International Seismological Centre

COMMONWEALTH OF AUSTRALIA

Department of National Development

Bureau of Mineral Resources, Geology and Geophysics

MUNDARING GEOPHYSICAL OBSERVATORY

JAN - MAR 1972

MUNDARING (MUN)

Latitude: 31°58.7'S Longitude: 116°12.5'E

Height: 253 Metres

Foundation: Precambrian granite

KALGOORLIE (KLG)

Latitude: 30°47' 01.2"S Longitude: 121°27' 28.9"E

Height: 350 Metres

Foundation Alluvium-covered Precambrian basic metasediments

MEEKATHARRA (MEK)

Latitude: 26°36'46"S Longitude: 118°32'42"E

Height: 515 Metres

Foundation: Archean Sedimentary rock

KARRATHA (KAA)

Latitude: 20°46.6'S Longitude: 116°51.5'E

Height: 15 Metres

Foundation: Precambrian volcanics

KUNUNURRA (KNA)

Latitude: 50°45.0'S Longitude: 128°46.0'E

Height: 55 Metres

Foundation: Unweathered upper Devonian sandstone.

All correspondence relating to these seismographs should be addressed to:-

Observer-in-Charge,
Geophysical Observatory,
MUNDARING. 6073

International Seismological Centre

INSTRUMENTATION

MUNDARING

World wide standard seismograph system No. 44

Nominal magnification	S, P-Z, N, E	25000 at 1 second
	LP-Z	750 at 15 seconds
	LP-N, E	375 at 15 seconds

	Component	Seismometer	Galvanometer	Magnification
KALGOORLIE	SP-Z	Willmore Mk2 To = 1.0	Geotech G10 Tg = 0.75	15,800 at 1 second
	SP-SW	Willmore Mk2 To = 1.0	Geotech G10 Tg = 0.25	16,500 at 1 second
	SP-NW	Willmore Mk2 To = 1.0	Geotech G10 Tg = 0.25	16,500 at 1 second
MEEKATHARRA	SP-Z	Willmore Mk2 To = 1.0	Geotech G10 Tg = 0.75	9,000 at 1 second
KARRATHA	SP-Z	Willmore Mk2 To = 1.0	Geotech G10 Tg = 0.75	31,000 at 1 second
KUNUNURRA	SP- Z	Willmore Mk1 To = 1.0	Willmore Tg = 0.25	20,000 at 1 second

Timemarks for all stations other than Mundaring are normally supplied from an EMI crystal clock controlled by VNG or ABC radio pips.

Magnification curves are available on request.

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
MUNDARING (MUN)							
January.							
01	iP	D	10 23 22.0				
01	eP		15 25 27				
01	eP		20 25 41				
01	iP	D	21 32 12.7				
01	eP		22 15 25	LZ	20.0	108 u	
	eS		23 08	LN	20.0	69 u	
				LE	20.0	76 u	
02	iP	D	01 20 47.4				
03			Nil				
04	iP	C	03 26 19.1		1.2	210mu	2.3
				LZ	20.0	31 u	
				LN	20.0	24 u	
				LE	20.0	44 u	
04	iP	C	18 06 21.1				
04	eP		18 16 17				
04	iP	D	20 16 24.6				
04	iP	D	21 34 11.9				
05	eP		09 37 09				
06	iP	C	00 38 02.3		1.2	1180mu	3.0
06	iP	D	05 58 19.4				
	iS		58 30.5				Meckering
07	iP	D	06 32 52.9				ML = 2.4
	eS		38 36				
08	iP	D	03 18 28.7				
08	iP	D	05 37 05.9				
	iS		45 32.8				
08	eP		08 23 32				
08	iP	C	11 47 32.0		1.0	120mu	2.1
08	iP	C	17 05 56.7				
	iS		06 47.2				Kalgoorlie rock burst
08	iP	C	17 06 08.9				ML = 3.0
	iS		06 59.4				Kalgoorlie rock burst
09			Nil				ML = 3.4
10	iP	C	12 23 49.9				
10	iP	D	19 31 16.2				
10	iP	D	20 29 11.4	0.9		18mu	1.3
	epP		29 24				
	iS		32 51.3				
11	eP		05 42 01				
	eS		46 36				
12	iP	D	06 33 18.8				
	iS		33 29.5				Meckering
12	iPKP	C	10 17 30.0				ML = 2.7
	eX		17 36				
	eX		20 19				
12	eP		14 05 43				
12	iP	C	18 49 18.3				
13	iP	C	00 08 51.3				
13	eP		22 34 42				
14	iP	D	04 11 36.8				
14	iP	D	08 59 18.3				
15	iP	D	03 49 32.3	0.5		124mu	2.4
15	iP	C	04 30 31.1				
15	iP	C	19 41 09.1				
15	eP		20 33 55				
16	iP	C	14 26 44.0	0.5		42mu	1.8
17	iP	C	00 08 42.8				

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Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
MUNDARING (MUN) Cont.							
January.							
17	eP		08 27 54				
17	eP		21 49 14				
				LZ	20.0	7 u	
				LN	20.0	3 u	
				LE	20.0	4 u	
17	iP	C	23 20 14.6				
18	eP		10 36 37				
	eS		38 57				Lake McKay
	eLg		40 33				
18	iP	D	22 02 34.2				
	ePP		04 11				
	eS		08 47				
19	eP		03 06 05				
19	iP	D	03 54 21.3				
19	iP	D	15 08 13.3				
19	eP		20 28 55	LZ	20.0	11 u	
				LN	20.0	7 u	
				LE	20.0	4 u	
20	eP		05 42 02				
20	eP		08 22 17				
20	iP	C	11 48 15.2				
20	eP		21 09 44				
20	eP		21 34 29				
21	iP	D	15 36 41.8		0.6	75mu 2.1	
21	iPKP	D	19 37 18.3				
21	iP	C	23 24 21.5				Mawson
	iS		24 32.0				ML = 2.8
22	iP	D	06 07 41.0				
22	iP	D	08 03 24.4				
	eX		07 48				
22	iPKP	D	13 28 25.5				
22	iP	D	14 14 27.9				
22	eP		18 48 47				
22	eP		20 00 04				
22	iP	D	21 59 47.1				
	eS		22 07 08				
22	iP	D	22 47 56.8				
23	iP	D	13 03 18.3				
23	eP		17 27 28				
23	iP	C	18 12 50.6		1.0	44mu 1.6	
23	eP		20 24 55				
	eX		30 20				
23	eP		21 26 40				
24	iP	D	03 44 50.0				
24	iP	C	03 56 55.0				
24	iP	C	04 04 33.1		1.0	160mu 2.2	
24	iP	C	04 14 34.1				
24	iP	C	04 36 28.2				
24	iP	C	04 41 50.5				
24	iP	C	06 11 34.3				
24	eP		15 23 34				
24	iP	C	19 47 47.9				
25	iP	C	02 15 47.0	LZ	20.0	23 u	
				LN	20.0	75 u	
				LE	20.0	0 u	
25	eP		03 14 55				
25	iP	C	03 50 50.3		1.0	64mu 1.8	
25	eP		05 53 41.7				
			08 08 46				

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Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
MUNDARING (MUN) Cont.							
January.							
25	iP	C	17 38 19.0				
	eS		38 37				Manmanning
26	iP	C	03 48 08.4				ML = 3.0
26	iP	C	03 54 20.6				
26	iP	C	04 26 54.9				
26	iP	C	09 01 07.9				
26	iP	C	10 02 26.4				
26	iP	C	23 09 22.0	LZ 20.0	8 u		
				LN 20.0	0 u		
				LE 20.0	5 u		
26	iP	C	23 41 33.1				
27	eP		06 07 04				
28	iP	C	01 24 56.8	1.0	180mu	2.3	
28	iP	D	05 38 58.4				
	iS		39 08.0				Meckering
29	iP	D	20 40 16.4				ML = 1.9
	eS		46 05				
30	iP	D	01 01 54.9				
	iS		02 04.4				Meckering
30	iP	D	02 10 48.5				ML = 2.1
	eS		11 05				Manmanning
30	iP	C	02 32 08.2	0.9	67mu	1.9	ML = 2.4
30	eP		03 33 53				
30	iP	C	13 43 08.7				
30	eP		17 42 03				
30	iP	C	20 27 58.4				
31	iP	D	19 15 18.2	0.9	119mu	2.1	
KALGOORLIE (KLG)							
January.							
01	iP	D	10 22 47.0				
01	iP	D	15 25 24.8				
01	eP		20 25 20				
01	iP	D	21 31 42.0				
01	iP	D	22 14 50.8				
01	iP	D	22 53 49.0				
02	eP		10 39 43				
02	iP	C	22 19 47.2				
03			Nil				
04	iP	C	03 26 07.7	0.8	220mu	2.4	
04	iP	D	12 24 30.3				
04	iP	D	18 45 15.0				
04	iP	C	21 33 42.9				
05			Nil				
06	iP	C	00 37 26.3	0.8	293mu	2.6	
07	iP	D	06 32 22.1	0.8	293mu	2.6	
07	iP	C	17 21 11.8				
08	iP	D	05 36 53.9	0.7	70mu	2.0	
08	iP	C	06 18 51.2				
08	iP	C	08 23 21.7				
08	iP	C	11 47 43.4				
08	iP	C	14 41 17.4				
08	iP	D	17 04 48.6				Kalgoorlie
08	iP	C	21 41 16.2				rock burst
09			Nil				
10	iP	D	05 32 55.8				
10	iP	C	12 23 24.2				
10	iP	D	19 31 00.7				

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Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
KALGOORLIE (KLG) Cont.							
January.							
10	iP	C	20 29 13.9				
	eX		32 50				
11			Nil				
12	iPKP	C	10 17 29.3				
	eX		20 18				
12	iP	C	14 05 15.0				
12	iP	D	18 49 26.2				
13			Nil				
14	iP	C	04 11 22.0				
15	iP	D	03 49 01.9				
15	iP	D	20 34 02.0				
16	iP	C	03 44 02.1				
	iS		44 30.2				
16	eP		14 26 23				
17	eP		21 49 26				
17	iP	C	23 18 40.0				
18	eP		10 35 47				Lake McKay
	eS		37 33				
18	iP	C	22 02 00.6				
19	eP		03 05 31				
19	iP	C	03 53 44.8				
19	eP		15 07 37				
19	eP		20 28 46				
20	eP		05 41 26				
20	iP	C	11 48 25.4	1.0	710mu	2.8	
20	eP		19 51 07				
21	iP	C	11 10 16.5				
21	iP	D	15 36 23.8				
21	ePKP		19 37 17				
	eX		40 07				
22	eP		08 03 10				
22	iPKP	D	13 28 18.3	1.5	1288mu	2.9	
22	eP		14 14 08				
22	eP		18 48 11				
22	eP		19 59 29				
22	iP	D	21 59 09.8				
	eX		22 01 04				
22	iP	D	22 47 26.1				
23	iP	D	13 02 47.9				
23	eP		17 26 51				
23	eP		18 12 14				
23	eP		20 24 30				
23	iP	C	21 26 04.3				
24	iP	C	03 56 20.8				
24	iP	C	04 03 56.3				
24	iP	C	04 36 12.1	0.7	95mu	2.1	
24	iP	D	07 37 28.1				
24	iP	D	19 47 18.3				
25	iP	C	02 15 35.8	0.8	390mu	2.7	
25	iP	C	03 50 39.3	1.0	466mu	2.7	
25	iP	C	05 53 52.9	0.8	96mu	2.1	
25	iP	C	17 38 50.0				Manmanning ML = 3.5
	eS		39 31				
26	iP	C	03 48 19.1	0.5	153mu	2.5	
26	iP	D	04 26 23.9				
26	eP		09 00 31				
26	iP	D	23 08 53.2	0.7	228mu	2.6	
26	iP	C	23 41 02.3				

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te 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	

KALGOORLIE (KLG) Cont.

January.

27							
28	iP	C	01 24 20.1				
	eX		29 46				
28	iP	C	16 27 29.1				
29	iP	C	08 42 22.9				
29	iP	C	08 49 27.1				
29	iP	C	10 22 26.6				
29	iP	C	17 06 24.0				
29	iP	D	20 39 49.0	0.7	166mu	2.4	
	eX		44 51				
30	iP	C	02 31 37.0				
30	iP	D	02 47 32.1				
30	iP	C	03 33 16.9				
30	eP		17 41 39				
31	iP	D	19 14 47.2				

MEEKATHARRA (MEK)

January.

01							
02	iP	C	10 39 15.9				
02	iP	C	22 19 28.1				
03							
04	iP	C	03 25 37.0	0.4	60mu	2.2	
04	iP	C	18 05 30.1	0.6	86mu	2.2	
04	eP		18 15 27				
05							
06	iP	C	00 37 26.2	0.6	640mu	3.0	
07	iP	C	06 32 06.6				
07	eP		17 18 11				
08	eP		05 36 23				
08	iP	C	06 02 04.7				
08	iP	C	06 18 20.1				
08	iP	C	08 22 50.0				
08	iP	C	14 40 45.9				
08	eP		17 06 00				Kalgoorlie rock burst
08	eP		17 06 13				Kalgoorlie rock burst
09							
10	iP	D	05 32 24.4				
10	iP	C	12 22 58.8				
10	iP	D	19 30 39.3				
10	iP	D	20 28 13.6				
	eX		28 25				
	eS		31 04				
11	eP		05 41 14				
12	iPKP	D	10 17 44.2	0.8	300mu	2.6	
12	iP	C	14 04 49.2				
12	iP	C	18 49 00.0				
13	eP		08 18 27				
13	eP		22 33 53				
14	iP	C	04 10 49.4				
14	iP	D	13 43 13.7				
15	eP		01 39 05				
	eS		40 00				Local ML = 3.7
15	iP	D	03 49 22.3	0.5	58mu	2.1	
15	iP	D	08 00 53.2				
15	eP		20 33 36				
16	iP	C	14 25 53.8				

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Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
MEEKATHARRA (MEK) Cont.							
January.							
17	eP		21 48 45				
18	iP	C	10 35 34.5				Lake McKay
	eS		37 04				
18	iP	C	12 56 19.3				
18	eP		22 01 53				
18	iP	C	22 49 49.2				
19	eP		03 05 25				
19	iP	C	03 53 39.0				
19	iP	D	15 07 31.2				
19	iP	D	20 29 26.0				
20	iP	C	03 57 37.0				
20	iP	C	11 47 59.8				
21	iPKP	C	11 09 47.4				
21	iP	D	15 35 53.1	0.8	146mu	2.3	
21	iP	D	19 37 32.3				
21	eP		23 25 25				Mawson
	eS		26 23				
22	iP	D	06 06 25.2				
	eS		07 06				
22	iP	C	08 02 26.1				
22	iP	D	13 04 18.1				
	eS		04 31				Local ML = 2.0
22	iPKP	C	13 28 26.3				
22	iP	D	14 05 15.7				
	eS		05 29				Local ML = 2.5
22	iP	C	14 13 34.1				
22	eP		18 48 05				
22	iP	C	19 59 22.5				
22	iP	C	21 59 30.9				
23	iP	C	17 27 06.9				
23	iP	D	18 12 28.8				
23	eP		20 24 03				
23	iP	C	21 26 19.7				
24	iP	D	03 37 22.7				
24	iP	C	03 44 28.0				
24	iP	C	03 56 42.0				
24	iP	D	04 04 11.0				
24	eP		04 14 12				
24	iP	D	04 35 39.4				
24	iP	C	04 41 30.2				
24	iP	C	06 11 12.0				
24	iP	C	15 51 18.8				
24	eP		18 03 55				
24	iP	D	19 47 43.0				
25	iP	C	02 15 05.8				
25	eP		03 09 00				
25	iP	C	03 50 07.1				
25	eP		05 53 27				
25	iP	C	14 56 30.5				
	eS		59 09				
25	iP	C	15 13 30.3				
25	iP	D	16 08 14.0				
25	eP		17 39 00				
	eS		39 48				Manmanning ML = 3.4
25	eP		19 20 14				
25	iP	D	21 11 43.2				
26	iP	D	03 47 37.0	0.4	32mu	1.9	
26	iP	D	04 26 43.3				
26	iP	D	23 09 11.5				
26	iP.	D	23 41 22.5				

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Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
MEEKATHARRA (MEK) Cont.							
January.							
27			Nil				
28	iP	D	16 26 56.9				
28	iP	D	20 18 49.1				
	eS		21 48				
29	eP		04 11 46				
	eS		12 48				Regional
29	iP	C	08 42 19.0				
29	eP		19 05 16				
	eS		08 01				
29	iP	D	20 39 25.9	0.3	21mu	1.8	
30	iP	C	02 31 57.8				
30	iP	C	03 33 19.1				
30	eP		17 41 24				
30	eP		22 16 05				
31	iP	D	19 15 09.3				
KARRATHA (KAA)							
January.							
01	eP		15 08 07				
01	iP	C	20 24 07.0				
01	iP	D	21 32 27.9				
01	iP	C	22 15 25.5				
02-03			Nil				
04	iP	C	03 24 52.5				
04	iP	C	18 04 43.0				
04	iP	D	18 14 39.4				
05			Nil				
06	iP	C	00 37 27.1				
07	eP		06 31 43				
07	iP	C	17 20 32.4				
08	iP	D	05 35 38.9				
09	eP		22 20 28				
	eS		21 00				
10	iP	D	19 30 06.1				ML = 2.8
10	iP	C	20 26 53.8				
	eS		28 40				
11			Nil				
12	iPKP	D	10 17 54.4				
	eX		20 10				
12	iP	C	14 04 13.0				
12	iP	D	18 48 27.0				
13-14			Nil				
15	iP		01 39 06.2				
	eS		39 49				
15	iP	D	03 49 39.1				
15	eP		20 33 03				
16	iP	C	14 25 10.0				
17	eP		21 47 57				
18	eP		10 36 19				
	eS		37 19				Lake McKay
18	eP		12 55 58				
18	eP		22 01 38				
19	iP	C	03 53 24.6				
19	iP	D	15 07 16.7				
20	iP	C	11 47 28.8	1.0	320mu	2.5	
21	eP		19 37 41				
22	iPKP	C	13 28 32.0				
22	iP	C	14 12 43.6				
22	eP		18 47 50				

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Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T
KARRATHA (KAA) Cont.						
January.						
22	eP		21 59 50			
23	eP		18 12 39			
23	iP	C	21 26 29.3			
24	iP	C	04 04 20.5			
24	iP	D	19 48 06.1			
25	iP	C	02 14 21.4			
25	iP	D	03 49 26.5			
26	iP	D	03 46 47.0			
26	iP	D	23 09 28.6			
27			Nil			
28	eP		01 24 56			
28	iP	C	16 26 12.2			
29	eP		20 38 50			
	eX		42 34			
30	iP	C	02 32 15.2			
31	iP	C	19 15 29.2	0.7	111mu	2.2

P.J. Gregson,
Observer-in-Charge.

