5stn Msd 0.1

95/15166
NOV 24 0620 58.9s 42.98S 171.86E 5km M=3.7
0.1 0.00 0.00 R
Rsd 0.2s 20ph/9stn Dmin 23km Az.gap 88°
Corr. -0.185 8M/8stn Msd 0.1

95/15172
NOV 24 0622 30.0s 42.99S 171.85E 5km M=3.8
0.1 0.01 0.01 R
Rsd 0.3s 24ph/12stn Dmin 22km Az.gap 88°
Corr. -0.104 18M/18stn Msd 0.2

95/15173
NOV 24 0622 54.0s 42.94S 171.84E 5km M=3.6
0.1 0.01 0.01 R
Rsd 0.2s 19ph/11stn Dmin 22km Az.gap 99°
Corr. -0.214 5M/5stn Msd 0.1 1↑

95/15195
NOV 24 0627 02.2s 42.98S 171.85E 5km M=3.5
0.1 0.01 0.00 R
Rsd 0.2s 17ph/7stn Dmin 22km Az.gap 88°
Corr. -0.260 8M/8stn Msd 0.1 1↑

95/15220
NOV 24 0632 36.2s 42.98S 171.87E 4km M=4.0
0.1 0.01 0.00 1
Rsd 0.2s 24ph/14stn Dmin 24km Az.gap 88°
Corr. -0.098 17M/9stn Msd 0.1 4↑ 3↓

95/15226
NOV 24 0638 08.1s 42.97S 171.86E 5km M=3.7
0.1 0.00 0.00 1
Rsd 0.2s 22ph/14stn Dmin 23km Az.gap 89°
Corr. -0.305 15M/8stn Msd 0.2 2↑ 2↓

95/15227
NOV 24 0638 33.3s 42.99S 171.86E 4km M=4.0
0.1 0.01 0.00 1
Rsd 0.2s 22ph/14stn Dmin 23km Az.gap 85°
Corr. -0.234 23M/13stn Msd 0.2 3↑ 3↓

95/15233
NOV 24 0643 13.3s 42.96S 171.82E 6km M=3.6
0.1 0.01 0.01 1
Rsd 0.2s 24ph/14stn Dmin 20km Az.gap 95°
Corr. -0.246 8M/4stn Msd 0.3 3↑ 3↓

95/15241
NOV 24 0648 19.6s 43.00S 171.85E 5km M=3.7
0.1 0.01 0.01 R
Rsd 0.2s 21ph/12stn Dmin 23km Az.gap 82°
Corr. -0.275 11M/6stn Msd 0.3 3↑ 3↓

95/15253
NOV 24 0654 54.7s 42.99S 171.86E 3km M=3.7
0.1 0.00 0.00 1
Rsd 0.2s 19ph/12stn Dmin 23km Az.gap 84°
Corr. -0.168 8M/4stn Msd 0.1 4↑ 2↓

95/15260
NOV 24 0701 37.2s 42.96S 171.83E 5km M=3.6
0.1 0.01 0.01 R
Rsd 0.3s 17ph/13stn Dmin 21km Az.gap 85°
Corr. -0.231 8M/4stn Msd 0.1 3↑ 4↓

95/15273
NOV 24 0710 54.1s 42.97S 171.86E 3km M=3.5
0.1 0.00 0.00 1
Rsd 0.2s 22ph/14stn Dmin 23km Az.gap 89°
Corr. -0.118 10M/5stn Msd 0.2 3↑ 5↓

95/15285
NOV 24 0716 57.8s 42.96S 171.84E 6km M=3.8
0.1 0.01 0.00 1
Rsd 0.2s 22ph/14stn Dmin 21km Az.gap 95°
Corr. -0.288 14M/7stn Msd 0.2 3↑ 3↓

95/15317
NOV 24 0741 41.2s 42.96S 171.84E 6km M=3.8
0.1 0.01 0.01 1
Rsd 0.2s 20ph/15stn Dmin 21km Az.gap 95°
Corr. -0.310 14M/7stn Msd 0.2 5↑ 3↓

95/15337
NOV 24 0754 27.4s 42.99S 171.85E 5km M=4.1
0.1 0.01 0.01 R
Rsd 0.2s 20ph/13stn Dmin 22km Az.gap 83°
Corr. -0.196 20M/11stn Msd 0.2 2↑ 4↓

95/15358
NOV 24 0819 11.6s 42.94S 171.82E 6km M=3.7
0.1 0.01 0.01 1
Rsd 0.2s 20ph/14stn Dmin 20km Az.gap 99°
Corr. -0.273 10M/5stn Msd 0.2 4↑ 3↓

95/15399
NOV 24 0921 10.1s 37.41S 179.51E 12km M=5.2
0.6 0.03 0.04 R
Rsd 0.2s 18ph/16stn Dmin 109km Az.gap 282°
Corr. 0.667 22M/12stn Msd 0.2 1↓

95/15427
NOV 24 1022 31.1s 42.95S 171.85E 5km M=3.5
0.1 0.00 0.00 R
Rsd 0.2s 19ph/13stn Dmin 22km Az.gap 97°
Corr. -0.147 8M/4stn Msd 0.2 2↑ 1↓

95/15453
NOV 24 1118 17.2s 42.96S 171.83E 5km M=3.9
0.1 0.00 0.00 R
Rsd 0.1s 24ph/17stn Dmin 21km Az.gap 85°
Corr. -0.312 21M/11stn Msd 0.2 3↑ 6↓

95/15506
NOV 24 1319 24.0s 42.97S 171.84E 5km M=3.5
0.1 0.00 0.00 R
Rsd 0.2s 22ph/14stn Dmin 21km Az.gap 90°
Corr. -0.147 8M/4stn Msd 0.3 1↑

95/15559
NOV 24 1529 00.6s 42.95S 171.90E 5km M=3.8
0.1 0.01 0.00 R
Rsd 0.2s 21ph/14stn Dmin 26km Az.gap 93°
Corr. -0.394 16M/8stn Msd 0.1 6↑ 3↓

95/15588
NOV 24 1702 56.4s 42.95S 171.90E 5km M=3.5
0.1 0.00 0.00 R
Rsd 0.2s 18ph/13stn Dmin 34km Az.gap 96°
Corr. -0.019 8M/4stn Msd 0.1 1↑

95/15674
NOV 24 2148 28.5s 37.39S 179.40E 12km M=3.7
0.7 0.04 0.05 R
Rsd 0.3s 8ph/6stn Dmin 100km Az.gap 300°
Corr. -0.190 4M/4stn Msd 0.4 1↓

95/15677
NOV 24 2153 16.7s 37.47S 179.24E 12km M=4.9
0.4 0.02 0.02 R
Rsd 0.2s 18ph/17stn Dmin 84km Az.gap 281°
Corr. 0.491 18M/11stn Msd 0.3 1↓

95/15763
NOV 25 0758 27.2s 37.39S 176.69E 226km M=4.2
0.7 0.05 0.04 6
Rsd 0.3s 11ph/10stn Dmin 104km Az.gap 249°
Corr. -0.615 22M/18stn Msd 0.3 1↑

95/15768
NOV 25 0816 17.2s 42.93S 171.84E 6km M=5.2
0.1 0.00 0.00 1
Rsd 0.2s 28ph/19stn Dmin 22km Az.gap 95°
Corr. -0.275 37M/19stn Msd 0.2 5↑ 5↓
Felt Cass (100) MM6 and Christchurch district (102,110).

95/15786
NOV 25 0942 34.8s 42.91S 171.83E 5km M=4.2
0.1 0.00 0.00 1
Rsd 0.2s 24ph/16stn Dmin 21km Az.gap 101°
Corr. -0.187 25M/13stn Msd 0.2 6↑ 5↓

95/15788
NOV 25 0946 38.5s 42.17S 172.78E 58km M=3.9
0.1 0.01 0.01 2
Rsd 0.2s 34ph/24stn Dmin 46km Az.gap 69°
Corr. -0.428 19M/15stn Msd 0.2 5↑ 8↓

95/15878
NOV 25 2142 29.3s 38.28S 176.28E 159km M=4.4
0.3 0.01 0.01 3
Rsd 0.2s 33ph/25stn Dmin 12km Az.gap 64°
Corr. 0.013 25M/21stn Msd 0.3 10↑ 3↓

95/15884
NOV 25 2227 41.6s 42.91S 171.83E 5km M=3.8
0.1 0.00 0.00 R
Rsd 0.1s 22ph/14stn Dmin 22km Az.gap 101°
Corr. -0.197 13M/7stn Msd 0.2 3↑ 4↓

95/15888
NOV 25 2314 27.0s 42.97S 171.87E 5km M=4.1
0.1 0.00 0.00 R
Rsd 0.1s 24ph/15stn Dmin 24km Az.gap 82°
Corr. -0.156 26M/13stn Msd 0.2 7↑ 4↓

95/15897
NOV 26 0056 19.9s 40.52S 176.94E 32km M=3.8
0.3 0.01 0.02 3
Rsd 0.1s 22ph/17stn Dmin 58km Az.gap 221°
Corr. -0.734 10M/5stn Msd 0.1 4↑ 1↓

95/15900
NOV 26 0144 27.5s 47.72S 165.58E 12km M=4.4
0.6 0.04 0.04 R
Rsd 0.2s 16ph/11stn Dmin 272km Az.gap 327°
Corr. 0.044 8M/4stn Msd 0.1 1↓

95/15916
NOV 26 0441 44.4s 42.99S 171.87E 7km M=3.9
0.1 0.00 0.00 1
Rsd 0.2s 24ph/15stn Dmin 7km Az.gap 84°
Corr. -0.100 15M/8stn Msd 0.2 7↑ 5↓

95/15931
NOV 26 0732 09.9s 40.29S 175.98E 48km M=3.8
0.1 0.00 0.01 4
Rsd 0.1s 31ph/25stn Dmin 44km Az.gap 102°
Corr. 0.070 21M/19stn Msd 0.2 5↑ 1↓

95/15933
NOV 26 0811 04.4s 42.95S 171.85E 8km M=3.8
0.1 0.00 0.00 1
Rsd 0.2s 24ph/15stn Dmin 12km Az.gap 96°
Corr. -0.157 17M/9stn Msd 0.2 5↑ 5↓

95/15941
NOV 26 0932 59.2s 43.00S 171.86E 7km M=3.7
0.0 0.00 0.00 1
Rsd 0.1s 22ph/15stn Dmin 7km Az.gap 83°
Corr. -0.113 13M/7stn Msd 0.2 4↑ 5↓

95/15945
NOV 26 0952 09.2s 42.99S 171.88E 6km M=3.6
0.1 0.00 0.00 1
Rsd 0.2s 22ph/14stn Dmin 7km Az.gap 83°
Corr. -0.080 13M/7stn Msd 0.2 4↑ 3↓

95/16043
NOV 27 0259 24.2s 42.98S 171.88E 7km M=2.4
0.1 0.00 0.00 1
Rsd 0.1s 11ph/4stn Dmin 7km Az.gap 143°
Corr. 0.067 5M/3stn Msd 0.1 1↑
Felt Omoto (85) MM4.

95/16069
NOV 27 0907 15.1s 37.04S 179.69E 12km M=3.6
0.9 0.05 0.07 R
Rsd 0.3s 7ph/6stn Dmin 137km Az.gap 305°
Corr. 0.174 5M/5stn Msd 0.3

95/16099
NOV 27 1909 04.3s 42.97S 171.86E 7km M=4.3
0.1 0.00 0.00 1
Rsd 0.1s 22ph/17stn Dmin 10km Az.gap 91°
Corr. -0.017 22M/12stn Msd 0.2 3↑ 2↓
Felt Christchurch (110).

95/16100
NOV 27 1935 25.4s 37.50S 176.47E 222km M=5.4
0.4 0.02 0.02 3
Rsd 0.2s 37ph/32stn Dmin 30km Az.gap 132°
Corr. -0.021 24M/19stn Msd 0.3 2↑ 1↓

95/16110
NOV 27 2255 50.2s 38.25S 176.06E 171km M=3.5
0.8 0.06 0.05 10
Rsd 0.2s 10ph/8stn Dmin 95km Az.gap 280°
Corr. 0.430 7M/7stn Msd 0.2

95/16193
NOV 29 0525 19.9s 42.98S 171.87E 5km M=3.5
0.1 0.00 0.00 1
Rsd 0.2s 23ph/13stn Dmin 8km Az.gap 87°
Corr. -0.115 10M/5stn Msd 0.1 3↑ 4↓

95/16231
NOV 29 1846 05.2s 38.67S 175.71E 142km M=3.6
0.7 0.01 0.02 6
Rsd 0.1s 12ph/11stn Dmin 40km Az.gap 94°
Corr. 0.200 4M/2stn Msd 0.2

95/16249
NOV 30 0352 06.8s 36.76S 177.09E 248km M=4.2
1.1 0.04 0.05 8
Rsd 0.2s 12ph/10stn Dmin 123km Az.gap 221°
Corr. 0.718 15M/15stn Msd 0.2

95/16255
NOV 30 0545 27.9s 41.67S 174.61E 33km M=3.5
0.1 0.01 0.01 1
Rsd 0.2s 23ph/20stn Dmin 34km Az.gap 158°
Corr. -0.567 21M/18stn Msd 0.3 6↑ 7↓

95/16262
NOV 30 0726 58.7s 37.86S 174.44E 12km M=3.5
0.1 0.01 0.01 R
Rsd 0.2s 21ph/17stn Dmin 102km Az.gap 173°
Corr. -0.229 20M/14stn Msd 0.3 1↓

95/16263
NOV 30 0728 06.7s 37.85S 174.45E 12km M=3.9
0.1 0.01 0.01 R
Rsd 0.2s 23ph/18stn Dmin 101km Az.gap 173°
Corr. -0.262 8M/4stn Msd 0.1 1↓

95/16329
DEC 01 0448 59.6s 38.68S 175.51E 288km M=4.0
0.2 0.01 0.03 2
Rsd 0.1s 15ph/11stn Dmin 56km Az.gap 199°
Corr. 0.118 10M/8stn Msd 0.2

95/16363
DEC 01 1738 37.3s 44.40S 168.11E 12km M=3.8
0.3 0.02 0.01 R
Rsd 0.1s 12ph/10stn Dmin 34km Az.gap 192°
Corr. -0.833 10M/5stn Msd 0.2 1↓

95/16364
DEC 01 1742 47.3s 37.71S 176.32E 200km M=4.8
0.4 0.02 0.02 3
Rsd 0.2s 34ph/29stn Dmin 3km Az.gap 101°
Corr. -0.089 11M/8stn Msd 0.2 2↑ 2↓

95/16372
DEC 01 2230 43.3s 40.59S 175.49E 65km M=4.2
0.1 0.01 0.01 1
Rsd 0.2s 45ph/33stn Dmin 11km Az.gap 53°
Corr. -0.387 14M/10stn Msd 0.2 1↓

95/16391
DEC 02 0545 28.2s 43.01S 171.19E 5km M=3.6
0.2 0.01 0.01 R
Rsd 0.3s 16ph/10stn Dmin 33km Az.gap 121°
Corr. -0.394 8M/4stn Msd 0.3 2↑ 4↓

95/16429
DEC 02 2258 59.0s 37.11S 177.06E 12km M=4.0
0.2 0.02 0.01 R
Rsd 0.2s 13ph/11stn Dmin 47km Az.gap 173°
Corr. 0.384 16M/14stn Msd 0.2 1↑ 1↓

95/16471
DEC 04 0136 38.4s 40.13S 174.86E 25km M=3.6
0.2 0.01 0.01 3
Rsd 0.4s 37ph/30stn Dmin 37km Az.gap 70°
Corr. -0.089 9M/5stn Msd 0.1 2↑ 1↓

95/16473
DEC 04 0154 24.5s 41.01S 176.54E 12km M=3.9
0.3 0.02 0.02 R
Rsd 0.3s 27ph/23stn Dmin 49km Az.gap 231°
Corr. -0.317 8M/4stn Msd 0.2 4↑ 1↓

95/16484
DEC 04 0620 05.1s 41.23S 172.72E 177km M=3.7
0.4 0.02 0.02 3
Rsd 0.3s 26ph/22stn Dmin 48km Az.gap 107°
Corr. -0.370 15M/15stn Msd 0.2 4↑ 1↓

95/16493
DEC 04 0936 38.3s 38.12S 176.33E 157km M=4.0
0.2 0.01 0.01 2
Rsd 0.2s 32ph/26stn Dmin 15km Az.gap 68°
Corr. 0.155 21M/19stn Msd 0.2 1↓

95/16580
DEC 05 1348 02.5s 37.54S 176.52E 295km M=4.1
1.0 0.08 0.07 8
Rsd 0.2s 11ph/8stn Dmin 164km Az.gap 250°
Corr. -0.418 3M/3stn Msd 0.1

95/16588
DEC 05 1729 49.2s 43.00S 171.86E 6km M=4.0
0.1 0.00 0.00 1
Rsd 0.1s 22ph/14stn Dmin 41km Az.gap 94°
Corr. -0.142 17M/10stn Msd 0.2 2↑ 5↓

95/16666
DEC 06 2121 29.2s 37.37S 177.38E 140km M=4.0
0.8 0.03 0.02 9
Rsd 0.4s 15ph/13stn Dmin 85km Az.gap 169°
Corr. 0.242 13M/12stn Msd 0.2 1↑

95/16668
DEC 06 2143 33.1s 37.83S 179.44E 12km M=4.0
1.2 0.06 0.07 R
Rsd 0.7s 7ph/4stn Dmin 103km Az.gap 296°
Corr. 0.254 3M/3stn Msd 0.6

95/16686
DEC 07 0256 01.4s 37.61S 179.66E 12km M=3.9
1.3 0.06 0.09 R
Rsd 0.6s 8ph/6stn Dmin 120km Az.gap 291°
Corr. 0.028 6M/6stn Msd 0.3

95/16694
DEC 07 0606 02.5s 37.33S 177.56E 141km M=3.9
0.5 0.04 0.04 7
Rsd 0.2s 10ph/8stn Dmin 72km Az.gap 234°
Corr. -0.666 17M/17stn Msd 0.4 1↑ 1↓

95/16699
DEC 07 1050 16.3s 38.17S 176.18E 180km M=3.8
0.7 0.03 0.02 7
Rsd 0.2s 15ph/12stn Dmin 108km Az.gap 180°
Corr. -0.141 16M/16stn Msd 0.3 1↑

95/16713
DEC 07 1932 50.8s 36.39S 177.59E 228km M=4.2
1.3 0.07 0.06 12
Rsd 0.4s 8ph/7stn Dmin 149km Az.gap 236°
Corr. 0.603 13M/13stn Msd 0.2

95/16715
DEC 07 2015 34.6s 42.98S 171.87E 5km M=3.6
0.1 0.01 0.01 R
Rsd 0.2s 19ph/12stn Dmin 39km Az.gap 95°
Corr. -0.259 9M/5stn Msd 0.2 3↑ 3↓

95/16722
DEC 08 0006 53.1s 45.15S 166.81E 12km M=4.6
0.5 0.01 0.03 R
Rsd 0.2s 16ph/13stn Dmin 45km Az.gap 263°
Corr. -0.155 11M/6stn Msd 0.1 3↑ 2↓

95/16724
DEC 08 0047 47.4s 37.56S 177.04E 160km M=4.7
0.5 0.02 0.02 4
Rsd 0.2s 26ph/22stn Dmin 14km Az.gap 125°
Corr. 0.401 20M/18stn Msd 0.2 5↑ 1↓

95/16746
DEC 08 1950 46.7s 38.09S 176.43E 158km M=3.7
0.6 0.04 0.05 8
Rsd 0.2s 10ph/9stn Dmin 141km Az.gap 217°
Corr. -0.827 5M/4stn Msd 0.1

95/16756
DEC 09 0337 42.9s 37.73S 179.24E 21km M=4.4
0.5 0.02 0.03 2
Rsd 0.2s 17ph/15stn Dmin 84km Az.gap 279°
Corr. -0.148 38M/33stn Msd 0.3 1↑ 1↓

95/16758
DEC 09 0526 52.4s 37.63S 179.58E 33km M=4.0
1.0 0.05 0.07 R
Rsd 0.5s 7ph/4stn Dmin 113km Az.gap 300°
Corr. 0.417 4M/3stn Msd 0.7 1↑

95/16805
DEC 10 1241 54.7s 38.38S 177.05E 66km M=3.5
0.2 0.01 0.01 3
Rsd 0.3s 24ph/23stn Dmin 41km Az.gap 68°
Corr. 0.030 13M/13stn Msd 0.2 1↓

95/16806
DEC 10 1302 08.0s 37.81S 179.35E 12km M=4.9
0.6 0.04 0.04 R
Rsd 0.3s 22ph/19stn Dmin 95km Az.gap 284°
Corr. 0.431 19M/11stn Msd 0.2 1↑ 1↓

95/16813
DEC 10 1648 25.8s 42.93S 171.82E 5km M=3.9
0.1 0.01 0.01 R
Rsd 0.2s 18ph/10stn Dmin 40km Az.gap 100°
Corr. 0.039 8M/4stn Msd 0.2 2↑ 3↓

95/16817
DEC 10 1735 44.0s 42.81S 171.82E 5km M=3.6
0.1 0.01 0.01 R
Rsd 0.2s 14ph/10stn Dmin 27km Az.gap 108°
Corr. -0.075 26M/19stn Msd 0.2 2↑ 1↓

95/16819
DEC 10 1833 51.5s 45.20S 166.66E 12km M=3.5
0.7 0.02 0.05 R
Rsd 0.3s 12ph/6stn Dmin 49km Az.gap 292°
Corr. -0.010 13M/11stn Msd 0.8 1↓

95/16833
DEC 11 0528 32.9s 39.63S 174.34E 244km M=3.7
0.6 0.04 0.03 5
Rsd 0.2s 20ph/18stn Dmin 54km Az.gap 241°
Corr. -0.121 11M/11stn Msd 0.3 1↑

95/16834
DEC 11 0544 29.2s 38.57S 175.89E 165km M=3.9
0.5 0.02 0.02 4
Rsd 0.2s 17ph/14stn Dmin 72km Az.gap 194°
Corr. 0.131 9M/8stn Msd 0.3 1↑

95/16837
DEC 11 0640 05.2s 37.62S 177.45E 183km M=3.5
2.3 0.10 0.10 21
Rsd 0.5s 7ph/6stn Dmin 75km Az.gap 203°
Corr. -0.147 2M/2stn Msd 0.1
Poor station coverage.

95/16844
DEC 11 1235 18.1s 38.89S 175.38E 127km M=3.5
0.5 0.02 0.02 5
Rsd 0.3s 18ph/15stn Dmin 37km Az.gap 82°
Corr. -0.121 6M/6stn Msd 0.2 1↓

95/16850
DEC 11 1809 42.2s 42.41S 172.27E 5km M=3.6
0.1 0.01 0.01 R
Rsd 0.2s 21ph/15stn Dmin 37km Az.gap 90°
Corr. -0.304 9M/5stn Msd 0.2 1↑

95/16866
DEC 12 0954 46.0s 36.58S 176.91E 194km M=3.6
0.8 0.07 0.15 20
Rsd 0.2s 14ph/12stn Dmin 168km Az.gap 288°
Corr. -0.882 5M/5stn Msd 0.3
Poor station coverage.

95/16868
DEC 12 1334 17.0s 38.53S 175.82E 161km M=3.8
0.6 0.03 0.05 4
Rsd 0.2s 13ph/10stn Dmin 68km Az.gap 308°
Corr. 0.014 9M/9stn Msd 0.3

95/16870
DEC 12 1412 53.5s 38.88S 175.60E 173km M=3.6
0.5 0.01 0.05 4
Rsd 0.1s 13ph/9stn Dmin 33km Az.gap 331°
Corr. 0.057 11M/11stn Msd 0.2

95/16873
DEC 12 1503 08.1s 40.05S 172.77E 12km M=3.6
0.2 0.01 0.02 R
Rsd 0.2s 17ph/14stn Dmin 88km Az.gap 213°
Corr. -0.668 25M/22stn Msd 0.3

95/16901
DEC 13 1413 40.8s 39.26S 175.50E 79km M=3.6
0.2 0.01 0.01 2
Rsd 0.3s 34ph/26stn Dmin 5km Az.gap 83°
Corr. 0.152 19M/17stn Msd 0.2 1↑ 1↓

95/16909
DEC 13 2113 36.2s 37.75S 176.56E 152km M=3.7
0.3 0.03 0.02 3
Rsd 0.2s 8ph/7stn Dmin 74km Az.gap 203°
Corr. -0.554 8M/7stn Msd 0.1

95/16915
DEC 13 2259 41.3s 38.53S 175.77E 158km M=3.6
0.7 0.09 0.18 14
Rsd 0.3s 12ph/10stn Dmin 121km Az.gap 233°
Corr. -0.919 7M/7stn Msd 0.2

95/16927
DEC 14 0625 01.4s 38.60S 175.79E 152km M=3.6
0.7 0.05 0.05 6
Rsd 0.4s 16ph/13stn Dmin 67km Az.gap 210°
Corr. -0.832 10M/9stn Msd 0.2

95/16928
DEC 14 0817 48.7s 37.49S 176.56E 199km M=3.8
0.5 0.06 0.04 4
Rsd 0.2s 10ph/8stn Dmin 98km Az.gap 245°
Corr. -0.746 8M/8stn Msd 0.2

95/16938
DEC 14 1123 19.0s 38.13S 177.72E 51km M=3.7
0.2 0.01 0.01 3
Rsd 0.1s 17ph/15stn Dmin 48km Az.gap 76°
Corr. 0.035 9M/7stn Msd 0.3 2↑ 1↓

95/16960
DEC 15 0303 46.5s 39.12S 174.86E 216km M=4.2
0.4 0.02 0.02 3
Rsd 0.2s 41ph/36stn Dmin 47km Az.gap 92°
Corr. 0.040 27M/23stn Msd 0.2 3↑ 1↓

95/16961
DEC 15 0405 47.4s 38.46S 175.49E 272km M=4.7
0.5 0.02 0.02 4
Rsd 0.2s 44ph/37stn Dmin 60km Az.gap 69°
Corr. -0.219 31M/25stn Msd 0.2 4↑ 8↓

95/16970
DEC 15 0758 40.6s 35.69S 178.97E 260km M=3.9
0.5 0.07 0.09 4
Rsd 0.1s 11ph/8stn Dmin 220km Az.gap 340°
Corr. -0.777 4M/4stn Msd 0.1

95/16973
DEC 15 0821 12.1s 37.73S 178.52E 5km M=3.5
0.5 0.01 0.04 R
Rsd 0.2s 10ph/8stn Dmin 24km Az.gap 256°
Corr. 0.586 10M/9stn Msd 0.3 1↓

95/16992
DEC 15 1201 47.9s 36.52S 177.21E 258km M=3.6
0.7 0.07 0.06 7
Rsd 0.3s 7ph/6stn Dmin 154km Az.gap 294°
Corr. -0.711 5M/5stn Msd 0.1

95/17004
DEC 15 1757 04.0s 36.47S 177.19E 256km M=3.7
0.2 0.03 0.02 2
Rsd 0.1s 9ph/7stn Dmin 159km Az.gap 295°
Corr. -0.735 4M/4stn Msd 0.2

95/17005
DEC 15 1820 30.8s 40.28S 174.30E 112km M=4.7
0.3 0.01 0.01 4
Rsd 0.2s 45ph/39stn Dmin 67km Az.gap 96°
Corr. 0.170 29M/23stn Msd 0.4 12↑ 4↓
Felt Purangi and Uruti (47) MM4 and Marton (61).

95/17006
DEC 15 1836 08.4s 36.87S 179.50E 12km M=3.6
0.6 0.03 0.05 R
Rsd 0.2s 7ph/5stn Dmin 133km Az.gap 302°
Corr. -0.047 5M/4stn Msd 1.0

95/17007
DEC 15 1917 18.3s 40.66S 173.29E 142km M=3.7
0.3 0.01 0.01 3
Rsd 0.2s 40ph/32stn Dmin 55km Az.gap 126°
Corr. -0.083 17M/16stn Msd 0.3 3↑ 3↓

95/17013
DEC 16 0046 00.2s 37.36S 177.30E 12km M=3.5
0.4 0.03 0.02 R
Rsd 0.5s 8ph/6stn Dmin 21km Az.gap 172°
Corr. 0.348 6M/4stn Msd 0.2 1↑

95/17022
DEC 16 0738 14.0s 35.76S 178.37E 199km M=5.5
0.4 0.03 0.02 5
Rsd 0.2s 34ph/31stn Dmin 205km Az.gap 276°
Corr. 0.641 8M/4stn Msd 0.3 1↓

95/17037
DEC 16 2026 45.8s 35.17S 179.92E 12km M=3.7
0.4 0.04 0.04 R
Rsd 0.1s 4ph/3stn Dmin 306km Az.gap 349°
Corr. -0.641 3M/3stn Msd 0.3

95/17048
DEC 17 1120 26.2s 44.99S 167.44E 72km M=3.7
0.2 0.01 0.01 2
Rsd 0.1s 20ph/12stn Dmin 52km Az.gap 201°
Corr. -0.604 10M/5stn Msd 0.3 1↓

95/17060
DEC 17 2224 57.0s 38.70S 175.90E 158km M=3.9
0.4 0.02 0.02 4
Rsd 0.2s 20ph/14stn Dmin 46km Az.gap 84°
Corr. -0.333 23M/19stn Msd 0.2 1↑

95/17071
DEC 18 0856 24.9s 37.41S 179.10E 5km M=3.9
0.8 0.05 0.04 R
Rsd 0.3s 11ph/5stn Dmin 74km Az.gap 292°
Corr. 0.047 6M/5stn Msd 0.5

95/17076
DEC 18 1029 15.3s 39.76S 174.65E 128km M=3.7
0.3 0.01 0.02 3
Rsd 0.3s 43ph/29stn Dmin 24km Az.gap 71°
Corr. -0.100 18M/17stn Msd 0.2 7↑ 2↓

95/17086
DEC 18 1733 02.7s 42.81S 171.81E 5km M=4.0
0.1 0.01 0.00 R
Rsd 0.1s 18ph/11stn Dmin 38km Az.gap 109°
Corr. -0.160 11M/6stn Msd 0.3 2↑ 3↓

95/17092
DEC 18 1934 52.3s 41.24S 172.77E 187km M=3.6
0.3 0.01 0.02 2
Rsd 0.2s 27ph/17stn Dmin 50km Az.gap 101°
Corr. -0.120 12M/12stn Msd 0.3 5↑ 3↓

95/17094
DEC 18 2050 32.6s 37.49S 177.51E 105km M=5.5
0.2 0.01 0.01 2
Rsd 0.2s 36ph/28stn Dmin 29km Az.gap 156°
Corr. 0.284 8M/4stn Msd 0.3 5↑ 9↓
Felt Whakatane (27) and Gisborne (45).

95/17098
DEC 18 2250 33.8s 36.08S 179.82W 33km M=4.5
0.4 0.01 0.03 R
Rsd 0.1s 12ph/8stn Dmin 237km Az.gap 315°
Corr. 0.115 32M/27stn Msd 0.3

95/17106
DEC 19 0402 19.0s 37.87S 174.52E 12km M=3.5
0.1 0.01 0.01 R
Rsd 0.2s 27ph/21stn Dmin 75km Az.gap 149°
Corr. -0.099 10M/5stn Msd 0.2 1↑ 1↓

95/17108
DEC 19 0507 56.0s 36.79S 177.18E 33km M=3.6
1.0 0.06 0.06 R
Rsd 0.3s 6ph/3stn Dmin 163km Az.gap 325°
Corr. -0.469 3M/3stn Msd 0.1

95/17122
DEC 19 1458 43.7s 39.19S 174.94E 222km M=3.9
0.3 0.02 0.04 3
Rsd 0.1s 22ph/18stn Dmin 39km Az.gap 194°
Corr. -0.121 19M/17stn Msd 0.3 1↑

95/17130
DEC 19 1915 40.7s 36.67S 178.23E 12km M=3.8
0.7 0.04 0.04 R
Rsd 0.3s 6ph/4stn Dmin 103km Az.gap 269°
Corr. 0.773 6M/5stn Msd 0.6

95/17135
DEC 19 2246 59.0s 46.80S 165.47E 12km M=3.8
0.4 0.02 0.03 R
Rsd 0.2s 13ph/9stn Dmin 197km Az.gap 307°
Corr. 0.295 21M/16stn Msd 0.2

95/17148
DEC 20 0739 42.4s 38.44S 175.89E 162km M=4.2
0.5 0.04 0.02 3
Rsd 0.2s 24ph/20stn Dmin 70km Az.gap 201°
Corr. -0.620 29M/25stn Msd 0.2 9↑ 5↓

95/17158
DEC 20 1721 34.8s 35.13S 178.36E 166km M=3.7
0.7 0.09 0.09 16
Rsd 0.2s 7ph/4stn Dmin 274km Az.gap 344°
Corr. -0.593 3M/3stn Msd 0.2

95/17159
DEC 20 1729 00.7s 34.64S 178.58E 33km M=4.1
0.3 0.02 0.04 R
Rsd 0.1s 5ph/3stn Dmin 382km Az.gap 346°
Corr. -0.331 2M/2stn Msd 0.4

95/17161
DEC 20 1752 07.2s 37.42S 179.53E 12km M=3.6
0.6 0.04 0.04 R
Rsd 0.3s 9ph/5stn Dmin 111km Az.gap 303°
Corr. -0.136 6M/5stn Msd 0.2 1↑

95/17170
DEC 21 0132 05.8s 43.00S 171.86E 5km M=4.1
0.1 0.01 0.00 R
Rsd 0.1s 14ph/11stn Dmin 41km Az.gap 93°
Corr. -0.270 13M/7stn Msd 0.2 2↑ 2↓

95/17171
DEC 21 0206 29.7s 38.28S 175.86E 144km M=4.0
0.4 0.02 0.01 3
Rsd 0.2s 17ph/14stn Dmin 84km Az.gap 176°
Corr. -0.269 23M/21stn Msd 0.3 1↓

95/17173
DEC 21 0429 05.6s 37.63S 179.34E 12km M=3.6
0.7 0.04 0.05 R
Rsd 0.3s 5ph/3stn Dmin 92km Az.gap 331°
Corr. -0.449 3M/3stn Msd 0.2

95/17183
DEC 21 1252 34.5s 38.64S 175.86E 159km M=3.7
1.2 0.05 0.04 10
Rsd 0.4s 12ph/10stn Dmin 49km Az.gap 150°
Corr. -0.340 4M/2stn Msd 0.4

95/17194
DEC 22 0427 26.4s 42.99S 171.84E 5km M=3.7
0.1 0.01 0.00 R
Rsd 0.2s 17ph/11stn Dmin 42km Az.gap 95°
Corr. -0.333 8M/5stn Msd 0.2 3↑ 2↓

95/17201
DEC 22 1405 41.9s 45.16S 167.38E 119km M=3.8
0.4 0.01 0.02 3
Rsd 0.2s 16ph/12stn Dmin 38km Az.gap 192°
Corr. -0.308 8M/4stn Msd 0.1 2↑ 1↓

95/17203
DEC 22 1440 38.6s 39.26S 177.42E 43km M=3.6
0.2 0.01 0.01 3
Rsd 0.3s 19ph/13stn Dmin 28km Az.gap 135°
Corr. -0.197 11M/9stn Msd 0.4 1↑

95/17219
DEC 22 2305 21.2s 39.84S 175.15E 92km M=4.1
0.2 0.01 0.01 3
Rsd 0.2s 44ph/30stn Dmin 19km Az.gap 70°
Corr. 0.207 21M/18stn Msd 0.2 8↑ 4↓

95/17220
DEC 22 2343 24.7s 38.78S 175.87E 190km M=3.8
0.3 0.05 0.02 5
Rsd 0.1s 12ph/11stn Dmin 207km Az.gap 321°
Corr. -0.615 4M/4stn Msd 0.2

95/17230
DEC 23 0646 56.8s 42.95S 171.82E 5km M=3.5
0.1 0.01 0.00 R
Rsd 0.2s 13ph/8stn Dmin 41km Az.gap 98°
Corr. -0.325 14M/8stn Msd 0.2 1↑

95/17236
DEC 23 1443 18.4s 38.79S 175.81E 120km M=4.7
0.2 0.01 0.01 2
Rsd 0.2s 45ph/40stn Dmin 27km Az.gap 43°
Corr. -0.170 8M/4stn Msd 0.2 8↑ 11↓

95/17239
DEC 23 1940 40.3s 43.55S 169.54E 5km M=3.2
0.3 0.02 0.02 R
Rsd 0.1s 13ph/11stn Dmin 106km Az.gap 175°
Corr. -0.836 12M/10stn Msd 0.3
Felt Mahitahi (104) MM4.