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1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
MUNDARING (MUN)							
February.							
01	eP		01 40 20				
01	iP	D	02 45 47.4				
01	iP	D	04 15 52.0				Manmanning
	iS		16 09.0				ML = 2.7
01	eP		22 19 20				
02	eP		17 48 27				
02	iP	C	18 20 57.3				Manmanning
	eS		21 14				ML = 2.0
02	iP	C	21 06 04.8				
03	iP	D	04 22 32.3				Meckering
	eS		22 42				ML = 2.1
03	iP	D	08 44 00.9				
	eX		44 35				
04	iP	C	01 27 31.2				
04	eP		01 54 49				
04	iP	C	07 12 08.0	0.8	42mu	1.7	
04	iP	C	15 28 17.0				
04	iP	C	17 49 36.3				Meckering
	iS		49 46.3				ML = 2.2
05	eP		00 27 45				
05	eP		16 13 55				Lake McKay
	eS		16 34				MB = 4.4
06	iP	C	12 03 42.1				
06	iP	C	22 12 26.9				
06	eP		22 31 55				
	eX		35 25				
07	iP	C	05 46 40.5				
07	iP	C	06 16 49.4				
07	iP	D	06 53 46.2	0.7	108mu	2.2	
	eS		57 50				
07	iP	D	19 10 27.2				Meckering
	iS		10 37.2				ML = 3.2
07	iPKP	C	19 34 38.9	0.9	105mu	2.1	
	eX		34 47				
07	iPKP	C	20 23 24.5				
08	eP		03 46 53				
08	eP		09 54 40				
08	iP	C	14 17 33.2				
09	iP	C	06 00 21.4				
09	iP	C	13 58 44.2	0.9	88mu	2.0	
09	eP		16 07 28				
10	iP	C	05 15 50.0				
10	iP	D	07 51 36.8				
10	iP	C	09 10 47.9				
11	iP	D	01 32 29.0				
11	eP		02 48 16				
11	eP		03 00 29				
11	iP	D	21 13 03.7				
12	iP	C	09 22 21.2				
12	iP	C	09 48 13.0				
12	iP	C	11 11 27.0	0.9	53mu	1.8	
12	iP	C	19 02 43.2	1.0	256mu	2.4	
13	iP	C	03 29 08.3				
13	iP	D	07 23 32.4				
13	eP		13 10 37				
13	iP	C	21 18 40.3				
14	eP		09 55 15				
14	eP		19 33 36				

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Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
MUNDARING (MUN) Cont.							
February.							
14	iP	C	23 38 40.2	1.0	1000mu	3.0	
				LZ 20.0	117 u		
				LN 20.0	30 u		
				LE 20.0	52 u		
15	eP		01 31 24				
15	iP	C	02 51 12.1				
15	iP	D	04 19 36.9				
15	iP	C	10 16 24.8				
15	iP	D	17 00 06.1				Meckering
	iS		00 16.4				ML = 1.9
15	iP	C	21 38 59.4	1.0	280mu	2.4	
16	iP	C	03 58 39.5	1.0	116mu	2.1	
16	iP	C	09 05 47.2				
16	eP		12 14 14				Lake McKay
	eS		16 33				MB = 5.3
16	iP	C	16 14 22.3				
	eX		17 55				
17	iP	D	00 46 58.0	0.9	70mu	1.9	
17	iP	C	08 58 48.2				
17	eP		09 38 51				
18	iP	D	07 59 06.5				Manmanning
	iS		59 23.4				
18	iP	C	08 24 15.9				Manmanning
	iS		24 32.9				ML = 2.3
18	iP	C	19 27 44.3				
19	iP	D	08 07 52.9				
19	iP	C	08 15 17.1				
19	iP	D	14 47 52.0				
19	iP	C	20 01 23.0				
20	eP		11 33 08				
20	iP	C	13 37 13.6				
21	iP	D	06 11 20.2	1.0	80mu	1.9	
21	eP		19 53 24				
21	iP	C	23 51 02.0	1.0	136mu	2.1	
22	eP		01 26 35				
22	iP	C	09 12 45.5				
	eX		12 52				
	eS		16 30				
22	iP	C	12 50 54.0				
22	eP		17 27 37				
22	iP	C	18 52 18.8				
22	iP	D	21 59 08.3	0.9	39mu	1.6	
23	eP		04 21 11				
	eX		23 58				
23	iP	C	04 48 51.2	0.8	30mu	1.6	
23	eP		09 46 23				
23	eP		16 54 43				
	eS		59 24				
23	eP		18 29 48				
24	eP		00 36 43				
24	iP	C	02 16 45.4				Manmanning
	iS		17 02.5				ML = 2.2
24	iP	C	06 15 55.2				Manmanning
	iS		16 12.3				ML = 2.4
24	iP	C	11 34 36.7				
24	iP	D	14 37 39.7				Manmanning
	iS		37 56.8				ML = 2.2
24	iP	C	16 00 03.1				
24	iP	D	18 54 40.0				

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Date 1972	Phase	Dir.	G.M.T.			Per. (sec.)	Amp.	LogA/T	
MUNDARING (MUN) Cont.									
February.									
25	iP	D	01	29	32.9				
25	eP		03	05	09				
25	eP		07	57	22				
25	iP	C	08	53	07.0				
26	iP	D	15	24	34.8				
27	iP	D	22	23	50.9				
28	eP		01	19	16				
28	iP	C	04	10	56.2				
28	eP		04	14	09				
29	iP	C	09	34	00.5	LZ	20.0	75 u	
	eS			43	03	LN	20.0	46 u	
						LE	20.0	20 u	
29	iP	C	09	53	42.2				
	iS		10	02	14.4				
29	iP	C	11	18	59.9		0.8	27mu	1.5
29	eP		23	20	57				
KALGOORLIE (KLG)									
February.									
01	iP	D	02	22	02.3				
01	iP	D	02	45	10.3				
01	eP		04	16	25				Manmanning
	eS			17	08				
01	iP	C	15	00	02.0				Mukinbudin
	eS			00	33				ML = 2.1
01	iP	C	16	11	26.2				
02	eP		17	47	58				
03	iP	C	08	43	24.4				
	eX			48	58				
03	eP		14	34	06				
04	iP	C	01	27	24.1				
04	iP	D	07	11	37.4				
04	eP		10	40	44				
04	iP	C	15	28	27.7		0.8	101mu	2.1
05	iPKP	C	14	01	43.3				
05	eP		16	21	57				Regional
	eS			22	56				
06	eP		04	54	08				
06	iP	C	12	03	06.7				
06	iP	D	22	12	01.0				
	eX			12	10				
06	eP		22	31	41				
	eS			35	00				
07	eP		06	16	46				
07	iP	C	06	53	27.6				
	eX			57	11				
07	iP	C	16	18	10.0				
07	eP		19	11	13				Meckering
	eS			11	56				
07	iPKP	C	19	34	32.2				
08	iP	D	03	46	41.0				
08	eP		20	07	08				
09	iP	C	13	58	08.0				
09	eP		16	07	20				
09	iP	C	17	43	25.7				
09	iP	C	20	58	02.9				
10	iP	D	18	59	18.6				
11	iP	C	21	13	02.7				
	eS			16	42				

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Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
KALGOORLIE (KLG)	Cont.						
February.							
12	iP	C	09 47 38.0				
12	iP	C	11 11 21.8	1.0	74mu	1.9	
12	iP	C	19 02 13.0	0.9	208mu	2.4	
13	eP		08 49 55				
13	iP	C	13 10 37.8				
13	iP	C	21 18 51.9				
14	iP	C	00 47 55.0				
14	iP	C	23 38 04.5	0.9	700mu	2.9	
15	iP	D	01 31 14.5				
15	eP		01 35 17				
15	eP		04 19 03				
15	iP	C	21 38 23.6	0.9	130mu	2.2	
16	iP	C	03 58 03.3				
16	iP	D	09 05 34.5				
16	eP		12 13 25				Lake McKay
	eS		15 09				MB = 5.3
16	iP	C	15 36 38.0				
16	eP		16 14 17				
16	iP	D	20 31 00.0				
17	iP	D	00 46 21.5				
17	iP	C	04 55 57.7				
17	iP	D	16 07 20.0				
18	eP		07 59 40				Manmanning
	eS		00 22				
18	iP	C	15 42 24.4				
19	iP	C	08 07 15.8				
19	iP	C	08 15 04.9				
19	iP	D	14 06 46.0				
19	iP	D	14 47 21.5				
20	iP	C	04 39 47.8				
20	iP	D	04 47 04.2				
20	iP	D	06 34 07.3				
20	eP		14 18 07				
21	iP	D	06 10 44.2	1.0	68mu	1.8	
21	iP	C	06 39 44.4				
21	iP	C	07 37 47.3				
21	iP	C	10 50 20.2				
21	eP		10 55 27				
21	iP	C	23 50 26.0	0.9	52mu	1.8	
22	iP	C	01 26 43.5				
	eX		27 37				
22	iP	C	09 12 35.6				
	eS		16 13				
22	iP	C	12 50 29.4				
	eS		54 33				
22	iP	C	18 52 30.7				
22	iP	D	21 58 59.1				
23	eP		05 48 21				
23	iP	D	07 48 23.8				
23	iP	D	09 46 03.8				
24	eP		00 36 08				
24	eP		10 32 10				
24	iP	C	11 34 26.0				
24	eP		15 59 28				
24	iP	C	16 11 45.4				
24	iP	C	18 07 19.0				
25	eP		01 29 45				
25	eP		08 52 37				
26			Nil				

International Seismological Centre

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
KALGOORLIE (KLG) Cont.							
February.							
27			Nil				
28			Nil				
29	iP	C	09 33 43.8	0.9	1800mu	3.3	
29	iP	C	09 53 25.6	1.0	590mu	3.7	
29	iP	C	11 18 43.0				
29	eP		12 12 11				
29	iP	D	12 59 07.7				
29	iP	C	13 42 25.0				
29	eP		23 20 35				
MEEKATHARRA (MEK)							
February.							
01	eP		01 37 22				
01	iP	C	02 45 19.7				
02	iP	C	17 47 29.2				
03	iP	D	08 43 24.5				
03	eP		14 34 06				
04	iP	C	07 11 55.5				
04	iP	C	15 27 50.3				
05	eP		07 01 22				
05	iP	C	11 37 35.9				
05	eP		14 01 00				
05	iP	D	16 22 10.1				Lake McKay
	eS		23 16				
06	iP	C	12 03 26.0	0.5	43mu	1.9	
06	eP		22 11 43				
06	iP	D	22 30 44.3				
	eS		33 18				
07	iP	D	06 52 42.8				
	eS		55 39				
07	iP	D	12 16 19.0				
07	iP	C	15 51 39.3				
07	eP		19 11 31				Meckering
	eS		12 29				
07	ePKP		19 34 43				
08	iP	D	03 46 10.1				
08	eP		14 16 53				
09	iP	C	13 58 23.3	0.8	185mu	2.3	
10	iP	C	05 15 30.8				
10	iP	D	09 10 00.0				
11	eP		20 59 45				
	eS		21 02 35				
11	eP		21 12 01				
	eS		14 50				
12	iP	C	12 03 24.1				
12	iP	C	19 02 32.1				
13	iP	C	13 10 58.2				
13	iP	C	22 19 03.3				
14	iP	C	19 32 54.7				
14	iP	C	23 38 18.0				
15	eP		01 30 28				
	eS		33 35				
15	eP		04 04 13				
15	eP		04 19 17				
15	iP	C	15 11 28.0				
15	iP	C	21 38 37.0				
16	iP	C	03 58 16.5				
16	iP	C	09 04 58.4	0.4	26mu	1.8	

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Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
MEEKATHARRA (MEK) Cont.							
February.							
16	eP		12 13 10				
	eS		14 39				Lake McKay
16	iP	D	15 36 39.0				MB = 5.1
16	eP		16 13 16				
	eS		15 53				
17	iP	D	00 46 22.8				
17	eP		19 43 34				
18	eP		07 59 49				
	eS		08 00 40				Manmanning
18	iP	D	15 42 20.5				
18	iP	C	19 27 22.8				
19	iP	D	08 07 26.1				
19	iP	C	08 14 32.1				
19	eP		11 09 01				
20	iP	D	06 34 08.0				
20	iP	C	13 36 53.1				
21	iP	D	06 11 02.9				
21	iP	C	06 39 52.0				
21	iP	C	07 09 07.8				
21	eP		09 57 33				
21	iP	C	23 50 39.0				
22	iP	D	01 26 20.0				
22	iP	C	09 11 40.0				
22	iP	C	12 50 03.4				
22	iP	C	18 51 52.7				
22	eP		21 59 37				
23	eP		00 20 46				
23	eP		01 45 23				
23	eP		07 48 23				
23	iP	C	09 45 32.2				
23	eP		18 44 38				
24	eP		00 36 01				
24	iP	C	11 33 52.1				
24	iP	C	15 59 51.0				
24	iP	C	16 11 46.7				
24	iP	D	18 53 48.9				
25	eP		01 30 01				
25	iP	D	08 53 00.1				
26	iP	D	08 19 22.6				
26	eP		11 16 47				
26	eP		15 23 43				Manmanning
27			Nil				
28	eP		20 56 44				
29	iP	C	09 18 23.4				
29	iP	C	11 18 23.1				
29	iP	D	23 38 33.6				
KUNUNURRA (KNA)							
February.							
01-28			Station not operating.				
29	iP	D	09 31 51.0	1.0	1010mu	3.0	
29	iP	C	11 16 51.0				
29	eP		20 44 46				
29	eP		20 54 53				
	eS		55 48				
29	iP	C	20 57 11.4				
	eS		58 37				
29	iP		23 17 41.6				
	eS		18 59.5				

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Date, 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
KARRATHA (KAA)							
February.							
01			Nil				
02			Nil				
03	iP	D	08 43 15.2				
04			Nil				
05	iP	C	14 00 00.0				
	eS		03 08				
05	eP		16 22 29				Lake McKay
	eS		24 41				
06	iP	C	12 03 40.6				
06	iP	C	22 29 26.7				
	eS		31 02				
07			Nil				
08	eP		14 01 02				
	eS		03 46				
09			Nil				
10			Nil				
11	eP		21 10 43				
	eS		12 39				
12	iP	C	19 02 47.0				
13			Nil				
14	iP	C	23 38 25.3				
15	eP		01 34 20				
	eS		35 19				
16	iP	C	09 04 06.0				
16	eP		12 13 17				Lake McKay
	eS		14 53				MB = 5.5
16	iP	C	16 11 55.9				
	eS		13 35				
17	iP	D	00 46 16.1		0.7	139mu 2.3	
18			Nil				
19	iP	C	08 07 33.1				
20			Nil				
21			Nil				
22			Nil				
23			Nil				
24	eP		16 00 11				
25			Nil				
26			Nil				
27			Nil				
28			Nil				
29	eP		09 32 52				

P.J. Gregson,
Observer-in-Charge.

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Date 1972	Phase	Dir.	G.M.T.		Per. (sec.)	Amp.	LogA/T	
MUNDARING (MUN)								
March.								
01	iP	D	09 15 10.5		0.6	75mu	2.1	
				LZ	20.0	3 u		
				LN	20.0	1 u		
				LE	20.0	2 u		
01	iP	D	15 02 12.7					Manmanning
	iS		02 29.4					ML = 1.9
02	iP	D	11 03 52.5		0.7	49mu	1.8	
02	iP	D	19 45 03.6					Mawson
	iS		44 14.4					ML = 2.2
02	iP	C	20 21 09.4					
03			Nil					
04	iP	D	03 07 24.5		0.8	270mu	2.5	
04	eP		04 27 30					
05	eP		11 41 49	LZ	20.0	1 u		
06	eP		02 51 04					
06	iP	D	17 47 55.3					
07	eP		06 29 12					
07	iP	D	07 54 40.7					
07	iP	C	07 55 28.1					
07	eP		14 16 53					
08	eP		03 37 00					
08	iP	C	03 51 44.5		0.8	150mu	2.3	
08	iP	C	06 45 18.8					
08	iP	C	10 25 11.2					
08	iP	C	18 38 19.2					
09	eP		04 52 39					
09	eP		09 23 33					
10	eP		02 43 02					
10	iP	C	05 09 50.5					
11	iP	C	03 23 39.3		0.9	50mu	1.7	
	eS		27 52					
11	iPKP	D	04 10 24.7					
12	iP	D	02 20 35.6		0.3	50mu	1.1	Meckering
	iS		20.45.2					ML = 2.3
13	iP	D	14 43 16.1					Meckering
	iS		43 25.8					ML = 2.2
14	iP	D	00 58 16.8					
14	iP		03 55 49.3					Meckering
	iS		55 58.9					ML = 2.1
15	iP	C	05 05 32.6		0.8	162mu	2.4	
15	iP		16 26 35.0					Ballidu
	iS		26 52.0					ML = 2.2
15	eP		18 48 36					
16			Nil					
17	iP	D	00 30 25.8					
18	iP	C	23 28 45.1					
19	iP	C	07 12 19.2					Goomalling
	iS		12 32.8					ML = 2.8
19	iP	C	12 44 25.7					
19	iP	C	16 09 31.7		1.2	300mu	2.4	
20	eP		02 32 00					
20	iP	C	02 57 58.8					
20	ePKP		07 53 07					
20	iP	D	12 18 08.0					
20	iP	D	12 45 17.0					
20	iP	D	23 51 47.6					
21			Nil					
22	iP	C	03 45 43.2					
22	iP	D	10 40 15.5		1.4	540mu	2.6	

Date 1972	Phase	Dir.	G.M.T.		Per. (sec.)	Amp.	LogA/T	
MUNDARING (MUN) Cont.								
March.								
22	iP	C	12 43 11.0					
22	iP	D	16 03 51.4		1.0	140mu	2.1	
23	iP	D	07 27 38.1					
24	iP	C	06 16 47.9					
24	iP	D	15 47 42.8					
24	iP	D	17 25 10.5					
25	eP		05 36 57					
25	iP	C	12 23 24.0	LZ	20.0	140 u		
	iX		25 01.8	LN	20.0	57 u		
				LE	20.0	54 u		
25	iP	C	23 11 45.2					
26	iP	C	11 44 05.9					Meckering
	eS		44 15.4					ML = 2.1
27	eP		04 35 45					
27	iP	D	05 17 09.8					
27	iP	D	11 21 41.6		0.8	180mu	2.4	
27	eP		17 09 21					
27	iP	D	23 21 02.8					
28	iP	D	00 35 22.3					Meckering
	iS		35 30.8					ML = 3.4
29	iP	C	16 21 13.1		1.0	100mu	2.0	
30	iP	D	05 43 37.1					
	iS		50 46.5					
30	iP	D	07 12 53.2					
30	iP	D	16 06 46.5		1.0	96mu	1.9	
30	iP	D	23 23 12.5					
31	eP		08 52 11					
31	eP		14 16 37					
31	iP	C	15 49 41.7					
31	eP		18 16 20					
31	iP	C	21 05 44.6					
KALGOORLIE (KLG)								
March.								
01	iP	D	09 14 40.1					
01	iP	D	09 36 21.5					
01	iP	D	13 20 00.6					
02	iP	C	04 04 26.5					
02	iP	C	09 23 48.0					
02	iP	D	10 10 04.0					
02	iP	D	11 03 53.3					
02	iP	C	17 05 45.6					
02	iP	C	20 20 53.0		0.9	780mu	2.9	
03	eP		02 44 36					
04	iP	D	03 06 54.2		0.9	286mu	2.6	
04	iP	C	04 26 53.7					
04	eP		22 24 02					
05	iP	C	11 41 23.6					
06	iP	D	02 50 29.3					
06	eP		06 42 09					
06	eP		17 46 17					
06	eP		19 01 48					
06	eP		19 09 34					
07	eP		03 21 17					
07	iP	D	06 29 01.9					
07	iP	D	07 54 11.2					
07	iP	C	11 13 04.1					
07	iP	C	14 16 41.8					
07	eP		16 56 15					

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Date 1972	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T
KALGOORLIE (KLG) Cont.						
March.						
08	iP	D	03 36 32.9			
08	iP	C	03 51 18.8	1.0	1040mu	3.0
08	eP		06 44 44			
08	iP	D	18 38 11.0	1.0	93mu	1.9
08	iP	C	19 54 55.5	1.0	62mu	1.8
09	iP	D	09 23 05.2			
09	iP	D	18 17 32.7	1.0	70mu	1.8
10	iP	C	02 33 24.1			
11	iP	D	03 23 43.1	0.8	96mu	2.1
11	iPKP	C	04 10 18.3			
12			Nil			
13			Nil			
14	iP	C	00 58 00.0	1.0	300mu	2.5
15	iP	C	05 05 10.2			
15	eP		19 48 19			
16	eP		05 17 26	0.9	180mu	2.4
17	iP	D	00 29 55.0	1.2	180mu	2.4
17	iP	C	07 29 56.9			
17	iP	C	09 29 45.8			
18	iP	C	23 28 28.0	1.0	155mu	2.2
19	iP	C	12 43 49.4			
19	iP	C	16 09 17.2			
20	iP	D	01 55 52.5			
20	eP		02 57 31			
20	eP		05 11 52			
20	ePKP		07 53 02			
20	iP	C	13 18 20.1			
20	iP	C	13 45 04.1			
20	eP		23 01 55			
20	eP		23 51 17			
20	iP	C	23 52 56.4			
21			Nil			
22	eP		03 12 03			
22	iP	C	03 45 06.7			
22	iP	D	08 39 04.9			
22	iP	D	10 40 00.9			
22	iP	C	12 42 44.1			
22	eP		16 03 20			
23	eP		07 27 07 –			
23	iP	D	23 17 14.6			
24	eP		15 47 25			
24	iP	D	17 24 55.0			
25	eP		04 48 33			
25	iP	D	05 36 27.0			
25	iP	D	12 22 46.2			
25	eP		23 11 29			
26	iP	C	09 45 46.0			
26	eP		21 35 24			
27	eP		05 16 41			
27	iP	C	11 21 10.0			
27	eP		17 08 56			
27	eP		22 21 10			
27	iP	D	23 20 45.9			
28	iP	C	00 36 20.2			
28	eP		08 37 13			Meckering
28	iP	D	14 06 42.4			
28	eP		18 27 58			
28	iP	C	21 39 25.7			
29			No records			

International Seismological Centre

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T
KALGOORLIE (KLG) Cont.						
March.						
30	iP	D	05 43 06.7			
30	iP	D	07 12 22.8			
30	iP	D	16 06 16.2			
30	iP	C	23 22 35.7			
31	eP		15 49 53			
31	eP		21 56 56			
MEEKATHARRA (MEK)						
March.						
01	iP	D	09 15 00.6			
02	iP	C	02 55 54.0			
02	iP	C	04 04 23.0			
02	iP	C	09 38 33.4			
02	iP	C	12 19 01.0			
02	iP	C	18 45 37.7			
02	iP	C	20 20 32.3			
03			Nil			
04	iP	D	03 07 15.3	0.5	168mu	2.5
04	iP	D	04 27 09.4			
05			Record fogged.			
06	eP		02 50 46			
06	iP	C	05 42 01.3			
06	iP	C	06 42 20.4			
06	iP	C	19 01 32.4	0.3	3mu	1.0
07	iP	C	06 28 30.6			
07	iP	C	07 54 37.0			
07	eP		14 16 53			
08	eP		03 36 08			
	eS		40 22			
08	iP	C	03 50 53.5			
08	iP	D	18 37 27.6	0.5	50mu	2.0
	eS		41 03			
09	eP		04 40 49			
09	eP		04 51 48			
09	eP		09 22 36			
10			Nil			
11	eP		03 22 51			
	eS		26 07			
11	eP		04 10 29			
12			Nil			
13	iP	D	20 04 00.5			
14	iP	D	00 57 39.5			
15	iP	C	05 04 39.3			
15	iP	C	11 36 18.5			
15	eP		19 47 48			
16			Nil			
17	iP	D	00 30 18.3			
18	iP	C	23 28 08.0			
19	iP	C	00 56 26.0			
19	iP	C	16 08 57.5			
20	iP	C	02 57 01.1			
20	eP	07 53 18				
20	iP	C	13 44 21.9			
20	iP	C	23 01 11.3			
20	eP		23 45 06			
21	iP	C	14 41 34.0			
21	iP	D	15 05 51.6			
22	eP		03 11 50			
22	iP	C	03 45 20.6			

International Seismological Centre

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
MEEKATHARRA (MEK) Cont.							
March.							
22	iP	D	10 39 46.0				
22	eP		12 42 18				
	eS		46 27				
22	eP		14 46 50				
22	iP	C	16 03 42.2				
23			Nil				
24	eP		15 46 53				
25	iP	D	12 22 43.8				
26			Nil				
27	eP		05 15 54				
27	iP	C	11 21 30.0	0.5	72mu	2.2	
27	iP	D	23 20 13.1	0.7	265mu	2.6	
28	eP		01 27 03				Meckering
28	iP	C	08 36 40.5				
28	eP		14 07 09				
29	iP	D	16 20 37.9				
30	iP	D	05 43 31.0				
30	eP		07 12 47				
30	iP	C	16 06 40.2				
30	iP	C	23 22 31.2				
31			Nil				
KARRATHA (KAA)							
March.							
01-03			Nil				
04	iP	D	03 07 33.9				
05			Nil				
06	iP	D	19 01 07.5				
07	iP	D	07 55 01.5	1.0	260mu	2.4	
08	iP	C	03 35 30.7				
08	iP	C	03 50 15.5				
08	iP	C	18 36 22.1				
09	eP		09 21 56				
10	eP		02 42 24				
11	iP	C	03 21 32.0				
12-16			Nil				
17	iP	D	00 30 39.8				
18	iP	C	23 27 35.8	1.0	190mu	2.3	
19	iP	C	00 17 36.5				Local ML = 3.1
	eS		18 04				
19	iP	C	16 08 26.9	1.0	273mu	2.4	
20	eP		07 53 31				
20	eP		13 43 13				
20	iP	C	23 53 44.2				
21-23			Nil				
24	eP		15 46 07				
24	iP	C	17 23 34.8				
24	iP	D	19 37 28.9				
25	iP	D	12 22 32.6				
26			Nil				
27	iP	D	10 21 46.0				
27	eP		16 07 45				
28	eP		14 07 33				
28	iP	C	18 28 44.3				
29			Nil				
30	iP	D	05 43 52.7				
30	iP	D	16 07 02.3				
31	iP	C	07 43 31.5				
31	eP		21 06 00				
31	iP	D	21 51 12.1				

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Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T
KUNUNURRA (KNA)						
March.						
01	iP	C	01 27 14.7			
	eS		28 33			
01	iP	C	01 41 32.7			
	eS		42 53			
02	iP	C	12 04 01.7			
02	iP	C	17 49 57.2			
02	iP	C	21 18 59.9			
03-09			No records			
10	iP	D	00 38 13.0			
10	eP		03 28 46			
10	eP		05 00 05			
11	iP	C	00 58 08.6			
11	iP	D	03 22 53.4			
11	iP	C	03 42 15.3			
11	iP	C	17 42 04.8			
12	iP	C	00 42 35.0			
12	eP		02 42 14			
12	eP		09 23 56			
12	iP	C	11 54 31.4			
13	iP	C	05 48 47.6			
13	iP	C	06 15 18.2			
	eS		16 53			
13	iP	D	20 01 41.4			
	eS		03 28			
14	iP	C	00 56 07.1			
14	iP	D	04 14 55.4			
14	iP	C	07 25 16.2			
	eS		34 21.9			
14	iP	C	07 42 02.3			
14	eP		09 00 06			
14	eP		09 32 07			
14	eP		10 01 25.			
14	iP	D	12 27 26.9			
14	eP		12 42 46			
15	iP	C	05 02 22.4			
	eS		03 52			
15	iP	C	05 42 51.7			
	eS		45 07			
15	iP	C	06 20 06.4			
15	iP	D	15 06 55.0			
15	iP	D	19 46 03.4			
	eS		50 15			
16			Nil			
17	iP	C	00 29 34.9			
18	iP	C	23 26 35.3			
19	iP	D	00 54 31.4			
19	iP	C	04 12 34.2			
19	eP		05 32 54			
20	ePKP		07 53 24			
21			Nil			
22	iP	C	10 38 30.3			
22	iP	C	12 39 36.9			
23			Nil			
24			No record			
25	eP		00 29 36			
25	iP	D	01 06 45.0			
25	iP	D	01 51 55.1			
25	eP		02 58 41			
25	eP		05 35 52			

International Seismological Centre

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T

KUNUNURRA (KNA) Cont.

March.						
25	eP		08 18 37			
25	iP	C	12 20 43.0			
25	eP		16 43 26			
25	eP		16 52 30			
25	eP		19 34 27			
25	iP	D	23 09 50.0			
26	iP	D	04 20 53.1			
26	eP		05 59 52			
26	iP	D	08 01 43.5			
26	eP		08 08 52			
26	iP	D	09 45 12.7			
26	iP	C	11 34 52.2			
26	iP	D	12 45 25.6			
26	eP		16 19 10			
26	iP	C	18 17 18.3			
27	eP		01 05 03			
27	iP	C	05 14 33.1			
	eS		15 41			
27	eP		09 14 25			
27	iP	C	11 20 34.9			
27	iP	C	15 10 20.6			
27	iP	C	17 05 41.5			
	eS		07 24			
27	iP	C	22 18 07.5			
	eS		20 50			
27	iP	C	23 18 31.9			
	eS		21 35			
28	eP		00 46 29			
	eS		48 11			
28	eP		02 20 25			
28	eP		04 34 04			
28	eP		06 47 53			
28	eP		07 56 45			
28	iP	D	08 35 17.0			
28	eP		12 13 05			
28	iP	D	14 06 37.3			
28	iP	C	16 26 35.2			
	eS		28 07			
28	eP		17 57 25			
	eS		59 06			
28	eP		18 27 36			
29	eP		03 34 22			
29	iP	D	04 04 08.1			
	eS		05 40			
29	iP	D	04 52 25.1			
29	iP	D	09 13 30.3			
	eS		16 23			
29	eP		16 18 43			
29	eP		16 32 30			
30	eP		01 03 48			
	eS		05 30			
30	eP		02 40 41			
30	iP	C	05 42 48.8			
	eS		49 11			
30	iP	D	06 20 28.0			
30	iP	D	06 55 20.8			
30	iP	C	07 12 03.8			
30	iP	C	07 31 54.0			

International Seismological Centre

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T
KUNJNURRA (KNA) Cont.						
March.						
30	ePP					
30	iP	C	11 19 15			
30	iP	C	15 02 06.3			
30	eP		16 05 58.3			
30	eP		19 37 21			
30	eP		23 01 56			
31	eP		23 20 24			
31	eP		00 49 59			
31	iP	D	00 58 07			
31	eP		01 27 25.0			
31	eP		04 44 37			
31	eP		06 15 59			
31	iP	C	10 12 11			
	eS		12 54 36.1			
31	eP		57 13			
31	iP	D	14 14 21			
31	iP	D	16 53 26.0			
	eS		17 57 53.4			
31	eP		59 24			
31	iP	C	21 04 55			
	eS		21 49 11.6			
31	iP	C	50 42			
			23 39 14.5			

P.J. Gregson,
Observer-in-Charge.

International Seismological Centre

International Seismological Centre

COMMONWEALTH OF AUSTRALIA

Department of National Development

Bureau of Mineral Resources, Geology and Geophysics

MUNDARING GEOPHYSICAL OBSERVATORY

APRIL 1972

MUNDARING (MUN)

Latitude: 31°58.7'S Longitude: 116°12.5'E

Height: 253 Metres

Foundation: Precambrian granite

KALGOORLIE (KLG)

Latitude: 30°47' 01.2"S Longitude: 121°27' 28.9"E

Height: 350 Metres

Foundation Alluvium-covered Precambrian basic metasediments

MEEKATHARRA (MEK)

Latitude: 26°36'46"S Longitude: 118°32'42"E

Height: 515 Metres

Foundation: Archean Sedimentary rock

KARRATHA (KAA)

Latitude: 20°46.6'S Longitude: 116°51.5'E

Height: 15 Metres

Foundation: Precambrian volcanics

KUNUNURRA (KNA)

Latitude: 50°45.0'S Longitude: 128°46.0'E

Height: 55 Metres

Foundation: Unweathered upper Devonian sandstone.

All correspondence relating to these seismographs should be addressed to:-

Observer-in-Charge,
Geophysical Observatory,
MUNDARING. 6073

International Seismological Centre

INSTRUMENTATION

MUNDARING

World wide standard seismograph system No. 44

Nominal magnification	S,P-Z, N, E	25000 at 1 second
	LP-Z	750 at 15 seconds
	LP-N, E	375 at 15 seconds

	Component	Seismometer	Galvanometer	Magnification
KALGOORLIE	SP-Z	Willmore Mk2 To = 1.0	Geotech G10 Tg = 0.75	15,800 at 1 second
	SP-SW	Willmore Mk2 To = 1.0	Geotech G10 Tg = 0.25	16,500 at 1 second
	SP-NW	Willmore Mk2 To = 1.0	Geotech G10 Tg = 0.25	16,500 at 1 second
MEEKATHARRA	SP-Z	Willmore Mk2 To = 1.0	Geotech G10 Tg = 0.75	9,000 at 1 second
KARRATHA	SP-Z	Willmore Mk2 To = 1.0	Geotech G10 Tg = 0.75	31,000 at 1 second
KUNUNURRA	SP- Z	Willmore Mk1 To = 1.0	Willmore Tg = 0.25	20,000 at 1 second

Timemarks for all stations other than Mundaring are normally supplied from an EMI crystal clock controlled by VNG or ABC radio pips.

Magnification curves are available on request.

International Seismological Centre

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
MUNDARING (MUN)							
April.							
01	iP	D	02 33 52.8				
01	iP	D	11 10 37.5				
01	iP	C	13 33 24.3				
01	iP	C	15 37 41.6				Manmanning
	iS		37 58.4				ML = 2.1
01	iP	D	15 52 20.0				
01	iP	C	18 15 25.4				
01	iP	C	20 37 14.6				
	eS		41 24				
01	iP	D	21 44 27.1				
01	iP	D	23 58 50.7	LZ	20.0	77 u	
				LN	20.0	31 u	
				LE	20.0	51 u	
02	eP		00 25 13				
02	iP	D	00 46 28.9				
02	iP	D	02 49 17.0				
02	iP	D	03 46 26.6				
02	eP		04 58 07				
02	iP	C	09 12 06.2		1.0	520mu 2.7	
02	eP		14 43 12				
02	iP	C	15 47 25.1				
02	eP		21 38 54				
02	iP	D	23 45 32.3				Manmanning
	iS		45 49.0				ML = 2.1
03	iP	D	09 19 32.6				
03	iP	D	09 40 53.1				
	eS		41 03.5				Meckering
03	iP	C	09 47 43.1				ML = 2.1
03	ePKP		19 12 42				
03	ePKP		20 56 09				
04	iP	C	22 48 07.0		0.8	390mu 2.7	
05	iP	C	04 17 13.0				
05	eP		07 43 02				
05	iP	D	15 24 22.4				
06	iP	D	03 33 37.7		1.0	340mu 2.5	
06	iPKP	C	15 45 31.2				
07	eP		00 10 11	LZ	20.0	23 u	
				LN	20.0	11 u	
				LE	20.0	11 u	
07	eP		08 16 45				
	eS		19 29				250km W Broome
07	eP		22 12 20				mB = 4.8
	eS		14 59				Lake McKay
08	eP		05 14 48				mB = 4.6
08	iP	D	09 44 02.1				
08	iP	D	10 08 51.7		0.9	70mu 1.9	
08	iP	D	21 27 08.5				
09	iP	C	04 22 53.5		1.2	480mu 2.6	
09	iP	C	10 56 00.3				
09	iP	C	20 50 10.5				
10	iP	C	02 19 27.3				
11			Nil				
12	eP		22 16 33				Marble Bar
	eS		18 33				mB = 4.9
13	eP		03 57 28				
13	iP	D	09 25 00.3				Meckering
	iS		25 09.8				ML = 2.2

Date 1972	Phase	Dir.	G.M.T.		Per. (sec.)	Amp.	LogA/T	
MUNDARING (MUN)			Cont.					
April.								
14	iP	D	02 38 54.5					
14	iP	D	03 34 09.2					
15	iP	C	07 37 01.5					
15	eP		15 50 50					
15	iP	D	17 29 40.4					
16	eP		01 34 36					
16	eP		04 41 40					
16	eP		10 30 33					
17	iP	C	08 58 35.4					
17	eP		10 45 46.7					
18	iP	D	14 40 11					
18	eP		01 57 34.0					
	eS		22 24 56					
19			28 25		0.5	5mu	1.0	South Australia mB = 4.9
20	eP		Nil					
	eS		09 31 27					
20	iP	D	32 59					70km SE Mt. Tom Price mB = 4.0
	eS		10 22 27.0					Meckering, felt ML = 2.4
21	eP		22 36.2					
21	eP		01 36 53					
	eS		05 14 44					
21	iP	C	18 24					
			13 35 51.0	LZ	20.0	6 u		
				LN	20.0	1 u		
				LE	20.0	3 u		
22	eP		07 56 37					
	eS		57 04					Mukinbudin ML = 2.5
22	eP		13 47 55		0.3	25mu	1.9	Mukinbudin ML = 3.3
	eS		48 22					Mukinbudin ML = 2.3
22	eP		14 08 35					
	eS		09 02					Mukinbudin ML = 2.0
22	eP		21 17 38					
23	[illegible]		06 17 03					
	eS		17 29					
23	eP		20 45 57					
23	eP		23 45 17					
24	iP	D	02 13 20.5					
24	iP	C	10 06 53.3	LZ	20.0	57 u		
				LN	20.0	26 u		
				LE	20.0	37 u		
24	eP		11 41 41					
24	iP	C	12 10 02.5					
25	eP		17 37 18					
25	eP		19 25 22					
25	eP		19 38 21	LZ	20.0	248 u		
				LN	20.0	206 u		
				LE	20.0	126 u		
25	eP		20 54 53					
26	iP	C	01 41 39.5					
26	eP		06 27 01					
26	iP	C	12 26 47.5					
26	iP	D	12 30 40.0		0.9	90mu	2.0	
26	eP		16 04 20					
26	eP		17 43 22					
26	iP	D	20 57 50.1					
26	eP		21 43 08					
27	iP	D	01 37 50.8					

Date 1972	Phase	Dir.	G.M.T.	Per (sec.)	Amp.	LogA/T	
MUNDARING (MUN) Cont.							
April.							
27	eP		05 25 21				
27	eP		11 54 48				
	eS		58 12				South Australia
27	iP	D	19 50 58.5				mB = 5.2
28	iP	C	11 39 32.2	0.8	40mu	1.7	
28	iP	C	23 39 43.0				
29	iP	D	15 43 59.0				
	iS		45 08.7				Meckering
29	iP	D	23 14 44.1				ML = 2.2
30	eP		13 10 02				
30	eP		15 23 49				
30	eP		16 15 22				
KALGOORLIE (KLG)							
April.							
01	iP	D	02 33 31.6				
01	iP	C	11 10 07.1				
01	iP	C	13 32 47.5				
01	iP	D	20 37 02.3				
01	iP	C	23 27 28.1				
01	iP	D	23 58 29.3				
02	eP		00 24 52				
02	iP	D	00 46 07.5				
02	eP		02 48 41				
02	eP		03 46 36				
02	eP		04 57 32				
02	iP	D	08 31 24.3				
02	iP	C	09 11 35.7	0.8	146mu	2.3	
02	eP		21 38 18				
03	eP		09 19 46				
03	iP	C	09 47 25.4				
03	eP		19 12 50				
03	eP		20 56 12				
04	iP	C	22 47 45.5	0.8	920mu	3.0	
04	iP	C	23 21 00.7				
05			Nil				
06	iP	D	03 33 49.9	1.0	340mu	2.5	
06	eP		14 42 56				
07	eP		00 09 55				
07	eP		08 16 24				250km NW Broome
08	eP		10 08 16				mB = 4.5
09	iP	C	04 22 58.1				
10	iP	C	02 19 40.9				
11			Nil				
12	eP		22 16 15				
	eS		17 55				Marble Bar
13	eP		03 57 00				mB = 4.9
14			Nil				
15	iP	C	07 36 26.6	1.0	124mu	2.0	
15	iP	C	11 04 59.5				
15	iP	D	17 29 13.5				
16	eP		01 34 50				
16	eP		04 41 23				
17	iP	C	10 59 08.5				
17	iP	C	14 39 33.2	0.9	21mu	1.4	
18	iP	D	01 56 58.5				

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
KALGOORLIE (KLG) Cont.							
April.							
18	iP	C	03 34 15.1	0.6	97mu	2.2	
18	iP	C	22 24 00.9	1.0	56mu	1.7	South Aust.
	eS		26 40				mB = 5.5
19	eP		02 31 29				
20			Nil				
21	iP	D	01 36 49.7				
21	iP	C	05 14 41.6				
21	eP		13 35 24				
22	iP		07 56 42.3				Mukinbudin
	eS		57 19.5				mB = 3.5
22	iP	C	13 48 00.6	0.4	29mu	1.9	Mukinbudin
	iS		48 38.0				mB = 4.3
22	iP		14 08 40.5				Mukinbudin
	eS		09 17.5				mB = 3.7
22	iP	D	21 17 21.3				
23	eP		20 46 07				
23	eP		23 44 41				
24	iP	D	01 44 13.2				
24	iP	D	02 12 50.0				
24	iP	D	02 58 40.3				
24	iP	D	10 06 42.5				
24	iP	D	11 41 30.7				
24	iP	C	12 09 51.3				
24	iP	D	18 07 53.6				
25			No record				
26	iP	C	01 41 06.4	0.9	230mu	2.5	
26	iP	D	04 38 20.7				
26	iP	D	06 26 50.0				
26	iP	D	06 51 45.9				
26	eP		08 46 36				
26	iP	C	12 26 11.6				
26	iP	D	12 30 09.0				
26	eP		16 04 01				
26	eP		16 09 15				
26	iP	D	17 43 11.6	1.0	93mu	2.0	
26	iP	C	17 54 09.3				
26	iP	D	20 57 31.1				
26	eP		21 42 56				
27	iP	C	01 37 39.3	1.1	180mu	2.2	
27	eP		05 25 22				
27	eP		05 58 09				
27	iP	C	06 52 32.0				
27	eP		11 53 51	0.5	5mu	1.0	South Aust.
	eS		56 28				mB = 4.8
27	iP	D	14 45 18.6				
27	eP		15 43 39				
27	eP		16 05 29				
27	eP		19 30 19				
27	iP	C	19 36 43.6				
27	iP	D	19 50 27.7				
27	eP		22 53 34				
28	iP	C	11 39 40.1				
28	iP	C	23 39 07.5				
29	eP		08 27 32				
29	eP		23 14 07				
30	eP		00 21 30				
30	eP		13 09 58				
30	iP	C	15 23 37.6	0.9	156mu	2.3	