95/17247
DEC 24 0005 23.7s 37.96S 179.24E 12km M=3.6
0.6 0.02 0.03 R
Rsd 0.2s 6ph/4stn Dmin 87km Az.gap 300°
Corr. 0.157 4M/4stn Msd 0.3 1↑

95/17252
DEC 24 0545 59.0s 40.81S 174.43E 57km M=3.7
0.1 0.01 0.01 3
Rsd 0.2s 48ph/36stn Dmin 42km Az.gap 74°
Corr. -0.137 20M/17stn Msd 0.2 1↑

95/17261
DEC 24 1330 52.1s 39.47S 177.58E 31km M=3.7
0.3 0.01 0.01 3
Rsd 0.2s 24ph/20stn Dmin 40km Az.gap 180°
Corr. -0.607 34M/30stn Msd 0.2

95/17315
DEC 26 0438 50.6s 41.39S 175.12E 27km M=3.6
0.1 0.01 0.01 1
Rsd 0.2s 31ph/25stn Dmin 11km Az.gap 123°
Corr. -0.239 30M/26stn Msd 0.2 9↑ 2↓
Felt Gracefield (68).

95/17329
DEC 26 0730 30.2s 39.89S 173.85E 223km M=3.9
0.6 0.02 0.02 5
Rsd 0.3s 30ph/26stn Dmin 62km Az.gap 140°
Corr. -0.440 18M/16stn Msd 0.2 1↑ 1↓

95/17338
DEC 26 1110 24.8s 43.02S 171.46E 5km M=4.3
0.1 0.01 0.01 R
Rsd 0.2s 19ph/17stn Dmin 71km Az.gap 135°
Corr. -0.559 19M/10stn Msd 0.2 3↑ 2↓

95/17339
DEC 26 1129 30.7s 38.23S 176.08E 157km M=3.7
1.2 0.07 0.08 10
Rsd 0.5s 11ph/9stn Dmin 90km Az.gap 244°
Corr. -0.557 9M/8stn Msd 0.1 1↑

95/17340
DEC 26 1133 29.9s 46.13S 165.88E 33km M=3.5
0.7 0.03 0.05 R
Rsd 0.3s 8ph/6stn Dmin 123km Az.gap 289°
Corr. 0.034 9M/5stn Msd 0.1 1↓

95/17366
DEC 26 2205 00.9s 38.94S 175.33E 208km M=3.8
0.8 0.04 0.06 6
Rsd 0.3s 19ph/14stn Dmin 13km Az.gap 197°
Corr. -0.428 23M/21stn Msd 0.2 1↑

95/17375
DEC 27 0839 56.2s 37.41S 179.46E 12km M=3.9
0.4 0.02 0.03 R
Rsd 0.1s 13ph/10stn Dmin 104km Az.gap 287°
Corr. 0.058 15M/14stn Msd 0.3 1↓

95/17385
DEC 27 1420 01.2s 38.15S 176.27E 166km M=4.4
0.3 0.01 0.01 2
Rsd 0.2s 44ph/37stn Dmin 7km Az.gap 80°
Corr. 0.056 29M/25stn Msd 0.2 8↑ 4↓

95/17397
DEC 28 0209 27.4s 45.30S 167.34E 70km M=3.5
0.2 0.01 0.01 2
Rsd 0.1s 19ph/11stn Dmin 24km Az.gap 176°
Corr. -0.076 19M/13stn Msd 0.2 1↑ 1↓

95/17408
DEC 28 1250 18.1s 41.27S 172.58E 213km M=3.8
0.3 0.02 0.02 2
Rsd 0.2s 24ph/16stn Dmin 49km Az.gap 125°
Corr. -0.180 8M/7stn Msd 0.2 1↑

95/17412
DEC 28 1831 51.5s 37.63S 179.35E 33km M=3.6
0.6 0.04 0.04 R
Rsd 0.3s 7ph/4stn Dmin 93km Az.gap 314°
Corr. -0.051 4M/4stn Msd 0.4 1↑ 1↓

95/17437
DEC 29 1856 05.1s 37.12S 177.44E 5km M=4.0
0.3 0.03 0.01 R
Rsd 0.3s 14ph/11stn Dmin 51km Az.gap 185°
Corr. 0.345 22M/18stn Msd 0.3 1↑ 2↓

95/17452
DEC 30 0118 05.3s 40.34S 173.44E 151km M=3.8
0.4 0.01 0.01 4
Rsd 0.2s 30ph/23stn Dmin 66km Az.gap 147°
Corr. -0.165 17M/15stn Msd 0.2 3↑ 3↓

95/17458
DEC 30 0521 40.6s 43.68S 169.53E 12km M=3.8
0.3 0.03 0.02 R
Rsd 0.3s 20ph/15stn Dmin 99km Az.gap 170°
Corr. -0.704 23M/19stn Msd 0.3 1↑ 1↓

95/17468
DEC 30 1157 51.4s 37.32S 177.38E 5km M=3.5
0.3 0.02 0.01 R
Rsd 0.3s 14ph/10stn Dmin 29km Az.gap 178°
Corr. 0.188 15M/12stn Msd 0.3 1↑

95/17473
DEC 30 1244 31.0s 40.92S 179.41W 12km M=4.1
1.9 0.08 0.13 R
Rsd 0.7s 26ph/23stn Dmin 337km Az.gap 280°
Corr. -0.718 29M/27stn Msd 0.3

95/17474
DEC 30 1427 02.4s 37.36S 176.57E 220km M=4.5
0.3 0.02 0.01 3
Rsd 0.2s 27ph/22stn Dmin 102km Az.gap 148°
Corr. 0.556 29M/25stn Msd 0.2 1↓

95/17496
DEC 31 0737 04.3s 41.10S 174.56E 44km M=3.6
0.1 0.01 0.01 1
Rsd 0.2s 32ph/30stn Dmin 19km Az.gap 68°
Corr. -0.193 18M/15stn Msd 0.2 6↑ 2↓

95/17523
DEC 31 2251 20.3s 40.42S 176.49E 39km M=3.9
0.1 0.01 0.01 3
Rsd 0.2s 48ph/38stn Dmin 28km Az.gap 178°
Corr. -0.381 25M/22stn Msd 0.2 6↑ 5↓

95/17524
DEC 31 2254 50.1s 40.42S 176.47E 42km M=3.6
0.1 0.01 0.01 2
Rsd 0.2s 38ph/27stn Dmin 28km Az.gap 179°
Corr. -0.439 18M/16stn Msd 0.2 1↑ 1↓

LISTS OF ORIGINS AND MAGNITUDE DETERMINATIONS

HIGHER MAGNITUDE EARTHQUAKES

A chronological list of 1995 New Zealand earthquakes of $M_L \geq 5.0$ follows. A reference number at the beginning of each entry identifies the origin with the instrumental data summary, and also with the listing of non-instrumental data (if there is any) that appears in a later section.

The letter "R" following a depth indicates that the depth was restricted to some likely value because the data did not provide sufficient constraint for the depth to be determined by calculation. Choice of the depth of restriction is usually made on the basis of the crustal phases observed or the predominant depth of shallow earthquakes in the epicentral area. (For sub-crustal earthquakes, depth restriction is seldom necessary.)

The letter "G" after a depth shows that the depth was restricted on the basis of information that could not be used by the location program, such as macroseismic information, overseas PKP observations etc.

The letter "F" following a magnitude indicates that at least one report of the earthquake being felt has been received by the Observatory.

In the following table, Rsd is as defined on page 32 and NP phases from NS recording stations have been used to determine the origins.

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
236	JAN 06	1546 34.1	41.30S	174.30E	69	5.2F	0.1	34	28
795	JAN 20	1925 52.9	38.14S	176.38E	162	5.0	0.2	55	49
1016	JAN 26	2032 43.3	38.43S	175.97E	162	5.3F	0.2	68	58
1463	FEB 05	2251 2.3	37.65S	179.49E	12R	7.0F	0.2	51	49
1470	FEB 05	2303 28.8	37.57S	179.22E	12R	5.0	0.1	30	28
1478	FEB 05	2312 10.7	37.72S	179.34E	12R	5.1	0.2	39	35
1481	FEB 05	2317 20.3	37.60S	179.39E	12R	5.7	0.2	36	33
1482	FEB 05	2318 18.0	37.67S	179.11E	12R	5.0	0.4	13	8
1483	FEB 05	2319 25.2	37.52S	179.27E	12R	5.1	0.3	24	17
1485	FEB 05	2320 22.7	37.61S	179.33E	12R	5.0	0.3	16	14
1487	FEB 05	2323 21.1	37.64S	179.36E	12R	5.6	0.2	37	34
1490	FEB 05	2326 28.7	37.52S	179.36E	12R	5.0	0.2	21	17
1491	FEB 05	2327 11.8	37.67S	179.35E	12R	5.1	0.2	10	7
1498	FEB 05	2332 36.4	37.53S	179.54E	12R	5.5	0.2	17	14
1499	FEB 05	2333 44.7	37.55S	179.49E	12R	5.0	0.2	13	10
1501	FEB 05	2343 10.2	37.73S	179.44E	15	5.7	0.2	49	45
1503	FEB 05	2345 5.6	37.67S	179.31E	12R	5.0	0.2	30	26
1504	FEB 05	2346 25.3	37.56S	179.32E	12R	5.1	0.2	36	29
1509	FEB 05	2353 0.4	37.77S	179.30E	12R	5.3	0.2	37	30
1510	FEB 05	2353 20.7	37.64S	179.34E	12R	5.5	0.2	32	26
1520	FEB 06	0002 41.4	37.72S	179.37E	12R	5.3	0.2	37	32
1531	FEB 06	0022 50.7	37.70S	179.34E	12R	5.6F	0.2	44	42
1547	FEB 06	0047 45.6	37.72S	179.40E	12R	5.0	0.2	39	34
1549	FEB 06	0052 13.4	37.76S	179.40E	12R	6.0F	0.1	50	46
1618	FEB 06	0257 8.1	37.73S	179.38E	12R	5.0	0.2	32	30
1630	FEB 06	0318 36.0	37.64S	179.43E	12R	5.1	0.2	40	35
1632	FEB 06	0325 32.4	37.54S	179.29E	12R	5.4	0.2	24	22
1698	FEB 06	0519 24.6	37.43S	179.45E	12R	5.6	0.2	42	40
1714	FEB 06	0600 24.0	37.81S	179.40E	12R	5.2	0.2	43	37
1715	FEB 06	0601 24.9	37.82S	179.34E	12R	5.3	0.2	19	16
1736	FEB 06	0634 5.2	37.51S	179.32E	12R	5.5	0.2	27	24
1765	FEB 06	0721 29.8	37.49S	179.27E	12R	5.2	0.2	38	33
1766	FEB 06	0725 56.4	37.49S	179.33E	12R	5.0	0.1	30	28
1771	FEB 06	0740 55.7	37.62S	178.98E	12R	5.0	0.2	27	24
1854	FEB 06	1019 48.6	37.87S	179.40E	12R	5.7	0.2	43	38
1873	FEB 06	1043 51.5	37.77S	179.54E	12R	5.8	0.2	41	38
1874	FEB 06	1044 49.6	37.89S	179.26E	12R	5.2	0.3	16	15
1875	FEB 06	1046 56.6	37.87S	179.23E	12R	5.1	0.2	31	29
1902	FEB 06	1115 16.5	37.58S	179.82E	12R	5.0	0.2	10	8
1907	FEB 06	1122 59.5	37.89S	179.42E	12R	5.9	0.2	43	41
1908	FEB 06	1124 50.8	37.76S	179.33E	12R	5.2	0.2	28	26
1909	FEB 06	1127 49.4	37.89S	179.32E	12R	5.0	0.2	22	18
1931	FEB 06	1207 49.1	37.83S	179.35E	12R	5.1	0.2	40	37
2045	FEB 06	1519 24.8	37.80S	179.48E	12R	5.9F	0.2	48	44
2083	FEB 06	1632 51.5	37.47S	179.39E	12R	5.1	0.1	39	37

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
2117	FEB 06	1803 34.4	37.83S	179.37E	12R	5.1	0.2	38	34
2136	FEB 06	1919 5.3	37.48S	179.27E	12R	5.2	0.2	32	30
2251	FEB 07	0256 13.9	37.93S	179.36E	12R	5.4	0.2	43	41
2257	FEB 07	0307 42.7	37.64S	179.67E	12R	5.0	0.2	34	34
2457	FEB 07	1506 59.6	37.72S	179.51E	12R	5.1	0.1	44	42
2558	FEB 08	0021 11.0	37.79S	179.45E	12R	5.0	0.2	47	44
2573	FEB 08	0125 25.3	37.94S	179.27E	12R	5.0	0.2	32	29
2651	FEB 08	0819 48.3	37.51S	179.54E	12R	5.0	0.1	43	41
2720	FEB 08	1258 53.5	37.40S	179.47E	12R	5.1	0.1	47	44
2799	FEB 08	1720 18.1	37.42S	179.48E	12R	5.3	0.1	43	43
2879	FEB 09	0135 0.9	37.46S	179.45E	12R	5.5	0.1	62	42
2887	FEB 09	0221 34.5	37.49S	179.46E	12R	5.7	0.2	55	40
2906	FEB 09	0345 50.8	37.48S	179.42E	12R	5.3	0.2	47	42
2947	FEB 09	0826 24.0	38.05S	179.17E	12R	5.3	0.2	17	14
2973	FEB 09	1035 5.0	37.89S	179.30E	12R	5.5	0.3	19	16
2982	FEB 09	1045 58.6	37.95S	179.25E	12R	5.0	0.3	32	29
2991	FEB 09	1056 37.8	37.95S	179.33E	12R	5.7	0.2	40	37
3014	FEB 09	1126 2.6	37.90S	179.30E	12R	5.1	0.2	38	34
3052	FEB 09	1253 54.5	37.98S	179.28E	12R	5.3	0.2	37	35
3139	FEB 09	1638 27.0	37.96S	179.36E	12R	5.1	0.2	32	30
3266	FEB 10	0106 43.7	37.96S	179.31E	12R	5.2	0.2	37	34
3282	FEB 10	0144 56.3	37.92S	179.51E	12R	6.5F	0.3	42	39
3286	FEB 10	0155 21.2	38.08S	179.15E	12R	5.2F	0.3	24	22
3289	FEB 10	0157 30.7	38.11S	179.13E	12R	5.0	0.2	15	14
3292	FEB 10	0200 48.8	37.90S	179.26E	12R	5.1	0.2	26	23
3304	FEB 10	0214 30.7	38.06S	179.26E	12R	5.4	0.2	37	34
3317	FEB 10	0239 23.8	38.13S	179.15E	12R	5.0	0.3	24	21
3630	FEB 10	2209 49.6	37.51S	179.39E	12R	5.2	0.2	39	37
3687	FEB 11	0201 51.8	37.88S	179.33E	12R	5.3	0.2	40	38
3699	FEB 11	0258 21.6	37.41S	179.45E	12R	5.1	0.1	36	34
3712	FEB 11	0355 46.1	38.13S	179.20E	12R	5.0	0.3	31	30
3829	FEB 11	1444 4.5	37.77S	179.48E	12R	5.5	0.2	42	39
3866	FEB 11	1737 15.2	37.81S	179.45E	12R	5.0	0.2	38	34
3875	FEB 11	1756 57.1	37.84S	179.46E	12R	5.0	0.2	31	27
3941	FEB 12	0139 33.8	37.85S	179.45E	12R	5.2	0.2	35	34
3956	FEB 12	0244 25.1	37.83S	179.46E	12R	5.5	0.2	42	40
3958	FEB 12	0251 17.5	37.78S	179.46E	12R	5.4F	0.2	42	39
4006	FEB 12	0709 39.0	37.62S	179.36E	12R	5.1	0.2	32	30
4039	FEB 12	1047 39.2	37.60S	179.43E	12R	5.0	0.1	27	25
4138	FEB 12	2123 44.2	37.92S	179.28E	12R	5.1	0.2	44	42
4153	FEB 12	2349 40.1	37.82S	179.45E	12R	5.0	0.2	36	32
4157	FEB 13	0011 44.0	37.46S	179.14E	12R	6.2F	0.2	33	32
4184	FEB 13	0157 1.7	37.46S	179.28E	12R	5.3	0.1	17	15
4186	FEB 13	0208 8.8	37.49S	179.21E	12R	5.4	0.2	30	28
4257	FEB 13	1218 52.4	38.63S	178.00E	33R	5.1F	0.2	46	44

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
4267	FEB 13	1318 31.5	37.81S	179.48E	12R	5.0	0.2	42	39
4485	FEB 15	0116 48.7	37.49S	179.53E	12R	5.8	0.1	43	41
4554	FEB 15	1432 6.9	37.43S	179.51E	12R	5.1	0.2	40	37
4610	FEB 15	2336 11.1	37.68S	179.43E	12R	5.4	0.2	36	35
4695	FEB 17	0100 16.8	37.71S	179.55E	12R	5.5F	0.2	43	42
5121	FEB 22	2318 3.0	36.24S	179.82W	33R	5.0	0.1	24	20
5144	FEB 23	0755 6.2	37.45S	179.66E	12R	5.1	0.1	31	31
5430	FEB 27	0904 14.0	37.52S	179.42E	12R	5.6	0.2	36	35
5798	MAR 03	2030 13.9	38.35S	176.02E	159	5.1	0.2	57	53
5827	MAR 04	1001 10.2	34.54S	179.31E	268	5.2	0.2	38	34
6239	MAR 11	0009 54.3	45.24S	167.26E	94	5.2F	0.1	16	14
6806	MAR 22	1943 30.9	41.05S	174.18E	90	6.5F	0.2	41	32
6887	MAR 24	2246 13.4	34.21S	177.24E	33R	5.2	0.1	6	4
7435	APR 03	1659 30.4	38.36S	179.12E	12R	5.0	0.1	33	31
7789	APR 11	0820 6.0	37.18S	178.90E	33R	5.0	0.2	35	31
7948	APR 14	2308 2.1	37.03S	178.44E	62	5.9F	0.1	39	36
8235	APR 20	2221 3.9	37.79S	179.25E	12R	5.1	0.2	51	45
8694	MAY 02	1316 53.3	39.04S	175.38E	156	5.5F	0.2	65	56
9642	MAY 27	2008 52.3	38.98S	175.03E	229	5.4	0.3	52	48
9688	MAY 29	1006 42.3	42.94S	171.60E	4	6.0F	0.1	21	12
9931	JUN 03	2058 59.2	33.21S	179.37W	432	6.7F	0.2	36	33
10658	JUL 03	0203 0.9	37.03S	177.57E	12R	5.1	0.2	16	14
11244	JUL 31	2303 38.6	37.01S	177.60E	155	5.1	0.3	21	18
11272	AUG 01	2231 22.6	38.58S	175.77E	147	5.1F	0.1	28	24
11542	AUG 09	0717 47.0	35.76S	178.46E	217	5.1	0.4	14	12
11906	AUG 22	0021 27.3	41.38S	173.96E	81	5.5F	0.2	28	23
12013	AUG 26	1145 47.2	35.21S	178.79E	289	5.4	0.1	20	17
12200	SEP 03	1751 39.2	37.87S	176.67E	160	5.2	0.2	35	31
12619	SEP 19	2252 24.9	39.61S	174.26E	205	6.6F	0.2	46	37
12860	SEP 26	1653 35.3	44.23S	168.32E	5R	5.3F	0.1	16	12
13078	SEP 30	1317 14.8	37.63S	179.43E	12R	5.0	0.2	20	17
13541	OCT 12	1220 45.0	37.91S	179.35E	12R	5.0	0.2	21	19
14211	OCT 28	1623 31.7	39.60S	174.28E	187	5.0F	0.2	53	44
14251	OCT 29	1404 50.2	36.23S	177.95E	189	5.0	0.2	35	30
14380	NOV 01	2330 46.3	38.14S	176.14E	171	5.2	0.2	47	38
14865	NOV 15	1911 10.6	37.19S	177.31E	133	5.0	0.1	27	24
15161	NOV 24	0618 57.9	42.95S	171.82E	7	6.3F	0.2	26	19
15399	NOV 24	0921 10.1	37.41S	179.51E	12R	5.2	0.2	18	16
15768	NOV 25	0816 17.2	42.93S	171.84E	6	5.2F	0.2	28	19
16100	NOV 27	1935 25.4	37.50S	176.47E	222	5.4	0.2	37	32
17022	DEC 16	0738 14.0	35.76S	178.37E	199	5.5	0.2	34	31
17094	DEC 18	2050 32.6	37.49S	177.51E	105	5.5F	0.2	36	28

WELLINGTON AREA SEISMICITY

Because of its close station spacing and the relative ease with which stations can be reached when repairs or adjustments are necessary, the Wellington Network can be relied on to furnish enough data for determination of earthquake origins in its neighbourhood from smaller events than those needed to achieve the same accuracy in other parts of the country. The following list includes all earthquakes of magnitude (M_L) 2.0 or more in the area surrounding Wellington, and includes the earthquakes of magnitude 3.5 or more within the area, which were listed on earlier pages.

The location of earthquakes in the neighbourhood of Wellington is no longer performed separately from the location of regional earthquakes as was done in the past. The old practice sometimes resulted in earthquakes having two listed origins, one arrived at from use of National Network data and a regional velocity model, and the other from Wellington Network data and a local model. In current practice the local model is merged into the regional model. A map of these epicentres and a cross-section showing their distribution in depth appears in the final section of this Report.

In the following table, Rsd is as defined on page 32 and NP phases from NS recording stations have been used to determine the origins.

The regional velocity model and its boundaries are listed in the table on page 27.

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
006	JAN 01	0105 2.7	40.50S	174.64E	45	2.5	0.1	7	5
008	JAN 01	0129 19.7	41.73S	174.30E	5R	2.3	0.3	9	6
026	JAN 01	1057 15.9	40.79S	175.12E	34	2.2	0.2	8	5
029	JAN 01	1234 8.8	41.41S	175.34E	40	2.4	0.1	7	5
032	JAN 01	1457 45.8	40.98S	175.44E	17	2.4	0.2	10	7
034	JAN 01	1636 28.5	40.94S	174.08E	59	2.5	0.2	8	6
035	JAN 01	1644 39.8	40.80S	174.25E	45	3.1	0.3	15	10
037	JAN 01	1739 45.3	41.00S	175.50E	14	2.9	0.2	12	9
040	JAN 01	2145 24.1	40.97S	175.27E	20	2.5	0.2	14	10
043	JAN 01	2353 51.8	41.93S	174.02E	12R	3.1	0.3	16	12
049	JAN 02	0615 20.1	41.36S	175.03E	5R	2.2	0.3	10	8
059	JAN 02	1128 19.8	40.96S	175.72E	24	2.6	0.1	8	6
091	JAN 03	1308 28.3	40.83S	174.73E	5R	2.1	0.2	6	4
092	JAN 03	1356 26.7	40.91S	175.79E	30	2.1	0.2	9	7
093	JAN 03	1430 51.8	41.05S	174.72E	30	2.0	0.1	9	8
095	JAN 03	1548 50.8	40.61S	174.17E	71	2.4	0.1	6	4
099	JAN 03	2016 15.9	40.83S	174.70E	15	2.3	0.3	13	9
101	JAN 03	2027 49.2	40.90S	175.80E	30	2.8	0.2	14	11
107	JAN 04	0024 14.2	40.85S	175.60E	22	3.5	0.3	24	19
110	JAN 04	0125 11.0	41.33S	174.99E	28	2.9	0.1	16	12
111	JAN 04	0214 3.7	41.27S	175.23E	30	2.7	0.1	14	10
120	JAN 04	0611 36.7	41.75S	174.45E	25	2.5	0.2	18	14
121	JAN 04	0656 58.3	41.06S	173.88E	55	2.6	0.2	9	7
125	JAN 04	0951 39.2	40.87S	174.74E	14	2.0	0.2	14	11
128	JAN 04	1029 18.8	40.96S	175.99E	30	2.4	0.2	11	8

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
138	JAN 04	1259 12.1	40.95S	174.90E	62	2.1	0.1	9	8
141	JAN 04	1525 22.8	41.15S	174.56E	21	2.0	0.2	12	10
157	JAN 04	2248 38.9	41.34S	175.26E	27	2.3	0.1	13	10
158	JAN 04	2258 18.2	41.69S	174.46E	26	2.3	0.2	11	10
172	JAN 05	0059 52.4	41.33S	174.41E	33R	2.3	0.1	8	5
182	JAN 05	1023 7.9	40.94S	174.57E	12R	2.0	0.1	6	4
194	JAN 05	2139 27.4	40.71S	175.04E	33	2.4	0.1	8	6
197	JAN 05	2231 55.9	41.08S	174.82E	54	2.1	0.1	6	5
210	JAN 06	0418 42.6	41.28S	174.01E	52	2.9	0.2	21	16
213	JAN 06	0502 50.5	40.94S	174.66E	49	2.4	0.1	10	8
223	JAN 06	0831 13.2	40.51S	175.65E	34	2.6	0.4	15	13
234	JAN 06	1525 12.3	40.66S	174.59E	53	2.4	0.1	8	5
236	JAN 06	1546 34.1	41.30S	174.30E	69	5.2F	0.1	34	28
238	JAN 06	1718 42.4	40.76S	175.04E	37	2.2	0.2	7	5
240	JAN 06	1857 18.8	40.76S	175.08E	35	2.4	0.1	10	8
247	JAN 07	0329 6.8	41.85S	174.39E	22	2.7	0.1	11	9
250	JAN 07	0550 20.7	41.27S	174.30E	67	3.3	0.2	25	20
259	JAN 07	1207 51.7	41.68S	174.24E	7	2.3	0.2	9	7
261	JAN 07	1521 52.5	40.73S	175.81E	31	3.8	0.2	17	13
274	JAN 08	0904 36.2	41.38S	174.99E	26	2.5	0.2	18	13
278	JAN 08	1016 17.1	41.82S	174.36E	25	2.0	0.1	7	5
279	JAN 08	1035 42.1	40.82S	175.60E	27	2.1	0.1	11	8
280	JAN 08	1056 41.8	41.75S	173.62E	5R	2.4	0.2	9	7
290	JAN 08	1620 42.4	41.34S	174.99E	28	2.5	0.1	10	8
291	JAN 08	1632 38.2	40.67S	174.56E	46	2.4	0.2	10	7
316	JAN 09	1728 36.7	41.00S	174.80E	50	2.6	0.1	12	10
320	JAN 09	2023 47.5	40.54S	175.89E	32	2.8	0.2	12	9
324	JAN 10	0229 14.6	40.78S	175.07E	36	2.0	0.1	7	6
331	JAN 10	0632 45.5	40.65S	174.67E	33R	2.3	0.4	7	6
332	JAN 10	0632 49.3	40.95S	175.99E	27	2.6	0.2	12	9
334	JAN 10	0755 9.7	41.73S	174.10E	34	2.6	0.2	19	17
346	JAN 10	1013 37.8	40.90S	175.78E	31	2.0	0.2	10	8
347	JAN 10	1046 13.4	41.33S	173.51E	87	3.4	0.2	21	17
371	JAN 10	2122 26.0	41.05S	174.45E	61	3.0	0.1	17	13
386	JAN 11	0815 53.1	41.79S	174.53E	29	2.0	0.2	8	7
387	JAN 11	0856 6.3	40.78S	175.13E	31	2.8	0.2	22	16
398	JAN 11	1758 9.9	41.65S	174.28E	10	3.1	0.2	20	16
403	JAN 11	2149 2.6	41.83S	174.17E	12R	2.6	0.3	10	6
418	JAN 12	0609 22.8	41.28S	175.30E	30	2.3	0.2	14	10
428	JAN 12	0944 48.9	40.91S	174.23E	76	2.3	0.2	11	8
430	JAN 12	1131 58.8	40.83S	175.89E	31	2.2	0.2	12	9
437	JAN 12	1448 27.8	41.11S	174.10E	33R	2.2	0.1	8	6
462	JAN 12	1956 45.3	41.02S	174.10E	57	2.7	0.2	17	13
463	JAN 12	2021 25.5	40.71S	175.37E	29	2.4	0.2	11	9
464	JAN 12	2043 27.9	41.72S	174.52E	28	2.2	0.2	14	12

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
501	JAN 13	1420 53.8	40.72S	175.93E	28	2.4	0.3	16	13
502	JAN 13	1514 47.9	41.07S	174.25E	52	2.3	0.2	14	10
513	JAN 13	1928 20.7	41.29S	174.30E	34	2.7	0.2	21	16
523	JAN 14	0354 20.1	40.95S	174.92E	31	2.0	0.0	10	7
525	JAN 14	0522 25.3	41.30S	173.51E	84	2.6	0.2	17	13
526	JAN 14	0710 16.1	41.81S	174.36E	52	3.0	0.2	21	15
528	JAN 14	0748 3.6	41.42S	174.45E	57	2.4	0.2	11	10
531	JAN 14	0913 35.7	40.89S	175.83E	29	2.4	0.2	11	8
540	JAN 14	1240 18.1	40.81S	175.20E	54	2.7	0.1	15	13
556	JAN 14	1747 9.1	41.03S	174.47E	60	2.1	0.1	10	7
562	JAN 14	2049 30.9	41.13S	173.52E	98	2.6	0.2	13	9
579	JAN 15	1040 3.1	40.84S	175.82E	32	2.0	0.2	10	8
583	JAN 15	1120 0.4	40.81S	175.13E	30	3.7	0.2	34	29
584	JAN 15	1122 45.3	40.80S	175.08E	30	2.1	0.1	9	7
599	JAN 15	2129 57.8	41.66S	174.99E	31	2.9	0.2	21	16
601	JAN 15	2217 21.5	40.79S	174.66E	58	2.4	0.0	10	8
613	JAN 16	0543 49.8	40.97S	174.64E	56	2.3	0.1	10	7
617	JAN 16	0707 47.6	41.24S	175.80E	24	2.2	0.0	9	5
627	JAN 16	1525 18.9	41.28S	175.12E	23	2.0	0.2	7	6
657	JAN 17	1136 13.1	40.80S	175.08E	22	2.6	0.3	18	15
658	JAN 17	1149 16.6	41.39S	174.18E	32	2.6	0.2	14	13
676	JAN 17	1816 44.0	40.78S	175.07E	27	2.4	0.2	13	11
681	JAN 18	0031 34.4	40.56S	175.08E	31	2.5	0.1	15	13
688	JAN 18	0309 49.5	40.77S	175.12E	35	2.2	0.1	9	7
689	JAN 18	0501 47.7	40.88S	174.93E	15	2.1	0.2	13	10
700	JAN 18	0853 23.1	40.76S	174.80E	10	2.3	0.2	11	9
705	JAN 18	1127 54.8	40.63S	175.73E	31	2.3	0.3	12	9
715	JAN 18	1521 42.1	41.23S	173.80E	98	2.4	0.0	8	6
716	JAN 18	1527 21.3	40.69S	175.02E	33	2.2	0.1	6	5
760	JAN 19	2034 20.3	40.87S	175.42E	26	2.1	0.2	9	6
768	JAN 20	0112 53.2	41.27S	175.35E	22	2.0	0.1	7	5
769	JAN 20	0114 12.8	41.60S	173.98E	15	2.5	0.2	12	9
770	JAN 20	0121 19.3	41.84S	174.06E	20	2.8	0.3	17	14
777	JAN 20	1034 43.1	40.79S	175.08E	31	2.3	0.1	11	7
807	JAN 21	0356 47.9	41.16S	174.83E	43	2.1	0.0	6	3
812	JAN 21	0606 30.5	40.64S	175.74E	24	2.6	0.2	13	9
821	JAN 21	1104 44.1	41.54S	174.14E	33	2.3	0.2	13	11
822	JAN 21	1224 20.3	41.08S	175.51E	30	2.5	0.1	13	10
832	JAN 21	1510 35.2	41.30S	174.42E	34	2.0	0.2	9	7
838	JAN 21	2104 1.9	41.92S	174.06E	12R	3.0	0.1	13	10
847	JAN 22	0850 48.0	41.92S	174.25E	24	2.6	0.2	13	11
868	JAN 22	2035 58.9	40.89S	175.49E	28	2.3	0.1	10	7
886	JAN 23	0502 47.8	40.53S	173.71E	116	2.8	0.1	14	10
889	JAN 23	0644 54.3	41.52S	174.49E	19	3.0	0.2	20	16
902	JAN 23	1205 49.3	40.73S	174.75E	38	2.4	0.2	11	8