International Seismological Centre

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
KALGOORLIE (KLG) Cont.							
April.							
30	eP		16 15 11				
MEEKATHARRA (MEK)							
April.							
01	eP		02 34 10				
01	iP	C	07 23 43.7				
01	iP	D	11 10 28.5				
01	iP	D	13 32 50.0				
01	iP	C	18 14 35.4				
01	iP	C	20 37 17.0				
	eS		39 09				
01	iP	C	23 27 36.0				
01	iP	[illegible]	23 59 08.0				
02	eP		00 25 31				
02	eP		00 46 46				
02	eP		02 48 44				
02	eP		03 46 08				
02	eP		04 57 54				
02	eP		08 30 53				
02	iP	C	09 11 54.9				
02	eP		11 39 32				
02	iP	C	14 43 01.0				
02	iP	C	15 47 13.9				
02	eP		21 38 31				
03	eP		04 11 55				
03	iP	D	09 19 23.2				
03	eP		09 47 05				
03	eP		11 49 30				
03	ePKP		19 12 36				
03	iPKP	D	20 56 00.2				
04	iP	C	22 47 15.1				
05	iP	D	07 37 45.3				
	eS		40 55				
05	iP	D	15 23 33.4				
06	iP	D	03 34 04.7				
07	eP		08 15 28				250km NW Broome
	eS		17 15				mB = 4.4
07	eP		22 11 00				Lake McKay
	eS		12 43				mB = 3.5
08	eP		07 52 59				Lake McKay
	eS		54 29				mB = 3.7
08	iP	D	10 08 15.2				
08	iP	C	21 26 09.6				
09	iP	C	04 22 31.2				
10	iP	C	02 19 18.5				
10	iP	C	11 33 28.6				
11			Nil				
12	eP		22 15 13				Marble Bar
	eS		16 18				mB = 4.1
13	iP	C	03 56 37.8				
13	eP		09 17 40				
14	iP	D	18 20 17.8				
15	iP	C	07 36 48.1				
15	iP	C	15 49 54.3				
15	iP	C	17 28 47.7				
16	eP		04 40 42				
16	iP	C	20 50 16.3				
16	eP		22 40 57				

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Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
MEEKATHARRA (MEK) Cont.							
April.							
17	iP	D	08 57 46.0				
17	eP		10 32 38				
17	iP	C	10 45 18.5				
17	eP		10 58 38				
17	eP		11 10 34				
17	eP		12 28 04				
17	eP		14 39 37				
17	eP		17 13 20				
18	iP	D	01 57 20.1				
18	iP	C	03 34 21.8				
18	iP	C	13 20 27.4				
18	iP	D	18 30 04.6				
18	iP	D	18 39 07.3				
18	iP	D	22 24 46.0	0.3	4mu	1.1	South Australia
	eS		28 00				mB = 5.0
19	eP		03 44 33				
19	iP	C	10 28 37.0				
19	eP		11 30 52				
20	eP		09 30 13				
							70km SE Mt.Tom
21	eP		01 35 50				Price mB = 3.2
	eS		38 40				
22	eP		07 32 56				
22	eP		07 57 04				
	oS		57 52				Mukinbudin
22	eP		10 12 20				mB = 4.0
22	iP	C	13 26 10.4	0.3	9mu	1.5	
22	eP		13 48 21				
	eS		49 07				Mukinbudin
22	eP		14 09 03				mB = 4.5
	eS		09 50				Mukinbudin
22	eP		21 16 50				mB = 3.1
23	eP		20 45 24				
23	eP		21 32 27				
23	eP		23 45 00				
24	iP	D	02 13 11.1	0.3	10mu	1.5	
24	eP		02 59 09				
24	iP	C	10 06 11.9				
24	eP		11 41 00				
24	eP		12 09 20				
24	iP	D	18 07 23.4				
24	iP	C	19 31 39.6				
25	eP		19 24 30				
25	iP	C	19 37 37.5				
25	eP		19 57 27				
25	iP	C	20 04 03.5				
25	iP	C	20 45 15.0				
25	iP	C	20 54 08.1				
25	eP		21 32 50				
26	eP		00 43 42				
26	iP	C	01 41 25.5				
26	eP		03 04 44				
26	eP		04 24 10				
26	eP		04 37 47				
26	iP	C	06 26 17.0				
26	iP	C	06 51 11.4				
26	iP	D	08 46 02.5				

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
MEEKATHARRA (MEK) Cont.							
April.							
26	iP	D	12 30 31.3				
26	iP	C	13 37 24.5				
26	eP		15 03 07				
26	iP	D	16 03 29.0				
26	iP	D	17 42 38.2				
26	eP		17 46 20				
26	iP	C	17 53 35.9				
26	iP	D	18 46 22.5				
26	iP	D	20 57 01.3				
26	eP		21 42 23				
27	eP		00 12 11				
27	iP	C	01 32 06.0				
27	eP		05 24 21				
	eS		27 11				
27	eP		06 51 59				
27	eP		10 20 27				
27	eP		11 31 54				
27	eP		11 54 35	0.3	1mu	0.5	South Australia mB = 4.4
	eS		57 48				
27	eP		14 44 45				
27	eP		15 49 45				
27	eP		16 04 55				
27	eP		19 29 49				
27	eP		19 36 19				
27	iP	D	19 50 49.6				
28	eP		06 02 04				
28	eP		11 02 12				
28	iP	C	16 39 03.9	0.7	212mu	2.5	
28	iP	C	23 39 09.2				
29	eP		00 00 55				
29	eP		00 06 17				
29	iP	C	08 27 11.8				
29	eP		23 14 10				
30	eP		00 20 56				
30	eP		13 08 58				
30	eP		13 23 16				
30	eP		14 46 40				
30	iP	C	15 23 04.0				
30	iP	D	16 14 38.3				
KARRATHA (KAA)							
April.							
01	iP	C	20 35 02.0				
	eS		37 02				
01	eP		23 27 37				
01	iP	C	23 59 50.8				
02	iP	D	00 26 14.0				
02	iP	C	00 47 30.1				
02	iP	D	02 48 41.4				
02	iP	C	04 58 14.2				
02	iP	C	09 12 10.8				
02	eP		14 43 16				
02	iP	D	15 47 30.0				
02	eP		21 38 40				
03	eP		11 49 41				
	eS		54 29				
04	iP	C	22 46 29.7				
05-09			Nil				

International Seismological Centre

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
KARRATHA (KAA) Cont.							
April.							
10	eP		02 18 55				
11			Nil				
12	eP		22 14 29				Marble Bar
	eS		15 12				mB = 5.0
13			Nil				
14	eP		18 19 16				
15	iP	C	17 28 09.5				
16	eP		22 40 00				
17	iP	D	10 57 54.8				
18	iP	C	22 25 34.0	0.9	41mu	1.6	South Australia
	eS		29 30				mB = 5.6
19			Nil				
20	eP		09 30 05				70km SE Mt. Tom
	eS		30 38				Price mB = 3.9
21	eP		01 34 38				
21	eP		13 35 55				
22			Nil				
23	eP		20 44 30				
24	iP	C	10 05 28.5				
24	iP	D	11 40 16.4				
24	iP	D	18 06 41.0				
25	eP		19 36 49				
25	iP	D	12 30 51.3	0.9	176mu	2.3	
26	iP	D	20 56 17.2				
27	eP		19 29 05				
28	iP	C	23 39 03.2				
29	iP	C	23 14 06.8				
30	eP		15 22 17				
KUNUNURRA (KNA)							
April.							
01	eP		00 31 20				
01	eP		02 34 30				
01	eP		07 21 49				
01	iP	C	11 09 39.5				
01	eP		12 17 21				
01	eP		13 05 23				
01	iP	D	13 30 58.7				
01	eP		14 57 57				
01	iP	C	15 21 37.5	1.0	50mu	1.7	
01	iP	C	15 39 26.1				
01	eP		18 12 50				
01	eP		20 35 01				
	eS		37 14				
01	eP		21 43 33				
01	eP		23 25 55				
01	iP	C	23 59 28.5				
02	iP	C	00 24 15.0				
	eS		24 45				
02	eP		00 25 51				
02	iP	C	00 42 52.0				
	eS		44 25				
02	iP	C	00 47 06.5				
02	iP	C	02 46 56.9				
	eS		51 27				
02	iP	D	03 45 57.1				
02	iP	C	04 56 56.2				

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
KUNUNURRA (KNA) Cont.							
April.							
02	eP		08 29 14				
02	iP	D	09 10 59.2				
02	eP		10 32 27				
02	eP		11 37 40				
02	eP		13 15 34				
02	eP		14 42 05				
02	iP	C	15 46 18.4				
02	eP		17 34 03				
02	eP		18 29 59				
02	eP		20 30 27				
02	eP		21 16 38				
02	eP		21 37 05				
03	eP		01 20 02				
03	eP		04 10 13				
03	iP	D	04 54 41.9				
	eS		56 10				
03	iP	C	06 05 22.0				
03	eP		08 37 47				
	eS		39 25				
03	iP	D	09 19 33.0				
03	iP	C	09 45 32.7				
03	eP		11 46 58				
	eS		49 49				
03	eP		15 47 46				
03	iP	C	18 58 33.7				
03	iP	C	19 01 13.5				
03	iP	C	20 25 04.3				
	eS		26 33				
04	iP	C	13 44 46.3				
04	iP	C	15 36 39.4				
04	iP	C	22 45 13.0				
05	iP	C	07 36 32.1				
	eS		38 40				
05	iP	D	09 18 10.5				
05	iP	C	15 21 45.8				
06	iP	C	05 17 06.5				
06	eP		08 04 20				
06	iP	C	14 41 09.2				
06	iP	C	15 45 43.7				
06	eP		16 11 12				
06	eP		16 30 25				
	eS		31 50				
06	eP		20 56 48				
	iS		58 12.1				
07	eP		00 11 12				
07	eP		01 20 41				
07	eP		08 15 00				250km NW Broome
	eS		16 22				mB = 4.8
07	eP		22 09 48				Lake McKay
	eS		10 38				mB = 4.7
08	eP		02 52 49				Lake McKay
	eS		54 22				mB = 4.5
08	iP	C	09 42 46.5				
08	iP	C	10 06 18.5				
08	iP	C	10 25 44.0				
08	iP	C	00 39 19.5				
08	iP	C	21 23 55.4				
	iS		25 19.6				

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
KUNUNURRA (KNA) Cont.							
April.							
09	iP	D	01 04 02.0				
	eS		05 52				
09	iP	C	03 31 34.3				
	eS		32 59				
09	iP	D	04 22 04.0				
09	iP	D	05 48 46.4				
10	iP	D	02 19 30.1				
10	eP		02 55 04				
10	eP		04 01 28				
10	iP	C	09 44 10.0				
10	eP		14 46 37				
10	eP		15 43 39				
10	eP		22 13 00				
11	eP		02 19 25				
	eS		20 53				
11	ePKP		02 41 05				
11	eP		09 20 30				
11	eP		11 44 35				
11	eP		13 01 33				
11	eP		14 24 13				
11	iP	C	16 34 11.4				
11	eP		19 02 19				
12	eP		01 07 12				
12	eP		01 26 25				
12	eP		01 52 31				
12	iP	C	05 21 10.0				
12	eP		08 43 11				
12	iP	C	10 09 11.9				
12	eP		10 43 39				
12	eP		14 57 25				
12	eP		21 10 22				
12	eP		22 16 04				Marble Bar
	eS		17 46				mB = 4.6
12	iP	C	23 20 25.5				
12	eP		23 31 40				
13	iP	D	01 22 42.6				
13	iP	D	03 53 54.1				
	eS		55 54				
13	eP		04 47 34				
13	iP	D	08 00 00.5				
	eS		01 36				
13	iP	D	09 14 48.3				
	eS		16 16				
13	eP		14 59 47				
13	iP	D	19 24 11.7				
14	eP		02 28 19				
14	eP		05 51 33				
14	eP		12 13 56				
14	iP	C	13 05 32.7				
14	iP	C	18 20 27.4				
15	iP	D	07 35 48.2	0.9	194mu	2.3	
15	iP	D	11 02 10.6	0.7	229mu	2.6	
	eS		04 58				
15	iP	C	15 47 13.6				
	eS		48 38				
15	iP	C	17 26 04.1				
	eS		27 35				
15	eP		23 45 38				

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Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
KUNUNURRA (KNA) Cont.							
April.							
16	eP		01 34 17				
16	eP		04 02 32				
16	iP	C	04 38 45.4				
	eS		40 37				
16	eP		10 29 33				
16	eP		12 23 24				
16	iP	C	13 01 16.4				
16	eP		17 37 15				
	eX		39 37				
16	iP	D	20 48 32.7	0.7	98mu	2.2	
16	iP	C	22 39 24.0				
16	eP		23 49 43				
17	iP	C	01 51 22.9				
17	iP	C	04 33 13.5				
17	eP		05 53 33				
17	iP	C	06 01 33.4				
17	iP	D	07 54 23.4				
17	iP	D	08 56 05.2				
17	iP	D	10 44 49.3				
17	iP	C	10 57 15.7				
17	iP	C	14 10 55.0				
17	eP		14 37 47				
17	eP		20 28 58				
18	iP	C	00 53 38.2				
18	eP		01 53 16				
18	iP	C	01 56 19.2	0.9	100mu	2.0	
18	iP	D	03 32 39.0	0.9	70mu	1.9	
18	iP	C	12 23 18.5				
18	eP		13 17 48				
18	eP		13 29 47				
18	iP	C	18 13 04.8				
18	iP	C	18 32 03.8				
18	eP		18 40 23				
18	eP		19 49 16				
18	iP	C	19 53 38.4				
18	iP	C	22 24 47.8	0.8	22mu	1.5	South Australia mB = 5.4
	eS		27 57				
19	eP		03 56 09				
19	eP		07 20 29				
19	eP		11 05 29				
19	iP	C	16 32 11.0				
19	iP	C	17 16 40.1				
	iS		18 16.0				
19	eP		18 33 24				
	eX		34 54				
20	iP	D	03 20 55.2				
20	eP		03 45 28				
20	eP		09 32 19				70km SE Mt. Tom Price mB = 4.5
20	eP		11 43 22				
20	iP	C	17 10 52.1				
20	eP		18 56 37				
20	eP		19 00 50				
20	eP		23 15 15				
21	eP		01 35 38				
21	eP		05 14 26				
21	eP		07 55 35				
21	eP		08 16 06				

International Seismological Centre

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
KUNUNURRA (KNA) Cont.							
April.							
21	eP		10 28 14				
21	iP	C	10 36 29.9				
	eS		37 57				
21	eP		11 26 01				
21	iP	C	12 22 49.3				
21	iP	C	13 28 13.4				
21	eP		13 34 43				
21	iP	D	17 25 26.6				
22	eP		07 00 08				
22	iP	D	13 24 59.0				
22	iP	C	21 15 09.0				
23	eP		01 01 37				
23	eP		02 49 32				
23	eP		03 39 09				
23	iP	C	10 25 30.2				
23	eP		10 58 15				
23	eP		16 23 21				
23	iP	D	20 45 34.7				
23	eP		21 30 32				
23	iP	C	23 43 46.7				
24	eP		00 04 12				
24	iP	C	02 12 21.4	0.6	370mu	2.8	
24	iP	C	02 58 42.2				
24	iP	D	10 04 51.0				
24	eP		11 39 39				
24	eP		16 08 31				
24	eP		16 25 26				
24	eP		18 06 00				
24	iP	C	18 42 41.5				
24	iP	D	19 39 50.1	0.6	60mu	2.0	
25	eP		03 06 09				
25	eP		10 11 09				
25	iP	D	12 12 04.0				
25	eP		17 34 08				
	eS		37 02				
25	iP	C	19 21 47.0				
	eS		23 01				
25	iP	C	19 36 15.6				
26	iP	C	01 40 22.6				
26	iP	D	01 46 00.0				
26	iP	D	02 19 10.5				
	eS		20 47				
26	eP		06 00 32				
26	eP		06 24 54				
26	iP	C	12 29 44.2				
26	eP		17 41 15				
26	iP	C	20 55 14.3				
27	iP	C	01 35 43.5				
27	eP		06 50 36				
27	eP		10 28 17				
27	eP		10 55 35				
27	eP		11 54 35	0.4	3mu	0.9	South Australia mB = 4.8
	eS		57 41				
27	eP		15 10 41				
27	iP	C	19 28 26.5	1.0	192mu	2.3	
27	iP	C	19 33 36.7	0.6	890mu	3.2	
	eS		35 33				

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T
KUNUNURRA (KNA) Cont.						
April.						
27	iP	C	19 50 02.4	0.9	431mu	2.7
28	eP		07 20 55			
28	iP	D	09 08 00.4			
28	iP	C	10 59 27.3			
	eS		11 01 16			
28	iP	D	11 38 44.7			
28	iP	D	11 40 19.2			
28	iP	C	23 17 35.2			
28	iP	D	23 37 18.9	0.5	360mu	2.9
29	eP		05 15 31.5			
29	eP		06 06 03			
29	eP		06 30 45			
29	iP	D	08 25 39.4			
29	eP		15 23 25			
	eS		26 54			
29	iP	C	23 12 21.0			
30			No record			

P.J. Gregson,
Observer-in-Charge.

International Seismological Centre

International Seismological Centre

COMMONWEALTH OF AUSTRALIA

Department of National Development

Bureau of Mineral Resources, Geology and Geophysics

MUNDARING GEOPHYSICAL OBSERVATORY

MAY & JUNE 1972

MUNDARING (MUN)

Latitude: 31°58.7'S Longitude: 116°12.5'E

Height: 253 Metres

Foundation: Precambrian granite

KALGOORLIE (KLG)

Latitude: 30°47' 01.2"S Longitude: 121°27' 28.9"E

Height: 350 Metres

Foundation Alluvium-covered Precambrian basic metasediments

MEEKATHARRA (MEK)

Latitude: 26°36'46"S Longitude: 118°32'42"E

Height: 515 Metres

Foundation: Archean Sedimentary rock

KARRATHA (KAA)

Latitude: 20°46.6'S Longitude: 116°51.5'E

Height: 15 Metres

Foundation: Precambrian volcanics

KUNUNURRA (KNA)

Latitude: 50°45.0'S Longitude: 128°46.0'E

Height: 55 Metres

Foundation: Unweathered upper Devonian sandstone.

All correspondence relating to these seismographs should be addressed to:-

Observer-in-Charge,
Geophysical Observatory,
MUNDARING. 6073

INSTRUMENTATION

International Seismological Centre

MUNDARING

World wide standard seismograph system No. 44

Nominal magnification	S,P-Z, N, E	25000 at 1 second
	LP-Z	750 at 15 seconds
	LP-N, E	375 at 15 seconds

	Component	Seismometer	Galvanometer	Magnification
KALGOORLIE	SP-Z	Willmore Mk2 To = 1.0	Geotech G10 Tg = 0.75	15,800 at 1 second
	SP-SW	Willmore Mk2 To = 1.0	Geotech G10 Tg = 0.25	16,500 at 1 second
	SP-NW	Willmore Mk2 To = 1.0	Geotech G10 Tg = 0.25	16,500 at 1 second
MEEKATHARRA	SP-Z	Willmore Mk2 To = 1.0	Geotech G10 Tg = 0.75	9,000 at 1 second
KARRATHA	SP-Z	Willmore Mk2 To = 1.0	Geotech G10 Tg = 0.75	31,000 at 1 second
KUNUNURRA	SP- Z	Willmore Mk1 To = 1.0	Willmore Tg = 0.25	20,000 at 1 second

Timemarks for all stations other than Mundaring are normally supplied from an EMI crystal clock controlled by VNG or ABC radio pips.

Magnification curves are available on request.

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
MUNDARING (MUN)							
May.							
01	iP	C	03 43 11.3				
01	eP		10 43 51				
01	iP	D	18 53 27.0				
01	iP	D	19 14 20.6				
01	eP		19 52 00				
02	eP		00 54 05				
02	iP	D	03 17 10.0				
02	iPKP	C	07 15 44.8				
02	iP	D	08 00 07.6				
02	iP	D	11 54 15.0				Meekering
	iS		54 24.3				ML = 2.2
02	iP	D	11 54 54.8				Meekering
	iS		55 04.1				ML = 2.0
02	iP	C	15 45 18.0				
02	iP	D	22 04 22.0				Meekering
	iS		04 31.4				ML = 2.3
03	iP	D	06 24 16.4				Meekering
	iS		24 25.6				ML = 2.1
03	eP		07 19 07				
03	eP		13 14 56				
03	iP	C	18 57 24.0				
03	eP		20 18 23				
04	eP		01 31 16				
04	iP	D	04 01 32.1	0.9	65mu	1.8	
04	iP	C	04 16 18.2	LZ 20.0	3 u		
	eS		20 00	LN 20.0	7 u		
				LE 20.0	5 u		
04	iP	D	06 46 15.0	0.9	47mu	1.7	
04	iP	C	07 57 02.0	1.0	800mu	2.9	
	eS		08 04 08	LZ 20.0	66 u		
				LN 20.0	31 u		
				LE 20.0	37 u		
05	eP		10 25 38				
05	iP	C	10 32 17.2				
05	iP	D	19 51 22.0				
05	iP	C	23 24 32.6	LZ 20.0	86 u		
				LN 20.0	43 u		
				LE 20.0	46 u		
06	iP	C	02 39 45.0	0.3	1mu	0.4	
	eS		41 23				
07	eP		13 25 07				
07	iP	C	16 47 42.9	1.1	800mu	2.0	
07	iP	D	17 29 13.1	1.0	60mu	1.7	
07	eP		22 18 13				
08	iP	C	06 26 07.9	0.9	70mu	1.9	
08	eP		08 41 16				
08	iP	D	15 27 06.4				Meekering
	iS		27 16.0				ML = 2.9
08	iP	C	16 25 27.0				
08	iP	C	16 47 25.3				
08	iP	D	18 30 12.8				
08	iP	D	18 51 07.1				
09	eP		05 59 46				
09	iP	D	12 29 35.1				
09	iP	D	13 20 06.9				
10	iP	C	04 29 10.0				
10	iP	D	05 18 03.3	1.0	56mu	1.7	

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
MUNDARING (MUN) Cont.							
May.							
10	iP	D	05 56 13.8				
10	iP	C	12 58 23.3				
10	iPKP	C	17 49 55.5				
11	iP	C	03 57 35.6				
11	iP	C	08 07 57.5				
11	eP		20 55 33				
11	iP	D	21 27 28.0				
12	eP		01 31 04				
12	iP	C	06 24 55.5				
12	iP	C	16 40 35.4				
	e		41 08				
13	eP		06 04 27				
13	eP		06 07 32				
13	eP		09 32 57				
13	eP		10 25 19				
14	iP	C	05 09 33.0				
14	iP	C	10 30 19.5				
15	eP		00 55 12				
15	eP		03 05 28				
15	eP		06 16 54				
15	iP	D	09 41 43.8	0.7	600mu	2.9	
16	eP		16 41 21				
17	eP		02 52 35				
17	iP	C	02 57 11.6				
17	iP	D	03 04 24.5				
17	iP	D	05 36 06.8				
17	eP		14 45 47				
17	eP		17 45 00				
18	iP	C	02 55 17.0				York
	iS		55 26.1				ML = 2.0
19	iP	D	22 43 48.9				York
	iS		43 58.0				ML = 2.1
20	eP		00 41 25				
20	eP		02 43 29	LZ	20.0	11 u	
				LN	20.0	0 u	
				LE	20.0	7 u	
20	eP		03 49 03				Wilkinson Range
	eS		50 28				MB = 4.1
20	eP		11 07 38				
21	iP	C	04 20 59.9				
21	iP	C	06 10 53.0				
22	iP	C	06 12 40.6	LZ	20.0	31 u	
				LN	20.0	26 u	
				LE	20.0	26 u	
22	eP		11 27 32				
22	iP	D	16 38 01.9				Mooloring
	iS		38 10.4				ML = 2.5
22	iP	D	20 56 01.0	1.0	1280mu	3.1	
23	iP	D	06 44 04.4				
24	eP		00 59 17				
24	iP	D	11 34 49.8	LZ	20.0	23 u	
				LN	20.0	6 u	
				LE	20.0	17 u	
24	iP	C	23 34 06.0				
25	eP		09 49 08				
26	eP		11 49 57				
	eS		53 33				

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T
MUNDARING (MUN) Cont.						
May.						
27	iP	C	04 19 19.0			
27	eP		16 10 13			
28	iP	C	01 48 24.4			
28	iP	C	01 59 59.3			
28	eP		03 44 10			
	eS		47 38			
28	eP		04 31 20			
	eS		34 48			
28	eP		13 34 42			
28	iP	C	13 43 00.6			
28	eP		18 21 40			
28	eP		20 52 42			
	eS		56 18			
28	eP		20 55 29			
	eS		58 59			
29	eP		04 48 14			
	eS		51 42			
29	eP		12 51 48			
	eS		55 16			
29	eP		23 22 00			
30	eP		06 48 05			
30	eP		16 17 07			
30	eP		22 20 54			
	eS		24 24			
31			Nil			
KALGOORLIE (KLG)						
May.						
01	eP		01 02 28			
01	iP	D	10 43 18.6			
01	iP	D	13 32 53.5			
01	eP		17 33 26			
01	iP	D	19 14 03.3			
01	iP	D	19 52 11.2			
02	eP		00 53 08			
02	iP	C	02 16 53.3			
02	eP		07 15 37			
02	iP	D	15 44 58.8			
02	eP		22 05 18			
	eS		06 08			
03	iP	C	07 18 46.5			
04	iP	C	04 01 16.7	1.0	340mu	2.5
04	iP	C	04 16 18.3			
04	iPKP	D	06 46 03.8			
04	iP	C	07 56 27.8	0.8	960mu	3.1
05	iP	D	10 25 27.5	1.0	82mu	1.9
05	iP	C	22 23 56.4			
06			Nil			
07	iP	C	17 47 05.8			
08	eP		16 24 55			
08	eP		16 31 48			
09	iP	C	05 59 09.2			
09	iP	D	12 29 04.4			
09	iP	D	13 19 36.7	0.9	104mu	2.1
09	iP	C	17 51 58.1			
10	iP	C	04 28 33.7	0.9	52mu	1.8
10	iP	C	05 17 27.2	0.8	49mu	1.8
10	iP	C	05 55 37.5	0.9	78mu	1.9

Meekering

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T
KALGOORLIE (KLG) Cont.						
May.						
11	iP	C	00 56 42.2			
11	iP	D	03 56 58.2			
11	iP	C	08 07 21.7	0.8	96mu	2.1
11	iP	C	20 55 01.7			
11	iP	D	21 26 56.9			
11	iP	C	21 32 06.7			
12	iP	C	01 30 53.8			
12	iP	C	06 24 19.4			
12	eP		16 40 09			
12	iP	C	23 03 16.6			
13	iP	D	06 04 15.8	0.9	90mu	2.0
13	eP		06 08 30			
13	iP	C	09 32 28.6			
14	iP	C	05 09 16.5			
15 -31			No time marks.			
MEEKATHARRA (MEK)						
May.						
01	iP	C	13 32 54.1			
01	eP		18 30 51			
01	iP	D	19 13 31.6			
01	iP	D	19 51 28.0			
01	eP		20 10 10			
02	iP	D	03 16 21.9			
02	iP	D	07 59 49.5			
02	iP	C	15 44 28.2			
03	eP		07 18 06			
03	iP	D	12 18 59.4			
03	iP	C	13 14 06.8			
03	iP	D	18 57 02.2			
03	iP	C	20 17 47.5			
04	iP	C	04 15 19.7			
04	ePKP		06 46 14			
04	iP	C	07 56 42.9			
04	eP		11 55 25			
04	eP		21 58 25			
05	iP	C	10 24 56.0			
05	iP	C	10 31 34.3			
05	eP		21 45 26			
05	iP	C	22 05 13.8			
05	iP	C	23 23 56.3			
06			Nil			
07	eP		13 23 39			
07	iP	C	16 06 56.8			
07	iP	C	16 47 07.1			
07	iP	C	17 28 52.8			
07	iP	C	19 05 20.6			
08	iP	C	00 42 22.7			
08	iP	C	06 25 20.1			
08	eP		14 13 24			
08	eP		14 25 17			
08	iP	C	14 31 50.1			
09	iP	D	12 29 23.7			
09	iP	D	13 19 55.2			
10	iP	C	05 17 24.7			
10	iP	C	05 55 35.0			
10	iP	D	18 05 07.9			
10	iP	C	22 08 42.2			

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T
MEEKATHARRA (MEK) Cont.						
May.						
11	iP	D	03 57 16.0			
11	iP	C	08 07 19.4			
11	eP		20 54 42			
11	iP	D	21 27 22.1			
	iS		31 31.4			
12	iP	C	01 30 23.8			
12	eP		04 28 57			
12	iP	C	06 24 20.3			
12	eP		16 39 43.			
12	iP	C	23 02 42.9			
13	eP		04 15 08			
13	eP		06 03 25			
13	iP	D	09 32 56.6			
13	eP		10 24 31			
13	iP	C	17 00 03.2			
14	iP	C	05 08 43.0			
14	iP	D	10 29 30.3			
15	eP		03 04 13			
15	iP	D	09 41 36.3			
16	iP	D	15 24 30.1			
17	iP	C	05 35 20.6			
17	iP	C	05 58 18.0			
17	iP	C	10 17 45.3			
17	eP		14 44 33			
	eS		47 34			
18	iP	D	05 54 21.5			
19			Nil			
20	eP		02 43 11			
20	eP		03 48 29			
	eS		49 23.			
20	iP	D	11 06 42.2			
	eS		09 33			
21			Nil			
22	iP	C	06 11 56.1			
22	eP		06 19 11			
22	iP	D	07 22 19.4			
22	iP	C	11 26 42.1			
22	eP		16 39 04			
22	iP	D	20 55 50.7			
23	iP	D	06 43 21.8			
23	iP	D	17 59 22.0			
24	eP		01 06 38			
24	eP		01 25 32			
	eS		28 29			
24	iP		04 34 28.5			
	eS		35 28			
24	iP	C	08 19 24.9			
24	eP		11 34 37			
24	iP	C	17 59 50.8			
24	iP	C	23 33 17.2			
25	eP		09 48 09			
26	iP	D	08 45 48.5			
26	iP	C	11 48 47.4			
	eS		51 25			
27	iP	D	04 18 53.0			
27	eP		16 09 16			
28	eP		01 48 48			
28	iP	C	01 58 40.9			

Wilkinson Range
MB = 3.9

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	Log A/T
MEEKATHARRA (MEK) Cont.						
May.						
28	eP		02 38 25			
	eS		41 03			
28	eP		03 42 41			
	eS		45 35			
28	eP		04 30 09			
28	eP		07 48 39			
28	eP		08 39 25			
28	eP		11 49 36			
28	eP		13 33 33			
28	eP		13 41 50			
28	eP		15 28 19			
28	eP		17 45 37			
28	eP		18 21 29			
28	eP		18 28 14			
28	eP		20 51 34			
	eS		56 11			
29	eP		04 47 03			
	eS		49 39			
29	eP		12 50 58			
	eS		53 14			
29	eP		13 28 58			
	eS		31 35			
29	eP		23 20 49			
	eS		23 47			
30	eP		08 56 10			
30	eP		06 46 22			
	e		46 54			
30	eP		08 01 40			
30	eP		17 26 26			
30	eP		22 19 44			
	eS		22 21			
30	eP		23 11 00			
31	eP		16 56 37			
KUNUNURRA (KNA)						
May.						
01	LP	C	01 41 36.3		0.9	41ms 1.7
01	LP	C	08 35 48.0			
01	eP		10 43 20			
01	LP	C	13 07 55.2			
01	LP	C	13 31 01.7			
01	eP		14 04 53			
01	LP	C	17 31 26.0			
01	eP		18 51 38			
01	LP	C	19 11 49.3			
01	LP	D	19 51 37.7			
02	LP	C	00 49 56.1		0.3	460ms 3.2
	eS		51 29			
02	LP	D	03 14 45.1		0.5	96ms 2.3
02	LP	D	04 57 13.4			
02	LP	C	05 12 07.0			
02	LP	C	07 15 33.9			
02	LP	C	07 56 34.2			
02	eP		11 57 50			
02	LP	D	14 27 20.2			
02	LP	D	15 42 36.2			
02	LP	C	16 51 40.1			
03	LP	C	02 14 37.1			

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Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T
MEEKATHARRA (MEK) Cont.						
May.						
28	eP		02 38 25			
	eS		41 03			
28	eP		03 42 41			
	eS		45 35			
28	eP		04 30 09			
28	eP		07 48 39			
28	eP		08 39 25			
28	eP		11 49 36			
28	eP		13 33 33			
28	eP		13 41 50			
28	eP		15 28 19			
28	eP		17 45 37			
28	eP		18 21 29			
28	eP		18 28 14			
28	eP		20 51 34			
	eS		54 11			
29	eP		04 47 03			
	eS		49 39			
29	eP		12 50 38			
	eS		53 14			
29	eP		13 28 58			
	eS		31 35			
29	eP		23 20 49			
	eS		23 27			
30	eP		00 54 10			
	e		46 54			
30	eP		08 01 [illegible]0			
30	eP		17 26 26			
30	eP		22 19 44			
	eS		22 21			
30	eP		23 11 00			
31	eP		16 58 37			
KUNUNURRA (KNA)						
May.						
01	iP	C	03 41 34.3	0.9	41mu	1.7
01	iP	C	08 35 48.0			
01	eP		10 43 20			
01	iP	C	13 07 55.2			
01	iP	C	13 31 01.7			
01	eP		14 04 53			
01	iP	C	17 31 28.0			
01	eP		18 51 38			
01	iP	C	19 11 49.3			
01	iP	D	19 51 37.7			
02	iP	C	00 49 56.1	0.3	460mu	3.2
	eS		51 29			
02	iP	D	03 14 45.1	0.5	96mu	2.3
02	iP	D	04 57 13.4			
02	iP	C	05 12 07.0			
02	iP	C	07 15 33.2			
02	iP	C	07 58 34.2			
02	eP		11 57 58			
02	iP	D	14 27 20.2			
02	iP	D	15 42 38.2			
02	iP	C	16 51 40.1			
03	iP	C	02 14 27.1			

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	Log A/T
KUNUNURRA (KNA) Cont.						
May.						
03	eP		02 34 39			
03	eP		03 18 28			
03	eP		07 16 06			
	eS		17 35			
03	iP	D	12 17 42.5			
03	eP		13 12 17			
03	iP	C	13 25 04.2			
03	iP	C	13 58 39.0			
03	iP	C	18 21 32.9			
03	eP		18 55 37			
03	iP	C	20 15 54.8			
03	iP	D	21 57 06.0			
04	iP	C	03 59 22.3			
04	eP		04 05 52			
04	iP	C	04 15 10.0			
04	iP	D	07 55 26.5			
04	iP	C	09 31 36.2	0.6	28mu	1.7
04	iP	D	11 52 57.0			
04	eP		12 44 43			
04	iP	D	16 32 02.8			
04	iP	C	17 01 25.2			
04	iP	C	17 37 24.3			
	eS		38 48			
04	ePKP		21 58 32			
05	eP		01 28 07			
05	iP	C	03 03 58.4			
05	iP	D	10 23 34.0	1.0	80mu	1.8
05	eP		10 29 41			
05	eP		10 47 14			
05	eP		16 28 42			
	eS		30 11			
05	eP		17 04 54			
05	eP		18 25 07			
05	iP	C	23 22 01.2			
06	iP	D	07 40 26.9			
06	iP	C	18 04 47.0			
07	iP	D	07 54 00.8			
07	iP	C	13 21 03.1			
	eS		22 30			
07	iP	D	16 45 14.5			
07	eP		17 27 34			
07	eP		18 48 27			
07	eP		22 18 46			
08	iP	D	00 39 47.1			
	eS		41 52			
08	eP		04 27 15			
08	iP	C	05 22 25.4			
08	iP	D	06 21 57.0	0.9	600mu	2.8
	eS		25 00			
08	eP		10 54 26			
08	eP		14 21 07			
08	eP		16 11 18			
08	iP	D	16 29 56.9			
08	iP	D	17 33 53.6			
08	iP	D	17 49 18.2			
08	eP		18 48 36			
09	eP		05 57 18			
09	eP		08 42 22			

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Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T
KUNUNURRA (KNA) Cont.						
May.						
09	iP	C	12 28 27.5	0.6	360mu	2.8
09	iP	C	13 18 58.1	0.9	82mu	2.0
09	eP		17 50 06			
09	iP	C	21 34 07.0			
10	iP	D	00 58 18.1			
	eS		59 42			
10	iP	D	04 26 42.2			
10	eP		05 15 26			
10	iP	C	05 53 35.8			
10	eP		08 32 12			
10	iP	D	10 34 23.9			
10	iP	C	13 42 22.7			
10	iP	C	17 50 10.2	0.9	123mu	2.1
10	eP		22 07 01			
11	iP	D	00 55 00.3			
11	iP	C	03 55 59.1			
11	eP		08 05 20			
11	iP	D	10 41 57.4			
11	eP		13 35 22			
11	iP	D	20 51 56.0			
	iS		54 02.0			
11	iP	C	21 26 44.6			
	e		29 30			
	e		31 09			
12	eP		01 29 03			
12	eP		06 22 27			
12	eP		16 36 58			
	eS		38 29			
12	iP	D	21 17 33.2			
	iS		18 46.7			
13	eP		06 02 19			
13	iP	C	06 24 35.6			
	iS		26 10.0			
13	iP	D	09 32 27.9			
13	iP	D	10 21 41.3	0.6	300mu	2.7
	iS		23 35.0			
13	iPKP	D	14 43 59.2			
13	eP		15 05 21			
13	eP		18 14 57			
	eS		16 30			
13	eP		23 22 56			
14	eP		00 27 14			
14	eP		03 27 52			
14	eP		05 07 03			
14	iP	D	10 27 46.7			
14	iP	C	11 27 40.0			
	iS		29 09.3			
14	eP		12 11 06			
14	iP	D	15 51 11.4			
14	iP	C	19 00 28.4			
15	iP	C	00 51 39.9	0.8	540mu	2.8
	eS		53 13			
15	iP	D	02 03 19.0			
15	iP	C	05 46 51.0			
15	iP	C	06 10 26.6			
15	eP		07 11 06			
15	iP	C	08 54 20.0			