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
907	JAN 23	1515 44.5	41.87S	174.23E	29	2.4	0.3	15	10
908	JAN 23	1720 29.0	40.52S	174.36E	27	2.2	0.3	7	5
909	JAN 23	1723 11.5	40.76S	175.10E	31	2.6	0.1	11	9
910	JAN 23	1746 56.7	40.89S	175.47E	25	2.2	0.2	8	6
919	JAN 23	2306 42.6	41.21S	173.65E	67	2.4	0.2	9	6
923	JAN 24	0214 5.0	41.15S	174.67E	38	2.0	0.1	9	8
928	JAN 24	0517 14.3	41.46S	174.50E	52	2.3	0.2	12	10
944	JAN 24	1904 14.0	40.77S	175.12E	30	2.1	0.2	7	5
945	JAN 24	2225 25.3	41.63S	174.29E	5R	2.0	0.2	10	6
951	JAN 25	0141 29.6	41.24S	175.23E	17	2.1	0.1	9	7
969	JAN 25	1154 36.5	40.55S	174.09E	84	3.4	0.2	38	31
982	JAN 25	2159 26.5	40.58S	175.53E	46	2.0	0.0	4	3
1023	JAN 26	2246 51.2	41.64S	174.79E	26	2.4	0.2	13	10
1024	JAN 27	0036 37.9	41.65S	174.79E	26	2.5	0.2	16	12
1032	JAN 27	0615 2.8	40.93S	175.00E	47	2.1	0.1	12	9
1034	JAN 27	0629 0.8	41.07S	174.35E	59	3.0	0.1	18	15
1057	JAN 27	1923 43.8	40.83S	175.67E	25	2.6	0.2	14	11
1093	JAN 28	1141 0.5	40.58S	174.52E	78	2.0	0.2	8	6
1094	JAN 28	1149 39.1	40.92S	174.52E	43	2.0	0.1	8	6
1099	JAN 28	1354 37.4	41.31S	173.83E	65	2.2	0.2	9	7
1107	JAN 28	1626 26.2	41.14S	174.35E	34	2.2	0.2	9	7
1115	JAN 28	2200 2.6	40.52S	174.40E	68	2.3	0.3	8	5
1131	JAN 29	0115 4.1	41.06S	174.23E	50	2.4	0.1	13	11
1139	JAN 29	0559 29.0	40.59S	174.47E	49	2.1	0.2	8	6
1154	JAN 29	1608 10.2	41.05S	175.46E	9	2.1	0.2	13	10
1178	JAN 30	1125 49.7	40.71S	175.02E	33	2.1	0.1	11	8
1180	JAN 30	1158 20.9	40.93S	175.20E	32	2.3	0.2	11	8
1188	JAN 30	1545 21.7	40.98S	175.61E	27	2.6	0.1	15	11
1190	JAN 30	1820 56.8	40.74S	174.37E	51	2.1	0.1	8	5
1191	JAN 30	1913 38.5	40.51S	175.92E	23	2.4	0.4	14	11
1203	JAN 31	0425 56.3	40.85S	174.56E	39	2.3	0.1	9	6
1210	JAN 31	0813 5.6	41.28S	175.30E	24	2.1	0.1	12	8
1226	JAN 31	1435 27.0	40.51S	174.21E	63	2.5	0.3	13	7
1228	JAN 31	1443 26.3	40.74S	174.54E	71	2.4	0.2	11	9
1229	JAN 31	1449 20.4	41.02S	174.55E	39	2.0	0.1	9	6
1230	JAN 31	1609 37.3	41.04S	175.46E	25	2.1	0.1	11	7
1231	JAN 31	1618 6.8	41.51S	175.52E	28	2.0	0.2	9	7
1242	JAN 31	1927 32.8	40.50S	175.49E	36	2.3	0.1	10	8
1252	FEB 01	0111 2.1	40.89S	175.49E	26	2.0	0.1	10	7
1266	FEB 01	0845 40.5	41.07S	173.80E	75	2.9	0.2	14	10
1267	FEB 01	0855 35.3	41.17S	173.64E	87	2.4	0.2	9	7
1268	FEB 01	0901 20.6	40.54S	175.79E	37	2.5	0.3	6	3
1269	FEB 01	0928 18.3	41.28S	175.17E	23	2.1	0.1	9	8
1271	FEB 01	1029 56.9	40.94S	174.03E	54	2.1	0.2	11	9
1274	FEB 01	1217 25.6	40.93S	175.77E	30	2.2	0.2	10	7

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
1275	FEB 01	1349 34.3	40.96S	175.61E	31	2.0	0.3	9	6
1276	FEB 01	1358 15.2	41.53S	174.26E	15	2.3	0.2	19	14
1278	FEB 01	1405 31.5	41.21S	173.62E	91	2.6	0.2	19	12
1280	FEB 01	1417 36.3	40.63S	175.88E	32	2.0	0.1	5	3
1295	FEB 02	0103 2.6	41.45S	174.33E	14	2.8	0.2	20	16
1304	FEB 02	0820 45.2	40.90S	175.77E	28	2.7	0.2	16	12
1326	FEB 02	2359 28.5	41.10S	175.86E	31	2.4	0.2	11	8
1333	FEB 03	0333 23.2	40.95S	174.93E	34	2.0	0.1	7	5
1335	FEB 03	0448 47.7	41.05S	174.81E	30	2.1	0.1	9	7
1336	FEB 03	0534 52.2	40.73S	173.99E	73	2.3	0.1	9	6
1347	FEB 03	0909 4.8	41.76S	174.35E	5R	2.2	0.3	14	11
1348	FEB 03	0941 19.2	41.75S	174.34E	5R	2.2	0.2	11	9
1349	FEB 03	0958 31.7	41.76S	174.36E	5R	2.3	0.3	15	12
1362	FEB 03	1521 40.9	40.61S	174.44E	40	2.4	0.3	12	9
1365	FEB 03	1724 37.8	41.70S	174.46E	21	2.4	0.3	16	13
1366	FEB 03	1757 55.3	41.69S	174.16E	9	2.4	0.3	13	11
1367	FEB 03	1816 30.2	41.34S	175.63E	26	2.9	0.2	20	17
1369	FEB 03	2028 11.5	41.74S	174.34E	5R	3.1	0.3	22	18
1372	FEB 03	2059 38.8	41.75S	174.35E	5R	2.3	0.3	14	11
1376	FEB 03	2158 10.4	40.50S	174.47E	60	2.4	0.1	12	10
1380	FEB 04	0414 37.9	41.01S	174.74E	52	2.1	0.1	9	8
1386	FEB 04	0705 20.7	41.04S	175.26E	23	2.0	0.1	10	8
1396	FEB 04	1356 24.9	40.97S	175.37E	11	2.2	0.3	13	10
1400	FEB 04	1508 58.2	41.37S	173.58E	76	3.4	0.3	25	18
1406	FEB 04	1622 34.6	40.80S	175.57E	30	2.0	0.2	8	6
1427	FEB 05	0006 26.3	40.77S	175.49E	28	2.4	0.1	13	8
1429	FEB 05	0036 17.8	41.79S	174.43E	52	2.7	0.2	20	15
1438	FEB 05	0420 43.6	41.37S	175.01E	28	2.6	0.2	16	12
1441	FEB 05	0724 42.2	40.54S	175.22E	41	2.2	0.2	10	8
1601	FEB 06	0228 56.5	40.51S	174.73E	74	2.7	0.1	10	8
1737	FEB 06	0634 6.6	41.09S	175.20E	22	2.7	0.1	13	9
1949	FEB 06	1233 32.7	40.87S	174.77E	17	2.4	0.2	14	10
1993	FEB 06	1343 47.9	40.58S	174.91E	5R	2.7	0.4	18	12
2035	FEB 06	1505 2.8	40.78S	174.59E	39	2.4	0.1	12	10
2263	FEB 07	0318 29.7	41.21S	174.34E	56	2.3	0.1	12	10
2360	FEB 07	0859 43.6	41.74S	174.33E	6	2.3	0.3	14	12
2462	FEB 07	1517 24.1	41.15S	173.56E	78	2.4	0.2	10	7
2500	FEB 07	1755 32.3	41.33S	174.97E	26	2.4	0.1	13	11
2515	FEB 07	1920 13.8	41.10S	174.88E	27	2.2	0.2	10	7
2595	FEB 08	0447 22.3	40.65S	174.65E	38	2.6	0.2	15	12
2615	FEB 08	0600 43.7	41.64S	174.40E	8	3.1	0.3	24	19
2648	FEB 08	0813 41.3	41.65S	174.41E	5R	2.3	0.2	20	16
2798	FEB 08	1716 12.1	41.66S	174.40E	12R	2.1	0.3	17	13
2839	FEB 08	2054 32.3	40.98S	175.55E	11	2.7	0.2	16	13
2911	FEB 09	0423 31.6	41.25S	174.40E	34	2.8	0.1	13	12

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
2912	FEB 09	0431 30.8	40.63S	175.50E	31	2.0	0.2	8	7
2927	FEB 09	0628 29.6	40.77S	174.59E	72	4.3F	0.2	40	34
2941	FEB 09	0720 40.6	41.10S	174.16E	45	2.1	0.1	10	7
3209	FEB 09	2113 11.8	40.70S	175.48E	28	3.0	0.3	27	22
3256	FEB 10	0019 57.8	40.76S	174.79E	15	2.5	0.2	16	12
3350	FEB 10	0340 41.9	41.61S	174.01E	12R	2.2	0.3	13	11
3468	FEB 10	0901 17.6	41.49S	175.21E	23	2.3	0.1	10	8
3517	FEB 10	1138 17.6	40.56S	174.02E	75	2.1	0.1	9	6
3560	FEB 10	1539 15.3	40.61S	174.27E	46	2.2	0.2	10	7
3603	FEB 10	1918 50.2	40.85S	175.81E	29	2.2	0.3	9	8
3662	FEB 11	0020 10.1	41.22S	174.58E	54	2.0	0.1	13	11
3678	FEB 11	0126 42.2	41.08S	174.72E	34	2.0	0.1	12	8
3883	FEB 11	1852 36.1	41.02S	174.55E	38	2.4	0.1	14	11
3951	FEB 12	0211 32.3	40.64S	174.33E	79	2.8	0.1	17	12
3985	FEB 12	0454 52.5	40.50S	174.41E	26	2.3	0.4	12	9
4018	FEB 12	0904 55.4	41.28S	174.71E	33	2.5	0.1	11	10
4025	FEB 12	0931 5.1	41.30S	174.58E	37	2.0	0.3	8	6
4064	FEB 12	1227 39.5	40.96S	174.77E	31	2.6	0.1	13	10
4065	FEB 12	1230 51.7	41.56S	173.85E	45	2.7	0.3	23	16
4114	FEB 12	1837 43.2	41.30S	174.94E	36	2.2	0.1	11	9
4195	FEB 13	0305 24.8	40.77S	174.78E	36	2.1	0.2	10	7
4240	FEB 13	0958 57.8	41.76S	174.54E	32	2.3	0.2	15	12
4296	FEB 13	1609 42.1	41.85S	174.05E	12R	3.1	0.3	16	15
4305	FEB 13	1714 58.8	41.30S	173.72E	71	2.8	0.3	17	13
4319	FEB 13	2043 28.3	40.76S	174.59E	67	2.3	0.1	12	8
4320	FEB 13	2047 18.1	41.32S	173.77E	51	2.4	0.2	11	7
4362	FEB 14	0505 59.4	41.43S	174.62E	21	2.6	0.2	18	15
4375	FEB 14	0646 51.2	41.59S	174.68E	30	2.5	0.2	12	10
4381	FEB 14	0901 42.0	40.62S	174.14E	57	2.1	0.2	8	6
4383	FEB 14	0905 47.0	40.69S	175.48E	26	2.7	0.3	21	18
4411	FEB 14	1332 28.1	41.41S	174.28E	35	2.3	0.2	17	13
4433	FEB 14	1615 58.8	41.47S	174.32E	28	2.5	0.2	18	16
4544	FEB 15	1158 25.9	41.41S	173.77E	54	2.6	0.3	21	16
4555	FEB 15	1442 26.7	41.07S	174.60E	58	2.6	0.1	20	14
4622	FEB 16	0349 39.5	40.85S	174.80E	17	2.0	0.2	11	7
4629	FEB 16	0603 24.6	40.67S	174.41E	75	2.3	0.1	10	8
4698	FEB 17	0105 59.8	41.68S	174.49E	50	3.3	0.2	20	18
4727	FEB 17	0917 33.8	40.82S	175.70E	24	2.4	0.2	11	9
4738	FEB 17	1339 11.1	41.16S	173.62E	99	2.4	0.1	14	10
4743	FEB 17	1505 3.0	40.81S	175.10E	28	2.4	0.2	13	11
4755	FEB 17	2028 33.1	40.97S	175.43E	20	2.1	0.2	13	11
4837	FEB 18	1317 14.4	40.82S	174.71E	37	2.1	0.1	9	6
4848	FEB 18	1450 1.5	41.08S	174.01E	56	2.3	0.3	14	11
4856	FEB 18	1537 34.3	40.65S	174.28E	44	2.2	0.2	9	7
4925	FEB 19	0716 15.2	40.85S	175.63E	24	2.3	0.1	11	9

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
4929	FEB 19	0837 9.0	40.76S	175.33E	30	2.0	0.1	13	10
4937	FEB 19	1120 26.3	41.08S	175.02E	30	2.0	0.2	13	11
4944	FEB 19	1237 9.9	41.82S	173.81E	44	3.6	0.2	24	19
4987	FEB 20	0927 24.0	41.50S	174.47E	54	2.4	0.1	12	10
4990	FEB 20	1047 8.0	40.59S	174.36E	54	2.3	0.2	9	7
4992	FEB 20	1106 52.4	41.58S	173.67E	48	2.1	0.3	9	7
5004	FEB 20	1505 42.8	40.64S	175.42E	29	2.6	0.2	21	19
5011	FEB 20	2230 25.6	41.18S	174.15E	48	2.2	0.1	10	7
5012	FEB 20	2312 30.4	40.84S	174.71E	14	2.1	0.2	15	13
5029	FEB 21	0455 53.6	40.80S	175.52E	31	2.5	0.2	16	14
5030	FEB 21	0521 34.1	41.18S	174.78E	29	2.2	0.1	13	11
5031	FEB 21	0642 21.2	41.29S	175.19E	22	3.1	0.2	20	16
5032	FEB 21	0644 18.3	41.29S	175.19E	20	2.5	0.2	19	15
5056	FEB 21	1446 22.3	41.38S	174.52E	29	2.1	0.2	18	15
5061	FEB 21	1711 50.7	41.21S	175.07E	11	3.1F	0.1	22	19
5066	FEB 21	1932 6.6	41.23S	173.73E	76	3.5	0.2	28	19
5067	FEB 21	1945 37.5	41.18S	173.72E	88	3.4	0.2	29	20
5083	FEB 22	0655 2.2	41.00S	173.66E	83	2.6	0.3	13	9
5097	FEB 22	1251 6.7	41.74S	173.92E	38	2.5	0.3	19	14
5098	FEB 22	1320 13.3	41.67S	174.21E	12R	2.5	0.4	18	14
5103	FEB 22	1552 38.8	41.69S	174.16E	18	2.1	0.3	13	10
5108	FEB 22	1814 3.7	40.74S	175.11E	31	2.2	0.1	11	8
5109	FEB 22	1817 50.0	40.84S	175.36E	48	2.9	0.2	20	16
5128	FEB 23	0056 36.5	40.83S	175.33E	29	2.1	0.2	11	9
5140	FEB 23	0550 51.1	40.96S	175.00E	42	2.0	0.1	7	6
5145	FEB 23	0817 11.6	40.75S	175.07E	34	2.3	0.2	10	8
5149	FEB 23	0956 21.1	40.62S	174.65E	69	2.7	0.1	14	13
5150	FEB 23	1005 33.5	40.53S	175.55E	43	2.3	0.2	5	3
5153	FEB 23	1044 30.3	41.60S	174.12E	12R	3.1	0.3	25	20
5156	FEB 23	1123 33.4	41.24S	175.05E	20	2.2	0.2	11	9
5162	FEB 23	1335 3.0	40.60S	174.73E	33	2.3	0.3	10	8
5200	FEB 24	0811 26.2	40.53S	174.38E	70	2.2	0.2	7	6
5209	FEB 24	1357 53.6	40.89S	175.72E	29	2.2	0.2	11	8
5210	FEB 24	1414 15.7	41.64S	174.95E	29	2.5	0.3	15	14
5214	FEB 24	1515 50.6	41.03S	175.93E	22	2.3	0.2	12	10
5241	FEB 25	0222 48.9	41.02S	174.80E	49	2.0	0.2	8	6
5247	FEB 25	0330 29.2	41.58S	174.32E	27	2.6	0.2	19	16
5257	FEB 25	0803 2.4	41.49S	174.73E	19	2.0	0.2	13	12
5307	FEB 25	1917 33.6	40.87S	175.53E	26	2.0	0.1	11	9
5327	FEB 26	0300 37.8	40.87S	174.73E	42	4.0F	0.2	36	31
5329	FEB 26	0441 33.6	41.27S	175.23E	28	2.3	0.1	13	10
5336	FEB 26	0654 27.5	40.79S	175.11E	30	2.4	0.2	15	12
5362	FEB 26	1536 3.9	40.72S	174.67E	51	3.2	0.3	27	24
5375	FEB 26	2045 29.7	41.08S	175.55E	11	2.0	0.2	12	10
5378	FEB 26	2141 43.8	41.73S	174.27E	31	2.3	0.1	15	12

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
5386	FEB 27	0011 10.2	41.00S	175.58E	27	2.3	0.2	12	8
5446	FEB 27	1143 31.1	40.87S	175.53E	26	2.3	0.2	16	12
5448	FEB 27	1150 1.1	40.54S	176.00E	26	2.3	0.3	12	8
5483	FEB 27	1910 25.2	41.37S	174.45E	13	2.2	0.3	15	13
5506	FEB 27	2357 52.4	41.73S	174.36E	28	2.5	0.2	18	13
5510	FEB 28	0053 16.9	40.52S	174.24E	52	2.3	0.2	9	6
5524	FEB 28	0248 59.1	41.52S	174.33E	34	2.2	0.2	15	12
5536	FEB 28	0516 23.0	41.63S	174.79E	27	2.3	0.2	13	12
5537	FEB 28	0516 59.5	41.58S	174.79E	32	2.0	0.1	6	5
5546	FEB 28	0559 19.0	41.09S	174.52E	33	2.2	0.1	10	9
5551	FEB 28	0818 52.7	40.67S	175.82E	30	3.3	0.3	20	18
5559	FEB 28	1110 29.7	41.07S	174.15E	57	2.5	0.1	14	11
5567	FEB 28	1426 29.8	41.68S	173.69E	49	2.5	0.3	21	14
5575	FEB 28	1505 59.7	41.56S	174.16E	31	2.0	0.1	12	7
5604	FEB 28	2359 52.6	41.10S	174.28E	45	2.5	0.1	11	9
5625	MAR 01	0451 42.8	41.66S	174.27E	12R	2.3	0.3	12	12
5642	MAR 01	0820 35.5	41.01S	174.73E	33	2.2	0.0	16	12
5673	MAR 01	2139 57.7	40.87S	174.94E	14	2.1	0.3	11	9
5682	MAR 02	0324 49.4	41.01S	175.36E	26	2.2	0.1	13	11
5706	MAR 02	0944 44.5	41.10S	173.99E	54	2.2	0.2	9	7
5731	MAR 02	1554 19.3	40.81S	174.97E	56	2.0	0.1	10	8
5745	MAR 02	2219 33.2	40.67S	174.90E	34	2.2	0.1	12	9
5753	MAR 03	0123 2.4	41.32S	173.59E	79	3.1	0.2	24	17
5758	MAR 03	0610 28.3	40.54S	174.11E	71	2.6	0.2	9	7
5760	MAR 03	0722 15.5	40.57S	174.18E	58	2.3	0.3	10	7
5764	MAR 03	0944 55.3	40.60S	175.53E	28	2.0	0.2	13	10
5769	MAR 03	1230 51.8	40.79S	174.77E	40	2.4	0.1	11	9
5771	MAR 03	1246 34.7	40.59S	175.49E	32	2.0	0.2	9	8
5773	MAR 03	1331 32.7	40.68S	174.89E	5R	2.4	0.2	13	10
5780	MAR 03	1504 25.5	41.59S	173.93E	12R	2.1	0.3	10	8
5816	MAR 04	0136 37.4	41.03S	174.81E	33	2.1	0.1	13	10
5819	MAR 04	0312 54.9	40.84S	174.69E	34	2.6	0.2	19	16
5829	MAR 04	1020 18.9	40.63S	174.58E	5R	2.0	0.2	9	7
5835	MAR 04	1238 1.9	41.26S	175.65E	15	2.1	0.3	13	10
5843	MAR 04	1630 48.1	40.88S	175.74E	30	2.3	0.3	10	8
5848	MAR 04	1829 5.6	41.81S	174.58E	26	2.7	0.3	18	16
5854	MAR 04	2130 12.6	41.54S	174.13E	33	2.1	0.2	16	13
5874	MAR 05	0354 16.5	41.38S	174.98E	28	2.4	0.1	17	13
5877	MAR 05	0527 40.1	40.96S	175.45E	23	2.6	0.2	16	12
5879	MAR 05	0601 37.9	41.01S	175.61E	27	2.3	0.1	15	10
5901	MAR 05	1830 7.2	41.26S	175.20E	19	2.5	0.2	17	14
5903	MAR 05	1914 24.2	41.27S	174.47E	35	2.6	0.2	17	13
5913	MAR 05	2222 6.2	40.53S	174.08E	66	2.6	0.4	11	8
5928	MAR 06	1050 16.8	40.77S	174.93E	39	2.3	0.3	13	11
5964	MAR 07	0150 25.1	41.66S	174.32E	5R	2.0	0.3	11	9

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
5989	MAR 07	0735 46.4	41.26S	173.83E	53	2.1	0.2	9	6
6061	MAR 08	0803 46.0	41.21S	173.73E	81	2.6	0.3	17	12
6080	MAR 08	1205 32.0	41.72S	175.32E	5R	2.9	0.4	17	13
6113	MAR 08	2336 20.9	41.57S	175.32E	18	2.6	0.3	11	9
6148	MAR 09	1026 39.1	40.70S	174.82E	34	2.6	0.2	14	12
6154	MAR 09	1124 20.0	41.35S	174.38E	60	2.6	0.0	7	5
6172	MAR 09	1525 52.1	41.25S	175.33E	25	2.1	0.2	10	8
6176	MAR 09	1751 16.7	41.12S	175.76E	25	2.0	0.4	7	5
6191	MAR 10	0337 20.4	41.34S	173.95E	52	2.8	0.3	16	12
6214	MAR 10	1139 32.4	41.62S	175.33E	16	2.9	0.3	14	11
6215	MAR 10	1140 1.2	41.64S	175.33E	12R	2.2	0.1	10	7
6219	MAR 10	1309 45.7	41.59S	174.34E	26	3.5	0.2	21	16
6237	MAR 10	2359 48.6	41.10S	174.72E	62	2.1	0.0	8	5
6238	MAR 11	0006 23.8	40.61S	175.50E	32	2.4	0.1	9	7
6255	MAR 11	0603 53.3	40.57S	175.13E	32	2.3	0.2	11	9
6257	MAR 11	0806 33.6	40.82S	174.55E	20	2.3	0.2	10	7
6301	MAR 12	0717 8.3	41.04S	174.40E	67	2.3	0.1	8	5
6336	MAR 13	0853 59.9	41.81S	173.69E	42	2.6	0.4	17	14
6339	MAR 13	1238 25.6	41.07S	175.38E	24	2.4	0.2	14	11
6349	MAR 13	1952 50.6	41.97S	174.12E	16	3.5	0.4	18	15
6355	MAR 14	0101 43.4	41.13S	175.59E	21	2.0	0.2	9	6
6356	MAR 14	0126 35.7	40.94S	175.61E	16	2.1	0.2	6	3
6366	MAR 14	0727 16.0	41.69S	174.47E	25	2.4	0.1	13	10
6368	MAR 14	1019 59.0	41.03S	174.66E	34	2.1	0.1	8	7
6379	MAR 14	1706 26.4	41.69S	173.90E	15	2.4	0.4	9	7
6383	MAR 14	1832 36.7	41.60S	175.32E	18	2.5	0.3	11	7
6391	MAR 14	2147 21.4	41.62S	174.31E	8	2.3	0.2	12	8
6409	MAR 15	0924 32.9	40.60S	174.15E	33R	2.0	0.2	6	4
6421	MAR 15	1847 10.8	41.06S	175.23E	16	2.3	0.2	14	10
6422	MAR 15	1858 15.9	40.68S	174.60E	36	2.0	0.2	10	6
6431	MAR 16	0258 16.3	41.55S	173.70E	86	2.5	0.2	10	8
6434	MAR 16	0509 5.5	40.98S	175.64E	28	2.0	0.1	11	6
6437	MAR 16	0701 59.0	40.54S	175.80E	29	2.1	0.2	7	5
6443	MAR 16	0923 11.7	40.87S	175.81E	29	2.7	0.3	17	13
6456	MAR 16	1549 16.5	40.83S	175.02E	34	2.3	0.2	10	9
6460	MAR 16	1626 57.2	41.26S	175.24E	23	2.0	0.1	12	9
6464	MAR 16	1708 13.3	41.27S	175.30E	27	2.0	0.2	9	8
6470	MAR 16	2032 59.7	41.07S	175.39E	28	2.1	0.1	13	10
6476	MAR 16	2133 7.4	40.99S	174.58E	55	2.1	0.1	6	5
6491	MAR 17	0124 26.1	41.55S	175.09E	23	2.2	0.2	11	9
6502	MAR 17	0458 38.5	40.78S	175.27E	40	2.3	0.2	10	8
6504	MAR 17	0515 9.4	41.56S	174.38E	12R	2.3	0.2	14	12
6509	MAR 17	0623 47.5	41.24S	174.86E	23	2.0	0.2	8	7
6522	MAR 17	1040 14.1	41.73S	174.53E	26	2.3	0.3	14	11
6527	MAR 17	1222 7.2	40.82S	175.77E	27	2.8	0.3	18	13

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
6531	MAR 17	1347 23.5	41.38S	174.01E	43	2.2	0.1	9	7
6549	MAR 17	1941 5.9	41.74S	174.25E	44	2.5	0.1	16	12
6557	MAR 18	0000 13.1	40.61S	174.47E	43	2.3	0.2	11	8
6570	MAR 18	0446 16.3	40.62S	174.54E	5R	2.4	0.2	10	7
6583	MAR 18	1213 37.4	41.14S	174.68E	32	2.7	0.2	20	15
6602	MAR 18	1714 31.2	40.71S	175.85E	22	2.5	0.4	13	10
6619	MAR 19	0757 24.6	41.32S	174.83E	33	2.3	0.1	7	6
6665	MAR 20	0821 4.4	40.58S	173.98E	89	2.4	0.4	8	6
6672	MAR 20	1046 23.9	41.26S	174.30E	39	2.6	0.1	10	9
6692	MAR 20	2320 57.4	40.92S	174.15E	61	2.4	0.2	8	7
6699	MAR 21	0218 49.5	40.53S	174.56E	75	2.4	0.2	10	7
6707	MAR 21	0601 12.8	40.83S	174.70E	47	2.4	0.2	9	8
6719	MAR 21	1014 56.1	40.60S	176.00E	24	2.9	0.3	22	18
6724	MAR 21	1144 28.2	41.07S	175.38E	23	2.6	0.2	17	13
6727	MAR 21	1314 38.2	41.93S	173.98E	17	2.9	0.2	16	13
6728	MAR 21	1315 5.7	41.90S	173.98E	19	2.6	0.3	12	10
6731	MAR 21	1514 54.1	41.94S	174.00E	18	2.7	0.3	17	13
6783	MAR 22	0421 13.7	41.35S	175.37E	10	2.7	0.1	15	11
6792	MAR 22	1211 30.6	41.63S	174.64E	34	2.4	0.2	12	8
6797	MAR 22	1435 48.2	41.54S	174.59E	15	2.2	0.2	12	10
6800	MAR 22	1525 24.2	41.03S	173.50E	95	2.3	0.3	10	7
6806	MAR 22	1943 30.9	41.05S	174.18E	90	6.5F	0.2	41	32
6808	MAR 22	2059 14.9	41.43S	174.94E	28	2.1	0.1	7	6
6812	MAR 23	0156 53.3	41.07S	174.27E	85	2.4	0.2	7	6
6814	MAR 23	0312 6.5	40.65S	174.44E	73	2.7	0.3	11	10
6815	MAR 23	0434 5.3	41.81S	174.00E	32	2.3	0.1	9	7
6823	MAR 23	0838 37.6	40.78S	174.52E	44	2.7	0.2	16	12
6825	MAR 23	0914 56.5	41.48S	174.75E	20	2.2	0.2	14	12
6831	MAR 23	1030 13.7	40.59S	173.96E	96	2.8	0.2	8	7
6845	MAR 24	0000 11.8	40.75S	174.30E	86	2.7	0.1	12	9
6847	MAR 24	0002 34.5	40.58S	175.97E	28	2.5	0.2	12	10
6849	MAR 24	0038 23.1	41.14S	174.75E	33	2.0	0.1	10	8
6851	MAR 24	0147 21.1	40.78S	174.90E	12	2.2	0.2	10	7
6852	MAR 24	0202 41.5	41.21S	173.93E	53	2.6	0.2	11	10
6856	MAR 24	0437 57.1	41.81S	174.99E	30	2.2	0.3	12	10
6869	MAR 24	1201 18.8	41.65S	174.59E	33	2.8	0.2	25	17
6871	MAR 24	1244 1.0	41.87S	174.29E	12R	2.6	0.3	11	9
6874	MAR 24	1529 53.6	41.18S	173.97E	55	2.6	0.2	18	14
6880	MAR 24	2014 51.8	40.66S	174.38E	70	2.4	0.2	8	7
6885	MAR 24	2153 3.1	41.31S	174.93E	32	2.2	0.2	10	9
6888	MAR 24	2340 44.8	41.58S	175.32E	18	2.3	0.3	12	9
6889	MAR 25	0017 51.3	41.92S	173.90E	17	2.5	0.2	14	10
6896	MAR 25	0413 30.4	41.66S	174.28E	12R	2.5	0.3	17	14
6902	MAR 25	0658 33.6	40.84S	174.54E	26	2.5	0.1	11	8
6911	MAR 25	1200 5.4	41.10S	173.87E	59	2.2	0.1	11	7

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
6915	MAR 25	1332 13.1	41.00S	174.91E	51	2.1	0.1	13	12
6932	MAR 25	2246 28.4	40.66S	174.54E	76	2.9	0.2	19	13
6934	MAR 25	2340 2.0	41.27S	175.20E	21	2.1	0.1	17	10
6942	MAR 26	0605 22.4	40.98S	174.29E	46	2.9	0.2	21	17
6943	MAR 26	0615 23.7	41.64S	175.04E	29	2.0	0.1	10	6
6948	MAR 26	0813 43.8	40.93S	174.81E	46	2.3	0.1	8	5
6952	MAR 26	0844 25.0	41.13S	174.59E	34	2.0	0.1	10	8
6962	MAR 26	1525 49.5	40.76S	174.51E	23	2.2	0.1	12	8
6964	MAR 26	1748 31.4	40.61S	173.95E	80	2.3	0.0	6	5
6967	MAR 26	1923 54.9	41.17S	174.94E	35	2.0	0.3	12	8
6985	MAR 27	0114 8.6	40.79S	174.63E	50	2.2	0.1	9	6
7000	MAR 27	0709 53.3	40.69S	174.23E	66	2.5	0.2	11	8
7001	MAR 27	0723 49.4	40.90S	175.78E	31	2.0	0.2	9	7
7004	MAR 27	0746 24.1	40.56S	173.97E	104	2.3	0.1	9	6
7019	MAR 27	1511 55.1	40.62S	175.93E	32	2.3	0.2	11	9
7033	MAR 27	1949 59.0	41.64S	174.24E	8	2.8	0.3	29	21
7047	MAR 28	0100 47.7	41.68S	174.23E	12R	2.0	0.2	12	8
7048	MAR 28	0106 47.8	40.95S	174.50E	57	2.1	0.1	11	7
7051	MAR 28	0237 30.0	41.01S	173.76E	73	2.6	0.2	12	9
7062	MAR 28	0712 15.2	41.17S	173.90E	49	2.1	0.2	11	8
7063	MAR 28	0805 31.1	41.65S	174.30E	20	2.6	0.3	21	18
7082	MAR 28	1702 56.7	40.61S	175.96E	29	2.6F	0.3	16	13
7116	MAR 29	1115 21.4	40.54S	174.27E	57	2.3	0.1	12	9
7117	MAR 29	1139 56.6	40.91S	175.70E	25	2.4	0.1	16	12
7118	MAR 29	1147 53.4	41.55S	174.57E	14	2.0	0.2	12	10
7124	MAR 29	1438 18.1	40.59S	175.51E	43	2.3	0.2	5	3
7130	MAR 29	1754 10.7	41.96S	173.84E	12R	2.0	0.2	8	5
7135	MAR 29	2016 10.2	42.00S	173.92E	12R	2.4	0.3	14	12
7145	MAR 29	2335 10.2	41.49S	174.42E	17	3.3	0.2	12	10
7149	MAR 30	0301 34.9	41.09S	174.48E	32	2.1	0.1	10	7
7151	MAR 30	0336 38.7	41.98S	173.91E	12R	2.8	0.3	19	14
7153	MAR 30	0651 49.9	40.91S	175.48E	26	2.3	0.1	12	10
7157	MAR 30	0930 33.3	41.28S	175.29E	26	2.0	0.1	11	9
7163	MAR 30	1112 31.4	40.71S	175.87E	29	2.1	0.3	10	8
7176	MAR 30	1439 8.9	41.55S	174.25E	14	2.3	0.2	17	13
7199	MAR 30	1856 31.6	40.97S	175.26E	22	2.2	0.2	14	11
7207	MAR 31	0018 46.3	41.31S	173.86E	59	2.9	0.3	24	17
7209	MAR 31	0053 45.4	40.50S	174.34E	86	2.6	0.1	15	10
7215	MAR 31	0716 59.0	40.97S	175.62E	27	2.2	0.1	11	9
7219	MAR 31	0743 16.4	40.75S	174.77E	48	2.2	0.1	9	7
7224	MAR 31	1115 38.7	41.59S	174.80E	29	2.1	0.1	12	9
7229	MAR 31	1401 55.0	40.55S	175.51E	8	2.9	0.3	26	22
7231	MAR 31	1540 20.9	41.95S	174.05E	15	2.5	0.3	21	16
7244	MAR 31	2036 7.1	40.58S	174.54E	45	2.1	0.1	8	6
7251	APR 01	0321 39.8	40.91S	175.03E	37	2.0	0.2	8	7