Date 1972	phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T
KUNUNURRA (KNA) Cont.						
May.						
15	iP	C	09 40 49.2	0.8	1120mu	3.1
15	iP	C	13 59 16.4			
15	iP	C	18 52 15.8			
15	eP		19 22 28			
15	eP		23 36 45			
16	iP	D	00 02 28.0			
16	eP		11 27 20			
16	iP	C	12 16 48.0			
16	eP		14 31 04			
16	iP	C	15 22 29.7			
16	eP		16 38 35			
16	eP		20 28 15			
17	eP		03 46 06			
17	iP	D	05 34 00.2			
17	iP	D	05 56 56.7			
17	iP	C	09 51 15.9			
17	iP	C	10 17 38.3			
17	iP	D	11 04 46.3			
17	iP	C	14 21 49.7			
18	iP	D	01 31 15.7			
18	iP	C	01 52 39.0			
	iS		54 01.8			
18	eP		02 51 51			
18	iP	D	05 53 04.3			
18	eP		11 02 33			
18	iP	C	18 28 10.7			
18	iP	D	21 33 26.2			
	iS		35 04.0			
19	eP		09 52 30			
19	iP	D	10 02. 59.6			
20	iP	D	00 37 17.9			
	eS		38 48			
20	eP		11 06 57			
20	iP	D	13 12 36.3			
20	eP		23 21 58			
21	iP	D	06 10 03.3	1.0	580mu	2.8
21	eP		08 45 27			
21	iP	C	09 11 15.6			
21	eP		16 05 27			
21	iP	C	18 59 44.9			
	eS		19 01 20			
21	eP		20 41 47			
22	iP	D	06 10 30.0			
22	iP	C	07 20 24.3			
22	iP	D	08 40 52.0			
22	iP	D	11 25 15.0	0.8	580mu	2.8
22	iP	C	15 57 48.9			
	iS		59 16.4			
22	iP	C	20 54 56.6			
22	eP		21 34 17			
23	eP		06 41 08			
23	iP	C	18 12 22.0			
23	eP		21 07 50			
23	iP	C	22 05 15.9			
24	iP	D	01 04 43.3			
24	iP	D	01 24 11.8			
24	iP	C	05 46 00.4			
	eS		47 35			
24	eP		11 33 38			
	i		33 45.3			

International Seismological Centre

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
KUNUNURRA (KNA) Cont.							
May.							
24	eP		13 20 24				
24	iP	D	13 24 20.3				
24	iP	C	17 21 50.6				
	eS		23 23				
24	iP	C	17 57 57.4				
24	iP	D	23 31 33.0				
25	iP	C	09 00 17.0				
25	iP	C	09 45 53.4				
	eS		47 18				
25	iP	D	10 46 32.1				
25	iP	C	10 52 29.0				
25	eP		12 21 50				
25	iP	C	15 44 43.2				
	iS		46 14.5				
25	eP		19 02 55				
26	iP	D	00 26 34.8				
26	eP		11 48 09				
27	iP	C	04 17 45.5				
27	iP	D	08 51 30.0				
27	iP	C	16 06 39.8				
28	eP		00 58 50				
28	iP	C	01 45 51.5				
28	eP		01 58 11				
28	eP		04 50 45				
	eS		52 13				
28	iP	D	05 14 19.3				
28	iP	C	08 30 11.0				
28	ePKP		10 04 48				
28	eP		11 19 58				
28	iP	D	13 59 49.2				Local
	iS		59 59.3				ML = 3.0
28	iP	C	18 20 32.9				
29	eP		04 46 23				
29	eP		10 31 55				
29	eP		12 50 01				
29	iP	D	19 19 15.8				
30	iP	D	00 51 21.8	1.0	144mu	2.2	
	eS		52 55				
30	eP		06 46 20				
30	iP	C	10 37 37.5				
30	eP		16 14 32				
30	eP		22 19 06				
31	eP		11 25 33				
31	eP		15 59 03				
KARRATHA (KAA)							
May.							
01-03			Nil				
04	eP		04 13 00				
04	iP	C	07 55 55.7				
05	iR	C	10 24 11.5	1.0	176mu	2.2	
06			Nil				
07	iP	D	16 47 00.8	1.0	257mu	2.4	
08	eP		00 41 43				
08	iP	D	16 25 34.0				
08	iP	C	16 31 43.4				
09	iP	D	12 29 39.5				
09	iP	C	13 20 09.7				

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Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T
KARRATHA (KAA) Cont.						
May.						
10			Nil			
11	iP	C	20 54 11.0			
11	iP	D	21 27 46.4	0.7	194mu	2.4
12	eP		16 39 04			
13			Nil			
14	iP	C	05 07 54.3	0.9	118mu	2.1
15	iP	D	09 41 56.4	0.8	700mu	2.9
16-19			Nil			
20	iP	C	11 05 24.0			
21			Nil			
22	eP		06 11 11			
22	iP	D	11 25 49.9			
22	iP	D	20 56 07.1	1.0	1120mu	3.0
23			Nil			
24	eP		11 34 55			
25			Nil			
26	iP	C	11 47 29.8			
	eS		49 04			
27			Nil			
28	eP		01 57 32			
28	eP		20 50 14			
	eS		54 32			
29	eP		13 49 20			
	eS		50 57			
30	eP		16 14 37			
	eS		16 34			
30	eP		22 18 25			
	eS		20 01			
31			Nil			

P.J. Gregson,
Observer-in-Charge.

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	Log	
MUNDARING (MUN)							
June.							
01			Nil				
02			No time marks				
03	eP		11 33 57				
	e		52 29				
03	eP		18 40 13				
04	eP		14 20 40				
04	iP	D	18 11 00.2	1.0	40mu	1.6	
04	iP	D	21 47 39.5	0.6	25mu	1.6	
04	iP	C	22 23 21.5	0.6	13mu	1.3	
05	eP		02 28 54				
05	eP		03 40 40				
05	eP		08 13 55				
05	iP	D	21 26 31.2				
	iS		26 40.9				Meckering ML = 2.2
05	iP	C	23 25 08.6				
05	eP		00 08 39				
06	iP	C	04 45 06.1				
06	eP		07 03 20				
06	eP		10 42 16				
07	iP	D	01 40 51.8	1.0	60mu	1.8	
07	eP		05 32 35				
07	iP	C	11 56 12.3				
07	iP	C	12 08 05.9				
07	iP	D	16 26 50.5				
	eS		27 17.				Mukinbudin ML = 2.2
07	iP	D	17 35 30.2	1.0	160mu	2.2	
07	iP	C	18 21 12.0				
	eS		25 18				
08	eP		00 28 48				
	eS		29 15				Mukinbudin ML = 2.0
08	eP		02 30 37				
	eS		30 46.				Beverley ML = 2.2
08	iP	C	08 00 28.1	1.0	320mu	2.5	
	eS		01 28				
08	eP		09 23 22.				
09	iP	D	00 30 19.6				
09	eP		17 52 08				
10	eP		12 32 23				
11	iP	D	16 47 37.2				
11	iP	D	18 44 02.8	0.9	210mu	2.4	
12	iP	D	07 16 57.8				
	iS		17 09.9				Brookton ML = 1.8
12	iPKP	C	10 16 12.8	1.0	120mu	2.1	
13			Nil				
14	eP		12 58 22				
15			No record				
16	eP		08 10 54				
16	iPKP	C	08 53 41.9				
16	eP		15 51 04				
17	eP		18 50 41				
	eS		54 18				
18	iP	D	13 47 11.6	0.8	90mu	2.0	
19	eP		02 35 09				
19	eP		11 58 38.				
19	iPKP	C	12 34 06.9				
20	iP	D	01 49 07.7	LZ 20.0	14 u		
				LN 20.0	9 u		

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
MUNDARING (MUN) Cont.							
June.							
20	iP	D	10 27 39.8				
20	iP	D	18 32 34.7				
20	iP	D	23 11 08.7				
	eS		11 18				Meckering ML = 2.3
21	iP	D	15 12 51.2				
22			Nil				
23			Nil				
24	iP.	C	15 41 30.9	1.0	280mu	2.4	
24	iP	D	23 26 38.0				
25	iP	C	04 18 43.5				
26			Nil				
27	eP		12 43 31				
	eS		45 53				Lake McKay
28			Nil				
29	eP		00 18 31				
	eS		18 58				Mukinbudin ML = 2.7
29	eP		09 06 02				
30	iP	C	05 16 20.9				
30	iP	D	05 51 59.4				
30	eP		09 59 49				
30	eP		11 37 31				
30	iP	C	12 49 11.4	0.8	75mu	1.9	
30	eP		13 05 05				
KALGOORLIE (KLG)							
June.							
01			No time marks				
02	eP		14 27 06				
02	iP	D	15 13 34.9				
02	eP		21 27 40				
02	iP	D	22 58 34.2	0.7	190mu	2.4	
03	eP		11 33 46				
	eS		37 13				
04	iP	C	19 25 23.9				
04	eP		21 47 21				
05			Nil				
06	eP		05 45 18				
06	eP		08 03 04				
07	eP		05 32 21				
07	eP		11 48 24				
07	eP		12 07 44				
07	iP	D	12 10 22.8				
07	eP		16 26 56				
	eS		27 32				Mukinbudin
07	eP		16 53 26				
07	iP	D	17 34 54.7	1.0	217mu	2.3	
07	eP		18 06 08				
	eS		10 10				
08	iP	C	08 00 05.2	1.0	559mu	2.7	
08	iP	D	09 23 11.9				
08	eP		10 26 47				
08	eP		16 53 27				
09	eP		02 37 38				
10			Nil				
11	iP	D	16 47 20.5				
11	iP	D	18 43 27.0	1.0	435mu	2.6	

International Seismological Centre

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	Log A/T	
KALGOORLIE (KLG) Cont.							
June.							
12							
13	iP	D	Time marks uncertain. 17 08 43.8				
14			Time marks uncertain.				
15	eP		04 00 32				
15	eP		11 58 50				
16	eP		08 54 32				
16	eP		15 39 26				
16	eP		15 52 04				
17	eP		09 32 41				
18	eP		18 51 44				
	eS		55 23				
18	iP	D	13 47 45.9	0.9	182mu	2.3	
19	eP		01 41 20				
19	eP		02 37 10				
20	iP	C	01 49 58.5				
20	iP	D	15 33 15.7				
20	eP		23 13 04				
21	iP	D	15 12 37.0				
	eS		16 47				
22			Nil				
23	eP		08 59 05				
24	iP	C	15 41 40.9	0.9	980mu	3.0	
24	iP	D	23 26 17.2				
25	eP		04 18 18				
26	eP		08 17 27				
26	eP		10 18 28				
27	eP		12 42 45				
	eS		44 26				Lake McKay MB = 4.9
27	iP	D	16 11 53.7				
28	iP	C	09 38 32.9	1.0	155mu	2.2	
29	eP		00 18 35.5				
	eS		19 13				Mukinbudin
29	iP	D	03 51 56.5				
29	iP	C	16 29 52.1				
30	iP	D	05 51 23.1	1.0	124mu	2.1	
30	iP	D	11 37 01.9	0.9	104mu	2.1	
30	iP	C	12 48 40.5	0.9	104mu	2.1	
30	iPKP	D	13 04 53.0				
30	eP		13 45 31				
MEEKATHARRA (MEK)							
June.							
01	eP		06 39 12				
01	eP		13 06 59				
	eS		09 35				
01	eP		17 01 25				
	eS		04 00				
02	eP		20 30 15				
02	eP		21 26 40				
	eS		29 19				
02	eP		21 40 26				
	eS		43 05				
02	iP	D	22 57 53.8				
02	eP		23 12 34				
	eS		15 14				
03	iP	C	11 32 47.5				
	eS		35 27				

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Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
MEEKATHARRA (MEK) Cont.							
June.							
04	eP		00 02 39				
04	eP		14 15 21				
	eS		18 33				
04	iP	C	19 10 25.0				
05	eP		02 27 44				
	eS		30 21				
05	eP		16 59 16				
06	iP		07 02 04.5				
	eS		04 44				
06	eP		10 40 28				
	eS		43 57				
07	eP		05 31 49				
07	iP	C	12 07 15.9				
07	eP		12 10 13				
07	eP		16 27 18				Mukinbudin
	eS		28 03				
07	iP	D	17 35 11.8				
07	eP		18 20 18				
	eS		23 18				
07	eP		21 22 47				
	eS		25 24				
08	eP		00 29 16				Mukinbudin
	eS		30 01				
08	iP	C	07 59 36.6				
08	eP		16 00 41				
	eS		03 18				
08	iP		16 52 55.5				
08	ePKP		19 12 33				
09	eP		04 35 13				
	eS		36 14				
09	eP		17 47 15				
	eS		49 58				
10	eP		15 44 26				
	eS		47 04				
10	eP		20 26 04				
	eS		28 43				
11	eP		10 59 31				
	eS		11 02 10				
11	iP		16 46 48.8				
11	iP	D	18 43 23.0				
12	eP		00 53 59				
12	eP		11 27 43				
13	eP		17 08 10				
13	eP		17 33 52				
13	iP	C	18 57 55.6				
14	eP		04 59 52				
14	eP		12 57 12				
	eS		59 49				
14	eP		22 01 34				
15	eP		11 57 08				
15	eP		22 58 50				
15	eP		23 56 10				
16	eP		01 35 01				
16	iP	D	08 09 45.2				
16	eP		15 37 27				
16	eP		15 50 05				

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
MEEKATHARRA (MEK) Cont.							
June.							
18	iP	D	13 35 19.5				
18	iP	D	13 46 29.1				
18	eP		23 45 32				
19	eP		01 39 48				
19	eP		02 33 51				
19	eP		11 53 35				
19	eP		15 53 33				
20	iP	C	01 49 38.8				
20	eP		05 20 48				
20	eP		04 58 37				
	eS		05 01 13				
20	iP	C	10 27 17.4				
20	iP	D	15 22 25.5				
20	iP	D	18 31 45.0				
20	iP	D	23 12 12.0				
21	eP		15 11 53				
21	eP		17 26 12				
	eS		28 48				
21	eP		19 46 38				
	eS		49 19				
22	eP		11 17 12				
22	eP		21 33 22				
23			Nil				
24	iP	C	15 41 15.0				
24	iP	C	23 25 47.6				
25	eP		00 02 35				
25	eP		04 17 51				
	eS		21 56				
26	eP		08 10 30				
27	iP	D	08 24 54.9				
27	eP		12 42 27				Lake McKay
	eS		44 00				MB = 4.6
28	eP		03 02 39				
	eS		05 18				
28	iP	C	09 38 13.3				
29	iP	C	00 18 58.3	0.2	3mu	1.1	Mukinbudin
	eS		19 44				
29	eP		09 01 15				
	eS		02 59				
29	iP	D	16 30 01.8				
30	iP	D	05 51 16.4				
30	eP		11 36 40				
	eS		41 19				
30	eP		17 59 03				
	eS		18 01 46				
KUNUNURRA (KNA)							
June.							
01	eP		00 11 52				
01	iP	D	02 34 01.7				
	iS		35 55.6				
01	eP		06 33 06				
01	iP	D	06 37 46.3				
02	eP		00 14 55				
02	eP		06 00 33				
02	eP		11 10 08				
	eS		11 52				

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T
KUNUNURRA (KNA) Cont.						
June.						
02	iP	C	13 19 11.5	0.9	61mu	1.8
	eS		20 39			
02	iP	C	15 11 42.2			
02	eP		20 25 59			
02	eP		20 28 20			
02	iP	C	22 57 56.0			
03	eP		11 32 06			
03	eP		14 55 20			
03	eP		18 38 21			
03	eP		18 53 32			
03	eP		19 25 04			
04	iP	D	14 13 24.7	0.6	108mu	2.3
	eS		15 01			
04	eP		16 40 58			
	eS		42 26			
04	ePKP		18 56 49			
04	eP		19 08 32			
04	eP		21 45 01			
04	iP	C	22 42 30.9			
05	eP		05 00 43			
05	eP		16 59 44			
06	eP		00 41 32			
	eS		43 37			
06	eP		07 01 27			
06	iP	D	10 38 16.1	0.8	170mu	2.3
	eS		40 01			
06	eP		12 45 10			
06	eP		13 43 16			
06	iP	C	19 41 42.0			
	eS		43 12			
06	iP	C	20 26 01.9			
07	eP		02 58 42			
	eS		03 00 08			
07	eP		05 30 21			
07	iP	D	11 48 24.1	0.8	68mu	1.9
07	iP	C	11 55 11.6			
07	iP	D	12 05 20.1	0.9	205mu	2.4
07	eP		14 03 26			
07	iP	D	16 52 04.3	1.0	96mu	2.0
07	iP	C	17 33 55.9	0.9	369mu	2.6
07	eP		18 19 57	0.9	82mu	2.0
07	eP		20 38 12			
08	eP		06 56 18			
08	iP	C	07 57 21.7	1.0	1540mu	3.2
	eS		58 52			
08	iP	C	09 21 20.5			
08	eP		10 14 51			
08	eP		10 24 55			
08	eP		10 27 57			
08	eP		11 23 17			
	eS		24 32			
08	eP		13 43 37			
08	iP	D	16 24 35.5	0.6	81mu	2.1
08	iP	C	16 51 35.6			
08	ePKP		19 12 49			
08	eP		21 31 54			
08	eP		22 24 45			
	eS		26 17			

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Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T
KUNUNURRA (KNA) Cont.						
June.						
08	eP		23 10 56			
09	eP		00 29 20			
09	eP		01 08 01			
09	eP		02 34 50			
	eS		37 35			
10	eP		08 44 52			
10	iP	C	13 05 18.2			
	eS		06 51			
11	eP		14 29 53			
	eS		31 23			
11	eP		14 39 08			
11	iP	C	16 45 10.3			
11	iP	C	18 41 17.7			
12	iP	C	00 52 35.5	1.0	384mu	2.6
12	iP	C	00 59 04.0	1.0	144mu	2.2
12	eP		01 47 23			
13	eP		05 17 18			
13	eP		15 11 56			
13	eP		17 07 36			
14	eP		04 58 16			
14	iP	C	06 58 09.2			
14	eP		07 42 53			
	eS		44 39			
14	eP		08 00 57			
14	eP		12 56 35			
14	eP		14 06 59			
14	eP		16 53 57			
	eS		55 32			
14	eP		17 13 14			
14	eP		21 19 44			
14	eP		22 01 06			
15	iP	D	00 41 23.8	0.7	45mu	1.8
15	eP		11 57 18			
15	eP		15 31 16			
15	iP	D	23 53 23.4	0.6	162mu	2.4
	eS		54 51			
16	eP		10 04 08			
16	eP		13 48 15			
16	eP		15 37 15			
16	eP		15 49 52			
16	iP	C	19 09 37.0			
17	eP		07 29 34			
17	eP		08 50 11			
17	iP	C	11 08 47.8			
	eS		10 29			
18	eP		00 15 04			
18	iP	C	04 10 13.5			
18	iP	D	07 20 18.9			
18	eP		11 19 16			
18	iP	D	13 33 59.1			
18	iP	C	13 44 32.1	1.0	96mu	2.0
18	eP		15 47 48			
18	iP	D	16 30 10.0			
18	iP	D	21 15 55.4			
19	eP		01 38 25			
19	eP		05 33 18			
19	iP	C	11 50 46.9			

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
KUNUNURRA (KNA) Cont.							
June.							
19	eP		11 56 54				
19	eP		12 11 52				
19	iP	C	13 32 05.6				
	eS		33 32				
19	eP		21 48 15				
20	iP	D	01 50 32.6				
20	eP		08 37 39				
20	iP	C	08 16 28.1				
20	eP		10 25 53				
20	eP		10 42 41				
20	iP	D	15 22 33.0				
20	iP	C	18 29 54.0				
21	eP		04 48 51	1.0	144mu	2.2	
21	eP		08 44 44				
21	iP	D	11 48 47.9	0.7	120mu	2.2	
21	iP	D	13 23 58.8				
21	iP	D	15 10 27.9				
	eS		12 37				
21	eP		15 38 22				
21	eP		19 45 30				
22	iP	D	04 14 58.3				
	eS		16 39				
22	eP		15 55 13				
22	iP	D	18 49 54.9				
	iS		51 39.1				
23	iP	C	08 57 13.1	0.9	145mu	2.2	
23	iP	D	10 27 33.8				
	iS		28 59.0				
23	eP		19 45 07				
	eS		46 36				
23	iP	C	22 59 48.1				
24	iP	C	08 52 50.2				
	iS		54 30.2				
24	iP	D	15 41 06.0	0.8	218mu	2.5	
24	iP	C	23 23 52.1				
25	eP		00 27 49				
	eS		29 39				
25	iP	D	04 15 08.0	0.3	190mu	2.8	
	iS		16 38.1				
26	iP	C	00 05 57.3	0.9	246mu	2.4	
26	eP		08 15 35				
26	eP		10 17 01				
26	iP	C	17 49 32.0				
27	iP	C	08 22 59.5				
27	iP	D	09 01 12.3				
	eS		02 38				
27	eP		12 42 01				
27	eP		13 31 24				Lake McKay MB = 4.4
	iS		32 53.4				
27	iP	D	16 11 07.4				
	iS		13 35.0				
27	iP	C	20 24 14.4				
	iS		25 46.2				
28	iP	D	02 00 04.1				
28	eP		03 02 36				
28	eP		04 33 28				