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
7260	APR 01	1030 29.2	41.66S	174.27E	12R	2.4	0.2	18	15
7270	APR 01	1337 14.5	41.26S	174.57E	18	2.2	0.3	15	12
7277	APR 01	1546 45.0	42.00S	173.93E	5R	2.7	0.3	18	14
7283	APR 01	1901 58.4	41.56S	174.23E	5R	2.4	0.3	18	13
7285	APR 02	0012 40.9	40.93S	174.76E	52	2.5	0.2	14	11
7289	APR 02	0109 52.6	40.51S	174.34E	69	2.3	0.1	8	7
7292	APR 02	0259 26.0	40.79S	175.36E	29	2.7	0.2	19	13
7295	APR 02	0531 2.6	40.64S	174.58E	17	2.3	0.2	11	9
7299	APR 02	0711 39.8	41.16S	175.25E	27	2.0	0.1	13	9
7301	APR 02	0737 18.9	41.23S	175.23E	25	2.2	0.1	14	10
7303	APR 02	0847 59.4	40.95S	175.53E	23	3.4	0.3	31	23
7304	APR 02	0948 27.1	41.65S	174.59E	29	2.0	0.1	8	6
7321	APR 02	1753 45.3	41.56S	174.32E	27	2.0	0.2	13	11
7328	APR 02	2046 49.9	41.57S	174.65E	46	4.4F	0.1	29	25
7364	APR 02	2335 59.8	40.66S	174.74E	32	2.5	0.2	18	13
7416	APR 03	1052 46.4	41.13S	174.38E	60	2.6	0.1	20	15
7449	APR 03	2118 55.7	41.23S	174.47E	59	2.3	0.1	10	8
7454	APR 03	2226 26.3	40.59S	174.68E	41	2.0	0.1	8	6
7455	APR 03	2256 28.0	41.27S	174.33E	64	2.2	0.1	10	8
7461	APR 04	0033 5.7	40.70S	174.88E	60	4.8F	0.3	35	32
7468	APR 04	0604 20.4	41.68S	174.31E	5R	2.3	0.3	15	11
7481	APR 04	1136 4.5	41.46S	173.80E	52	3.5	0.2	33	23
7498	APR 04	2046 22.2	41.58S	173.95E	12R	2.2	0.3	14	10
7499	APR 04	2057 49.0	41.18S	173.60E	94	2.4	0.2	10	8
7508	APR 05	0107 55.6	41.84S	174.09E	21	2.7	0.3	14	12
7518	APR 05	0600 39.2	41.79S	173.92E	30	2.7	0.3	18	15
7526	APR 05	0747 44.5	40.96S	175.13E	29	2.1	0.1	9	7
7530	APR 05	1032 15.1	40.96S	174.16E	64	2.3	0.1	7	5
7535	APR 05	1137 13.6	41.64S	173.88E	41	3.2	0.3	25	19
7537	APR 05	1332 8.7	41.09S	174.18E	58	2.1	0.1	10	5
7542	APR 05	1415 49.1	41.19S	173.70E	69	2.6	0.2	12	9
7546	APR 05	1610 47.3	42.00S	174.40E	31	3.0	0.1	20	16
7557	APR 05	2151 57.1	41.64S	174.94E	28	2.2	0.0	10	6
7561	APR 05	2254 18.0	40.76S	175.10E	36	2.1	0.1	9	5
7563	APR 06	0037 16.5	41.50S	173.65E	74	2.3	0.1	11	8
7576	APR 06	0543 0.8	40.75S	174.81E	40	2.0	0.1	9	6
7591	APR 06	1228 47.9	41.86S	174.94E	33R	2.9	0.2	24	17
7613	APR 07	0039 18.5	41.79S	173.90E	33	2.0	0.2	10	8
7633	APR 07	0827 34.8	41.37S	174.21E	37	2.4	0.2	19	12
7644	APR 07	1258 42.9	40.93S	175.74E	31	2.2	0.1	10	8
7650	APR 07	1619 14.3	41.10S	174.83E	58	2.1	0.1	13	8
7661	APR 07	2339 28.7	41.62S	173.98E	10	2.9	0.3	28	20
7685	APR 08	1307 56.3	40.84S	175.65E	27	2.0	0.2	12	7
7722	APR 09	1217 58.5	41.41S	174.63E	23	2.4	0.2	10	9
7729	APR 09	2027 27.3	40.91S	174.78E	31	2.4	0.2	13	10

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
7737	APR 10	0537 23.7	41.31S	174.73E	29	2.7	0.2	21	16
7756	APR 10	1617 35.1	40.79S	175.09E	32	2.0	0.1	9	7
7776	APR 11	0219 15.3	41.47S	173.65E	64	2.8	0.2	24	16
7784	APR 11	0542 12.5	40.92S	175.78E	31	3.1	0.2	18	15
7785	APR 11	0542 50.9	40.90S	175.75E	26	2.0	0.2	10	7
7788	APR 11	0815 57.1	41.97S	174.43E	24	2.1F	0.1	9	6
7793	APR 11	1132 59.3	41.55S	175.32E	21	2.2	0.3	14	10
7795	APR 11	1136 57.5	40.51S	174.46E	80	2.3	0.2	10	6
7796	APR 11	1139 1.1	41.67S	175.31E	5R	2.3	0.3	12	8
7801	APR 11	1415 12.2	41.67S	174.26E	12	2.6	0.3	24	17
7811	APR 11	1916 54.4	40.78S	175.10E	30	2.0	0.1	12	8
7830	APR 12	0458 57.7	41.02S	174.61E	32	2.1	0.1	9	7
7873	APR 13	0524 59.6	41.63S	175.33E	12	2.2	0.2	13	9
7878	APR 13	0619 35.6	41.74S	174.10E	13	2.3	0.2	16	11
7890	APR 13	0954 6.6	40.71S	175.49E	29	2.0	0.1	11	7
7907	APR 13	2313 59.7	40.78S	175.12E	29	2.4	0.1	17	9
7908	APR 13	2345 56.1	41.59S	174.06E	18	2.1	0.3	15	10
7915	APR 14	0430 43.9	40.84S	173.76E	94	3.3	0.3	29	19
7924	APR 14	1031 24.6	40.60S	175.44E	30	2.2	0.2	11	6
7939	APR 14	1906 42.7	41.40S	175.04E	28	2.4	0.1	14	8
7951	APR 15	0217 23.6	41.05S	173.98E	47	2.6	0.2	17	10
7958	APR 15	0950 57.7	41.36S	174.67E	31	3.0	0.2	24	17
7959	APR 15	0951 32.3	41.33S	174.64E	32	2.2	0.1	9	4
7963	APR 15	1258 16.1	40.72S	175.57E	22	2.0	0.1	11	6
7976	APR 15	1842 36.1	40.96S	174.68E	60	2.1	0.0	10	7
7980	APR 15	2012 53.0	40.98S	174.35E	78	2.1	0.1	10	7
7987	APR 15	2253 1.2	41.53S	175.57E	32	2.5	0.1	14	11
7990	APR 16	0055 11.5	41.68S	175.36E	7	2.2	0.1	12	8
8012	APR 16	0948 22.1	41.07S	173.60E	84	2.7	0.3	21	13
8019	APR 16	1512 21.9	41.92S	173.99E	12R	2.1	0.2	13	11
8020	APR 16	1512 25.7	41.91S	173.98E	12R	2.3	0.3	13	10
8024	APR 16	1841 23.0	40.56S	174.08E	109	2.1	0.1	10	6
8037	APR 17	0013 29.8	41.53S	175.49E	24	2.1	0.1	7	5
8041	APR 17	0213 43.9	40.99S	174.70E	57	2.4	0.0	10	7
8063	APR 17	1049 28.8	41.93S	174.95E	33R	2.1	0.1	9	7
8088	APR 17	2116 53.3	41.70S	174.19E	12R	2.5	0.4	17	12
8117	APR 18	0639 36.6	41.54S	174.09E	12R	2.0	0.1	10	5
8130	APR 18	1317 56.2	40.73S	175.34E	34	2.2	0.2	10	8
8135	APR 18	1443 41.5	41.19S	173.70E	81	3.0	0.2	22	17
8136	APR 18	1447 57.6	40.87S	175.93E	54	2.2	0.2	5	3
8140	APR 18	1649 11.0	41.11S	174.71E	31	2.2	0.1	12	9
8146	APR 19	0016 16.8	40.97S	174.79E	51	2.0	0.1	10	6
8163	APR 19	0908 48.4	41.64S	173.72E	45	2.6	0.3	22	16
8193	APR 20	0212 51.1	40.57S	174.76E	34	2.5	0.2	15	11
8194	APR 20	0242 3.8	40.95S	173.95E	98	3.4	0.2	23	20

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
8195	APR 20	0256 14.8	41.10S	174.64E	33	2.0	0.1	12	9
8198	APR 20	0418 29.1	40.90S	174.44E	47	2.5	0.1	13	10
8217	APR 20	1545 23.6	40.85S	174.53E	72	2.4	0.1	16	11
8224	APR 20	1845 22.5	41.13S	174.59E	59	2.2	0.1	16	12
8232	APR 20	2139 20.2	40.59S	174.35E	20	2.1	0.2	11	7
8249	APR 21	0724 4.9	41.12S	174.71E	51	2.1	0.1	10	8
8252	APR 21	0945 18.6	40.76S	175.18E	53	2.0	0.2	8	6
8265	APR 21	1632 25.2	41.83S	174.16E	9	2.0	0.1	8	6
8271	APR 21	2350 28.2	40.54S	174.35E	88	2.5	0.1	14	9
8272	APR 21	2354 3.1	41.75S	174.39E	26	2.6	0.2	25	18
8280	APR 22	0803 37.4	40.66S	175.97E	36	2.0	0.0	6	3
8281	APR 22	0814 46.9	40.69S	175.41E	27	2.1	0.1	15	9
8286	APR 22	1051 37.4	40.57S	174.09E	84	2.6	0.1	11	8
8293	APR 22	1410 0.5	41.26S	174.54E	23	2.2	0.2	17	13
8300	APR 22	1643 36.8	40.55S	174.28E	49	2.4	0.2	11	7
8304	APR 22	1848 5.5	41.62S	174.65E	32	2.3	0.2	16	11
8305	APR 22	1953 39.3	41.06S	173.64E	72	2.5	0.2	12	8
8312	APR 22	2105 39.0	40.69S	175.96E	32	2.6	0.3	15	10
8324	APR 23	0150 47.3	41.36S	174.10E	39	3.0	0.2	24	18
8325	APR 23	0313 8.6	40.98S	175.46E	28	2.0	0.1	14	9
8329	APR 23	0559 46.9	41.67S	174.53E	28	2.1	0.2	11	10
8333	APR 23	0733 0.5	41.12S	175.54E	42	2.0	0.0	5	4
8338	APR 23	0946 7.2	41.43S	175.35E	25	2.1	0.1	9	6
8352	APR 23	1412 6.1	40.63S	175.52E	36	2.1	0.0	6	5
8360	APR 23	1838 15.1	41.01S	174.66E	60	2.1	0.1	10	9
8371	APR 23	2329 5.6	40.60S	174.98E	35	2.4	0.2	10	7
8392	APR 24	0322 22.8	40.93S	174.15E	53	2.2	0.1	9	6
8443	APR 25	0016 3.6	40.55S	175.43E	30	2.1	0.3	10	8
8452	APR 25	0607 28.8	41.65S	174.28E	5R	2.2	0.2	15	11
8454	APR 25	0640 59.4	40.58S	174.20E	73	2.4	0.2	11	7
8457	APR 25	0741 32.9	40.64S	175.47E	29	2.2	0.2	13	8
8462	APR 25	0949 10.7	40.65S	173.82E	130	2.6	0.1	8	7
8466	APR 25	1316 32.2	41.27S	175.47E	31	2.4	0.1	12	9
8469	APR 25	1622 56.2	41.23S	174.61E	31	2.0	0.2	12	10
8524	APR 26	2316 18.6	40.67S	174.67E	12R	2.1	0.2	12	6
8538	APR 27	0602 50.0	40.63S	173.58E	12R	2.3	0.3	13	8
8539	APR 27	0742 13.1	41.49S	174.17E	35	2.0	0.2	12	9
8549	APR 27	1606 36.5	41.26S	175.25E	28	3.0	0.2	20	14
8550	APR 27	1706 30.1	40.90S	175.79E	28	2.1	0.1	9	6
8553	APR 27	1935 46.6	41.24S	175.24E	23	2.1	0.1	10	8
8560	APR 28	0222 31.5	40.73S	174.66E	17	2.3	0.2	12	8
8567	APR 28	1022 23.2	40.78S	175.72E	27	2.4	0.2	15	9
8570	APR 28	1212 9.7	40.78S	173.68E	100	2.8	0.5	11	6
8581	APR 28	2302 48.4	41.75S	174.26E	51	2.7	0.2	19	13
8594	APR 29	0512 8.9	40.52S	174.16E	27	2.5	0.2	11	7

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
8603	APR 29	1012 8.4	40.79S	175.02E	37	2.1	0.2	9	7
8615	APR 29	1222 27.0	41.00S	174.76E	54	2.0	0.1	9	6
8628	APR 30	0443 54.1	41.56S	174.36E	24	2.1	0.3	12	8
8634	APR 30	0656 19.6	41.10S	174.51E	61	2.5	0.1	11	8
8638	APR 30	1033 49.9	41.70S	174.41E	12R	2.6	0.3	17	13
8640	APR 30	1307 30.5	40.97S	174.55E	62	2.0	0.1	10	7
8642	APR 30	1344 50.6	40.90S	174.89E	53	2.2	0.1	13	8
8647	APR 30	1850 54.0	41.71S	174.30E	5R	3.0	0.3	25	18
8665	MAY 01	1355 10.0	40.67S	175.69E	28	3.1	0.2	18	15
8673	MAY 01	2328 46.8	41.27S	175.24E	27	2.9	0.2	19	15
8674	MAY 01	2344 16.2	41.76S	174.42E	5R	2.4	0.3	19	15
8676	MAY 02	0151 10.0	40.66S	174.83E	44	3.4	0.2	27	24
8682	MAY 02	0540 36.2	40.92S	175.09E	29	2.2	0.1	10	8
8693	MAY 02	1301 28.0	41.27S	175.23E	27	2.2	0.2	15	10
8703	MAY 02	1958 41.6	40.87S	173.98E	46	2.1	0.1	11	7
8704	MAY 02	2017 36.0	40.89S	175.69E	25	2.2	0.2	13	9
8712	MAY 03	0239 5.6	40.57S	174.41E	23	2.4	0.3	11	9
8715	MAY 03	0309 6.8	41.70S	174.53E	31	2.4	0.2	18	13
8721	MAY 03	0334 22.8	41.50S	173.78E	62	2.5	0.1	11	8
8727	MAY 03	0617 57.0	41.29S	175.21E	27	2.0	0.1	8	5
8728	MAY 03	0624 30.2	41.38S	175.11E	29	2.9	0.2	17	12
8748	MAY 03	1709 22.1	41.71S	174.19E	12R	2.8	0.4	14	11
8751	MAY 03	1940 19.6	40.65S	175.69E	27	2.4	0.2	14	10
8790	MAY 05	1020 18.9	41.77S	174.34E	30	2.5	0.2	19	14
8792	MAY 05	1034 22.6	40.87S	174.08E	58	2.9	0.3	20	14
8813	MAY 06	0810 5.9	40.60S	175.17E	32	2.1	0.3	9	8
8834	MAY 06	1634 50.3	41.27S	175.31E	29	2.4	0.1	15	11
8838	MAY 06	2039 9.9	41.23S	175.24E	26	2.3	0.1	13	9
8842	MAY 07	0511 33.9	40.86S	175.19E	26	2.7	0.2	15	11
8844	MAY 07	0732 27.0	41.10S	173.71E	79	3.4	0.3	25	17
8853	MAY 07	2024 13.1	41.06S	174.51E	40	2.4	0.2	13	11
8871	MAY 08	0955 20.3	41.39S	173.66E	84	2.8	0.2	17	11
8895	MAY 09	0214 3.4	41.37S	175.12E	26	2.1	0.1	14	9
8904	MAY 09	0550 5.5	41.54S	174.98E	31	3.4	0.2	22	18
8912	MAY 09	0958 29.9	41.09S	175.48E	25	2.2	0.1	13	8
8918	MAY 09	1233 54.1	40.58S	175.09E	31	2.1	0.2	12	7
8921	MAY 09	1729 35.0	40.73S	174.91E	61	3.9	0.1	35	29
8922	MAY 09	1744 27.3	41.03S	174.45E	46	2.0	0.1	9	6
8923	MAY 09	1818 23.1	41.62S	175.33E	27	4.2F	0.2	25	19
8924	MAY 09	1820 50.9	41.53S	175.32E	24	2.3	0.2	14	10
8925	MAY 09	1820 59.0	41.64S	175.36E	22	2.4	0.3	16	10
8926	MAY 09	1839 57.7	41.65S	175.34E	27	3.4	0.3	18	15
8927	MAY 09	1845 30.6	41.65S	175.35E	25	2.8	0.5	14	12
8928	MAY 09	1845 35.7	41.72S	175.33E	11	3.0	0.4	18	12
8929	MAY 09	1910 14.3	41.61S	175.33E	19	2.3	0.2	17	9

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
8930	MAY 09	1922 20.3	41.62S	175.34E	25	3.1	0.3	24	12
8933	MAY 09	2014 15.6	41.61S	175.33E	18	2.5	0.2	14	11
8936	MAY 09	2114 12.7	41.53S	175.30E	19	2.2	0.4	12	10
8939	MAY 09	2301 21.0	41.92S	174.04E	24	2.9	0.3	23	18
8940	MAY 10	0012 17.0	41.62S	175.33E	17	2.5	0.3	14	10
8941	MAY 10	0027 11.5	41.61S	175.34E	25	3.1	0.3	26	14
8946	MAY 10	0501 6.4	41.59S	174.49E	15	3.1	0.2	21	17
8948	MAY 10	0557 1.9	40.86S	174.61E	56	2.3	0.1	11	7
8961	MAY 10	0947 27.4	41.00S	175.22E	28	2.5	0.1	20	12
8975	MAY 10	1328 57.4	41.62S	175.35E	25	3.1	0.3	21	15
8981	MAY 10	1728 25.8	41.55S	175.31E	20	2.5	0.3	14	11
8984	MAY 10	1810 1.0	40.71S	175.32E	28	2.0	0.1	12	7
9016	MAY 11	2316 24.2	40.57S	174.61E	26	2.0	0.1	8	6
9032	MAY 12	0730 58.8	41.21S	174.66E	32	4.2F	0.3	37	34
9033	MAY 12	0749 11.8	41.16S	174.62E	31	2.5	0.1	18	12
9040	MAY 12	1221 11.6	41.16S	174.64E	31	3.1	0.2	22	18
9041	MAY 12	1234 13.8	40.89S	174.26E	28	2.1	0.3	11	10
9042	MAY 12	1331 17.8	41.32S	173.53E	85	4.2F	0.2	27	24
9043	MAY 12	1334 15.2	41.32S	173.53E	70	2.7	0.3	15	12
9044	MAY 12	1340 57.0	41.33S	173.55E	70	2.5	0.3	11	9
9046	MAY 12	1555 2.2	41.36S	173.58E	69	2.6	0.3	12	10
9065	MAY 13	0102 44.8	41.29S	175.69E	19	2.0	0.2	11	7
9068	MAY 13	0209 28.4	40.67S	175.48E	29	2.2	0.2	11	7
9081	MAY 13	0842 44.0	41.16S	174.61E	32	2.1	0.1	13	11
9084	MAY 13	1129 38.6	40.94S	174.67E	60	2.1	0.0	12	10
9086	MAY 13	1232 16.1	41.67S	174.25E	13	2.3	0.2	16	14
9101	MAY 13	2310 31.5	40.95S	174.62E	38	2.9	0.2	22	17
9125	MAY 14	1219 40.9	40.54S	174.24E	27	2.3	0.3	13	10
9176	MAY 16	0105 25.9	41.06S	174.78E	55	2.3	0.1	14	8
9179	MAY 16	0241 22.0	41.07S	174.63E	56	3.2	0.1	16	13
9219	MAY 17	0925 0.9	40.88S	175.70E	29	3.1	0.2	20	16
9222	MAY 17	1036 34.0	40.71S	175.10E	5R	4.2F	0.3	37	32
9277	MAY 18	2122 10.8	40.64S	175.04E	12R	2.5	0.3	14	11
9306	MAY 19	0706 5.8	41.83S	174.11E	23	2.3	0.3	14	11
9330	MAY 19	1053 19.8	41.50S	174.25E	12R	2.1	0.3	7	5
9365	MAY 20	0116 27.1	41.35S	175.11E	25	2.2	0.1	14	10
9373	MAY 20	0555 34.0	40.97S	174.32E	46	2.3	0.2	15	11
9398	MAY 20	1935 24.8	41.17S	174.15E	50	2.6	0.1	14	11
9407	MAY 20	2243 2.2	40.56S	174.20E	69	2.3	0.1	12	10
9416	MAY 21	0907 44.6	40.87S	174.66E	39	2.0	0.1	9	8
9421	MAY 21	1604 11.6	40.85S	175.70E	28	2.2	0.1	12	9
9439	MAY 22	0552 15.5	41.38S	173.88E	54	2.5	0.2	18	13
9461	MAY 22	2016 37.5	40.71S	175.22E	31	2.1	0.2	15	9
9477	MAY 23	0716 38.2	41.08S	175.50E	24	2.0	0.1	11	8
9501	MAY 23	2107 51.9	40.74S	173.77E	87	2.7	0.1	10	7

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
9502	MAY 23	2123 15.5	41.55S	175.32E	21	2.5	0.3	15	11
9517	MAY 24	0905 10.4	40.56S	174.22E	71	2.6	0.2	16	12
9520	MAY 24	1110 26.7	40.76S	175.68E	24	2.9	0.2	18	15
9537	MAY 24	1825 48.4	40.67S	175.06E	6	2.4	0.3	16	11
9549	MAY 25	0347 39.5	41.36S	173.83E	61	2.2	0.2	11	7
9563	MAY 25	0954 37.5	40.61S	175.87E	31	2.3	0.2	9	7
9573	MAY 25	1636 33.6	40.60S	173.59E	162	2.7	0.0	11	8
9585	MAY 25	2218 50.0	40.93S	175.19E	27	2.1	0.3	12	8
9595	MAY 26	0415 15.1	40.52S	173.78E	126	3.3	0.2	26	21
9597	MAY 26	0429 40.9	40.98S	175.38E	27	2.1	0.1	10	8
9617	MAY 26	2213 55.5	41.29S	175.31E	27	2.2	0.1	11	9
9624	MAY 27	0832 25.8	41.91S	174.21E	12R	2.9	0.3	19	15
9627	MAY 27	0922 38.2	41.90S	174.20E	12R	2.6	0.3	17	15
9649	MAY 27	2304 34.9	41.86S	174.04E	96	3.5	0.4	7	4
9675	MAY 29	0343 13.7	41.54S	175.31E	21	2.1	0.3	14	11
9682	MAY 29	0737 58.0	40.83S	173.96E	67	2.4	0.3	16	10
9710	MAY 29	1132 48.0	40.85S	174.71E	15	2.5	0.3	16	12
9721	MAY 29	1344 22.3	41.74S	174.30E	18	2.9	0.3	22	15
9733	MAY 29	1638 14.9	41.76S	174.57E	32	2.5	0.1	17	12
9752	MAY 30	0004 14.3	40.66S	175.42E	30	2.1	0.2	10	5
9753	MAY 30	0037 43.0	41.29S	175.20E	27	2.5	0.1	17	12
9755	MAY 30	0227 20.0	40.80S	174.25E	60	2.3	0.2	12	8
9760	MAY 30	0449 46.6	40.54S	175.59E	31	2.3	0.2	8	6
9784	MAY 30	1906 4.6	40.87S	175.04E	13	2.3	0.3	14	10
9786	MAY 30	2011 35.4	41.09S	174.39E	49	2.0	0.1	6	4
9791	MAY 31	0041 41.0	40.68S	174.48E	69	2.3	0.2	12	8
9796	MAY 31	0318 48.7	41.37S	174.96E	29	2.7	0.2	23	14
9812	MAY 31	1315 6.5	41.07S	173.95E	57	2.9	0.3	18	14
9817	MAY 31	1709 25.8	40.50S	174.42E	33R	2.1	0.3	9	7
9824	MAY 31	2041 43.2	40.70S	174.52E	43	2.1	0.1	8	5
9828	MAY 31	2207 44.7	41.03S	175.85E	28	2.0	0.1	9	7
9830	JUN 01	0341 19.0	40.93S	175.60E	13	2.1	0.2	9	7
9842	JUN 01	1043 53.8	40.53S	174.79E	23	2.8	0.3	20	17
9920	JUN 03	1501 50.4	40.50S	174.59E	39	2.4	0.3	8	6
9925	JUN 03	1626 21.4	40.67S	174.82E	28	2.9	0.2	18	14
9938	JUN 04	0940 51.2	40.97S	174.74E	33	2.4	0.2	17	11
9950	JUN 04	1226 11.9	41.55S	174.30E	27	4.3F	0.2	27	21
9954	JUN 04	1501 12.0	41.56S	174.33E	23	3.6	0.3	28	20
9986	JUN 05	2029 31.1	41.21S	175.20E	18	2.3	0.2	14	10
9987	JUN 05	2048 48.6	40.90S	174.66E	64	2.5	0.1	12	8
9996	JUN 06	0506 33.1	41.27S	175.22E	25	2.2	0.1	13	9
9999	JUN 06	0928 22.4	41.73S	174.26E	12R	2.3	0.3	14	11
10013	JUN 06	1432 6.4	40.52S	174.07E	80	2.4	0.4	8	7
10035	JUN 07	0637 46.0	40.94S	173.97E	65	2.5	0.2	10	7
10043	JUN 07	1430 4.3	41.31S	174.51E	38	2.4	0.2	11	10

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
10044	JUN 07	1500 40.9	40.54S	175.78E	48	2.7	0.1	6	5
10070	JUN 08	1736 3.0	40.83S	174.71E	12	2.5	0.1	13	10
10073	JUN 08	2202 6.1	40.82S	174.90E	57	2.3	0.1	11	9
10078	JUN 09	1018 39.2	40.65S	175.53E	33	2.3	0.1	6	5
10086	JUN 09	1907 49.3	41.98S	174.07E	5R	2.6	0.1	11	7
10097	JUN 10	0633 23.4	41.46S	174.94E	32	2.1	0.1	13	9
10098	JUN 10	0648 42.5	41.49S	174.95E	32	3.0	0.2	23	15
10115	JUN 10	1333 55.3	41.69S	174.53E	32	2.3	0.2	15	12
10129	JUN 11	0002 5.1	40.70S	174.10E	89	3.3	0.2	36	25
10130	JUN 11	0039 1.0	40.86S	174.74E	47	3.6F	0.2	32	23
10142	JUN 11	1247 34.3	41.75S	174.18E	12R	2.6	0.2	17	13
10156	JUN 12	0633 25.0	40.86S	175.18E	33	2.2	0.2	14	11
10172	JUN 13	0523 43.1	40.57S	175.87E	29	2.4	0.2	10	7
10173	JUN 13	0532 8.1	40.71S	174.64E	9	2.1	0.1	11	7
10185	JUN 13	1527 39.2	41.70S	173.99E	37	2.6	0.2	21	15
10194	JUN 13	2357 50.0	40.67S	175.43E	29	2.7	0.2	13	11
10200	JUN 14	0612 11.0	41.18S	175.07E	10	2.4	0.2	15	13
10203	JUN 14	0742 15.3	40.97S	175.19E	31	2.6	0.2	16	13
10221	JUN 15	0714 50.0	41.72S	174.30E	12R	3.1	0.4	21	17
10226	JUN 15	1047 2.9	40.53S	174.06E	70	2.9	0.2	14	11
10227	JUN 15	1214 22.9	41.71S	174.49E	35	2.2	0.2	11	9
10230	JUN 15	1810 26.5	41.23S	173.87E	47	2.3	0.3	7	5
10233	JUN 15	2010 57.0	40.55S	175.97E	32	3.5	0.3	20	15
10239	JUN 16	0339 56.4	41.23S	174.86E	29	2.4	0.1	14	11
10277	JUN 17	0721 40.9	40.64S	175.51E	32	2.1	0.2	8	6
10285	JUN 17	1445 12.5	41.49S	174.34E	35	2.4	0.2	14	11
10289	JUN 17	1950 28.6	41.33S	173.63E	78	2.5	0.2	19	13
10290	JUN 17	2220 27.2	41.03S	175.44E	25	2.0	0.2	14	10
10293	JUN 18	0218 54.5	41.71S	174.31E	12R	3.0	0.3	25	19
10294	JUN 18	0313 34.6	41.36S	175.35E	16	2.1	0.3	11	8
10301	JUN 18	0815 34.3	40.92S	175.66E	22	2.2	0.2	13	10
10302	JUN 18	0839 31.2	40.61S	174.25E	60	2.4	0.3	7	5
10311	JUN 18	2311 48.0	41.40S	174.69E	18	2.4	0.1	15	10
10315	JUN 18	2358 17.3	40.79S	174.50E	5R	2.0	0.2	9	5
10336	JUN 19	1521 48.3	40.84S	174.96E	47	3.7F	0.2	30	27
10343	JUN 19	2314 25.5	40.69S	174.34E	67	2.6	0.2	13	7
10344	JUN 20	0254 45.8	40.70S	174.71E	39	3.3	0.2	29	22
10355	JUN 20	1129 49.6	40.52S	175.46E	5R	2.4	0.3	13	9
10362	JUN 20	1634 21.4	41.25S	174.00E	56	2.5	0.1	14	10
10383	JUN 21	1216 49.8	41.73S	174.29E	12R	2.3	0.3	16	12
10388	JUN 21	1527 32.2	41.35S	174.47E	21	2.0	0.2	11	9
10397	JUN 22	0327 14.2	40.98S	175.60E	24	2.1	0.1	10	8
10407	JUN 22	1829 50.9	41.54S	174.11E	41	2.9	0.2	17	15
10412	JUN 22	2338 29.2	41.70S	174.29E	12R	2.4	0.3	16	13
10420	JUN 23	0801 35.1	41.65S	174.24E	10	3.0	0.3	20	18

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
10428	JUN 23	1948 31.4	40.94S	175.52E	26	2.1	0.1	8	7
10434	JUN 24	0001 40.1	40.97S	175.06E	28	2.2	0.1	10	7
10437	JUN 24	0400 11.6	40.74S	174.66E	12R	2.2	0.4	10	8
10439	JUN 24	0615 20.6	40.67S	174.79E	36	2.2	0.1	8	5
10443	JUN 24	0910 54.9	41.18S	174.78E	30	2.0	0.1	10	9
10444	JUN 24	1004 34.3	41.65S	174.28E	12R	2.3	0.3	14	10
10451	JUN 24	2341 38.5	40.74S	174.45E	52	2.6	0.2	16	10
10453	JUN 25	0157 37.2	41.15S	175.00E	32	2.5	0.1	11	10
10459	JUN 25	0958 0.6	40.83S	175.02E	34	2.3	0.1	13	9
10462	JUN 25	1147 25.4	41.27S	175.21E	26	2.4	0.1	14	10
10468	JUN 25	1948 6.0	41.52S	173.55E	83	3.5	0.2	30	18
10473	JUN 26	0215 59.1	40.64S	175.07E	33	2.5	0.1	13	8
10476	JUN 26	0611 19.2	40.78S	175.09E	32	2.2	0.1	9	7
10486	JUN 26	1909 0.7	41.37S	174.62E	23	2.1	0.2	8	6
10494	JUN 27	0433 54.0	41.28S	174.82E	22	2.3	0.2	11	10
10536	JUN 28	2258 23.8	40.53S	175.91E	32	3.2	0.2	16	13
10542	JUN 29	0343 33.2	40.72S	175.58E	30	4.6F	0.3	33	29
10543	JUN 29	0346 28.4	40.69S	175.52E	29	3.2	0.3	15	12
10544	JUN 29	0415 22.3	40.71S	175.50E	28	3.2	0.3	19	16
10547	JUN 29	0505 14.4	40.63S	175.47E	29	2.4	0.1	7	5
10549	JUN 29	0546 41.2	40.65S	175.50E	30	2.6	0.2	12	9
10550	JUN 29	0552 30.6	40.63S	175.50E	30	2.9	0.2	12	9
10551	JUN 29	0554 60.0	40.64S	175.51E	31	2.3	0.2	10	8
10552	JUN 29	0649 14.9	40.64S	175.51E	32	2.9	0.2	13	9
10553	JUN 29	0742 51.0	40.68S	175.47E	29	2.1	0.1	10	7
10559	JUN 29	1018 34.9	40.64S	175.47E	29	2.1	0.0	6	4
10563	JUN 29	1121 4.7	40.66S	175.52E	31	2.9	0.2	13	10
10564	JUN 29	1141 26.8	40.66S	175.53E	31	2.3	0.2	10	7
10566	JUN 29	1227 16.3	40.63S	175.50E	30	2.5	0.2	10	6
10569	JUN 29	1257 25.4	41.07S	175.94E	32	2.1	0.2	11	8
10574	JUN 29	1444 50.4	40.63S	175.02E	5R	2.5	0.2	13	9
10576	JUN 29	1516 34.6	40.66S	175.50E	29	2.4	0.2	12	9
10577	JUN 29	1617 16.8	40.50S	174.90E	5R	2.6	0.3	12	9
10579	JUN 29	1734 52.4	40.65S	175.48E	29	2.4	0.1	10	8
10592	JUN 30	1705 51.9	41.83S	174.85E	33R	2.8	0.1	7	3
10594	JUN 30	2044 52.9	40.65S	175.50E	29	3.1	0.1	13	9
10599	JUL 01	0131 16.6	40.58S	174.20E	72	2.8	0.2	14	12
10601	JUL 01	0424 46.5	40.70S	175.50E	29	3.1	0.3	26	20
10609	JUL 01	0920 13.9	40.55S	173.70E	206	3.1	0.2	7	4
10613	JUL 01	1112 19.6	41.09S	174.89E	31	2.7	0.1	13	11
10615	JUL 01	1128 4.5	40.64S	175.51E	30	2.2	0.2	8	7
10633	JUL 02	0036 9.5	40.66S	175.50E	30	2.6	0.1	14	9
10636	JUL 02	0325 36.7	41.38S	174.82E	33	2.2	0.2	14	12
10638	JUL 02	0833 55.4	41.75S	174.48E	12R	2.3	0.2	13	10
10640	JUL 02	0916 52.1	40.64S	175.51E	30	2.5	0.1	11	8

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
10643	JUL 02	1220 18.5	41.88S	173.99E	29	2.5	0.2	17	12
10644	JUL 02	1220 38.2	41.87S	173.98E	29	2.7	0.2	10	8
10673	JUL 03	1847 1.5	40.63S	175.49E	33R	2.1	0.0	4	3
10674	JUL 03	1913 26.2	41.92S	174.14E	33R	2.8	0.2	17	10
10679	JUL 04	0056 26.5	41.00S	174.65E	33	2.0	0.2	17	11
10685	JUL 04	0505 36.8	40.68S	175.48E	29	2.1	0.1	9	6
10686	JUL 04	0621 41.5	40.58S	174.10E	70	2.4	0.2	11	7
10687	JUL 04	0653 44.2	40.68S	175.49E	28	2.4	0.1	13	9
10693	JUL 04	1651 23.0	41.83S	174.81E	44	3.4	0.2	21	16
10700	JUL 05	0106 21.0	41.71S	174.23E	22	3.8	0.2	21	16
10706	JUL 05	0628 59.1	40.71S	175.54E	29	3.2	0.3	25	21
10710	JUL 05	0802 39.7	40.77S	175.10E	32	2.2	0.1	14	10
10716	JUL 05	1322 25.1	40.78S	173.91E	77	2.6	0.1	10	8
10718	JUL 05	1713 23.1	41.69S	174.23E	11	3.2	0.4	20	14
10720	JUL 05	2058 53.6	41.70S	174.21E	23	2.9	0.3	11	9
10736	JUL 06	1857 37.2	41.73S	174.27E	12R	3.6	0.4	22	17
10737	JUL 06	2016 50.7	41.70S	174.28E	12R	3.4	0.2	12	9
10743	JUL 07	1203 10.6	41.04S	174.09E	58	3.1	0.2	22	15
10744	JUL 07	1214 38.2	41.38S	173.75E	68	3.6	0.3	24	19
10751	JUL 08	0042 25.8	40.99S	174.84E	37	2.1	0.1	8	6
10753	JUL 08	0956 56.6	40.64S	175.51E	30	2.1	0.1	7	6
10755	JUL 08	1744 1.3	40.65S	174.81E	29	3.2	0.2	15	13
10770	JUL 09	1110 41.4	40.95S	175.16E	24	2.3	0.2	9	7
10775	JUL 10	0105 12.5	41.66S	174.57E	30	2.4	0.2	13	9
10782	JUL 10	0610 41.9	41.07S	174.16E	52	2.5	0.1	12	7
10790	JUL 10	1207 46.5	41.61S	174.23E	31	2.7	0.2	21	15
10794	JUL 10	1928 3.5	41.21S	175.07E	9	2.6	0.2	18	11
10801	JUL 11	0555 53.2	41.05S	174.10E	53	2.2	0.2	12	8
10803	JUL 11	1138 34.1	40.95S	174.51E	44	2.0	0.2	8	6
10808	JUL 11	2213 44.0	41.62S	174.64E	31	2.6	0.3	15	12
10812	JUL 11	2357 29.5	41.27S	173.84E	56	2.6	0.2	8	6
10817	JUL 12	0841 40.6	41.55S	175.32E	20	2.6	0.3	16	12
10818	JUL 12	0904 14.0	41.38S	175.11E	29	2.8	0.2	16	13
10820	JUL 12	1440 3.2	41.28S	174.75E	57	2.8	0.1	14	11
10825	JUL 12	2224 42.6	41.68S	175.40E	18	3.3	0.3	16	13
10838	JUL 13	1559 54.5	40.94S	174.21E	64	2.2	0.2	8	6
10847	JUL 14	0432 7.3	41.79S	174.53E	32	2.2	0.1	16	11
10848	JUL 14	0509 45.1	40.63S	175.51E	31	2.6	0.2	17	11
10849	JUL 14	0512 34.6	41.07S	173.67E	86	2.4	0.2	12	8
10850	JUL 14	0622 16.2	41.56S	174.51E	15	2.9	0.2	25	17
10860	JUL 14	1714 6.4	41.61S	175.36E	20	2.5	0.2	16	11
10865	JUL 15	0520 24.3	41.72S	173.60E	29	2.1	0.0	6	3
10868	JUL 15	0743 18.8	40.56S	174.43E	54	2.5	0.2	14	9
10870	JUL 15	0910 16.5	40.86S	174.82E	59	2.4	0.1	10	8
10872	JUL 15	1241 17.2	40.64S	175.50E	30	2.2	0.2	8	5

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
10873	JUL 15	1406 19.3	41.03S	175.56E	27	2.4	0.1	13	9
10875	JUL 15	1501 45.5	40.82S	174.15E	80	2.4	0.2	13	8
10888	JUL 16	0120 0.6	41.09S	173.50E	96	3.6	0.3	25	20
10891	JUL 16	0159 10.1	41.03S	175.46E	19	2.3	0.2	14	11
10892	JUL 16	0215 30.2	41.64S	175.36E	24	4.2	0.2	21	17
10893	JUL 16	0217 25.5	41.60S	175.32E	17	2.1	0.3	11	8
10894	JUL 16	0222 45.2	41.59S	175.33E	17	2.3	0.3	13	11
10895	JUL 16	0234 1.5	41.57S	175.32E	19	2.5	0.3	11	9
10896	JUL 16	0234 4.2	40.94S	175.67E	37	2.9	0.1	13	10
10897	JUL 16	0234 38.6	41.65S	175.35E	12R	2.1	0.2	7	5
10899	JUL 16	0312 25.2	41.57S	175.33E	19	2.4	0.3	14	11
10901	JUL 16	0552 4.5	41.60S	175.32E	18	2.3	0.3	13	10
10903	JUL 16	0704 23.5	41.47S	174.65E	52	2.5	0.1	13	11
10905	JUL 16	1012 56.0	41.55S	175.32E	19	2.3	0.3	11	8
10913	JUL 16	1233 17.6	41.53S	175.32E	21	2.4	0.2	12	10
10915	JUL 16	1323 0.6	40.55S	175.94E	27	3.1	0.3	15	13
10920	JUL 16	1844 50.3	40.69S	174.38E	71	2.4	0.2	8	7
10928	JUL 17	0858 20.7	40.66S	175.49E	30	2.2	0.2	8	6
10935	JUL 17	2204 11.7	41.63S	175.33E	16	2.1	0.2	15	10
10939	JUL 18	0256 46.1	40.90S	175.14E	28	2.2	0.1	14	9
10940	JUL 18	0432 41.5	41.67S	175.35E	10	2.1	0.2	7	5
10945	JUL 18	0941 24.6	41.14S	174.64E	31	2.4	0.2	12	9
10952	JUL 18	1313 19.5	41.05S	174.89E	58	2.8	0.1	12	9
10962	JUL 19	0230 0.6	41.27S	174.53E	23	2.0	0.3	14	9
10963	JUL 19	0358 24.4	41.14S	173.93E	57	3.3	0.3	23	16
10976	JUL 19	1759 20.4	41.95S	173.51E	23	2.9	0.4	10	6
10978	JUL 20	0203 41.9	41.98S	174.01E	12R	2.0	0.2	9	6
11016	JUL 22	0539 35.0	41.06S	173.88E	86	2.7	0.2	9	5
11022	JUL 22	1547 32.8	40.54S	174.75E	30	2.1	0.3	13	8
11025	JUL 23	0146 44.9	40.76S	174.83E	15	3.0	0.3	19	12
11037	JUL 24	0001 52.9	41.54S	175.33E	20	2.4	0.3	16	10
11044	JUL 24	1112 45.7	41.36S	173.93E	42	2.3	0.2	7	5
11048	JUL 24	1636 45.2	41.92S	174.09E	19	2.3	0.3	12	11
11051	JUL 24	1842 52.3	41.87S	174.06E	21	2.5	0.3	16	12
11055	JUL 24	2134 24.1	40.83S	175.73E	23	2.2	0.2	8	6
11089	JUL 26	0725 45.9	41.36S	175.07E	38	2.5	0.1	13	10
11097	JUL 26	1554 57.0	40.92S	175.07E	32	2.5	0.2	15	11
11100	JUL 26	1945 24.0	40.54S	174.07E	82	3.2	0.2	19	14
11105	JUL 27	0019 57.4	41.36S	175.07E	40	2.5	0.1	13	10
11131	JUL 28	0239 39.3	40.61S	174.02E	108	3.3	0.2	16	11
11144	JUL 28	2026 54.4	40.94S	175.17E	29	2.2	0.1	6	4
11148	JUL 29	0218 3.4	41.79S	174.41E	12	2.9	0.3	20	15
11165	JUL 29	1009 55.7	40.94S	175.14E	28	2.0	0.1	7	5
11175	JUL 29	2315 37.5	40.91S	175.78E	31	2.4	0.2	12	7
11176	JUL 29	2320 16.3	41.01S	175.07E	26	2.5	0.1	14	9

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
11183	JUL 30	0442 38.3	41.30S	174.90E	22	3.4F	0.1	22	19
11192	JUL 30	1056 21.6	41.65S	174.25E	5R	2.2	0.3	15	12
11196	JUL 30	1312 57.6	40.50S	174.14E	92	2.2	0.2	8	6
11205	JUL 30	2250 53.9	40.61S	174.89E	5R	3.8	0.2	7	4
11224	JUL 31	0628 32.6	41.39S	175.10E	29	3.0	0.2	17	11
11226	JUL 31	0702 36.7	41.37S	175.11E	25	2.2	0.1	14	9
11243	JUL 31	2151 26.8	40.82S	174.76E	40	2.0	0.1	9	6
11245	JUL 31	2308 13.7	41.40S	173.66E	73	2.7	0.2	15	10
11246	JUL 31	2357 2.9	41.37S	175.12E	28	2.1	0.1	10	8
11247	AUG 01	0010 3.5	40.69S	175.61E	27	2.5	0.2	12	10
11252	AUG 01	0359 8.7	40.88S	174.32E	5R	2.8	0.3	14	12
11263	AUG 01	1225 7.3	40.57S	173.85E	128	2.4	0.3	10	7
11279	AUG 02	0532 27.8	40.70S	175.28E	28	2.7	0.2	16	14
11283	AUG 02	1546 35.1	41.07S	174.62E	62	2.4	0.1	10	9
11284	AUG 02	1556 53.4	41.64S	174.62E	33	2.3	0.2	16	11
11285	AUG 02	1605 28.2	40.65S	173.63E	134	2.8	0.1	11	8
11300	AUG 03	1320 10.8	41.15S	175.08E	4	3.0F	0.2	15	13
11360	AUG 04	1011 29.1	41.45S	174.23E	21	3.3	0.2	21	15
11376	AUG 04	1725 39.6	41.44S	174.23E	22	2.2	0.2	11	9
11377	AUG 04	1815 56.4	41.61S	175.37E	24	3.3	0.1	17	13
11404	AUG 05	1321 52.0	41.32S	174.42E	40	2.9	0.1	18	12
11420	AUG 06	0104 6.0	41.15S	175.78E	31	2.8	0.1	16	10
11443	AUG 06	1252 28.2	41.08S	174.48E	40	3.1	0.1	21	17
11462	AUG 06	2312 57.5	41.03S	174.84E	51	3.0	0.1	13	12
11466	AUG 07	0050 55.5	41.29S	174.97E	28	2.8	0.1	15	11
11480	AUG 07	0942 47.5	41.66S	175.36E	12R	2.4	0.2	13	9
11490	AUG 07	1525 39.5	41.09S	175.40E	28	2.2	0.1	13	10
11493	AUG 07	1620 23.7	40.62S	174.22E	80	2.7	0.2	11	9
11512	AUG 08	0724 23.6	40.81S	174.94E	38	2.0	0.2	10	5
11518	AUG 08	1100 20.8	40.69S	173.58E	116	2.8	0.2	15	11
11536	AUG 09	0404 10.4	40.79S	175.57E	31	2.5	0.1	11	9
11544	AUG 09	0748 31.6	41.74S	174.49E	32	2.2	0.1	9	6
11556	AUG 10	0148 52.4	41.61S	174.65E	28	2.3	0.1	15	9
11558	AUG 10	0240 26.4	41.62S	174.66E	28	2.0	0.1	14	11
11563	AUG 10	0452 58.8	40.50S	174.57E	54	2.2	0.2	12	7
11564	AUG 10	0504 6.0	40.76S	175.08E	36	2.0	0.2	10	7
11569	AUG 10	0834 55.9	41.48S	174.16E	34	2.3	0.2	15	12
11580	AUG 10	1930 33.1	40.89S	175.82E	15	4.3F	0.4	30	25
11583	AUG 11	0218 51.8	41.64S	175.37E	23	3.1	0.2	20	14
11588	AUG 11	0410 24.4	40.98S	175.58E	27	2.5	0.1	10	6
11592	AUG 11	0931 17.3	41.61S	174.65E	33	2.9	0.2	16	14
11596	AUG 11	1223 32.6	41.20S	174.62E	33	2.3	0.1	13	11
11599	AUG 11	1424 53.3	40.88S	175.77E	21	4.9F	0.3	35	31
11600	AUG 11	1430 59.5	40.87S	175.75E	22	3.1	0.4	22	19
11601	AUG 11	1458 20.5	40.83S	175.75E	26	2.1	0.2	7	6

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
11602	AUG 11	1520 8.4	40.84S	175.74E	25	2.3	0.1	10	8
11603	AUG 11	1532 36.8	40.88S	175.65E	20	2.8	0.3	18	16
11604	AUG 11	1557 24.5	40.84S	175.73E	24	2.3	0.2	10	9
11605	AUG 11	1627 0.3	40.84S	175.74E	26	2.2	0.2	9	8
11606	AUG 11	1648 14.3	40.84S	175.74E	24	4.2	0.1	20	17
11630	AUG 12	1146 32.9	42.00S	173.89E	21	2.5	0.2	19	14
11634	AUG 12	1439 26.8	40.89S	175.77E	20	3.4	0.5	24	19
11640	AUG 12	1923 8.2	41.79S	173.70E	53	2.7	0.1	14	11
11661	AUG 13	0836 25.6	41.69S	174.53E	32	2.2	0.1	14	12
11675	AUG 13	2334 20.6	41.65S	175.39E	23	3.1	0.2	20	13
11681	AUG 14	0254 13.8	40.52S	173.79E	141	2.7	0.2	11	8
11710	AUG 14	2237 21.6	40.62S	174.14E	82	2.0	0.2	7	5
11717	AUG 14	2335 44.6	41.20S	174.54E	34	2.5	0.2	13	10
11722	AUG 15	0434 9.7	41.15S	174.42E	63	2.6	0.0	12	11
11725	AUG 15	0601 53.1	40.62S	175.53E	33	2.1	0.1	6	5
11734	AUG 15	1133 35.8	41.38S	174.65E	29	2.1	0.1	14	12
11735	AUG 15	1208 1.6	41.04S	175.42E	27	2.0	0.1	10	8
11746	AUG 15	1642 24.5	41.44S	174.22E	21	2.6	0.2	17	14
11747	AUG 15	1707 8.3	41.07S	174.49E	38	2.6	0.1	19	15
11749	AUG 15	1754 32.1	41.14S	174.07E	56	2.4	0.1	9	7
11750	AUG 15	1759 9.8	41.05S	174.36E	66	2.8	0.2	21	15
11752	AUG 15	1853 52.8	41.62S	175.37E	21	2.9	0.3	20	13
11757	AUG 15	2056 35.8	41.79S	173.64E	64	2.7	0.1	16	10
11763	AUG 16	0335 59.1	41.15S	173.71E	56	2.5	0.5	15	10
11771	AUG 16	0912 45.6	40.77S	175.12E	32	2.1	0.3	6	5
11772	AUG 16	0929 44.0	41.72S	174.51E	32	2.6	0.2	17	12
11774	AUG 16	1322 5.2	41.62S	174.42E	9	2.3	0.3	18	14
11776	AUG 16	1558 36.8	41.56S	174.41E	17	2.0	0.1	14	9
11783	AUG 17	0611 18.7	40.78S	175.10E	27	2.1	0.1	10	7
11785	AUG 17	0736 3.3	40.73S	175.07E	34	2.4	0.1	11	7
11787	AUG 17	0817 12.1	40.88S	174.97E	42	2.3	0.1	11	7
11824	AUG 18	0116 50.4	41.45S	174.23E	20	2.4	0.2	15	11
11826	AUG 18	0201 57.1	40.77S	174.92E	32	2.3	0.2	11	8
11839	AUG 18	2239 13.0	40.51S	175.97E	12R	2.5	0.1	6	4
11840	AUG 19	0024 19.6	41.02S	175.67E	30	2.8	0.2	15	10
11844	AUG 19	0548 56.3	41.16S	175.23E	27	2.0	0.1	12	7
11848	AUG 19	0848 2.5	41.22S	174.67E	33	2.1	0.1	16	11
11855	AUG 19	1607 6.4	41.41S	174.35E	30	2.1	0.1	12	9
11856	AUG 19	1657 36.3	41.01S	175.62E	27	2.2	0.2	14	9
11885	AUG 21	0354 52.1	41.28S	173.52E	83	3.2	0.3	16	11
11892	AUG 21	1136 12.3	40.98S	174.75E	33	2.4	0.1	12	11
11897	AUG 21	1514 47.0	40.93S	174.75E	44	2.1	0.1	6	5
11900	AUG 21	1751 24.4	40.65S	175.51E	30	2.4	0.2	7	6
11906	AUG 22	0021 27.3	41.38S	173.96E	81	5.5F	0.2	28	23
11909	AUG 22	0304 31.1	41.13S	174.60E	35	2.7	0.1	16	10

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
11917	AUG 22	0818 34.3	40.73S	174.16E	79	2.8	0.2	15	11
11922	AUG 22	1408 9.1	41.64S	174.33E	8	2.9	0.3	18	13
11934	AUG 23	0028 26.3	40.58S	175.64E	22	2.8	0.3	13	9
11963	AUG 24	0142 18.5	40.54S	175.91E	34	2.9	0.1	18	16
11967	AUG 24	0935 43.8	40.72S	175.46E	31	2.7	0.2	12	9
11975	AUG 24	1253 6.9	41.28S	175.83E	23	2.8	0.1	14	8
11977	AUG 24	1356 12.6	41.22S	174.46E	38	2.5	0.1	11	8
11984	AUG 24	2240 52.1	41.32S	174.59E	33	2.1	0.1	11	7
12005	AUG 26	0051 59.8	40.84S	175.13E	31	2.3	0.2	14	9
12007	AUG 26	0600 15.2	40.86S	174.42E	23	2.0	0.2	12	8
12009	AUG 26	0821 0.4	41.66S	174.57E	26	2.1	0.1	17	10
12015	AUG 26	1422 9.8	41.79S	173.95E	57	2.6	0.2	16	10
12018	AUG 26	1555 51.1	40.57S	175.71E	30	2.2	0.2	14	8
12021	AUG 26	2109 34.0	41.55S	173.66E	63	2.2	0.2	9	6
12033	AUG 27	0417 9.9	41.81S	174.53E	31	2.1	0.2	12	10
12036	AUG 27	0554 30.1	41.84S	174.47E	23	2.0	0.1	10	8
12040	AUG 27	0901 24.1	41.19S	173.78E	55	2.2	0.0	8	4
12041	AUG 27	0935 33.7	41.65S	174.23E	8	2.6	0.3	19	13
12048	AUG 27	1652 55.4	41.31S	174.37E	33	2.0	0.1	8	6
12088	AUG 29	2014 1.7	41.97S	174.16E	16	3.4	0.3	21	15
12092	AUG 29	2157 21.6	41.11S	174.41E	57	2.0	0.0	8	5
12094	AUG 30	0224 56.0	41.20S	175.78E	19	2.1	0.2	12	9
12097	AUG 30	0444 49.9	40.59S	174.96E	33	2.6	0.2	12	10
12116	AUG 30	1653 52.8	40.70S	175.02E	21	2.0	0.2	13	10
12123	AUG 30	2224 17.4	40.98S	175.56E	25	2.1	0.2	15	10
12152	SEP 01	0045 37.0	41.52S	173.90E	39	2.5	0.2	15	11
12155	SEP 01	0335 56.5	41.02S	174.58E	46	2.4	0.1	7	6
12160	SEP 01	0808 35.3	41.10S	175.17E	24	2.2	0.1	9	8
12162	SEP 01	0812 6.7	41.10S	175.18E	24	2.3	0.2	12	9
12182	SEP 02	1828 35.4	40.79S	175.20E	35	2.5	0.1	12	9
12185	SEP 02	2157 31.0	41.57S	175.34E	22	2.6	0.2	16	11
12190	SEP 03	0819 44.8	40.53S	175.88E	57	2.6	0.2	18	14
12195	SEP 03	1257 52.2	40.56S	175.71E	14	2.4	0.2	13	10
12198	SEP 03	1557 37.2	41.10S	174.85E	56	3.2	0.2	29	23
12204	SEP 03	2133 20.8	41.01S	175.49E	23	2.3	0.1	13	10
12206	SEP 04	0619 12.3	41.45S	174.19E	22	2.4	0.2	12	10
12208	SEP 04	0948 17.5	40.99S	175.47E	13	2.0	0.2	12	10
12219	SEP 04	1931 30.7	40.91S	174.77E	57	2.5	0.2	11	9
12231	SEP 05	1117 16.6	41.62S	175.33E	18	2.1	0.3	14	10
12233	SEP 05	1623 45.6	40.93S	173.87E	57	2.3	0.2	9	6
12237	SEP 05	2108 27.9	41.99S	174.13E	12R	2.7	0.4	11	4
12240	SEP 06	0219 6.3	40.66S	174.43E	40	2.4	0.3	14	9
12241	SEP 06	0402 51.5	40.85S	175.70E	21	2.8	0.3	14	11
12263	SEP 07	2135 58.2	41.78S	174.48E	26	2.4	0.1	9	6
12275	SEP 08	1311 32.2	41.22S	173.62E	90	3.0	0.2	22	17

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
12289	SEP 09	0507 14.0	41.81S	174.45E	22	3.7	0.2	28	19
12302	SEP 09	1714 28.4	41.79S	174.54E	38	2.3	0.1	13	10
12327	SEP 10	1112 55.0	41.69S	174.49E	46	2.0	0.1	10	9
12333	SEP 10	1605 32.5	40.61S	174.33E	65	3.1	0.3	25	21
12340	SEP 10	2003 42.9	41.15S	175.08E	5R	2.1	0.2	12	9
12346	SEP 11	0041 31.3	41.37S	175.11E	28	2.2	0.1	16	11
12372	SEP 11	2038 19.2	41.34S	175.44E	39	2.7	0.1	13	9
12381	SEP 12	0447 6.7	40.86S	174.88E	55	2.9	0.1	18	13
12388	SEP 12	1216 57.3	40.72S	175.43E	28	2.6	0.3	18	13
12389	SEP 12	1255 39.8	41.14S	175.08E	5R	2.5	0.2	19	15
12390	SEP 12	1308 25.2	40.91S	174.93E	41	2.3	0.1	15	11
12397	SEP 12	1911 47.8	40.91S	174.93E	39	2.3	0.1	12	9
12400	SEP 12	2328 6.1	41.78S	174.48E	41	2.5	0.1	11	10
12413	SEP 13	1431 33.2	40.96S	174.99E	29	3.1	0.2	25	17
12417	SEP 13	1836 50.5	40.68S	173.73E	109	2.9	0.2	20	13
12428	SEP 14	0213 25.4	40.73S	174.39E	5R	3.2	0.3	25	20
12438	SEP 14	1344 12.5	42.00S	173.86E	19	2.4	0.2	11	7
12442	SEP 14	1527 33.0	42.00S	173.88E	24	2.9	0.2	19	13
12455	SEP 14	2345 19.8	41.40S	174.24E	32	2.5	0.2	12	10
12456	SEP 15	0055 47.6	40.73S	174.33E	51	2.7	0.3	9	6
12461	SEP 15	0302 41.4	41.16S	173.80E	54	2.7	0.3	8	5
12471	SEP 15	0428 23.4	41.28S	174.85E	26	2.5	0.1	12	7
12490	SEP 16	0547 23.3	41.78S	174.16E	11	2.1	0.3	14	9
12504	SEP 16	2008 29.5	41.90S	174.00E	21	2.1	0.3	9	5
12511	SEP 17	0057 30.1	40.60S	173.86E	108	2.9	0.2	20	12
12518	SEP 17	0655 10.2	40.70S	174.37E	47	2.8	0.4	16	11
12519	SEP 17	0813 56.0	41.58S	174.19E	5R	2.4	0.4	8	6
12541	SEP 18	0003 11.6	41.57S	174.36E	18	2.1	0.2	16	11
12542	SEP 18	0042 2.0	41.30S	173.70E	56	2.4	0.2	11	7
12547	SEP 18	0355 22.4	41.29S	174.31E	66	2.4	0.2	15	10
12563	SEP 18	1004 35.2	40.64S	174.89E	12R	2.2	0.2	14	9
12565	SEP 18	1023 52.1	41.22S	174.56E	38	2.2	0.1	14	12
12583	SEP 18	2110 31.2	40.90S	176.00E	29	2.2	0.2	9	7
12585	SEP 18	2258 55.1	40.54S	175.51E	38	2.3	0.2	8	6
12590	SEP 19	0208 24.2	40.57S	175.32E	34	2.5	0.3	13	11
12591	SEP 19	0318 20.6	40.90S	175.28E	27	2.3	0.1	17	10
12592	SEP 19	0321 20.0	40.60S	175.02E	33	2.4	0.2	16	11
12627	SEP 20	0310 21.2	40.95S	174.95E	31	2.1	0.1	14	8
12642	SEP 21	0418 32.0	41.15S	175.63E	24	2.0	0.1	16	10
12657	SEP 21	1451 37.1	40.96S	173.87E	65	2.5	0.2	13	9
12688	SEP 22	2235 36.9	40.51S	174.73E	33	2.0	0.2	8	6
12708	SEP 23	1014 36.1	40.57S	174.93E	17	2.9	0.2	27	21
12710	SEP 23	1041 2.7	41.28S	174.83E	28	2.4	0.1	13	9
12716	SEP 23	1237 15.4	41.34S	173.76E	57	2.3	0.2	12	9
12730	SEP 23	1828 52.2	41.20S	173.95E	50	2.6	0.1	11	9

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
12762	SEP 24	0006 35.8	41.27S	174.38E	40	4.2F	0.2	33	28
12765	SEP 24	0203 9.4	41.23S	174.33E	36	2.4	0.2	13	10
12768	SEP 24	0548 26.2	41.26S	174.35E	40	2.8	0.2	12	10
12771	SEP 24	0624 29.6	41.25S	174.34E	35	2.1	0.2	11	9
12816	SEP 24	1711 12.2	41.25S	174.35E	37	2.3	0.2	12	10
12822	SEP 25	0231 34.4	41.21S	174.82E	28	2.5	0.1	19	13
12825	SEP 25	0437 25.7	41.24S	174.35E	38	2.5	0.1	13	10
12826	SEP 25	0533 2.3	41.26S	174.34E	40	2.2	0.2	10	7
12840	SEP 25	2231 37.1	40.98S	175.18E	30	2.7	0.2	15	11
12843	SEP 26	0346 39.0	40.85S	175.53E	30	2.0	0.2	9	6
12844	SEP 26	0354 45.4	40.85S	175.51E	26	2.3	0.1	11	8
12855	SEP 26	1510 7.8	40.80S	173.92E	43	2.2	0.3	10	9
12864	SEP 26	1947 16.7	40.69S	173.75E	92	3.5	0.3	31	24
12930	SEP 27	2110 5.1	41.75S	173.84E	14	2.0	0.2	10	8
13028	SEP 29	0506 36.5	41.26S	175.15E	23	2.4	0.1	13	10
13042	SEP 29	0935 35.9	40.72S	175.48E	27	2.6	0.1	6	3
13093	SEP 30	2024 23.8	41.27S	174.37E	41	3.4	0.2	31	21
13094	SEP 30	2123 45.3	41.58S	174.34E	26	2.5	0.2	19	14
13097	OCT 01	0147 11.4	41.37S	174.24E	44	2.9	0.1	20	16
13108	OCT 01	0710 3.1	40.66S	175.28E	34	2.2	0.1	8	6
13109	OCT 01	0803 53.0	40.81S	175.05E	37	2.2	0.1	10	7
13120	OCT 01	1443 31.2	41.26S	175.31E	26	2.0	0.0	10	7
13128	OCT 01	2202 34.6	40.85S	175.10E	33	2.4	0.2	14	11
13146	OCT 02	0551 45.9	41.29S	175.29E	28	2.6	0.1	17	12
13153	OCT 02	0926 31.5	41.17S	175.21E	28	2.4	0.1	14	11
13154	OCT 02	1211 13.7	40.95S	173.58E	95	2.7	0.3	14	11
13169	OCT 02	2214 22.5	41.68S	174.20E	10	2.2	0.3	13	10
13184	OCT 03	1003 45.4	40.68S	175.58E	27	2.1	0.2	7	6
13185	OCT 03	1003 47.6	40.67S	175.57E	29	2.0	0.1	9	8
13186	OCT 03	1046 47.8	40.55S	175.45E	32	2.1	0.1	9	8
13192	OCT 03	1449 6.5	40.70S	175.84E	31	2.7	0.2	14	11
13198	OCT 03	1808 14.5	41.86S	173.55E	5R	2.3	0.4	8	4
13203	OCT 03	2017 22.4	41.11S	175.01E	16	2.0	0.1	10	7
13209	OCT 04	0049 30.3	41.00S	174.20E	54	2.5	0.2	13	10
13216	OCT 04	0638 26.7	41.44S	174.77E	28	2.0	0.1	11	7
13226	OCT 04	1044 41.3	40.77S	174.83E	22	2.0	0.1	9	6
13236	OCT 04	1903 52.9	41.09S	174.64E	58	3.2	0.2	20	16
13237	OCT 04	2128 44.6	41.90S	174.02E	18	2.3	0.3	10	8
13249	OCT 05	0646 31.0	41.79S	174.58E	29	2.2	0.3	11	9
13261	OCT 05	1241 16.4	40.52S	174.83E	25	3.0	0.3	27	24
13262	OCT 05	1303 40.1	41.94S	173.51E	39	2.4	0.0	5	3
13273	OCT 05	2118 30.1	41.65S	174.29E	12R	2.8	0.2	19	15
13274	OCT 05	2124 43.8	41.65S	174.29E	9	2.4	0.2	14	11
13285	OCT 06	0448 47.9	41.77S	174.35E	26	4.0	0.1	24	18
13288	OCT 06	0756 27.7	41.62S	174.77E	31	2.2	0.2	13	11

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
13303	OCT 06	1628 37.9	41.52S	175.59E	27	2.3	0.1	12	9
13390	OCT 07	1528 28.0	40.74S	174.10E	71	2.2	0.1	7	6
13418	OCT 08	0517 54.8	40.68S	175.40E	31	2.0	0.2	13	8
13425	OCT 08	1241 42.1	41.55S	175.19E	30	2.8	0.1	18	13
13433	OCT 08	2030 4.5	41.63S	174.78E	32	2.5	0.2	15	12
13436	OCT 08	2142 6.2	40.56S	173.96E	106	2.6	0.1	10	9
13444	OCT 09	0107 51.8	41.06S	173.93E	54	2.5	0.2	10	7
13446	OCT 09	0410 8.7	41.70S	173.88E	10	2.5	0.3	13	11
13447	OCT 09	0410 25.5	41.74S	174.02E	5R	2.2	0.2	5	4
13448	OCT 09	0411 12.2	41.68S	173.84E	11	3.1	0.2	25	18
13449	OCT 09	0415 35.3	41.68S	173.84E	10	2.5	0.2	18	14
13450	OCT 09	0500 18.2	41.69S	173.83E	10	2.8	0.2	22	16
13452	OCT 09	0525 46.9	41.68S	173.80E	5R	2.0	0.3	13	11
13453	OCT 09	0525 55.6	41.68S	173.82E	7	2.8	0.2	22	16
13457	OCT 09	0558 58.3	41.77S	173.83E	10	2.4	0.2	8	6
13459	OCT 09	0636 2.5	41.70S	173.86E	10	2.4	0.3	14	11
13460	OCT 09	0637 57.2	41.71S	173.89E	9	2.3	0.2	14	11
13461	OCT 09	0648 13.6	41.61S	173.69E	12R	2.3	0.1	10	8
13462	OCT 09	0650 19.0	41.69S	173.83E	11	3.3	0.2	26	19
13463	OCT 09	0706 49.5	41.69S	173.83E	9	2.4	0.2	19	13
13464	OCT 09	0716 17.9	40.71S	175.77E	31	2.5	0.0	5	3
13466	OCT 09	0802 49.7	41.71S	173.87E	9	2.2	0.3	9	7
13474	OCT 09	1206 44.6	41.69S	173.85E	9	3.0	0.3	24	18
13475	OCT 09	1207 26.8	41.70S	173.86E	9	2.6	0.2	11	9
13476	OCT 09	1220 33.1	41.68S	173.83E	9	2.9	0.2	21	17
13477	OCT 09	1231 11.2	41.26S	175.15E	21	2.0	0.1	8	7
13481	OCT 09	1750 46.3	40.68S	175.15E	32	2.3	0.1	8	6
13488	OCT 10	0346 25.4	40.67S	175.47E	26	3.2	0.2	20	17
13490	OCT 10	0421 16.0	40.65S	175.46E	28	2.4	0.1	13	10
13495	OCT 10	1200 0.7	40.63S	175.78E	12R	2.6	0.6	6	3
13524	OCT 11	1536 20.0	41.76S	174.47E	29	2.7	0.2	17	14
13525	OCT 11	1606 20.2	40.63S	174.89E	12R	2.9	0.2	20	18
13560	OCT 12	1528 29.9	41.52S	173.80E	49	3.0	0.2	19	13
13564	OCT 12	1553 15.0	41.39S	175.05E	27	2.1	0.2	12	8
13585	OCT 12	1807 18.7	40.95S	175.46E	25	2.3	0.1	12	9
13586	OCT 12	1810 23.5	40.96S	175.56E	27	2.4	0.1	10	8
13592	OCT 12	2048 11.8	41.01S	175.21E	28	2.7	0.2	17	14
13604	OCT 13	0656 59.9	41.90S	173.83E	39	3.1	0.2	25	19
13610	OCT 13	0805 10.7	40.91S	175.67E	27	3.6	0.3	32	29
13635	OCT 14	0310 41.5	40.98S	175.13E	25	2.3	0.1	11	8
13641	OCT 14	0625 33.5	41.56S	174.14E	32	4.4	0.2	29	22
13643	OCT 14	0720 32.8	41.36S	174.65E	30	2.9	0.2	17	14
13648	OCT 14	0818 1.5	41.56S	174.14E	31	2.3	0.2	10	7
13654	OCT 14	1100 48.4	41.76S	173.59E	55	2.5	0.5	7	4
13665	OCT 15	0014 5.4	41.55S	174.12E	34	2.9	0.2	22	18