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Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T
KUNUNURRA (KNA)						
June.						
28	iP	C	09 36 40.2	0.8	44mu	1.8
28	iP	C	13 22 55.3			
28	eP		15 56.45			
29	eP		00 07 29			
	eS		09 13			
29	eP		03 49 47			
29	eP		09 00 05			
29	iP	C	16 28 04.0			
	eP		18 12 25			
	eS		13 46			
29	eP		19 44 44			
30	eP		05 34 22			
30	iP	C	05 49 06.1			
30	iP	C	11 33 53.0			
	eS		35 44			
30	iP	C	12 48 04.0	0.7	540mu	2.9
30	eP		13 15 09			
30	iP	D	15 19 32.0			
30	eP		23 50 01			
KARRATHA (KAA)						
June.						
01	eP		13 05 40			
02	eP		20 29 32			
02	iP	D	21 25 22.5			
	eS		26 59			
02	eP		21 39 09			
02	eP		22 19 05			
02	eP		22 27 05			
02	eP		22 57 06			
03	eP		12 31 30			
	eS		33 10			
04	eP		14 14 25			
05	eP		17 00 19			
06	eP		10 42 34			
	eS		44 15			
07	iP	D	13 06 34.5	1.0	128mu	2.1
	i		07 04.9			
07	iP	D	18 35 23.9	1.0	96mu	2.0
07	eP		19 18 58			
	eS		20 58			
08	iP	C	08 58 52.7	0.9	852mu	3.0
	e		09 01 44			
08	eP		16 59 23			
	eS		17 01 01			
08	iP	D	20 12 47.9			
09	eP		17 46 00			
10			Nil			
11	iP	D	16 46 02.3			
11	iP	D	18 43 10.7	0.8	112mu	2.1
12			Nil			
13			No record			
14	eP		12 55 53			
14	eP		22 00 16			
15	eP		11 56 07			
15	iP	C	15 32 08.3			
16	eP		01 34 57			

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Date 1972	Phase	Dir.	G.M.T.	Por. (sec.)	Amp.	Log A/T	
KARRATHA (KAA)							
June.							
16	eP		08 08 27				
16	eP		15 36 08				
16	iP	C	15 48 44.8				
17	iP	D	18 48 23.0				
	eS		50 11				
18	iP	D	13 46 00.7	1.0	96mu	2.0	
19	eP		02 33 53				
19	eP		11 58 26				
19	iP	C	15 26 02.6				
20	eP		01 50 26				
20	eP		04 20 25				
20	eP		15 21 20				
20	iP	C	18 31 00.0				
21	iP	C	15 10 37.1	0.5	18mu	1.6	
	eS		12 49				
21	eP		17 24 54				
21	eP		19 45 23				
	eS		47 11				
22			Nil				
23			Nil				
24	iP	C	15 40 44.3	0.8	590mu	2.8	
24	iP	D	23 25 05.9				
25	iP	D	04 17 12.5				
26			Nil				
27	iP	D	12 42 36.5				Lake McKay MB = 4.9
28			Nil				
29	iP	D	08 59 59.8				
	eS		09 01 48				
30	iP	D	11 36 08.1				
30	eP		17 57 48				

P.J. Gregson,
Observer-in-Charge.

International Seismological Centre

COMMONWEALTH OF AUSTRALIA

Department of National Development

Bureau of Mineral Resources, Geology and Geophysics

MUNDARING GEOPHYSICAL OBSERVATORY

JUL 1972

MUNDARING (MUN)

Latitude: 31°58.7'S Longitude: 116°12.5'E

Height: 253 Metres

Foundation: Precambrian granite

KALGOORLIE (KLG)

Latitude: 30°47' 01.2"S Longitude: 121°27' 28.9"E

Height: 350 Metres

Foundation Alluvium-covered Precambrian basic metasediments

MEEKATHARRA (MEK)

Latitude: 26°36'46"S Longitude: 118°32'42"E

Height: 515 Metres

Foundation: Archean Sedimentary rock

KARRATHA (KAA)

Latitude: 20°46.6'S Longitude: 116°51.5'E

Height: 15 Metres

Foundation: Precambrian volcanics

KUNUNURRA (KNA)

Latitude: 50°45.0'S Longitude: 128°46.0'E

Height: 55 Metres

Foundation: Unweathered upper Devonian sandstone.

All correspondence relating to these seismographs should be addressed to:-

Observer-in-Charge,
Geophysical Observatory,
MUNDARING. 6073

International Seismological Centre

INSTRUMENTATION

MUNDARING

World wide standard seismograph system No. 44

Nominal magnification	S, P-Z, N, E	25000 at 1 second
	LP-Z	750 at 15 seconds
	LP-N, E	375 at 15 seconds

	Component	Seismometer	Galvanometer	Magnification
KALGOORLIE	SP-Z	Willmore Mk2 To = 1.0	Geotech G10 Tg = 0.75	15,800 at 1 second
	SP-SW	Willmore Mk2 To = 1.0	Geotech G10 Tg = 0.25	16,500 at 1 second
	SP-NW	Willmore Mk2 To = 1.0	Geotech G10 Tg = 0.25	16,500 at 1 second
MEEKATHARRA	SP-Z	Willmore Mk2 To = 1.0	Geotech G10 Tg = 0.75	9,000 at 1 second
KARRATHA	SP-Z	Willmore Mk2 To = 1.0	Geotech G10 Tg = 0.75	31,000 at 1 second
KUNUNURRA	SP- Z	Willmore Mk1 To = 1.0	Willmore Tg = 0.25	20,000 at 1 second

Timemarks for all stations other than Mundaring are normally supplied from an EMI crystal clock controlled by VNG or ABC radio pips.

Magnification curves are available on request.

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
MUNDARING (MUN)							
July.							
01	iP	D	19 42 01.2	0.3	1325mu	3.6	Meckering ML = 3.3, felt.
	iS		42 10.4				
02			Nil				
03	eP		05 38 44				
03	iP	D	07 29 12.8				Meckering ML = 3.4, felt.
	iS		29 22.1				
04	iP	D	10 23 56.0				
05			Nil				
06			Nil				
07	iP	C	12 14 25.1	0.8	160mu	2.3	
07	eP		16 04 29				Lake McKay MB = 4.6
	eS		08 50				
07	iP	C	19 15 08.6				
	iS		19 18.6				
08	eP		13 15 35				
08	eP		23 59 27				
09			Nil				
10	iP	C	04 36 32.4				
10	eP		14 24 17				
10	iP	C	15 54 07.4				
12			Nil				
13			Nil				
14	eP		02 07 06				
14	iP	C	22 10 41.4				
14	iP	C	22 58 37.1				
15	iP	D	23 27 09.4	0.5	156mu	2.5	Meckering ML = 2.6
	eS		27 18.5				
16	iP	C	02 59 48.1	0.8	60mu	1.9	
16	iP	C	04 30 47.3	1.0	200mu	2.3	
16	eP		17 15 33				
17	iP	D	08 02 11.2				
18	eP		02 24 44				
18	iP		13 05 10.9				Meckering ML = 2.2
	iS		05 20.5				
19	iP	D	13 33 33.4				
19	iP		14 27 14.8				Meckering ML = 2.1
	iS		27 24.1				
20			Nil				
21	iP	D	08 47 09.2	0.5	78mu	2.2	
21	iP	D	14 46 44.5	0.9	154mu	2.2	
22	eP		04 22 18				600km NE Kalgoorlie MB = 4.5
	iS		24 00.0				
22	iP	D	16 51 56.4	0.9	156mu	2.2	
23-24			Nil				
25	eP		02 46 10				280km SE Dampier MB = 4.3
	eS		47 49				
25	iP	D	09 30 18.3				
26	iP	D	04 31 59.1				500km W Perth ML = 3.6
	iS		32 43.0				
26	eP		07 18 15				
26	iP	D	09 27 32.0				Meckering ML = 2.6
	iS		27 42.8				

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Date 1972	Phase	Dir.	G.M.T.		Per. (sec.)	Amp.	LogA/T
MUNDAPTTG (MUN) Cont.							
July.							
27			Nil				
28			Nil				
29	iP	D	05 10 39.6		1.0	520mu	2.7
				LZ	20.0	4 u	
				LN	20;0	4 u	
				LE	20.0	6 u	
29	eP		11 04 22				
29	iP	D	16 22 02.9				
30	eP		17 48 22	LZ	20.0	4 u	
				LN	20.0	29 u	
				LE	20.0	12 u	
30	eP		20 21 59	LZ	20.0	6 u	
				LN	20.0	34 u	
				LE	20.0	14 u	
30	iP	C	23 23 19.1	LZ	20.0	143 u	
				LN	20.0	34 u	
				LE	20.0	69 u	
31	eP		14 43 22				
31	eP		18 20 10				

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
KALGOORLIE (KLG)							
July.							
01	eP		19 42 47				Meckering
	eS		43 32				
02	eP		13 09 06				
02	eP		21 09 04				
03	iP	C	01 27 57.2	1.0	373 mu	2.6	
03	eP		05 38 26				
03	iP		07 29 59.5				Meckering
	eS		30 42				
03	eP		21 51 20				
04	eP		01 51 37				
04	iP	D	10 23 42.1	0.8	146mu	2.3	
04	eP		15 40 04				
05-06			Nil				
07	iP	C	12 44 08.9				
07	eP		16 05 40				Lake McKay
	eS		07 23				MB = 4.7
07	iP	C	19 15 01.9	0.9	78mu	1.9	
08	eP		00 54 14				
08	eP		03 52 31				
08	iP	D	06 25 25.6	0.8	74mu	1.9	
08	eP		07 01 28				
08	eP		13 14 59				
09-10			Nil				
11	iP	D	06 06 42.3				
11	iP	C	15 53 30.8				
12	eP		08 34 21				
13	iP	C	02 08 25.1				
14	iP	C	02 07 00.7				
15	eP		02 35 28				
15	eP		23 27 56				Meckering
16	eP		00 37 47				
16	eP		02 59 31				
16	iP	D	04 30 10.0	1.0	217mu	2.3	
16	iP	D	17 15 46.1				
17			Nil				
18	eP		06 56 58				
18	iP	D	12 41 25.1				
19			Nil				
20			Nil				
21	iP	D	08 46 38.6				
21	iP	C	14 46 27.9				
22	eP		04 21 17				600km NE
	eS		22 16				Kalgoorlie
							MB = 4.7
22	iP	C	16 52 02.3				
23			Nil				
24			Nil				
25	eP		02 45 56				SE Dampier
	eS		47 22				MB = 4.5
25	iP	D	09 29 47.4	1.2	172mu	2.2	
	i		30 46.0				
26	eP		04 32 59				500km W
	eS		34 27				Perth
							MB = 4.8
26	eP		07 18 14				
26	eP		08 48 14				
26	iP	D	09 28 14.7				Meckering
	eS		28 58				ML = 3.0

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Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T
KALGOORLIE (KLG) Cont.						
July.						
26	eP		13 45 34			
27	eP		00 33 36			
27	iP	D	08 15 35.2	1.0	50mu	1.7
27	iP	C	13 09 01.8			
27	eP		16 51 12			
27	eP		21 03 53			
27	iP	C	21 36 16.3			
28			Nil			
29	iP	C	05 10 24.6	0.6	290mu	2.7
29	iP	C	11 04 18.2	0.9	52mu	1.8
29	iP	C	11 05 54.0			
29	eP		11 43 49			
29	eP		16 21 59			
29	eP		22 41 33			
30	eP		05 04 47			
30	iP	C	17 47 45.2			
30	iP	C	20 21 23.2	0.5	105mu	2.3
30	eP		22 04 08			
30	iP	D	23 22 52.0	1.1	666mu	2.8
31	iP	D	03 39 01.6	0.9	104mu	2.1
31	eP		09 35 11			
31	iP	C	14 42 57.4			
31	iP	D	16 06 40.0	0.8	49mu	1.8
31	eP		18 19 43			

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Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
MEEKATHARRA (MEK)							
July.							
01	eP		02 31 23				
01	iP	D	19 43 04.9				Meckering
02	eP		13 08 44				
02	eP		21 08 24				
	eS		11 16				
03	iP	C	01 27 41.1				
03	iP		05 37 54.0				
03	iP	C	07 30 16.5				Meckering
	eS		31 12				
04	iP	C	04 08 10.0				
04	iP	D	10 23 09.0				
04	eP		15 40 12				
05	eP		04 06 00				
	eS		08 59				
05	iP	D	10 20 48.9				
	eS		23 26				
05	ePKP		13 19 58				
05	iP	C	18 21 03.0				
06	eP		12 47 21				
06	eP		15 56 27				
	eS		59 05				
06	iP	C	21 35 11.9				Local
	eS		35 14				
07			No record				
08	eP		06 25 11				
08	eP		07 01 03				
08	iPKP	C	12 30 26.5				
08	iP	D	13 14 57.1	1.0	180mu	2.3	
	e		15 17				
08	eP		15 44 45				
08	eP		23 58 15				
	eS		00 53				
09	eP		03 54 44				
	eS		57 21				
10	eP		06 17 03				
	eS		19 40				
11	iP	D	06 06 16.7				
11	eP		07 50 11				
11	eP		15 53 32				
11	eP		20 21 46				
12	eP		19 16 19				
13	iP	C	02 08 14.0				
13	eP		21 24 01				
14	eP		02 06 03				
14	eP		06 18 47				
	eS		21 24				
14	eP		06 23 27				
	eS		25 58				
14	eP		06 54 37				
	eS		57 15				
14	eP		20 25 00				
15	eP		02 34 31				
15	iP	D	23 28 13.0				Meckering
16	iP	D	02 58 58.9				
16	iP	C	04 30 49.0				
16	eP		17 15 03				
17	iP	D	20 53 12.4				

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Date 1972	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T	
MEEKATHARRA (MEK) Cont.							
July.							
18	iP	D	02 24 05.1				
18	iP	C	05 56 31.5				
18	eP		20 29 08				
	eS		32 10				
19			Nil				
20			Nil				
21	iP	D	08 47 00.5				
21	iP	C	12 34 12.0				
21	iP	D	14 45 56.9				
22	iP	C	04 21 44.1				600km NE
	eS		23 03				Kalgoorlie
22	iP	D	16 51 30.3				
23			Nil				
24			Nil				
25	eP		02 44 54				280km SE
	eS		45 38				Dampier
							MB = 3.9
25	iP	C	09 30 09.9				
25	iP	C	18 13 54.9	0.3	9mu	1.4	
26	eP		04 32 48				500km W Perth
	eS		34 06				MB = 4.1
26	eP		07 17 14				
	eS		19 25				
26	eP		08 47 14				
26	iP	D	09 28 32.5				Meckering
	eS		29 27				
26	eP		10 33 28				
26	eP		13 44 35				
26	eP		14 24 50				
27	eP		08 15 11				
27	eP		13 08 29				
28	eP		16 16 50				
29	eP		00 48 05				
29	iP	D	05 09 49.4	0.7	1060mu	3.2	
29	eP		11 03 20				
	eS		06 13				
29	eP		11 04 57				
	eS		07 48				
29	eP		11 39 14				
29	eP		17 20 02				
29	eP		22 41 27				
30	eP		05 02 36				
30	eP		16 08 36				
30	iP	C	17 47 45.5				
30	eP		20 21 23				
30	eP		21 03 13				
30	iP	C	21 23 14.1				
30	iP	C	21 29 56.5				
30	eP		22 04 02				
30	eP		23 07 28				
31	eP		03 38 41				
31	eP		09 35 09				
31	eP		14 42 42				
31	eP		16 06 20				
31	eP		18 19 18				
31	iP	D	19 59 43.0				

International Seismological Centre

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
KARRATHA (KAA)							
July.							
01			Nil				
02	eP		13 08 20				
03	iP	D	01 27 12.8				
03	iP	D	05 37 09.0				
04	iP	D	04 07 02.8				
04	eP		04 18 21				
	eP		10 22 21				
05-06			Nil				
07	eP		12 42 53				
07	eP		16 05 33				Lake McKay
	eS		07 09				MB = 4.8
07	eP		16 40 23				
	eS		42 02				
07	iP	C	19 12 51.7				T phase
	iS		14 58.1				
	e		24 09				
08	eP		00 54 14				
08	iP	D	13 14 47.0	0.9	74mu	1.9	
08	eP		15 44 01				
08	eP		23 55 57				
	eS		57 35				
09			Nil				
10	eP		14 22 43				
11	eP		10 15 09				
11	iP	C	15 53 26.5				
12-15			Nil				
16	eP		17 14 15				
17			Nil				
18	eP		20 27 49				
	iS		29 47.2				
19-20			Nil				
21	iP	C	12 34 02.6	0.8	98mu	2.1	
21	iP	C	14 45 11.5	1.0	70mu	1.8	
22	iP	C	16 50 51.2				
23-24			Nil				
25			No record				
26	eP		07 15 55				
	e		17 41				
	e		19 50				
26	eP		08 45 54				
	eS		47 40				
26	eP		13 43 16				
	eS		45 02				
27-28			Nil				
29	iP	D	05 09 01.0	1.0	860mu	2.9	
29	iP	D	11 02 00.0				
30	eP		17 47 40				
30	eP		20 21 15				
30	iP	C	23 21 50.9				
31			Nil				

Station closed down permanently 31st July.