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
13671	OCT 15	0715 16.6	41.68S	173.94E	11	2.3	0.3	9	7
13685	OCT 16	0227 38.1	40.79S	175.72E	26	2.0	0.2	11	8
13693	OCT 16	1235 16.1	40.93S	173.75E	82	3.2	0.2	19	17
13699	OCT 16	2124 7.1	40.51S	174.98E	29	2.1	0.2	10	6
13711	OCT 17	0932 54.5	40.54S	176.00E	28	2.4	0.2	10	8
13721	OCT 17	1420 12.0	40.89S	175.50E	23	2.8	0.2	14	11
13723	OCT 17	1504 45.6	40.93S	175.98E	30	2.4	0.1	8	6
13730	OCT 17	2126 10.4	40.50S	175.88E	30	2.9	0.2	18	15
13746	OCT 18	0754 32.4	40.79S	175.11E	30	2.5	0.2	14	11
13748	OCT 18	1022 13.3	41.69S	173.84E	11	2.4	0.3	16	12
13750	OCT 18	1040 57.8	40.89S	175.75E	28	2.1	0.3	10	8
13751	OCT 18	1045 44.9	41.73S	173.89E	7	2.3	0.1	13	8
13754	OCT 18	1259 14.0	41.72S	173.89E	8	2.2	0.2	11	7
13762	OCT 18	1858 42.9	41.73S	173.78E	5R	2.3	0.5	7	3
13778	OCT 19	0527 31.5	41.28S	174.82E	22	2.8	0.1	17	12
13781	OCT 19	0550 33.3	41.29S	174.82E	24	2.8	0.2	18	15
13783	OCT 19	0610 31.3	40.90S	175.19E	28	2.8	0.3	17	13
13786	OCT 19	0743 59.1	41.38S	174.66E	23	2.0	0.2	11	9
13790	OCT 19	1320 14.2	41.62S	174.20E	56	2.8	0.2	17	14
13811	OCT 20	0109 55.3	41.55S	174.12E	37	3.6	0.2	28	20
13813	OCT 20	0224 43.0	40.73S	174.25E	72	2.4	0.1	10	7
13818	OCT 20	0625 51.2	41.07S	174.39E	15	2.0	0.2	9	6
13834	OCT 20	1500 19.3	41.55S	174.12E	32	2.7	0.2	18	14
13843	OCT 20	2259 46.4	41.76S	173.85E	40	2.8	0.2	15	11
13848	OCT 21	0147 1.5	40.62S	175.31E	34	2.4	0.2	10	8
13875	OCT 21	1459 29.6	40.88S	175.24E	34	2.2	0.1	14	9
13878	OCT 21	1607 27.6	41.39S	174.63E	17	2.2	0.2	17	13
13881	OCT 21	1728 26.9	40.61S	174.90E	5R	3.0	0.3	29	24
13889	OCT 21	2312 5.1	41.10S	175.49E	33	3.0	0.1	18	14
13891	OCT 22	0051 27.6	41.05S	174.38E	65	2.5	0.0	10	9
13905	OCT 22	0832 35.9	40.64S	175.79E	33	2.5	0.3	9	6
13918	OCT 22	1453 53.4	40.65S	175.54E	31	2.7	0.2	10	8
13952	OCT 23	1157 6.6	41.76S	174.52E	33	2.2	0.1	10	8
13965	OCT 23	1910 49.4	41.41S	175.05E	27	2.3	0.1	17	11
13966	OCT 23	1920 10.1	41.41S	175.05E	27	2.1	0.2	13	10
13970	OCT 23	2218 35.4	41.62S	174.59E	46	3.4	0.2	26	22
13977	OCT 24	0317 7.1	40.86S	174.94E	39	2.1	0.1	8	6
14000	OCT 24	1625 28.3	41.28S	175.31E	27	2.2	0.2	12	9
14030	OCT 25	0413 41.9	40.68S	175.48E	30	2.4	0.2	12	9
14031	OCT 25	0423 43.2	41.30S	175.21E	25	2.2	0.1	14	9
14052	OCT 25	1055 44.2	40.95S	175.13E	34	2.0	0.2	13	9
14059	OCT 25	1306 23.7	41.69S	174.60E	32	2.1	0.1	13	9
14070	OCT 25	1700 1.6	40.85S	174.60E	62	2.3	0.1	10	9
14093	OCT 26	0737 8.5	41.64S	174.79E	29	2.9	0.2	19	15
14096	OCT 26	0859 47.7	41.36S	174.65E	30	2.4	0.2	15	12

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
14098	OCT 26	0927 52.3	40.64S	174.71E	39	2.1	0.2	10	8
14099	OCT 26	1030 19.1	41.33S	174.41E	16	2.6	0.3	17	14
14102	OCT 26	1525 54.1	40.52S	174.21E	81	2.5	0.1	17	10
14104	OCT 26	1654 28.8	40.84S	174.12E	55	2.5	0.2	19	12
14106	OCT 26	1743 35.5	40.83S	174.71E	36	2.1	0.1	11	8
14108	OCT 26	1905 34.3	40.78S	175.12E	54	2.7	0.1	19	14
14126	OCT 27	0430 33.6	41.02S	174.15E	55	2.6	0.2	15	10
14131	OCT 27	0543 37.2	41.54S	174.10E	35	3.6	0.2	26	20
14132	OCT 27	0549 41.2	41.54S	174.12E	33	3.1	0.2	26	19
14145	OCT 27	1128 24.4	40.93S	175.98E	30	2.0	0.2	13	9
14152	OCT 27	1520 53.7	40.55S	173.75E	135	2.5	0.2	16	9
14173	OCT 28	0044 30.0	41.08S	174.44E	36	2.2	0.1	10	7
14210	OCT 28	1616 1.3	41.20S	173.67E	83	2.6	0.2	14	9
14214	OCT 28	1721 24.0	41.88S	173.61E	52	2.8	0.2	21	14
14218	OCT 28	2005 34.7	41.38S	174.55E	56	2.1	0.0	12	8
14225	OCT 29	0120 2.1	41.59S	174.55E	52	2.6	0.1	14	12
14230	OCT 29	0545 36.7	40.89S	174.87E	50	2.6	0.0	14	9
14244	OCT 29	1108 20.3	41.30S	174.55E	32	3.2F	0.2	28	21
14245	OCT 29	1111 38.5	40.92S	174.13E	58	2.2	0.1	8	6
14252	OCT 29	1632 28.0	40.98S	174.27E	65	2.0	0.1	9	6
14265	OCT 29	2236 51.0	41.02S	175.06E	27	2.3	0.2	14	9
14277	OCT 30	0649 12.5	41.76S	174.51E	36	2.4	0.1	8	5
14297	OCT 31	0126 31.1	41.75S	173.81E	41	2.8	0.2	24	16
14311	OCT 31	1032 36.3	41.39S	174.42E	31	2.5	0.2	18	13
14315	OCT 31	1130 27.7	41.10S	174.50E	39	2.6	0.2	17	12
14317	OCT 31	1356 5.7	40.92S	175.71E	18	2.6	0.1	14	11
14324	OCT 31	1830 9.0	40.74S	175.38E	34	3.2	0.2	32	26
14325	OCT 31	1843 29.8	41.71S	174.24E	9	2.3	0.2	16	12
14373	NOV 01	1926 13.6	40.60S	174.27E	69	3.9	0.3	43	37
14419	NOV 02	1313 1.2	40.75S	174.70E	5R	2.2	0.2	8	7
14431	NOV 02	1711 6.1	41.52S	173.61E	60	2.6	0.2	19	12
14434	NOV 02	1901 39.3	41.04S	174.07E	53	3.0	0.2	24	18
14444	NOV 02	2205 13.4	41.63S	174.18E	5R	2.2	0.1	17	12
14476	NOV 03	1515 7.9	40.78S	175.65E	27	2.2	0.1	11	8
14485	NOV 03	1905 54.4	41.05S	173.90E	60	3.1	0.3	26	15
14502	NOV 04	1648 44.5	41.64S	175.34E	23	3.0	0.3	19	14
14506	NOV 04	1942 15.4	40.97S	175.64E	23	3.4	0.2	24	19
14507	NOV 04	1945 30.5	40.96S	175.65E	25	2.2	0.1	13	9
14518	NOV 05	0608 8.7	41.89S	174.12E	12R	2.0	0.3	10	7
14537	NOV 05	2131 53.5	40.93S	175.05E	31	3.3	0.3	27	25
14551	NOV 06	0532 49.4	41.20S	174.77E	52	2.1	0.1	14	9
14557	NOV 06	0709 2.6	41.61S	174.61E	33	2.3	0.2	18	12
14574	NOV 06	1424 14.4	41.58S	174.46E	10	2.1	0.2	14	11
14584	NOV 06	2111 18.6	40.59S	174.74E	40	2.5	0.1	12	9
14585	NOV 06	2124 51.0	40.92S	175.03E	32	2.7	0.1	17	12

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
14589	NOV 07	0228 59.0	40.55S	174.76E	30	2.0	0.2	11	8
14603	NOV 07	0832 58.0	41.26S	175.22E	26	2.2	0.1	11	8
14607	NOV 07	1019 32.9	41.27S	175.23E	27	2.4	0.1	16	10
14667	NOV 08	1627 26.2	41.70S	174.53E	31	3.2	0.2	23	18
14672	NOV 08	2010 16.4	41.35S	174.74E	11	2.1	0.1	14	10
14676	NOV 09	0014 1.0	41.28S	174.03E	50	2.6	0.1	12	8
14677	NOV 09	0029 21.5	40.76S	173.72E	84	2.7	0.2	11	9
14691	NOV 09	0952 53.2	41.59S	174.34E	27	3.2	0.2	22	17
14692	NOV 09	0955 8.6	41.59S	174.34E	26	2.8	0.2	22	15
14693	NOV 09	0957 53.4	41.57S	174.31E	28	2.4	0.1	11	9
14698	NOV 09	1742 31.7	40.59S	175.13E	32	2.6	0.3	12	10
14699	NOV 09	1810 45.4	41.10S	174.77E	32	2.6	0.1	14	12
14701	NOV 09	1906 48.2	41.38S	173.51E	102	3.2	0.3	18	15
14719	NOV 10	0641 10.5	41.57S	174.33E	28	2.2	0.1	10	7
14723	NOV 10	0855 2.8	41.00S	175.57E	28	2.3	0.1	13	9
14744	NOV 11	1055 48.4	41.82S	174.06E	11	2.6	0.2	12	8
14754	NOV 11	1956 0.6	41.00S	174.21E	46	2.5	0.2	11	9
14761	NOV 12	0134 36.4	41.96S	173.75E	12R	2.4	0.3	8	3
14762	NOV 12	0201 21.4	41.81S	174.59E	21	2.4	0.1	12	8
14780	NOV 12	1555 2.3	41.59S	174.34E	26	2.0	0.1	17	11
14782	NOV 12	1707 34.6	41.15S	174.99E	29	2.3	0.1	13	9
14796	NOV 12	2242 53.8	40.54S	174.66E	50	3.2	0.3	41	31
14797	NOV 13	0140 49.3	41.57S	174.32E	25	2.1	0.1	15	10
14808	NOV 13	1539 9.0	41.81S	174.08E	12	2.2	0.3	17	12
14810	NOV 13	1611 52.3	40.92S	174.95E	34	2.3	0.1	14	10
14815	NOV 13	1824 56.2	40.89S	175.80E	32	2.1	0.1	9	6
14862	NOV 15	1830 5.5	41.19S	175.11E	27	2.5	0.1	17	10
14864	NOV 15	1853 39.8	40.69S	175.68E	13	2.6	0.2	18	15
14880	NOV 16	0850 38.3	41.49S	174.71E	29	2.4	0.2	15	12
14885	NOV 16	1007 28.0	40.96S	174.65E	45	3.2	0.2	34	31
14897	NOV 16	2026 46.8	41.02S	174.78E	58	2.0	0.1	7	6
14899	NOV 16	2141 12.8	41.06S	175.55E	29	2.8	0.1	15	13
14903	NOV 17	0215 23.4	40.74S	174.36E	54	2.5	0.2	18	11
14905	NOV 17	0305 58.9	40.82S	174.80E	11	2.3	0.2	13	8
14906	NOV 17	0357 35.4	40.56S	174.11E	85	2.7	0.3	25	15
14922	NOV 17	1025 26.2	40.82S	175.35E	26	3.0	0.3	24	20
14923	NOV 17	1029 2.2	40.83S	175.37E	25	4.4F	0.2	48	40
14924	NOV 17	1035 1.3	40.77S	175.33E	28	2.1	0.2	12	9
14926	NOV 17	1101 19.8	40.78S	175.33E	28	2.0	0.2	14	8
14931	NOV 17	1152 18.0	41.07S	175.35E	28	2.0	0.1	12	7
14936	NOV 17	1253 2.7	40.82S	175.34E	25	2.9	0.3	27	20
14962	NOV 17	2133 35.1	42.00S	174.03E	12R	2.1	0.2	8	6
14963	NOV 17	2134 43.6	40.97S	175.56E	25	2.3	0.1	13	10
14974	NOV 18	0628 57.3	40.97S	175.57E	29	2.7	0.1	13	11
14987	NOV 18	1352 57.3	41.27S	174.70E	60	2.9	0.2	21	15

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
15007	NOV 19	0705 24.6	40.81S	175.32E	25	2.2	0.1	9	8
15012	NOV 19	0944 59.8	40.93S	175.53E	32	2.1	0.1	11	9
15037	NOV 20	1158 31.6	41.29S	175.28E	25	2.2	0.1	13	9
15039	NOV 20	1355 16.7	40.65S	174.34E	48	2.3	0.3	13	10
15050	NOV 20	2310 18.8	40.65S	175.50E	29	2.3	0.1	9	7
15068	NOV 21	1900 30.0	40.85S	174.98E	40	2.3	0.1	9	7
15069	NOV 21	1922 29.3	40.58S	174.07E	85	2.8	0.2	21	16
15075	NOV 21	2204 7.2	40.86S	175.87E	31	2.9	0.2	10	9
15084	NOV 22	0044 13.9	40.68S	173.53E	155	2.8	0.2	9	7
15091	NOV 22	0818 26.1	41.75S	174.26E	13	2.0	0.2	10	9
15092	NOV 22	0820 45.7	40.97S	174.91E	45	2.2	0.1	8	7
15093	NOV 22	0839 47.1	41.02S	174.11E	53	2.2	0.2	7	6
15098	NOV 22	1106 27.8	40.55S	174.15E	5R	2.7	0.2	7	3
15106	NOV 22	1518 30.3	41.19S	174.53E	35	2.2	0.2	13	11
15107	NOV 22	1526 11.7	40.99S	174.14E	62	3.0	0.2	24	18
15111	NOV 22	1638 4.0	40.99S	175.13E	27	2.0	0.1	8	6
15120	NOV 23	0213 57.3	41.46S	174.45E	18	2.7	0.3	21	17
15124	NOV 23	0359 53.9	41.12S	174.73E	59	3.5	0.2	37	29
15129	NOV 23	0603 41.1	40.88S	174.25E	45	2.0	0.2	9	8
15131	NOV 23	0819 31.0	41.61S	173.97E	10	3.1	0.3	26	21
15140	NOV 23	1252 25.1	41.52S	175.34E	19	2.2	0.2	14	10
15159	NOV 24	0414 28.4	40.76S	175.29E	25	2.6	0.2	13	11
15485	NOV 24	1238 12.8	40.83S	175.08E	30	3.0	0.2	20	15
15623	NOV 24	1904 34.8	40.59S	175.18E	31	2.3	0.2	11	9
15728	NOV 25	0437 42.5	41.00S	175.56E	23	2.5	0.1	13	11
15729	NOV 25	0457 7.5	41.14S	175.07E	5R	2.4	0.3	12	10
15747	NOV 25	0618 36.7	40.79S	175.34E	29	2.6	0.2	11	9
15750	NOV 25	0640 18.4	40.73S	174.37E	80	3.2	0.2	25	19
15825	NOV 25	1233 51.8	40.74S	175.11E	5R	3.0	0.2	18	15
15843	NOV 25	1528 12.0	41.16S	175.08E	5R	2.4	0.2	14	13
15865	NOV 25	2002 52.0	41.60S	174.35E	12R	2.3	0.3	14	10
16086	NOV 27	1313 27.5	41.63S	174.00E	10	2.9	0.2	19	16
16089	NOV 27	1450 22.7	40.75S	174.92E	30	2.2	0.2	10	7
16108	NOV 27	2250 2.6	40.88S	175.13E	31	2.3	0.1	13	10
16119	NOV 28	0235 14.1	41.06S	173.86E	67	2.3	0.2	10	8
16120	NOV 28	0244 38.9	41.30S	175.18E	24	2.0	0.1	11	7
16131	NOV 28	0554 36.1	40.63S	174.90E	40	2.1	0.1	7	6
16136	NOV 28	0811 59.5	40.53S	175.85E	28	2.6	0.2	17	14
16138	NOV 28	0846 19.5	40.72S	174.37E	41	2.4	0.2	12	9
16203	NOV 29	0817 24.0	41.28S	175.77E	20	2.1	0.1	13	9
16227	NOV 29	1744 27.7	40.80S	175.32E	25	2.5	0.2	15	11
16232	NOV 29	1900 50.9	40.51S	174.67E	12R	2.3	0.3	13	10
16245	NOV 30	0207 4.0	41.76S	173.60E	55	2.4	0.3	8	5
16248	NOV 30	0342 23.7	41.52S	173.61E	60	2.8	0.2	17	12
16255	NOV 30	0545 27.9	41.67S	174.61E	33	3.5	0.2	23	20

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
16285	NOV 30	1342 27.9	41.03S	174.84E	30	3.1	0.2	19	15
16325	DEC 01	0304 23.8	41.61S	173.67E	25	2.3	0.1	8	5
16338	DEC 01	0715 37.4	40.78S	174.96E	58	2.6	0.1	8	5
16372	DEC 01	2230 43.3	40.59S	175.49E	65	4.2	0.2	45	33
16438	DEC 03	0324 18.4	41.42S	173.76E	69	2.9	0.2	14	7
16447	DEC 03	1101 9.3	40.59S	175.49E	12	2.3	0.1	8	7
16449	DEC 03	1107 21.4	40.85S	175.40E	25	3.1	0.1	15	13
16455	DEC 03	1432 21.8	41.16S	173.60E	82	2.8	0.3	12	6
16476	DEC 04	0358 1.6	41.59S	174.13E	5R	2.2	0.3	14	10
16480	DEC 04	0500 25.6	40.58S	174.72E	32	2.1	0.3	10	7
16501	DEC 04	1240 47.8	41.55S	174.55E	13	2.2	0.2	15	12
16502	DEC 04	1244 4.3	40.59S	175.33E	33	2.2	0.1	12	10
16524	DEC 04	1846 57.1	40.53S	173.74E	95	3.4	0.3	31	21
16525	DEC 04	1901 20.6	41.60S	174.34E	24	2.9	0.2	22	16
16527	DEC 04	1914 51.9	41.58S	174.33E	26	2.5	0.2	18	14
16536	DEC 05	0123 43.8	40.70S	175.17E	32	2.3	0.1	11	8
16553	DEC 05	0742 31.4	40.57S	174.17E	67	2.7	0.2	12	10
16557	DEC 05	0810 2.9	41.39S	173.50E	83	2.8	0.3	21	14
16569	DEC 05	1132 59.7	41.01S	175.34E	26	2.5	0.2	16	11
16601	DEC 05	2239 19.7	40.87S	175.79E	29	2.0	0.2	9	7
16622	DEC 06	0520 32.1	40.67S	175.78E	26	2.5	0.3	15	13
16623	DEC 06	0521 17.4	40.66S	175.75E	26	2.6	0.3	19	16
16624	DEC 06	0537 31.3	41.81S	174.56E	29	2.7	0.2	20	15
16641	DEC 06	1259 24.7	40.59S	174.40E	80	2.5	0.1	11	9
16667	DEC 06	2134 55.9	40.69S	174.43E	45	2.1	0.1	13	9
16677	DEC 07	0014 26.9	41.71S	174.19E	15	2.3	0.1	15	10
16706	DEC 07	1503 11.0	41.71S	174.49E	47	3.0	0.2	27	20
16733	DEC 08	0926 27.8	40.52S	174.21E	89	2.5	0.2	14	10
16750	DEC 08	2311 0.6	40.97S	175.62E	18	2.4	0.1	13	10
16765	DEC 09	0745 21.4	41.18S	175.73E	22	2.1	0.2	13	10
16768	DEC 09	0838 44.6	41.18S	175.74E	23	2.2	0.1	12	9
16774	DEC 09	1428 40.5	41.66S	174.18E	13	2.1	0.4	11	8
16778	DEC 09	1632 58.4	40.92S	175.36E	25	2.3	0.1	13	8
16792	DEC 10	0104 36.5	40.90S	175.81E	25	3.3	0.3	20	16
16795	DEC 10	0514 31.4	40.87S	175.83E	29	2.1	0.2	9	7
16801	DEC 10	0938 48.6	40.50S	174.02E	85	2.7	0.4	19	12
16803	DEC 10	1226 41.6	41.57S	174.32E	29	2.2	0.2	14	11
16809	DEC 10	1556 17.9	41.10S	174.75E	34	2.1	0.1	15	9
16823	DEC 10	2339 33.8	41.01S	175.42E	9	2.4	0.1	15	11
16830	DEC 11	0411 44.4	41.30S	174.50E	33	2.0	0.2	8	6
16851	DEC 11	1926 35.3	40.85S	175.94E	32	2.7	0.2	16	12
16852	DEC 11	2018 58.7	41.68S	174.61E	29	2.6	0.3	21	17
16853	DEC 11	2026 33.5	40.57S	173.65E	96	2.6	0.3	11	6
16875	DEC 12	1619 4.6	41.68S	174.21E	13	2.7	0.3	20	16
16877	DEC 12	2120 40.0	41.06S	175.04E	26	2.1	0.3	12	8

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
16878	DEC 12	2200 24.2	41.30S	175.71E	19	2.0	0.2	16	10
16880	DEC 13	0030 46.7	41.14S	174.46E	39	2.0	0.1	11	8
16883	DEC 13	0135 31.8	41.66S	174.31E	26	2.5	0.3	17	11
16899	DEC 13	1134 51.9	40.68S	175.33E	32	2.5	0.3	17	11
16906	DEC 13	1840 44.4	40.52S	175.36E	32	2.6	0.3	14	11
16931	DEC 14	0912 28.3	41.34S	174.43E	34	2.6	0.2	18	13
16932	DEC 14	0925 27.9	41.45S	174.32E	13	3.2	0.2	22	18
16933	DEC 14	1012 23.4	40.95S	175.61E	14	2.1	0.1	12	8
16942	DEC 14	1322 37.7	41.00S	174.81E	33	2.0	0.1	8	7
16947	DEC 14	1734 59.8	41.66S	174.31E	28	2.4	0.3	13	10
16953	DEC 14	2225 2.3	40.68S	174.39E	57	2.3	0.3	10	8
16963	DEC 15	0459 42.6	41.62S	174.17E	26	2.2	0.3	18	12
16964	DEC 15	0512 40.0	41.38S	175.08E	28	2.2	0.1	16	10
16966	DEC 15	0605 29.6	41.29S	175.29E	28	2.3	0.1	16	10
16993	DEC 15	1224 27.9	40.92S	174.95E	42	2.0	0.1	12	6
17016	DEC 16	0308 39.4	40.69S	175.34E	31	2.2	0.2	13	11
17038	DEC 16	2050 55.2	41.25S	174.82E	21	2.1	0.1	13	9
17044	DEC 16	2322 59.5	40.93S	175.12E	40	2.1	0.3	9	6
17050	DEC 17	1401 31.5	41.81S	173.84E	33R	2.7	0.3	22	15
17058	DEC 17	2053 54.1	41.48S	174.43E	20	2.0	0.0	7	5
17082	DEC 18	1513 51.2	40.96S	175.60E	30	2.5	0.2	14	10
17085	DEC 18	1727 58.7	41.48S	174.25E	19	2.1	0.2	11	9
17087	DEC 18	1818 40.8	41.57S	174.15E	29	2.2	0.2	19	13
17095	DEC 18	2203 9.6	41.23S	173.84E	54	2.6	0.2	11	7
17101	DEC 19	0127 14.9	41.52S	174.93E	51	3.2	0.1	27	21
17105	DEC 19	0303 15.1	41.26S	175.16E	30	2.9	0.1	17	11
17111	DEC 19	0620 27.2	40.51S	174.29E	54	2.3	0.2	15	10
17116	DEC 19	0858 30.7	41.00S	174.68E	47	2.2	0.2	13	10
17128	DEC 19	1629 15.7	41.81S	174.17E	12R	2.8	0.3	25	18
17139	DEC 20	0031 49.5	41.25S	174.20E	70	3.4	0.2	32	22
17157	DEC 20	1412 7.6	41.22S	174.39E	37	2.0	0.1	13	9
17172	DEC 21	0338 26.9	41.35S	173.53E	91	2.9	0.3	15	12
17178	DEC 21	1004 55.7	40.60S	174.21E	71	2.9	0.2	13	9
17197	DEC 22	0924 0.8	40.95S	175.42E	27	2.3	0.2	12	10
17202	DEC 22	1409 59.0	40.70S	175.81E	22	2.5	0.4	12	9
17208	DEC 22	1712 59.0	41.47S	174.27E	54	3.5	0.2	34	22
17215	DEC 22	2125 30.2	41.11S	173.87E	61	2.4	0.2	13	8
17217	DEC 22	2228 52.5	40.77S	175.26E	33	2.1	0.1	10	8
17224	DEC 23	0111 55.5	40.66S	174.53E	12R	2.3	0.3	11	9
17226	DEC 23	0121 13.0	40.88S	175.08E	33	2.3	0.2	15	11
17231	DEC 23	0657 20.9	41.57S	174.31E	28	2.5	0.1	15	13
17249	DEC 24	0118 32.5	40.85S	174.70E	15	2.0	0.2	7	5
17252	DEC 24	0545 59.0	40.81S	174.43E	57	3.7	0.2	48	36
17262	DEC 24	1347 23.6	41.54S	174.62E	28	2.3	0.1	17	13
17266	DEC 24	1834 34.7	41.55S	174.07E	9	2.6	0.2	22	16

NUM	DATE	TIME	LAT	LONG	DEP	MAG	Rsd	NP	NS
17277	DEC 25	0323 56.3	41.27S	175.30E	17	2.1	0.1	12	8
17284	DEC 25	0953 18.7	41.86S	173.61E	78	2.1	0.3	7	5
17289	DEC 25	1318 40.3	40.76S	175.11E	31	2.2	0.2	17	12
17296	DEC 25	1730 44.2	40.66S	175.46E	30	2.0	0.1	13	9
17303	DEC 25	2114 13.0	40.75S	174.47E	5R	2.0	0.2	8	7
17315	DEC 26	0438 50.6	41.39S	175.12E	27	3.6F	0.2	31	25
17316	DEC 26	0442 0.4	41.39S	175.12E	28	2.1	0.1	8	6
17317	DEC 26	0442 38.7	41.38S	175.13E	26	2.0	0.1	9	7
17318	DEC 26	0444 35.7	41.38S	175.13E	27	2.0	0.1	8	6
17319	DEC 26	0511 58.4	41.38S	175.12E	26	2.0	0.1	9	7
17335	DEC 26	1017 55.1	41.05S	174.68E	35	2.1	0.1	11	10
17342	DEC 26	1158 8.0	41.22S	174.32E	63	2.5	0.1	19	11
17350	DEC 26	1436 48.4	41.27S	175.24E	26	2.7	0.2	27	14
17352	DEC 26	1454 53.4	41.26S	175.24E	24	2.1	0.1	18	10
17353	DEC 26	1548 27.8	41.28S	175.24E	27	2.5	0.2	21	14
17359	DEC 26	1919 23.1	41.59S	174.14E	5R	2.8	0.3	21	14
17365	DEC 26	2152 9.2	41.16S	175.55E	22	2.9	0.2	23	14
17381	DEC 27	1157 33.6	40.60S	173.93E	107	2.7	0.2	14	10
17383	DEC 27	1300 47.8	41.38S	175.12E	25	2.9	0.2	21	14
17392	DEC 27	2254 46.0	40.98S	175.39E	16	3.2	0.3	37	28
17393	DEC 28	0026 12.2	41.54S	174.06E	39	3.2	0.3	26	18
17394	DEC 28	0030 15.6	40.70S	175.08E	35	2.3	0.2	9	7
17405	DEC 28	1021 3.3	41.65S	174.61E	22	2.1	0.1	11	8
17416	DEC 28	2259 47.4	40.70S	174.50E	44	2.7	0.1	14	9
17418	DEC 29	0053 27.0	41.57S	174.32E	24	2.4	0.1	13	9
17420	DEC 29	0400 30.1	41.27S	175.25E	22	2.1	0.1	8	5
17422	DEC 29	0556 2.9	40.64S	173.72E	183	3.1	0.1	9	6
17429	DEC 29	1319 40.9	40.74S	174.46E	5R	2.1	0.2	10	7
17430	DEC 29	1414 29.6	41.10S	174.62E	55	2.2	0.0	9	6
17436	DEC 29	1806 27.2	41.57S	173.61E	56	2.7	0.2	17	12
17444	DEC 29	2109 35.5	41.41S	174.74E	30	2.5	0.1	15	12
17448	DEC 29	2350 41.0	41.53S	174.15E	21	2.4	0.2	13	10
17450	DEC 30	0005 36.0	40.68S	175.13E	33	2.4	0.1	15	9
17462	DEC 30	0835 6.1	41.23S	174.80E	28	2.5	0.2	20	13
17476	DEC 30	1504 44.5	41.92S	174.14E	12R	2.8	0.3	23	17
17483	DEC 30	2230 43.7	41.93S	174.25E	12R	2.5	0.4	13	10
17487	DEC 31	0001 25.6	40.96S	174.35E	49	2.3	0.2	9	7
17494	DEC 31	0649 53.0	41.87S	174.13E	12R	2.3	0.3	8	6
17495	DEC 31	0704 47.3	41.65S	173.70E	38	2.6	0.3	7	5
17496	DEC 31	0737 4.3	41.10S	174.56E	44	3.6	0.2	32	30
17514	DEC 31	1558 20.9	41.23S	175.03E	23	2.0	0.0	8	4

TUAMOTU ARCHIPELIGO NUCLEAR EXPLOSIONS

Nuclear explosions at the French nuclear test sites in the Tuamotu Archipelago are often recorded at Rarotonga (RAR). The P-wave is usually not recorded but the T-waves have a rather distinctive signature with a very emergent onset, followed after a few seconds by a more prominent burst of energy which reaches its maximum and decays before the arrival of a smaller "echo" trailing the main energy by some 110 seconds. Although other teleseismic readings from the New Zealand network are published by the International Seismological Centre, these T-wave observations are not.

Because the emergent first arrival cannot always be seen clearly when the explosions are relatively small, the instant of arrival is not recorded here. Instead, an inferred origin time is listed, based on the estimated travel time from the test site to Rarotonga, and indications that it is common practice to detonate tests exactly on the minute.

A means of estimating the magnitudes of the explosions has been devised, based on a comparison of maximum amplitudes of T-waves recorded at Rarotonga with the magnitude estimates from the United States National Earthquake Information Service. (W.D. Smith, 1987: Underground nuclear explosions recorded at Raratonga: estimation of m_b from T-phase amplitude. Geophys. J. R. astr. Soc. 90: 35-42). These magnitudes are given, together with the N.E.I.S. An 'F' after the time of a test indicates that it is believed to have been sited at Fangataufa, while all others are thought to have been on Mururoa.

DATE	TIME h m	m_b (T-wave)	m_b (N.E.I.S.)
Sep 05	21 30	4.9	4.8
Oct 01	23 30 F	5.9	5.4
Oct 27	22 00	5.5	5.5
Nov 21	21 30	5.2	4.8
Dec 27	21 30	5.3	5.1

NON-INSTRUMENTAL DATA

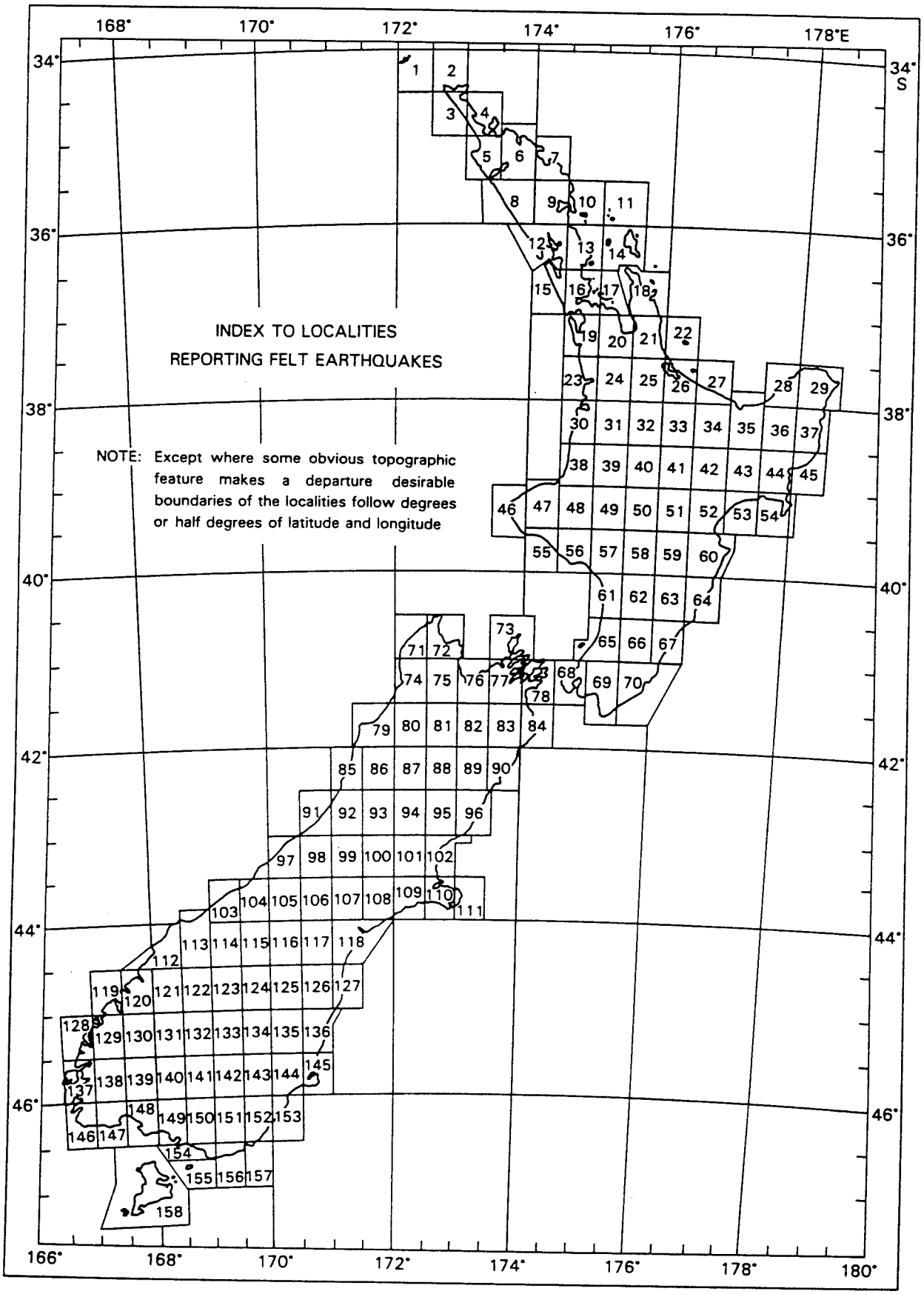
THE FELT REPORTING SYSTEM

The Observatory has recruited a network of about 600 voluntary observers spread throughout the country, who use a standard form to describe the effects of any earthquake they feel. The Observatory also collects casual reports from newspapers, meteorological observers, postmasters and members of the local public. For large earthquakes, or ones with features of special interest, questionnaires are issued and assessed.

Several difficulties arise in assessing the distribution of felt intensity. The population of the country is very unevenly spread, and the observers' personal circumstances may prevent them from feeling a shock that has been noticed by others. These problems also affect lists of earthquakes felt in particular localities. It may reasonably be assumed that a strong earthquake reported from one township was felt in another nearby, even though the Observatory has received no report. However, an index of this kind must summarise data and not deductions, so the following scheme is used.

The land area of New Zealand has been divided into 'localities', mostly bounded by half-degree lines of latitude and longitude, but varied as necessary to avoid splitting obvious geographic or structural units (see map opposite). Each locality has a number and a name, usually that of the principal population centre within it. The names are listed overleaf. In most localities there are at least two well-separated reporters, but there are still some sparsely populated parts of the country without observers, notably in Southland. Felt information is summarised in information lines following the instrumental data in the main list of earthquakes. Modified Mercalli intensities quoted there have been assessed by the Observatory from replies to standard questionnaires. Assessments based on less formal descriptions of intensity are included in the following list, in which the localities which have reported shocks during the year are presented in alphabetical order, each followed by the reference numbers of the shocks felt and their respective maximum reported intensities within that locality. By comparing the reports from neighbouring localities, it is possible to form a truer estimate of the incidence of the felt effects than would be possible from a simple list of places reporting each shock.

A further list records reports received from places in the south-west Pacific.



Standard Reporting Localities.

STANDARD REPORTING LOCALITIES

1	Three Kings	41	Taupo	81	Glenhope	121	Glenorchy
2	Te Reinga	42	Te Whaiti	82	Wairau	122	Arrowtown
3	Ninety Mile Beach	43	Tuai	83	Awatere	123	Wanaka
4	Doubtless Bay	44	Whakapunaki	84	Cape Campbell	124	St Bathans
5	Kaitaia	45	Gisborne	85	Greymouth	125	Kurow
6	Kaikohe	46	Cape Egmont	86	Reefton	126	Duntroon
7	Bay of Islands	47	New Plymouth	87	Maruia	127	Waimate
8	Dargaville	48	Whangamomona	88	Hanmer	128	Secretary Is.
9	Whangarei	49	Ohakune	89	Clarence	129	Doubtful Sound
10	Bream Head	50	Chateau	90	Kaikoura	130	Te Anau
11	Moko Hinau	51	Kaweka	91	Hokitika	131	Livingstone Mts
12	Kaipara	52	Napier	92	Kumara	132	Kingston
13	Warkworth	53	Wairoa	93	Arthur's Pass	133	Alexandra
14	Barrier Islands	54	Mahia	94	Lake Sumner	134	Poolburn
15	Helensville	55	Hawera	95	Culverden	135	Ranfurly
16	Auckland	56	Waverley	96	Cheviot	136	Oamaru
17	Waiheke	57	Wanganui	97	Franz Josef	137	Resolution Island
18	Coromandel	58	Taihape	98	Hari Hari	138	Pillans Pass
19	Pukekohe	59	Ruahine	99	Whitcombe Pass	139	Monowai
20	Mercer	60	Hastings	100	Lake Coleridge	140	Mossburn
21	Thames	61	Bulls	101	Oxford	141	Waikaia
22	Mayor Is.	62	Palmerston North	102	Rangiora	142	Roxburgh
23	Raglan	63	Dannevirke	103	Haast	143	Lawrence
24	Hamilton	64	Porangahau	104	Bruce Bay	144	Outram
25	Matamata	65	Otaki	105	Mount Cook	145	Dunedin
26	Tauranga	66	Masterton	106	Tekapo	146	Puysegur Point
27	Whakatane	67	Castlepoint	107	Mount Somers	147	Poteretere
28	Te Kaha	68	Wellington	108	Ashburton	148	Tuatapere
29	East Cape	69	Featherston	109	Rakaia	149	Invercargill
30	Kawhia	70	Martinborough	110	Christchurch	150	Gore
31	Te Kuiti	71	Mount Stevens	111	Akaroa	151	Clinton
32	Tokoroa	72	Takaka	112	Big Bay	152	Balclutha
33	Rotorua	73	D'Urville Island	113	Jackson's Bay	153	Waihola
34	Murupara	74	Karamea	114	Makarora	154	Bluff
35	Opotiki	75	Motueka	115	Lake Ohau	155	Ruapuke
36	Motu	76	Nelson	116	Pukaki	156	Tahakopa
37	Tolaga Bay	77	Blenheim	117	Fairlie	157	Owaka
38	Mokau	78	Picton	118	Timaru	158	Stewart Is.
39	Taumarunui	79	Westport	119	George Sound	159	Chatham Islands
40	Tokaanu	80	Murchison	120	Milford		

EARTHQUAKES FELT IN STANDARD LOCALITIES

Localities within which earthquakes were felt are listed in alphabetical order, each preceded by its number on the reference map. The figure following the name of the locality is the number of the epicentre followed by the maximum intensity (in brackets) reported within the district covered by the locality name. An asterisk (*) indicates that the particular intensity was not evaluated from the standard questionnaire. The location of the earthquake, the instrumental magnitude and the actual places at which it was reported felt may be found from the table Summary of Origins and Magnitudes.

16	Auckland	1463 (4),	3282 (4*),	6806 (3).			
17	Waiheke	6806 (4*).					
20	Mercer	6806 (4).					
21	Thames	7680 (5).					
23	Raglan	6806 (4*).					
24	Hamilton	6806 (4*).					
26	Tauranga	1016 (4*),	1463 (4).				
27	Whakatane	1463 (4*),	3282 (4*),	17094 (4*).			
29	East Cape	1463 (5),	1543 (4*),	1549 (4*),	3282 (4),	3286 (4*),	3307 (4*),
		3958 (3*),	4157 (3*),	4659 (3*),	4695 (3*).		
31	Te Kuiti	1463 (4),	6806 (4).				
32	Tokoroa	595 (5),	6806 (4*).				
33	Rotorua	1463 (4),	3282 (4),	4157 (4),	5804 (4*),	9036 (4),	10761 (4),
		10764 (4),	10766 (4),	10767 (4),	11319 (4*),	12100 (4).	
35	Opotiki	1463 (4),	6806 (4*).				
37	Tolaga Bay	1463 (6).					
38	Mokau	6806 (4*).					
39	Taumarunui	6806 (5),	7339 (4),	12619 (3).			
40	Tokaanu	161 (4),	162 (4),	165 (4),	167 (3),	171 (4),	3282 (3),
		6788 (3),	6806 (4),	7948 (3),	11041 (4),	13487 (3),	13515 (4),
		14802 (3).					
41	Taupo	162 (4),	1122 (4*),	14802 (4*).			
43	Tuai	1463 (4*),	3282 (4*).				
44	Whakapunaki	1463 (4),	1531 (3),	3282 (4),	4257 (4),	7155 (4),	10580 (3),
		12619 (4*).					
45	Gisborne	1463 (4*),	3282 (4*),	4257 (5*),	9931 (4*),	10456 (4*),	10580 (4*),
		17094 (4*).					

46	Cape Egmont	6806 (4*).
47	New Plymouth	1463 (4), 6788 (3), 6806 (5), 7609 (4), 7763 (4*), 12619 (4*), 17005 (4).
48	Whangamomona	12619 (4).
49	Ohakune	2 (4*), 52 (4), 1463 (4), 6458 (2*), 6463 (4), 6469 (4), 6806 (4), 7332 (4), 7339 (4), 7358 (4), 10652 (4), 11041 (4), 11473 (4), 12619 (4), 14971 (4).
50	Chateau	52 (4).
52	Napier	1463 (4), 3282 (4), 6806 (4*), 8030 (4), 11217 (4), 12619 (4).
54	Mahia	1463 (4*), 3282 (4*), 6806 (4*), 10580 (4*).
55	Hawera	12619 (5).
56	Waverley	11473 (4), 12619 (4).
57	Wanganui	10542 (4*), 10983 (4*), 12619 (4), 12836 (4*), 12877 (4), 13162 (4).
58	Taihape	3952 (4), 6806 (4), 7339 (4), 11473 (4), 11665 (4), 12619 (4).
59	Ruahine	6806 (4), 7609 (4), 7763 (4), 7770 (4), 7788 (3), 11507 (4*).
60	Hastings	1016 (4*), 1463 (5), 6513 (4), 6806 (4), 8030 (4), 8499 (4), 9931 (4), 11153 (4), 12359 (4), 12619 (5).
61	Bulls	6806 (5), 7082 (4), 7339 (4), 7461 (4), 7763 (4), 8030 (3), 8499 (4), 10542 (4), 10652 (4), 10769 (3), 10983 (3), 11473 (4), 11507 (4), 12359 (4), 12619 (4), 12836 (4), 14211 (4), 14923 (4), 17005 (3).
62	Palmerston North	6806 (5), 7461 (4*), 7763 (4*), 8030 (4), 8499 (4), 10542 (4*), 11599 (4), 12359 (4), 12619 (4), 12836 (3).
63	Dannevirke	6121 (4*), 6513 (4*), 6676 (4*), 6806 (4), 8030 (4*), 8498 (4), 8499 (4*), 9797 (4*), 10542 (4*), 11153 (4*), 12359 (4), 12619 (4).
65	Otaki	236 (4), 1463 (4), 2045 (4), 2927 (4*), 3282 (3), 5327 (4), 6806 (5), 7328 (3), 7461 (4), 7763 (4), 7770 (4), 9222 (4), 10542 (4), 11580 (4), 12359 (3), 12619 (4), 14923 (4).
66	Masterton	10542 (4*), 11580 (4*), 12359 (4*), 12619 (4*), 14923 (4*).
67	Castlepoint	8498 (4*), 8499 (4*).
68	Wellington	236 (4*), 1463 (3), 2927 (4*), 3282 (4*), 5061 (3), 5327 (4*), 6806 (5), 7328 (3), 7461 (4), 7606 (4*), 7763 (4), 8694 (4), 9032 (3), 9222 (4*), 10130 (4), 10336 (4*), 10542 (4), 10769 (4*), 11183 (4), 11272 (4*), 11599 (4), 11906 (4), 12359 (4*), 12619 (4), 12762 (3), 12823 (3), 12836 (4*), 14244 (4*), 14923 (4*), 17315 (4*).
69	Featherston	5061 (4*), 6806 (5), 7328 (4), 8923 (4*), 10336 (4*), 10542 (3), 11300 (4*).
70	Martinborough	6806 (4*).

72	Takaka	1463	(4*),	6806	(4*),	10384	(4*).												
75	Motueka	6806	(4).																
76	Nelson	236	(4*),	6806	(6),	9042	(4*),	9688	(4*),	10384	(4*),	11906	(4),	12619	(4),	12823	(4*),	15161	(4*).
77	Blenheim	236	(4),	6806	(5),	9950	(3),	11906	(4),	12619	(4),	12762	(3),	12823	(4*),	15161	(4).		
78	Picton	236	(4),	1463	(4),	2927	(4),	6806	(4),	7328	(4),	11906	(4),	12619	(4),	12762	(4),	12823	(4*).
79	Westport	6806	(5),	9688	(4),	15161	(5).												
84	Cape Campbell	11906	(4*).																
85	Greymouth	4757	(4*),	6806	(4),	9688	(4*),	16043	(4).										
87	Maruia	6806	(4),	9688	(3),	15161	(4).												
90	Kaikoura	9455	(4*),	9485	(4*),	12619	(4*).												
91	Hokitika	13131	(4*).																
92	Kumara	6806	(4),	9688	(4),	15161	(4).												
93	Arthur's Pass	861	(4),	1200	(4),	4757	(6),	5207	(4*),	9688	(6),	11851	(4),	11943	(4),	13131	(4*),	15024	(4),
95	Culverden	15161	(4).																
96	Cheviot	5665	(4*).																
97	Franz Josef	9688	(4),	15161	(4).														
99	Whitcombe Pass	4757	(6).																
100	Lake Coleridge	4757	(5*),	15161	(6),	15768	(6).												
102	Rangiora	6806	(4),	9688	(4),	10925	(4*),	15161	(5),	15768	(4).								
103	Haast	12860	(4*).																
104	Bruce Bay	9688	(4),	12860	(4),	17239	(4).												
105	Mount Cook	12860	(4).																
106	Tekapo	6806	(3),	9688	(4).														
109	Rakaia	6806	(4*).																
110	Christchurch	1463	(4*),	3282	(4*),	6806	(4*),	9688	(4*),	12619	(4*),	15046	(4*),	96	(4*),	15768	(4*),	16099	(4*).
113	Jackson's Bay	317	(4),	8851	(4),	12860	(4).												
116	Pukaki	697	(4*),	6806	(4*).														

118	Timaru	6806	(4*),	15161	(4),	96	(4*).		
120	Milford	12860	(4).						
122	Arrowtown	12586	(4*),	12860	(4*).				
123	Wanaka	12586	(4*),	12860	(4*).				
130	Te Anau	6239	(4),	15029	(4*).				
132	Kingston	6239	(4*),	12586	(4*),	12860	(4).		
133	Alexandra	9688	(3),	12860	(4*).				
136	Oamaru	6806	(4*).						
139	Monowai	906	(4),	8662	(4),	9688	(4),	15029	(4).
144	Outram	6239	(4),	6806	(4*),	12860	(4).		
145	Dunedin	6806	(3),	12619	(4*).				
148	Tuatapere	6239	(4*).						
152	Balclutha	6239	(4*).						
159	Chatham Islands	1463	(4*),	3282	(4*).				

FELT REPORTS FROM OUTSIDE NEW ZEALAND

The Observatory sometimes receives reports of earthquakes felt on islands of the south-west Pacific and other places beyond the limits of its systematic reporting network. Where Modified Mercalli scale intensities in the list below are shown in quotes, they have been estimated by the reporters, not the Observatory.

DATE	TIME	INTENSITY	PLACE
Jan 14	06h 50m	MM 4	Raoul Island
Jan 14	23h 14m	MM 3	Raoul Island
Jan 28	09h 38m	MM 4	Raoul Island
Feb 15	00h 40m	'MM 3'	Raoul Island
Feb 16	12h 12m	'MM 3'	Raoul Island
Mar 14	08h 28m	MM 3	Raoul Island
Apr 19	04h 16m	MM 3	Raoul Island
May 17	06h 24m	MM 3	Raoul Island
Jun 04	02h 16m	MM 3	Raoul Island
Jun 05	07h 05m	'MM 3'	Raoul Island
Jun 15	19h 21m	MM 4	Raoul Island
Jun 30	08h 55m	MM 4	Raoul Island
Jul 03	19h 50m	MM 7	Raoul Island
Jul 03	19h 58m	MM 4	Raoul Island
Jul 03	20h 24m	MM 4	Raoul Island
Jul 03	20h 52m	MM 4	Raoul Island
Jul 03	22h 00m	MM 4	Raoul Island
Jul 03	22h 22m	MM 4	Raoul Island
Jul 04	12h 27m	MM 3	Raoul Island
Jul 05	00h 47m	'MM 2'	Raoul Island
Jul 05	12h 30m	MM 3	Raoul Island
Jul 16	18h 18m	MM 4	Raoul Island
Jul 25	05h 24m	MM 4	Raoul Island
Jul 26	09h 55m	MM 4	Raoul Island
Aug 16	15h 05m	'MM 4'	Raoul Island
Aug 22	22h 12m	MM 5	Raoul Island
Aug 22	22h 32m	MM 3	Raoul Island
Aug 25	14h 50m	'MM 4'	Raoul Island
Aug 28	14h 55m	MM 4	Raoul Island
Sep 05	17h 50m	MM 4	Raoul Island
Sep 07	05h 13m	MM 4	Raoul Island
Oct 05	19h 11m	MM 4	Raoul Island
Oct 14	08h 01m	MM 4	Raoul Island
Dec 18	06h 16m	MM 4	Raoul Island
Dec 20	11h 04m	MM 4	Raoul Island
Dec 30	16h 06m	MM 4	Raoul Island
Dec 31	10h 25m	MM 3	Raoul Island

PUBLICATIONS BY STAFF MEMBERS

The following papers by members of the Seismological Observatory staff were published in 1995.

Abercrombie, R.E.; Agnew, D.C.; Wyatt, F.K. Testing a model of earthquake nucleation. *Bulletin of the Seismological Society of America. 85(6)*:1873-1878.

Some laboratory models of slip find that a critical amount (or velocity) of slow slip is required over a nucleation patch before dynamic failure begins. Typically, such patch sizes, when extrapolated to earthquakes, have been thought to be very small and the precursory slip undetectable. Ohnaka (1992, 1993) has proposed a model in which foreshocks delineate a growing zone of quasi-static slip that nucleates the dynamic rupture and suggests that it could be large enough (~10 km across) to be detectable and thus useful for short-term earthquake prediction. The 1992 Landers earthquake (M 7.3) had a distinctive foreshock sequence and initiated only 70 km from the strain meters at the Pinon Flat Observatory (PFO). We use this earthquake to investigate the validity and usefulness of Ohnaka's model. The accurate relocations of Dodge et al. (1995) show that the foreshock zone can be interpreted as expanding from an area of 800 m (along strike) by 900 m (in depth), to 2000 by 3200 m in the 6.5 hr before the mainshock. We have calculated the deformation signals expected both at PFO and 20 km from the foreshock zone, assuming either constant slip or constant stress drop on a circular patch expanding at 5 cm/sec over 6.5 hr. We find the slips or stress drops would have to have been implausibly high (meters or kilobars) to have been detectable on the strain meters at PFO. Slightly better limits are possible only 20 km from the source. Even though the distance from Landers to PFO is small compared with the average spacing of strain meters in California, we are unable to prove or disprove Ohnaka's model of earthquake nucleation. This suggests that even if the model is valid, it will not be useful for short-term prediction.

Abercrombie, R.E. Earthquake locations using single-station deep borehole recordings : implications for microseismicity on the San Andreas fault in southern California. *Journal of geophysical research. 100(B12)*:24003-24014.

We have located and estimated source parameters of 109 earthquakes (0 to 5 M) using seismograms recorded at 2.5 km depth in the Cajon Pass borehole, southern California. The borehole is about 4 km from the San Andreas fault, at the boundary between the locked, almost aseimic Mojave and San Bernardino segments, where the San Jacinto fault approaches the San Andreas. This area is of interest both on account of its tectonic complexity and its high potential seismic hazard. The clear, relatively unattenuated downhole recordings are rotated to determine the incoming azimuth of the P wave, and the delay time between the P and S arrivals is used to estimate the hypocentral distance. The difference between the hypocenters located this way and the Southern California Seismic Network (SCSN) locations of the same earthquakes increases with hypocentral distance from the borehole. Of the earthquakes within 20 km of the borehole, 96% are within 1-2 km of the SCSN epicenters and all are within 5 km of SCSN depths. All but three of the 58 earthquakes located here which the SCSN did not record were within 20 km of the borehole and so the location errors are similar to those of SCSN A and B quality events. Most of the small earthquakes occurred within the relatively active San Jacinto fault zone, but at least eight are located close to or within the San Andreas fault zone. The stress drops for these events range from 0.1 to 18 MPa. These earthquakes appear similar to the other events in this study suggesting that the San Andreas fault is similar to other faults at the scale of these small earthquakes. The variation in stress drop and slip orientation of these small earthquakes suggests that larger scale heterogeneity continues to these small scales. Also, the location of these small earthquakes in major established fault zones implies that earthquake source dimensions are not geometrically controlled by fault zone width.

Abercrombie, R.E. Earthquake source scaling relationships from -1 to 5 M_L using seismograms recorded at 2.5 km depth. *Journal of geophysical research. 100(B12)*:24015-24036.

The scaling relationships of earthquake sources less than about magnitude 3 have been the subject of considerable controversy over the last two decades. Studies of such events have shown a tendency for the constant stress drop, self similarity of larger earthquakes to breakdown at small magnitudes, and an apparent minimum source dimension of about 100 m has been observed. Other studies showed that this apparent breakdown in scaling could be an artifact of severe near-surface attenuation, limiting the spatial resolution of surface data. In this study, source parameters are determined for over 100 nearby, tectonic earthquakes, from recordings at a depth of 2.5 km (in granite) in the Cajon Pass scientific drill hole, southern California. Comparison of the seismograms recorded at this depth with those at the wellhead clearly demonstrates the effect of the severe attenuation in the upper kilometers of the Earth's crust. Source parameters are calculated by spectral modeling of three-component P and S waves, assuming four source models based on the Brune ω^2 (n=2) model. In model 1, n=2 is fixed, and Q of P and S waves is determined to be 912(581-1433) and 1078(879-1323),

respectively (the numbers in parentheses are plus or minus 1 standard deviation). In model 2, $Q_P = Q_S = 1000$ is assumed and n is allowed to vary. The ω^{-2} model is a good average for the data set, but there is some real scatter supported by the data. In model 3, $Q_P = Q_S = 1000$ is also assumed and ω^{-2} is constrained, and in model 4, attenuation is ignored and n is allowed to vary. Source dimensions of less than 10 m are observed for all four models, 10 times smaller than the proposed "minimum". No breakdown in constant stress drop scaling is seen in the downhole data (approximately M_L -1 to 5.5, $M_O = 10^9$ to 10^{16}Nm). The ratio between radiated seismic energy (estimated by integrating the velocity squared spectra with adequate signal bandwidth) and seismic moment appears to decrease gradually with decreasing moment in the magnitude range -1 to 7. This is not incompatible with a constant stress drop but could result from errors in calculating energy. The ratio of the S wave energy to that radiated by the P waves is about 14, after correction for attenuation. This low value is consistent with the corner frequency shift of about 1.3. This corner frequency shift is observed for all four source models and therefore is interpreted as being source controlled.

Benites, R.A.; Haines, A.J. Measurements of weak motion in the Bluff-Hill area, Napier, New Zealand. p. 217-226 In: *New Zealand National Society for Earthquake Engineering Pacific Conference on Earthquake Engineering : Melbourne, Australia, 20-22 November 1995 : proceedings. Volume 1.*

During March-April 1994 a seismic experiment to measure weak motion was carried out in the city of Napier, on the east coast of the North Island, New Zealand. A total of eighteen portable digital seismographs were deployed in the area, twelve on the Bluff Hill, five on alluvial deposits surrounding the hill, and one on firm ground in the Saint Peter's Mission of Greenmeadows, used as reference station. The stations recorded 23 earthquakes of magnitudes ranging from 2.1 to 5.4 and covering a wide azimuthal range around Napier. The seismograms recorded on the hill show in general less high frequency content than those at the reference station. Spectral ratios of S-waves at stations on the hill show amplification factors (horizontal components) of up to 4 at 1.6 hz, and up to 7 at 3.8 hz at the southern tip of the hill. The details of the motion estimated from the spectral ratios suggest that there may be four regions within the hill whose seismic responses are distinctive from each other. Analysis of the motion at two sites each located close to the north-east end and the south-west end of the hill, respectively, relate to the motion at its base, reveals significant variability of their response with the type and direction of incidence of the input motion. The features of the Bluff Hill site effects for weak input motions will be further quantified by thorough analysis in terms of coherence, spectral ratios and by numerical waveform modelling for the appropriate geological conditions and input sources. The final goal is to correlate the weak-motion site measurements with the observed damage effects caused by the 1931 earthquake.

Bibby, H.M.; Caldwell, T.G.; Davey, F.J.; Webb, T.H. Geophysical evidence on the structure of the Taupo Volcanic Zone and its hydrothermal circulation. *Journal of volcanology and geothermal research. 68*:29-58.

The Taupo Volcanic Zone (TVZ) of New Zealand is characterised by extensive volcanism and by high rates of magma production. Associated with this volcanism are numerous high-temperature (more than 250°C) geothermal systems through which the natural heat output of 4200 plus or minus 500 MW is channelled. Outside the geothermal fields the heat flow is negligible. The average heat flux from the central 16000 square km of the TVZ, which contains most of the geothermal fields, is 700 mW/cubic metre. This heat flux appears to be more concentrated along the eastern margin of the TVZ. Schlumberger resistivity measurements (AB/2 of 500 m and 1000 m) have identified 17 distinct geothermal fields with natural heat outputs greater than 20 MW. An additional six, low-heat-output geothermal fields also occur, and may represent formerly more active systems now in decline. Two extinct fields have also been identified. The average spacing between fields is 10-15 km. The distribution of geothermal fields does not appear to be directly associated with individual volcanic features except for the geothermal system that occurs within Lake Taupo and which occupies the vent of the 1800 yr.BP. Taupo eruption. The positions of the geothermal fields do not appear to have varied for at least the last 200,000 years. These data are consistent with a model of large-scale convection occurring throughout the TVZ, in which the geothermal fields represent the upper portion of the rising, high-temperature, convective plumes. The majority of the recharge to the convection system is provided by the downward movement of cold meteoric water between the fields which suppresses the heat flow in these regions. Gravity measurements indicate that to a depth of about 2.5 km the upper layers of the TVZ consist of low-density pyroclastic infill. A seismic refraction interface with velocity change from 3.2 km/s to 5.5 km/s occurs at a similar depth. The cross sectional area of the convection plumes (identified electrically) appears to increase at depths of 1-2 km, consistent with a decrease in permeability at the depth at which the velocity and density increase. The seismicity is dominated by swarm activity which accounts for about half of all earthquakes and is highly variable in both space and time. The small number of seismic events (and swarms) that have well determined depths show a cut off of seismicity at depths of 7-9 km. The depth of the transition from brittle to ductile behaviour of the rocks is identified with the transition from a regime where heat is transported by (hydrothermal) convection and pore pressures are near-hydrostatic to a regime where heat transport is dominantly conductive and pore pressures are lithostatic. Within the convective region, temperatures are moderated by the circulation of water so that the depth of

the transition from convective to conductive heat transfer can be linked to the bottom of the seismogenic zone. Rocks must become ductile within about 1 km of the bottom of the overlying convective zone. Seismic refraction studies suggest that the crust beneath the TVZ is highly thinned with a seismic velocity of about 7.5 km/ s, typical of the upper mantle, occurring at depth of 15 km. Seismological studies indicate the upper mantle is highly attenuating beneath the TVZ. Conductive heat transfer between the bottom of the convective system, at about 8 km. and the base of the material with crustal velocities, at 15 km, is not able to provide all the heat that is discharged at the surface. Repeated intrusion from the mantle may provide the additional heat transport required.

Downes, G.L. Atlas of isoseismal maps of New Zealand earthquakes. *Institute of Geological & Nuclear Sciences monograph ; 11.* [304] p.

This Atlas of 133 isoseismal maps of New Zealand earthquakes contains the felt intensity distributions of 123 earthquakes, 122 of which occurred within or close to the New Zealand mainland. A magnitude of 6.7 event which originated south of the Kermadec Islands but was felt widely on the New Zealand mainland is also included. In five cases detailed maps of the epicentral area are given. Three other earthquakes are represented by two maps, these being either an alternative interpretation of the same data set or an interpretation based on a different data set. The Atlas is arranged with the isoseismal maps presented in chronological order. Each map is accompanied by the most recently calculated hypocentral parameters and an indication of the method of their determination and placed opposite a brief description of the earthquake, the source of the map and the data on which it has been based. References are listed by earthquake at the end of the Atlas after the last isoseismal map. Sufficient references are given for the reader to be able to obtain a fuller description of the felt effects of the earthquake and an insight into what other aspects have been studied. The Atlas includes all known maps that are considered to have been sufficiently well-determined. Two maps have the isoseismal lines plotted in Rossi-Forel scale, no conversion being possible as the individual felt intensities have not been given and the original felt reports have not been located. The data, however, appear to be more extensive than that which is held in our files and for this reason the maps have been included. All other maps refer to the Modified Mercalli scale adopted for New Zealand conditions by Eiby (1966) or Study Group (1992). The maps in the Atlas span the years 1848 to 1990, the earliest map being from the 1848 Marlborough earthquake and the most recent, the Weber earthquakes in February and May 1990. Since organised European colonisation began about 1840, New Zealand has experienced many large earthquakes, more than are represented in this collection. Few large earthquakes between 1855 and 1930 have been studied in detail and their inclusion in a collection similar to this awaits further research. The largest earthquake to be included in the Atlas and the largest known in the recorded history of New Zealand is the Wairarapa earthquake on January 23 1855, estimated magnitude 8.0-8.2. The Wellington and the Wairarapa districts suffered severely, up to intensity MM10. The earthquake was also destructive as far north as Wanganui and along the northeast coast of the South Island and caused extensive landsliding and liquefaction. Regional uplift of the southern part of the North Island, including Wellington, occurred, accompanied possibly by subsidence in eastern Wairarapa and Marlborough as well as vertical and probably horizontal movement on the West Wairarapa Fault. Evaluation of the historic data on this event is continuing. The Mangonui earthquake on Nov 16 1963, of magnitude 3.5 M_L, is the smallest earthquake included in the Atlas. It was one of several earthquakes which occurred in this area of Northland in November December 1963, the largest event having a magnitude 4.9 M_L, for which there is also an isoseismal map. They were unusual as few earthquakes of damaging intensity have occurred north of Auckland.

Eberhart-Phillips, D.; Reyners, M.E. 3-dimensional crustal structure of the Marlborough/Nelson region from a dense seismograph deployment. p. [1] In: *New Zealand Geophysical Society Symposium 1995 : subduction systems and processes in New Zealand : programme and abstracts. 1 v. New Zealand Geophysical Society; Wellington.*

Grapes, R.; Downes, G.L. The 1855 earthquake : analysis of historic data. p. [1] In: *New Zealand Geophysical Society Symposium 1995 : subduction systems and processes in New Zealand : programme and abstracts. 1 v. New Zealand Geophysical Society; Wellington.*

Haines, A.J. On the structure of one-way elastic-wave propagation and exact solutions to the elastodynamic equations : theory for 2-dimensional SH waves. *Institute of Geological & Nuclear Sciences science report ; 95/8.* 261p.

A one-way wave propagation theory is developed to generate exact solutions to the elastodynamic equations in any heterogeneous media. The new approach is radically different from traditional one-way wave propagation techniques. It is based on a reappraisal of the physical foundations of one-way propagation and avoids practical problems and philosophical inconsistencies inherent in the traditional approach. In particular, the new approach is completely consistent with the simple idea that forward- and backward-propagating waves involve forward and backward propagation of energy. The mathematical basis of the new approach is a generally-applicable class of exact factorizations of the elastodynamic equations. These factorizations result in separate one-way wave equations for forward- and backward-going waves involving only the first spatial derivatives of the wavefields with respect to a range variable.

Haines, A.J. Observed and modelled variability of microzone effects for weak motions. p. 49-58 In: *New Zealand National Society for Earthquake Engineering Pacific Conference on Earthquake Engineering : Melbourne, Australia, 20-22 November 1995 : proceedings. Volume 2.*

Understanding of the extent to which site effects in damaging earthquakes are predictable is crucial as the acceptance of seismic microzonation in hazard planning is growing. Putting this question slightly differently, what proportion of the ground motion at any given site can be expected to recur for all similar events and what proportion is seemingly random or unpredictable? For the obvious reason of the generally long return time between large earthquakes in the same area there is a dearth of data from damaging earthquakes impacting at the same sites. What are likely to be upper bounds on the repeatability of site effects in strong ground motion can be gauged from weak-motion measurements and linear modelling of seismic wave propagation. In New Zealand dense macro-seismic data from metropolitan areas has been obtained recently for several moderately large earthquakes, including up to 2,000 reports of felt intensity between MM1 and MMV1 from Wellington for 3 earthquakes in 1990. Measurements of weak ground motion in a range of earthquakes have been made with seismometers arrayed as little as 50-100 m apart. In addition, 3-dimensional wavefield modelling has been performed to examine the effects of near-surface soil layers on the patterns of amplification for different incident waves.

Haines, A.J.; Nothard, S.; Jackson, J.; McKenzie, D.; Holt, W.E. Deformation in the Tonga-Kermadec slab. p. [1] In: *New Zealand Geophysical Society Symposium 1995 : subduction systems and processes in New Zealand : programme and abstracts. 1 v. New Zealand Geophysical Society; Wellington.*

Holt, W.E.; Li, M.; Haines, A.J. Earthquake strain rates and instantaneous relative motions within central and eastern Asia. *Geophysical journal international. 122(2):*569-593.

We use the spatial distribution of moment tensors of earthquakes in this century to estimate the velocity field in Asia within a Eurasian reference frame. In a least-squares inversion, strain rates on the surface of the Earth are matched with continuous spline functions in order to recover the velocity gradient tensor associated with the seismic moment release in Asia. Earthquakes account for 40-60 per cent of the expected motion of India relative to Eurasia, with the missing component of strain rate equivalent to about 20 mm yr^{-1} of N-S shortening between Siberia and India. In this solution, South China rotates counterclockwise and moves eastwards relative to Siberia. Using rigid plate constraints, we next investigate the characteristics of the complete horizontal strain field in Asia that accommodates plate motions. Our strain-rate solutions are analogous to the response of a Newtonian thin viscous sheet in which the rate of work done by the straining medium in accommodating the velocity boundary conditions is a minimum. In these solutions the Euler pole for India relative to Eurasia is constrained (NUVEL-1A; DeMets et al. 1994), but in the process of fitting the VLBI velocity at Shanghai, China (Ward 1994; Heki et al. 1995), the Euler pole for South China is determined in the inversion. A solution that both fits the velocity at Shanghai, China and yields a strain-rate field consistent with the earthquake mechanisms is one where the South China block has a motion relative to Siberia described by the pole at (51°N, 131°E, 0.3°Myr^{-1}. Comparison of the complete strain field that accommodates plate motion with the seismic strains indicates that earthquake moment release rates in this century within Mongolia are about a factor of 4 larger than the long-term rate. Within Gansu-Ningxia, the earthquake moment rates have been about a factor of 2 higher than the long-term rate. The strike-slip faulting within Mongolia, Gansu-Ningxia, western Sichuan and Yunnan is possibly a direct result of velocity boundary conditions imposed on the south China block by forces associated with subduction along the margins of South-eastern Asia. Verification of this requires a better understanding of the role of pre-existing zones of weakness within the Asian continental lithosphere.

Jackson, J.; Haines, A.J.; Holt, W.E. The accommodation of Arabia-Eurasia plate convergence in Iran. *Journal of geophysical research. 100(B8):*15, 205-215, 219.

Continental convergence between Arabia and Eurasia is taken up by distributed deformation in Iran. At wavelengths large compared with the thickness of the lithosphere this deformation is best described by a continuous velocity field. The only quantitative source of information on the spatial distribution of strain rates within Iran is the record of earthquakes. We find that we can reproduce the style of deformation observed in the seismicity by simply minimizing the rate of work in a continuous viscous medium that has to accommodate the Arabia-Eurasia plate motion between the defined shapes of Iran's rigid borders. When, in addition, we specify central Iran, Azerbaijan, and the southern Caspian basin to be relatively rigid blocks within the deforming zone, then the fit to the style of the observed strain rate distribution is even better. We conclude that much of the pattern of deformation in Iran is predetermined by the shape of its rigid borders and by the disposition of relatively rigid blocks within it. This is likely also to have been a common occurrence in older orogenic belts. We confirm earlier suggestions that earthquakes between 1909 and 1992 can account for only a small part (~10-20%) of the total deformation required by the convergence between the Arabia and Eurasia plates. We then show that the whole plate motion can be accommodated by a velocity field with the same orientations and relative magnitudes of principal strain rates seen in the earthquakes but with larger absolute magnitudes. There is therefore no requirement that the large proportion

of aseismic deformation in Iran is substantially different in style, orientation, or distribution from that released seismically in the earthquakes.

Marsh, J.; Larkin, T.J.; Haines, A.J.; Benites, R.A. Comparison of linear and nonlinear seismic responses of two-dimensional alluvial basins. *Bulletin of the Seismological Society of America. 85(3):*874-889.

Theoretical comparisons of linear and nonlinear seismic responses of two-dimensional (2D) alluvial basins show that in general the character of the seismic wave propagation is similar in both cases, but important differences exist regarding both the time history and the response spectra. The nonlinear model, based on yielding elements arranged into a 2D finite-difference mesh, tends to distribute the total seismic energy over longer time durations, resulting in lower peak accelerations and lower response spectra than those produced by the linear model. On the other hand, the Fourier spectra in each comparison are similar; particularly the peak amplitudes occur at about the same frequencies in both cases. However, resonant peaks, obtained with both models for weak input amplitudes, do not appear when the input amplitude is increased 10-fold in the nonlinear case, due to greater damping determined by its assumed stress-strain relationship, which restricts the buildup of resonances. The examples presented in this study correspond to a trapezoidal sedimentary basin embedded in an elastic half-space. The P- and S-wave velocities of the sediments are chosen to be constant in one case, and linearly varying with depth in the other. The input motion is obtained from the bedrock at the Castaic Old Ridge Route Station, during the 1971 San Fernando earthquake, scaled to provide a "weak" motion, with peak acceleration 0.04 g,. and a "strong motion" with peak acceleration 0.4 g. In the linear case, suitable values of Q are chosen to yield the same average damping as that by the nonlinear case, for both inputs.

Reyners, M.E.; Eberhart-Phillips, D. Epicontinental subduction and three-dimensional crustal structure : the northern South Island, New Zealand. *Eos. 76(46:supplement):*F550.

Reyners, M.E. Subduction in New Zealand : new insights from digital seismographs. p. [1] In: *New Zealand Geophysical Society Symposium 1995 : subduction systems and processes in New Zealand : programme and abstracts. 1 v. New Zealand Geophysical Society; Wellington.*

Robinson, R.; Reyners, M.; Webb, T.; Arnadottir, T.; Beavan, J.; Cousins, J.; Van Dissen, R.; Pearson, C. The M_w 6.7 Arthur's Pass earthquake in the Southern Alps, New Zealand, June 18, 1994. *Seismological research letters. 66(2):*11-13.

At 0325 on 18 June 1994 (UT) an M_w 6.7 earthquake occurred in the central South Island of New Zealand, the largest event in the region for 65 years. The epicentre is about 25 km southeast of the major strike-slip Alpine Fault, which marks the boundary between the obliquely converging Pacific and Australian plates. Just to the north the northeast striking Alpine Fault divides into a number of splay faults (the Marlborough Fault System). However, the aftershock zone of this event strikes NNW and does not correspond to any known fault. There was one immediate foreshock (M_L 2.6 21 hours prior) and a well-developed aftershock sequence with 3 large events (M_L 5.5 to 5.8) within the first few days following the main shock. ...

Robinson, R. An anomaly in borehole radon content at Wellington, New Zealand, in 1993. *New Zealand journal of geology and geophysics. 38(3):*395-397.

The radon content of the air in a 60 m deep well at Wellington has been monitored since 1978. The purpose is to test the proposal that anomalous radon content is a precursor to large local earthquakes. The data from 13 January 1990 to 31 July 1994 are homogeneous, free from data gaps, and have been corrected for air pressure and waterlevel changes. During this period there were eight large (magnitude 6.0 or more), shallow (depth <40 km), regional (distance of 800 km or less) earthquakes, but none closer than 172 km. The radon data show only a single anomalous period of 147 days (9% of the observation period) from 17 May to 10 October 1993 when the content was significantly higher than normal. Although two out of eight (25%) of the large, shallow, regional earthquakes occurred during this time, the evidence for a physical connection is weak, since this could happen with probability 0.15 for random earthquake occurrence times.

Robinson, R.; Benites, R.A. Synthetic seismicity models of multiple interacting faults. *Journal of geophysical research. Solid earth. 100(B9):*18229-18238.

A synthetic seismicity model for multiple, interacting faults, of any strike and dip in a three-dimensional elastic half-space has been developed. The ultimate purpose is to determine how hazard is modified by elastic interactions of events in complex fault systems and to examine the synthetic seismicity for unusual behavior before large events that might be observable in the real world. Each fault is subdivided into some number of equal-sized patches, and a coefficient of static friction, random within a specified range, is assigned to each. The patch static strength is then the product of friction and differential normal stress. Stress (both shear and normal) accumulates due to some predefined tectonic driving force until one or more patches fail and slip instantaneously. The slip can be in any direction within the fault plane and its magnitude is determined by a specified fractional stress drop. This initial slip induces shear stress and strength changes on all other patches and faults and perhaps results in other patches failing. Patches can slip more than once; once having failed, their strength is reduced, resulting in an overshoot that approximates the effect of dynamic stress enhancement. An

event is over when all patches are stable. Although present computational constraints do not allow models with more than about 1500 patches, or a large number of faults, experiments with simple models of two parallel strike-slip faults (25 km length, 15 km depth, 694 m x 714 m patch size), driven at different rates and separated by 10 or 15 km, give some indicative results. A range of friction between 0.1 and 0.2,with a stress drop of 10% (about 3 MPa or 30 bars), produces a *b* value (500,000 events) close to 1. The models generate a distinct class of large "characteristic" events that rupture the full fault plane. The distribution of inter-event times for the background seismicity is very similar to that for a Poisson process, while the characteristic events are quasi-periodic. Nearly half the larger events directly induce some activity on the other fault. The effect of a characteristic event on the occurrence of another characteristic event on the opposite fault is small and depends on the separation: at 10 km distance other events are retarded while at 15 km distance they are advanced. At 10-km separation the probability of a pair of characteristic events within 1 year is reduced to 0.3% from 1.7% for the case with no interaction. Consideration of interactions between slip on the faults and the driving mechanism, as well as higher stress drops and more overshoot, would increase the magnitude of the interaction effects.

Robinson, R.; Benites, R.A. Models of fault interaction for the Wellington region, New Zealand : effects on the temporal clustering of large events. *Eos. 76(46:supplement):*F558.

Robinson, R.; Benites, R.A. The risk of multiple large earthquakes in the Wellington region due to elastic interactions. p. [1] In: *New Zealand Geophysical Society Symposium 1995 : subduction systems and processes in New Zealand : programme and abstracts. 1 v. New Zealand Geophysical Society; Wellington.*

Shen-Tu, B.; Holt, W.E.; Haines, A.J. Intraplate deformation in the Japanese Islands : a kinematic study of intraplate deformation at a convergent plate margin. *Journal of geophysical research. 100(B12):*24,275-24, 293.

Relative motions within the deforming Japanese Islands with respect to the Sea of Japan are determined using earthquake records over the last 414 years, slip rates on Quaternary faults, and angular change rates obtained from triangulation in the last century. We use a least squares inversion method to match the strain rates on the surface of the Earth with continuous spline functions to recover the velocity gradient tensors. The directions of the principal strain axes obtained from seismic, geological, and geodetic data are in general agreement with each other, with the maximum shortening axis oriented in a WNW direction. Principal strain rate magnitudes obtained from the geodetic data are about 3-5 times larger than the principal strain rates obtained from the seismic and geological data. Intraplate deformation in southwestern Japan determined from the seismic data accommodates a velocity of 5.5 ± 2 (1 sigma) mm/yr in a direction parallel to the Nankai trough, which is about 25% of the plate motion velocity component parallel to the Nankai trough between the Philippine Sea and Eurasian plates. In northern Honshu, the velocity vectors from the seismic data are nearly parallel to the plate motion vector at the Japan trench, and the intraplate deformation accommodates about 6% of the total Pacific-Eurasian or North American plate motion velocity. The velocity vector at Kashima, northern Honshu, calculated from the geodetic data is about 9-12 mm/yr in a direction of N55°W - N76°W, which is about half of the very long baseline interferometry velocity calculated in the Eurasian reference frame, suggesting that the Sea of Japan may not be rigidly attached to the assumed rigid Eurasian plate.

Smith, E.G.C.; Smith, W.D. Frequency of occurrence of catastrophic (B$1 loss) earthquakes in the main seismic region of New Zealand. p. [1] In: *New Zealand Geophysical Society Symposium 1995 : subduction systems and processes in New Zealand : programme and abstracts. 1 v. New Zealand Geophysical Society; Wellington.*

Smith, W.D. A development in the modelling of far-field intensities for New Zealand earthquakes. *Bulletin of the New Zealand National Society for Earthquake Engineering. 28(3):*196-217.

With the availability of better estimates of magnitudes for large historical earthquakes, a 1978 study to model the Modified Mercalli intensities in large earthquakes in New Zealand has been revised. While instrumental measures of strong ground motion are obviously valuable, intensities will always be important because most of our large historical events predate the installation of accelerographs, and because intensity does seem to give a measure of the degree of damage. Crustal earthquakes in the Main Seismic Region have been divided into two classes on the basis of known or apparent focal depth. Events in the volcanic region are treated separately. No revision is attempted for shallow earthquakes in Fiordland or for events at greater than crustal depths anywhere in the country, the data base being too poor. Detailed goodness-of-fit statistics are presented: they compare favourably with those for the 1978 model and also for another model developed recently. The model is for the far field, so is useful for regional estimation of hazard but not for fault-specific studies at short distances. A companion paper addresses near-source modelling. Intensity is often assumed to be linearly related to the logarithm of ground motion parameters such as displacement or acceleration. This study shows that that assumption cannot hold over a range of distances. It may be possible to formulate a linear relationship at any particular distance, but the parameters of that relationship will change as distance is varied.

Smith, W.D. A procedure for modelling near-field earthquake intensities. *Bulletin of the New Zealand*

*National Society for Earthquake Engineering. 28(3):*218-223.

Close to the rupture surfaces of large earthquakes, the pattern of intensity is expected, on physical grounds, to reflect the fault geometry. But there are usually not enough observational data to constrain isoseismals at such short distances. In order to obtain a plausible model to sustain hazard estimation exercises, a simple procedure for evaluating intensities is presented. It involves using a point-source attenuation function to calculate the contribution to the ground motion due to an element of the source, then integrating along the fault trace or, for dipping faults, over the entire rupture surface. In the far field, the intensity so derived is exactly equivalent to that obtained if the entire rupture is represented by a point source.

Smith, W.D. Principal earthquakes in New Zealand in 1994. *Bulletin of the New Zealand National Society for Earthquake Engineering. 28(2):*105.

Earthquakes have occurred in New Zealand more frequently in the last five years than in the previous decade. This is not a cause for alarm, but a demonstration of the sporadic way in which they happen. It is clear that during the 1970s and early 1980s we experienced fewer large earthquakes than normal. Earthquakes in 1994 followed the established pattern of an active region from the Bay of Plenty to the northern South Island. We have again been fortunate that large earthquakes have not occurred close to our large cities.

Tinnon, M.J.; Holt, W.E.; Haines, A.J. Velocity gradients in the northern Indian Ocean inferred from earthquake moment tensors and relative plate velocities. *Journal of geophysical research. 100(B12):*24, 315-24,329.

The region in the northern Indian Ocean between the Central Indian Ridge, the Sumatra Trench, and 15°S to 9°N exhibits high seismicity,along with basement and sediment deformation. This area represents a diffuse plate boundary between the distinct and separate portions of the Indian and Australian plates. We invert the spatial distribution of horizontal strain rates in this diffuse plate boundary zone to obtain the horizontal velocity field associated with the moment release from 61 earthquakes that have occurred over the past 80 years. In the inversion, the three-dimensional rotation vector function W is determined at all corner points (i.e., knot points) of a grid such that the predicted strain rate values match the observed strain rates within the grid areas in a least squares sense. The rotation vector of Australia relative to India, defined by the earthquake data alone, is 10.1°S ± 9.1°, 81.5°s E ± 5.4°, 0.1° ± 0.06°/m.y. (1 sigma error), which is slightly different in location from the expected vector estimated using seafloor magnetic anomalies and transform fault trends (3.2°S, 75.1°E, 0.288°/m.y) [DeMets et al., 1994a, b]. By minimizing the rate of work within a continuous viscous medium that accommodates Australia's motion relative to India [DeMets et al., 1994a], we determine the complete horizontal velocity gradient tensor within the zone of diffuse deformation. The viscosity tensor within all of the deforming areas can be specified. When all the regions are free to strain in any direction and have the same viscosity (uniform isotropic viscosity), the predicted strain pattern is either pure extension or pure compression, which is in contrast to the style of earthquake deformation east of Chagos where both thrust and strike-slip mechanisms are observed. However, when the isotropic viscosity of regions within the Wharton Basin is increased relative to the isotropic viscosity levels of areas along the Ninetyeast Ridge areas alone, the presence of strike-slip faulting within the Wharton Basin requires a preexisting fabric that favours strike-slip faulting there as a strain mechanism that accommodates in part, the motion of Australia relative to India. To first order, the direction of principal strain rates, the style of strain, and the spatial distribution of strain rates from the earthquakes are in accord with the accommodation of the expected plate motion, whereas across the plate boundary zone the rates from 80 years of seismicity average out to at most 60% of the total strain rate.

Webb, T.H.; Anderson, H.J. Seismotectonics of the Hikurangi Margin and North Island, New Zealand. p. [1] In: *New Zealand Geophysical Society Symposium 1995 : subduction systems and processes in New Zealand : programme and abstracts. 1 v. New Zealand Geophysical Society; Wellington.*

Webb, T.H. Source parameters of large historic (1922-1962) earthquakes, South Island, New Zealand. *Eos. 76(46:supplement):*F381.

Yomogida, K.; Benites, R. Relation between direct wave Q and coda Q : a numerical approach. *Geophysical journal international. 123(2):*471-483.

Using the boundary integral method to simulate SH waves numerically in 2-D homogeneous full- or half-space media with randomly distributed cavities, we compare the amplitude attenuation of direct waves with the temporal decay of the coda. The boundary integral method includes the effect of any degree of multiply scattered waves for a wide frequency range, up to wavelengths smaller than the size of the cavities. We consider seismograms on the free surface so that heterogeneities exist only on one side of the receivers, a situation that resembles actual seismic observations. Seismograms are computed for a vertically incident plane wave and for an isotropic line source. In both cases, the value of Q^{-1} as a function of kd, where k is the wavenumber and d is the cavity diameter, peaks around kd=2 for the direct wave, which is consistent with some single-scattering models. Coda Q^{-1} determined by the temporal decay of the coda envelope agrees well with Q^{-1} for the direct wave for models with a root-mean-square fluctuation of velocity, sigma, of about 10 per cent in a half-space. On the other hand, the coda Q^{-1} is systematically larger than the direct wave Q^{-1} in full-space models, that is,

without the inclusion of the reflection at the free surface. When the cavity density is doubled (sigma > 20 per cent), the coda energy increases rapidly and its temporal decay decreases, so that coda Q^{-1} becomes smaller than the direct wave Q^{-1}, even for full-space models. With a smaller value of sigma (about 5 per cent), the coda decays rapidly and the relation between the two types of Q^{-1} is reversed: the coda Q^{-1} becomes larger than the direct wave Q^{-1}. By comparing results from seismograms composed only of singly scattered waves with those that include multiply scattered waves, we can compare the relative contribution of each singly and multiply scattered wavefield to the two measures of Q. Single scattering mainly determines both the direct wave Q^{-1} and the coda Q^{-1} for the smallest value of sigma, while the values of both kinds of attenuation, particularly the direct wave Q^{-1}, are strongly affected by multiple scattering when sigma is large. Our results imply that a reasonable estimate of scattering attenuation can be obtained by measuring the temporal decay of the coda, if the scattering character of the Earth is similar to our models with a sigma of around 10 per cent, where the single scattering is found to be dominant.

OBSERVATORY SERVICES

PUBLICATIONS

The Seismological Observatory issues the following series of publications:

1. E-bulletins. These consist of the 'New Zealand Seismological Reports' containing summaries of the data used for each origin determination, lists of origins, felt intensity data, and brief accounts of the principal earthquakes of the year. They also provide details of the instruments used to record earthquakes and descriptions of Observatory practices.

2. S-bulletins. These are mostly reprints of papers by members of the Observatory staff, but occasionally they have included other material not published elsewhere, such as the Eiby-Muir near-earthquake tables. Their automatic circulation is not now as widespread as it was in the past, but they are usually available from the Observatory on request.

Copies of this material may be purchased from the Observatory. In suitable cases the Observatory may be able to enter into agreements for a free exchange of publications on a continuing basis.

EARTHQUAKE CATALOGUE

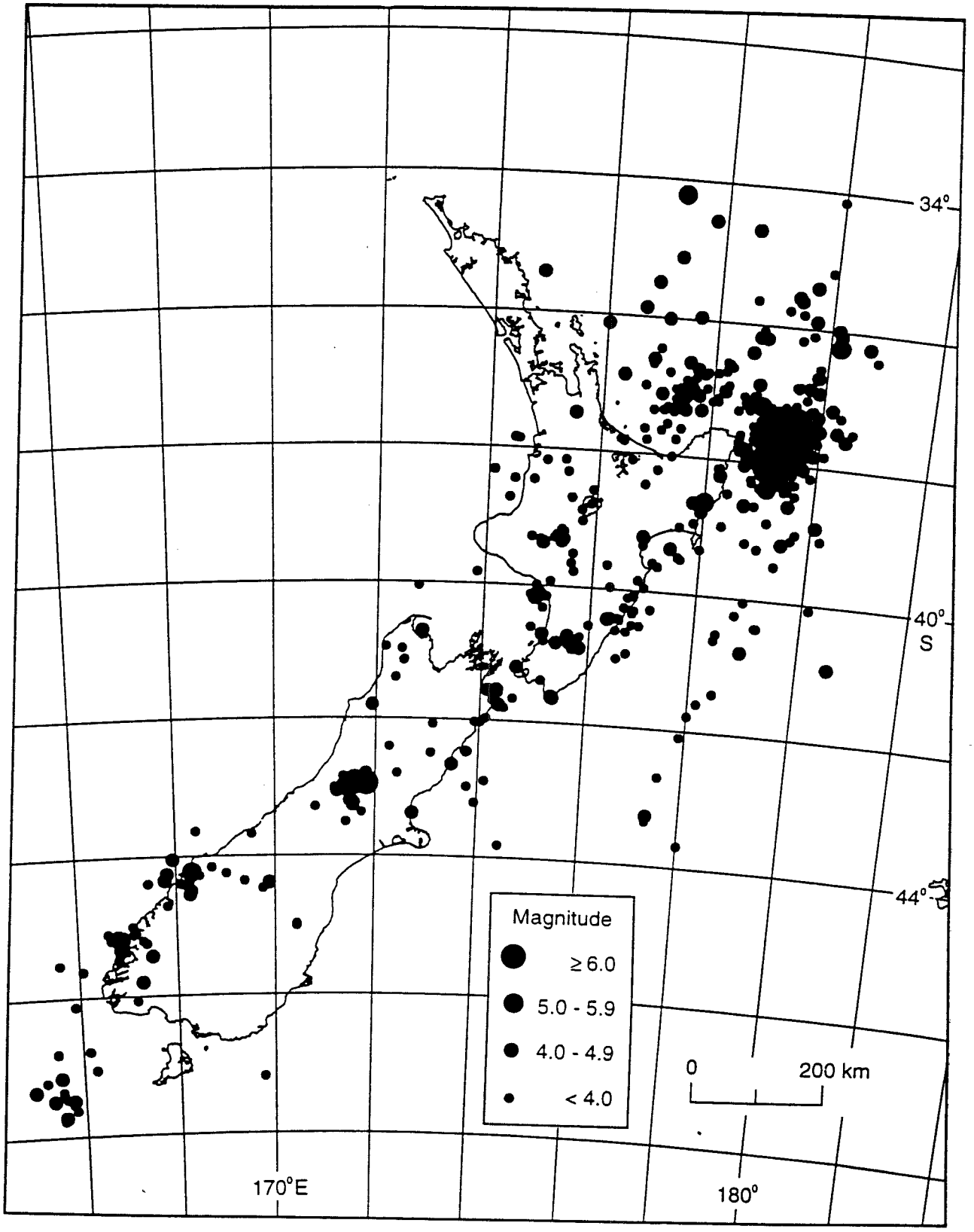
The Observatory has a master file of some tens of thousands of earthquake origins and associated information stored on magnetic tape. From this, lists of earthquakes within particular geographical areas of New Zealand, or in categories defined in other ways, can be made available to researchers. Full details have been published elsewhere (W.D. Smith, 1976: 'A Computer File of New Zealand Earthquakes'; Bulletin of the New Zealand National Society for Earthquake Engineering, Vol. 9, No. 2, pp.136-7, New Zealand journal of geology and geophysics, Vol. 19, No. 3, pp.393-4). Criteria that may be specified are dates, magnitudes, focal depths, intensities and regions bounded in a number of different ways. It is also possible to search for earthquakes likely to have produced intensities above a specified minimum at a particular place and to list reports of above a given minimum intensity that have originated in a chosen reporting locality. Because of the dangers inherent in the use of incompletely assessed data, it is recommended that users should discuss their search criteria with the Observatory.

Waveforms of earthquakes recorded by digital seismographs are also archived and accessible for further processing by CUSP or other compatible software.

EPICENTRE MAPS 1995

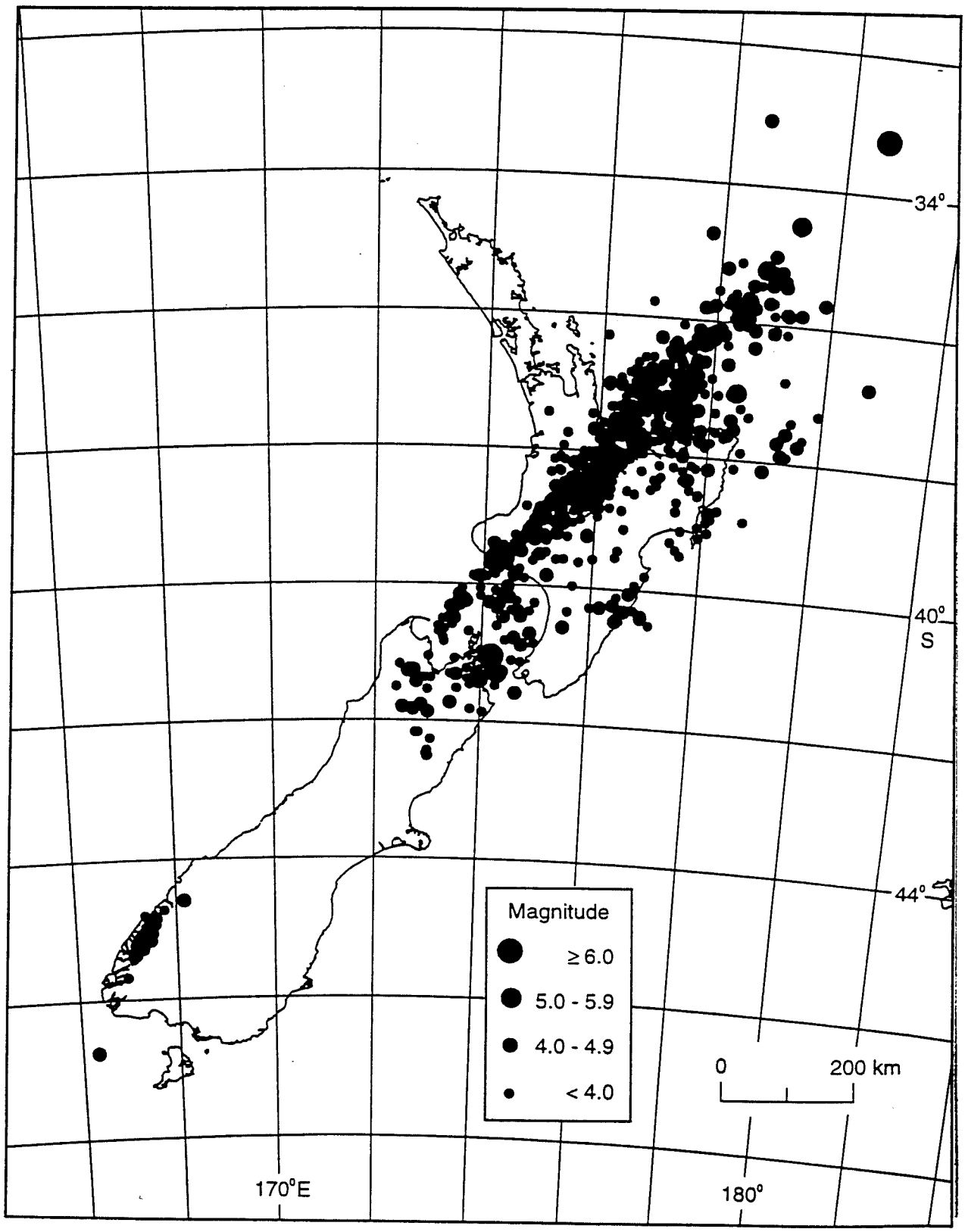
	Page
Regional Shallow Earthquakes	276
Regional Deep Earthquakes	277
Wellington Area Epicentres	278
Wellington Hypocentre Depths	279

REGIONAL SHALLOW EARTHQUAKES



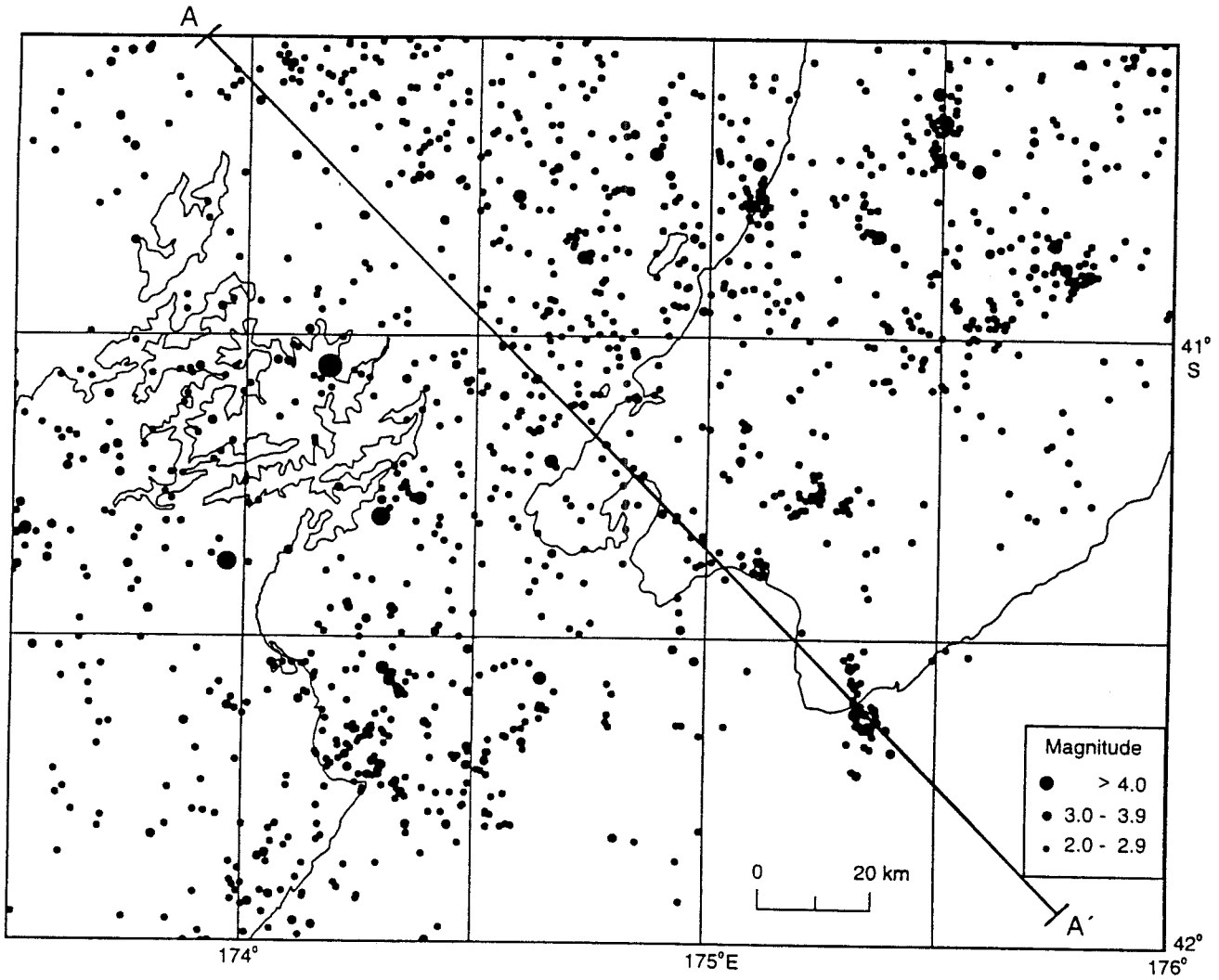
Epicentres of all earthquakes of $M_L \geq 3.5$ with focal depths less than 40 km. When several shocks have the same epicentre, the largest is shown.

REGIONAL DEEP EARTHQUAKES



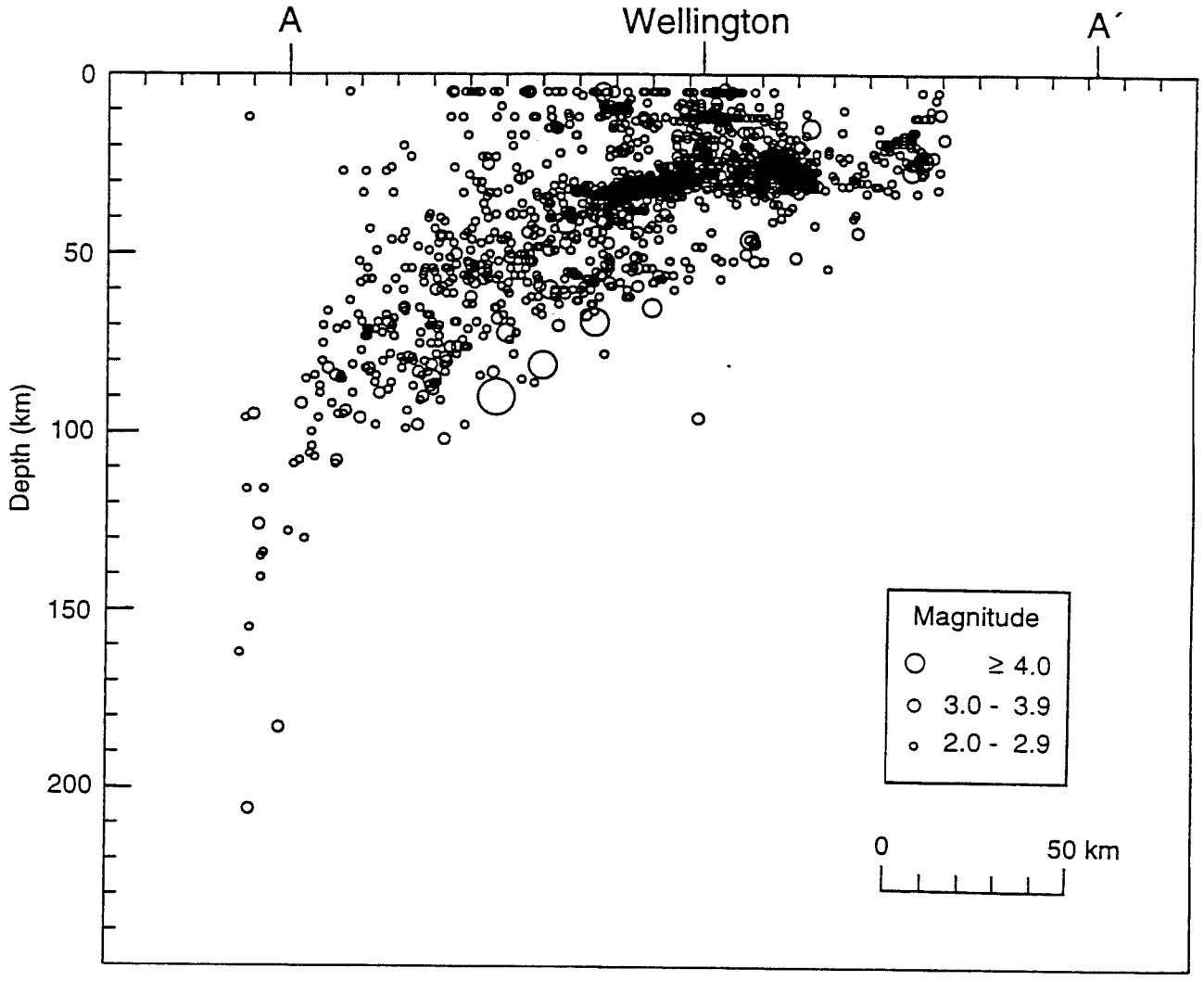
Epicentres of all earthquakes of $M_L \geq 3.5$ with focal depths of 40 km or more. When several shocks have the same epicentre, the largest is shown.

WELLINGTON AREA EPICENTRES



Epicentres of all earthquakes of $M_L \geq 2.0$ in the Wellington area. The distribution of these earthquakes in depth is shown on the next page, where the hypocentres have been projected onto a vertical plane passing through the line A-A'.

WELLINGTON HYPOCENTRE DEPTHS



In this diagram, the hypocentres of all shocks mapped on the previous page have been projected onto a vertical plane passing through the line A-A', which is roughly normal to the Pacific/Australian plate boundary.