International Seismological Centre

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
KUNUNURRA (KNA)							
July.							
01	iP	C	08 53 06.1				
	eS		55 14				
01	eP		10 16 33				
02	eP		09 07 20				
02	eP		13 08 54				
02	eP		14 25 57				
02	eP		20 06 04				
	eS		07 25				
03	iP	D	00 13 07.3				
03	iP	D	01 25 55.1	1.0	384mu	2.6	
03	iP	D	05 36 10.7				
03	iP	D	11 10 04.9				
03	eP		13 37 51				
04	eP		01 14 06				
04	iP	D	04 08 20.7				
04	eP		04 22 00				
04	iP	C	10 21 39.1				
04	iP	D	12 32 42.1				
04	eP		15 38 34				
05	iP	D	06 29 18.2				
06	iP	D	21 33 05.0				
	eS		34 39				
07	eP		08 48 14				
07	eP		12 12 41				
07	iP	C	12 41 59.5				
07	iP	C	14 13 35.6				
07	eP		15 37 45				
	eS		39 14				
07	eP		16 00 52				
	eS		02 18				
07	eP		16 04 58				Lake McKay
	eS		06 10				MB = 4.3
07	iP	D	18 35 14.4				
	eS		36 45				
07	iP	C	19 13 27.5				
	eS		16 08				
08	iP	D	00 51 58.9				
08	iP	D	03 50 04.5	1.0	700mu	2.8	
08	iP	C	04 09 35.6				
	iS		11 02.8				
08	iP	C	06 22 31.9				
	eS		24 42				
08	iP	C	07 00 53.1				
08	eP		11 12 35				
08	iP	C	13 12 55.0				
	eS		16 50				
08	eP		15 04 25				
08	iP	C	15 42 49.6				
	eS		46 29				
08	eP		23 57 31				
09	eP		11 23 14				
	eS		24 33				
09	eP		13 52 38				
	eS		53 46				
09	iP	C	14 05 19.1	0.9	66mu	1.9	
10	eP		06 39 12				
10	eP		09 01 54				

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
KUNUNURRA (KNA) Cont.							
July.							
10	iP	D	14 21 41.7				
10	iP	C	19 36 04.1				
11	iP	D	06 06 07.1	0.9	172mu	2.3	
11	eP		08 16 52				
11	iP	C	14 04 04.3				
	eS		05 34				
11	iP	C	15 51 39.9				
11	iP	C	20 55 17.5				
12	iP	D	17 11 03.1	0.7	131mu	2.3	
12	iP	D	19 15 06.2				
13	iP	D	02 09 44.5				
13	eP		13 01 25				
13	iP	D	14 34 32.0				
13	eP		15 13 34				
13	iP	C	17 00 47.4				
14	eP		02 05 49				
14	iP	D	04 10 58.5				
14	iP	C	09 19 22.6				
14	eP		17 11 40				
14	iP	C	20 22 39.1	1.0	126mu	2.1	
14	eP		22 09 34				
14	iP	D	22 56 11.9				
14	iP	C	23 31 27.7				
15	iP	C	02 23 14.0				
15	eP		07 55 37				
15	iP	D	13 24 39.1				
16	iP	C	00 37 17.9				
16	iP	D	02 57 21.7	0.8	163mu	2.3	
16	iP	D	04 30 26.9				
16	iP	D	16 27 09.6				
	eS		28 52				
16	eP		17 15 13				
16	iP	D	17 31 58.8				
16	iP	D	19 31 12.9				
17	eP		06 24 24				
17	eP		16 33 47				
	eS		36 42				
17	iP	C	17 58 55.4				
17	eP		18 38 17				
18	iP	C	02 22 26.0	0.6	146mu	2.4	
18	iP	D	05 54 14.4				
18	eP		07 33 06				
	eS		35 46				
18	eP		12 39 14				
19	iP	D	00 51 02.6				
	iS		52 47.1				
19	eP		19 24 03				
	iS		25 28.2				
20	eP		00 02 16				
	es		03 51				
20	iP	C	19 32 23.3				
21	iP	C	08 46 12.7	0.5	230mu	2.7	
21	iP	D	12 32 13.8	0.7	144mu	2.4	
21	iP	C	14 44 17.0	1.0	101mu	2.0	
22	eP		04 22 51				
	eS		25 01				600km NE Kalgoorlie
22	iP	D	06 08 00.5				
22	iP	D	16 51 02.5				

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Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T
KUNUNURRA (KNA) Cont.						
July.						
22	iP	C	19 52 50.0			
23	iP	C	18 08 28.8			
	iS		10 13.0			
23	iP	C	21 52 23.0			
24			Nil			
25	eP		02 46 38			
	eS		48 42			
25	iP	C	04 16 28.3			
25	eP		08 38 42			
25	iP	C	09 29 20.8			
26	eP		07 17 03			
26	eP		16 16 44			
26	eP		17 58 07			
27	eP		02 06 23			
27	eP		02 50 27			
27	iP	C	08 12 30.6			
	iS		14 39.6			
27	eP		13 06 40			
27	eP		16 43 15			
27	iP	C	16 49 10.8			
28	eP		07 10 39			
28	eP		20 57 41			
	eS		59 08			
29	iP	C	00 38 25.2			
29	eP		00 45 47			
29	eP		01 37 15			
29	eP		02 10 53			
29	iP	D	03 11 00.4			
29	iP	C	05 08 04.3			
29	eP		11 03 08			
29	iP	D	12 56 22.6			
29	eP		14 01 42			
29	iP	C	16 22 16.0	0.6	42mu	1.8
29	eP		17 20 10			
29	eP		17 59 08			
29	eP		22 39 18			
30	eP		03 12 09			
30	eP		03 34 28			
30	iP	D	05 04 18.1			
30	iP	C	09 20 37.4			
30	eP		13 11 22			
30	eP		16 07 14			
30	eP		16 16 10			
30	iP	C	16 36 49.6			
30	iP	C	17 45 49.9			
30	eP		18 32 47			
30	iP	D	18 54 39.0			
30	eP		20 19 26			
30	eP		22 02 52			
30	iP	C	23 19 43.7			
31	eP		01 45 44			
31	eP		03 37 05			
31	eP		09 32 53			
	eS		36 02			
31	eP		14 40 46			
31	eP		16 04 44			
31	iP	C	18 16 36.1			

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COMMONWEALTH OF AUSTRALIA
Department of Minerals and Energy
Bureau of Mineral Resources, Geology and Geophysics
MUNDARING GEOPHYSICAL OBSERVATORY
AUGUST 1972

MUNDARING (MUN)

Latitude: 31°58.7'S Longitude: 116°12.5'E
Height: 253 Metres
Foundation: Precambrian granite

KALGOORLIE (KLG)

Latitude: 30°47' 01.2"S Longitude: 121°27' 28.9"E
Height: 350 Metres
Foundation: Alluvium-covered Precambrian basic metasediments

MEEKATHARRA (MEK)

Latitude: 26°36'46"S Longitude: 118°32'42"E
Height: 515 Metres
Foundation: Archean Sedimentary rock

KUNUNURRA (KNA)

Latitude: 15°45.0'S Longitude: 128°46.0'E
Height: 55 Metres
Foundation: Unweathered upper Devonian sandstone

All correspondence relating to these seismographs should be addressed to:-

Observer-in-Charge,
Geophysical Observatory,
MUNDARING. 6073.

International Seismological Centre

INSTRUMENTATION

MUNDARING

World wide standard seismograph system No. 44

Nominal magnification	S,P-Z, N, E	25000 at 1 second
	LP-Z	750 at 15 seconds
	LP-N, E	375 at 15 seconds

	Component	Seismometer	Galvanometer	Magnification
KALGOORLIE	SP-Z	Willmore Mk2 To = 1.0	Geotech G10 Tg = 0.75	15,800 at 1 second
	SP-SW	Willmore Mk2 To = 1.0	Geotech G10 Tg = 0.25	16,500 at 1 second
	SP-NW	Willmore Mk2 To = 1.0	Geotech G10 Tg = 0.25	16,500 at 1 second
MEEKATHARRA	SP-Z	Willmore Mk2 To = 1.0	Geotech G10 Tg = 0.75	9,000 at 1 second
KUNUNURRA	SP-Z	Willmore Mk1 To = 1.0	Willmore Tg = 0.25	20,000 at 1 second

Timemarks for all stations other than Mundaring are normally supplied from an EMI crystal clock controlled by VNG or ABC radio pips.

Magnification curves are available on request.

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
MUNDARING (MUN)							
August.							
01	eP		02 31 49				
01	iP	D	08 52 00.4	0.3	11mu	1.6	
01	iP	C	19 13 25.8	0.6	250mu	2.6	
02	iP	C	19 58 22.3				
03			Nil				
04	iP	C	18 04 00.9				
05	eP		20 10 07				
05	eP		22 39 05				
05	iP	D	06 39 29.1				
06	eP		06 57 24				
06	eP		07 23 15				
07	eP		09 35 01				
08-09			Nil				
10	iP		05 33 42.3				Mawson
	iS		33 53.2				ML = 2.1
10	eP		15 41 43				
10	eP		21 17 35				
11	eP		07 40 34				
11	eP		16 50 37				
12	iP	D	05 53 33.9				Meckering
	iS		53 44.9				ML = 3.7
12	ePKP	↑	13 35 29				
12	eP		21 39 18				
13	eP		04 24 57				
13	eP		04 30 56				
14	eP		06 52 24				
14	iP	C	15 40 06.1				
14	iP		21 50 20.0				Meckering
	iS		50 29.9				ML = 2.2
14	eP		22 36 32				
15	iP		11 05 43.8				Bolgart
–	iS		05 55.4				ML = 2.0
16			Nil				
17	iP	C	17 34 31.5	0.7	90mu	2.0	
	iS		38 03.7				
17	iP	D	23 52 06.5	0.9	315mu	2.5	
18-19			Nil				
20	eP		05 17 08				
21	eP		06 35 27				
21	eP		08 55 03				
21	eP		22 02 40				
22			Nil				
23	iP	C	12 06 38.6	0.6	200mu	2.5	
24	eP		11 42 12				
	e		46 05				
24	eP		16 25 19				
	e		29 54				
24	eP		21 54 54				
	e		59 53				
25			Nil				
26	iP	D	02 51 28.2				
26	iP	C	10 53 07.8				Meckering
	iS		53 18.3				ML = 2.2

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Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
MUNDARING (MUN) Cont.							
August.							
27			Nil				
28	iP	D	02 23 13.5	0.7	108mu	2.2	Central Australia
	iS		26 30.8				
28	eP		06 31 46				
	eS		35 17				
29	iP	D	06 09 06.0				
29	iP	C	06 59 22.0				
30	iP	C	10 37 19.2				
	i		37 24.8				
30	eP		15 25 23				
30	iP	C	17 58 56.9				
31	iPKP	C	02 43 57.6	0.9	112mu	2.1	
31	iP	C	14 15 53.2				
KALGOORLIE (KLG)							
August.							
01	eP		07 25 26				
01	eP		08 51 27				
01	iP	C	19 13 03.0				
01	iP	D	21 13 50.7				
02	iP	C	19 57 52.2				
02	iP	D	21 52 04.3				
03			Nil				
04	eP		18 03 45				
04	eP		20 09 30				
04	eP		22 38 29				
05	eP		06 38 52				
06	eP		06 56 56				
06	iP	D	07 22 38.0				
06	eP		15 25 25				
07	eP		09 34 32				
08			Nil				
09	eP		04 28 03				
09	eP		12 59 07				
10	eP		15 43 13				
10	eP		21 19 39				
11	eP		07 42 04				
11	eP		16 52 11				
12	eP		05 53 15.5				Meckering
	eS		53 57				
12	iP	D	13 37 26.1				
12	eP		21 41 04				
13			Nil				
14	iP	D	15 41 46.6				
14	iP	C	22 37 55.0				
15			Nil				
16	eP		11 33 16				
16	eP		23 49 00				
17	iP	D	17 36 20.0	0.9	223mu	2.4	
17	iP	C	23 53 29.0	0.9	469mu	2.7	
	eS		54 58				

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
KALGOORLIE (KLG) Cont.							
August.							
18	iP	C	00 33 09.6				
19	iP	C	16 14 05.6				
20	eP		05 18 49				
20	iP	D	10 22 28.8				
21	iP	C	06 37 14.4	1.0	1450mu	3.2	
21	iP	D	08 56 26.8				
22	eP		05 41 29				
23	iP	C	12 06 16.8				
24	iP	C	16 24 57.9				
25			Nil				
26	eP		04 45 31				
27			Nil				
28	iP	C	02 22 14.8	1.0	248mu	2.4	Central Australia
	eS		-- 24 46				
28	iPKP	C	06 18 35.1	0.9	104mu	2.1	
28	iP	D	06 31 35.1				
	eS		35 01				
29	iP	D	06 58 55.1				
30	iP	D	05 29 57.8				
30	iP		10 31 14.1				
30	eP		10 36 44				
30	eP		15 25 25				
31	ePKP		02 43 49				
31	eP		08 18 23				
31	iP	C	14 15 53.0				
31	iP	C	20 45 29.2				
MEEKATHARRA (MEK)							
August.							
01	iP	D	07 51 20.9				
01	iP	C	19 12 35.8				
02	iP	C	19 58 17.0				
03	eP		10 05 38				
	eS		08 13				
03	iP	C	14 36 11.9				
03	iP	C	15 17 55.8				
04	eP		01 15 52				
	eS		17 24				
05	eP		02 42 54				
05	eP		05 39 36				
05	eP		06 39 03				
06	eP		06 54 07				
	eS		56 32				
06	eP		07 22 48				
06	eP		10 23 41				
06	eP		12 16 25				
06	eP		15 14 52				
	eS		17 43				
06	eP		15 25 35				
07	eP		09 34 51				
07	iP	D	23 24 53.1				

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Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
MEEKATHARRA (MEK) Cont.							
5 August.							
08	eP		16 06 51				
08	eP		22 17 47				
09	eP		00 47 10				
09	eP		04 25 23				
09	eP		04 35 15				
09	eP		11 09 08				
	eS		13 11				
09	eP		15 43 49				
09	eP		17 33 35				
	eS		36 22				
09	eP		22 27 08				
10	eP		15 41 34				
10	eP		21 17 08				
10	eP		22 13 54				
11	eP		16 49 45				
12	iP	D	05 54 33.2				Meckering
	eS		55 29				
12	iP	C	09 55 25.0				
12	eP		13 21 02				
	i		21 04.0				
12	iP	D	13 51 01.3				
12	iP	C	21 38 28.8				
13	eP		04 24 31				
13	eP		04 30 30				
14	eP		15 39 16				
14	eP		21 55 17				
14	eP		22 35 50				
15	eP		17 23 50				
16	eP		11 32 00				
17	iP	C	17 33 22.4				
	eS		36 01				
17	eP		22 32 13				
	eS		35 02				
17	eP		23 15 55				
	eS		18 43				
17	iP	C	23 51 30.4				
18	eP		00 31 11				
19	eP		16 11 47				
20	iP	C	05 16 18.5				
20	iP	D	15 48 06.5				
21	iP	C	06 34 58.1	0.8	657mu	2.9	
21	eP		08 54 28				
21	iP	D	22 02 04.5	1.4	430mu	2.5	
22	eP		02 35 31				
22	iP	C	08 12 23.5				
	eS		13 21				
23	iP	C	12 05 47.3				
24	iP	C	11 40 52.7				
	iS		43 58.1				
24	iP	C	16 24 21.1				
24	iP	D	21 53 59,0				
25			Nil				

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
MEEKATHARRA (MEK) Cont.							
August.							
26	eP		04 33 57				
	eS		34 57				
27			Nil				
28	iP	C	02 22 36.5	0.4	104mu	2.4	Central Australia
	eS		25 25				
28	eP		06 30 37				
	eS		33 14				
28	iP	D	14 32 13.0				
29	iP	D	06 08 56.2				
29	iP	D	06 58 29.1				
29	eP		12 06 16				
30	iP	D	05 30 18.0				
30	iP	C	10 31 15.5				
30	iP	C	10 36 36.5	1.3	70mu	1.7	
30	eP		18 58 29				
31	ePKP		02 43 59				
31	eP		08 12 58				
31	iP	C	14 15 29.0				
31	eP		20 44 52				
KUNUNURRA (KNA)							
August.							
01	eP		03 24 17				
01	eP		08 49 17				
01	iP	D	10 42 46.2				
01	iP	D	16 16 01.1				
01	iP	D	19 10 39.0				
01	iP	C	21 11 44.1				
01	eP		22 20 17				
02	eP		01 20 30				
02	eP		06 59 58				
02	eP		09 49 24				
02	eP		09 58 59				
02	eP		13 01 46				
02	iP	D	14 07 55.6				
02	iP	D	19 57 36.1				
02	iP	D	21 16 08.6				
02	iP	D	21 50 43.0				
02	iP	C	23 44 29.9				
	eS		45 58				
03	iP	C	04 53 06.9				
03	eP		07 11 57				
03	eP		07 15 25				
03	eP		08 10 59				
	eS		12 45				
03	eP		11 07 12				
03	eP		11 23 59				
03	iP	D	14 34 38.1				
03	eP		15 16 32				
03	eP		16 11 52				

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T

KUNUNURRA (KNA) Cont.

August.

04	eP		07 23 54			
04	eP		18 02 14			
04	eP		20 08 07			
04	eP		21 05 52			
04	eP		21 12 10			
04	eP		21 50 54			
04	eP		22 37 06			
05	eP		00 53 19			
05	eP		02 09 23			
05	eP		02 12 47			
05	iP	C	02 41 24.0			
05	eP		03 43 06			
05	eP		05 38 02			
05	iP	C	06 37 30.5			
05	eP		06 48 03			
05	eP		08 53 52			
05	iP	C	11 54 47.2			
05	eP		13 59 24			
05	eP		20 31 47			
05	eP		23 23 56			
—	eS		25 17			
06	iP	C	02 46 36.1			
—	eS		48 01			
06	eP		06 51 27			
—	eS		53 36			
06	eP		06 53 51			
—	eS		56 00			
06	iP	C	07 21 15.1			
—	eS		26 32			
06	eP		10 22 08			
—	eS		27 22			
06	eP		11 17 41			
06	eP		12 14 52			
06	iP	D	15 24 03.0			
08	iP	D	18 10 45.7			
	eS		12 29			
07	eP		08 24 18			
07	eP		09 31 46			
07	iP	C	09 33 57.5			
07	iP	C	23 23 45.7			
08	eP		16 04 56			
08	eP		22 16 04			
09	iP	D	00 46 23.0			
09	eP		05 38 02			
09	eP		09 49 23			
09	eP		11 06 22			
	eS		07 54			
09	eP		15 33 22			
09	eP		15 42 11			
09	eP		19 12 17			
09	eP		22 25 29			
10	eP		02 08 10			
10	eP		03 16 04			

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Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T
KUNUNURRA (KNA) Cont.						
August.						
10	eP		06 11 51			
10	eP		08 48 41			
	eS		51 22			
10	eP		14 59 54			
10	eP		15 40 46			
10	eP		21 16 36			
10	eP		22 12 22			
10	eP		23 09 20			
11	iP	C	01 09 17.0			
	eS		12 17			
11	iP	D	02 32 51.9			
11	eP		02 41 40			
11	iP		07 39 44.3			
11	eP		13 36 26			
11	eP		16 47 10			
	eS		49 25			
12	eP		06 03 52			
	eS		05 17			
12	eP		08 14 32			
	eS		17 26			
12	iP	C	13 18 27.1			
	eS		19 52			
12	eP		14 16 07 -			
12	iP		21 37 17.6			
	eS		39 23			
13	eP		04 22 57			
13	eP		04 28 56			
13	eP		05 57 59			
13	eP		08 17 17			
13	eP		09 00 17			
13	eP		12 46 15			
	eS		48 07			
14	iP	C	04 04 22.7	0.8	44mu	1.7
14	iP	C	15 37 19.0	1.0	510mu	2.7
14	iP	C	21 52 33.8			
	iS		54 02.0			
14	iP	D	22 33 37.6			
15	iP	D	11 27 21.0			
	iS		28 49.3			
15	iP		17 22 14.0			
16	iP	C	11 33 02.3			
16	eP		23 45 21			
	eS		47 17			
17	eP		03 20 35			
17	iP	D	04 28 09.7			
17	eP		07 32 34			
17	iP	C	09 32 39.0			
17	eP		17 00 32 -			
17	iP	C	17 32 39.6			
17	eP		20 17 42 -			
17	iP	C	23 49 37.6	0.8	1380mu	3.3
18	iP	D	00 29 17.6	0.8	291mu	2.6

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T
KUNUNURRA (KNA) Cont.						
August.						
18	iP	C	01 17 28.6	0.9	129mu	2.2
18	iP	C	01 56 30.6	0.8	22mu	1.5
18	eP		02 33 05			
18	eP		03 49 29			
18	eP		04 50 47			
18	iP	D	05 18 05.1			
18	iP	D	07 26 14.6	0.8	36mu	1.7
18	iP	D	07 59 21.0	0.9	43mu	1.7
18	eP		08 31 03			
18	eP		10 25 00			
18	iP	C	11 26 07.4			
18	eP		12 33 05			
18	eP		15 24 48			
18	iP	D	18 49 47.0	0.7	83mu	2.1
18	eP		21 33 45			
18	iP	D	22 58 29.0	0.8	91mu	2.1
19	iP	C	03 44 37.0			
19	eP		05 39 34			
19	eP		06 29 54			
19	eP		06 34 05			
19	eP		06 37 02			
19	eP		11 53 50			
	eS		55 19			
19	eP		13 54 59			
19	iP	D	16 09 00.2	0.8	1500mu	3.3
	eS		11 04			
19	iP	C	16 34 58.9	0.7	50mu	1.9
19	eP		17 35 29			
19	iP	C	17 56 17.8			
20	eP		04 04 19			
20	eP		05 14 18			
20	eP		08 25 28			
20	eP		09 30 51			
20	iP	D	10 18 43.0			
20	iP	C	15 45 56.8			
20	iPKP	C	16 59 00.5			
20	iP	C	17 47 35.4			
	eS		49 00			
21	iP	D	06 33 45.0	0.9	2220mu	3.4
21	eP		07 34 36			
21	iP	C	08 52 35.2	1.0	252mu	2.4
21	eP		09 40 34			
21	eP		09 49 10			
21	eP		11 11 16			
21	eP		11 51 18			
21	eP		19 51 34			
21	iP	C	22 02 23.0			
22	eP		00 44 43			
22	eP		05 37 25			
22	eP		06 28 52			
22	iP	C	07 32 25.0			
22	eP		09 56 21			

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Date 1973	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
KUNUNURRA (KNA) Cont.							
August.							
22	eP		11 53 32				
22	eP		12 30 06				
22	eP		14 14 55				
22	eP		15 09 57				
22	eP		19 53 51				
23	iP	C	04 37 48.2				
	i		39 33.7				
23	eP		06 51 25				
23	eP		08 13 49				
	eS		15 29				
23	eP		09 36 17				
23	iP	D	12 03 50.8	0.7	60mu	1.9	
23	eP		14 06 31				
23	eP		15 36 01				
23	eP		19 00 08				
24	iP	C	00 29 55.0				
24	iP	D	03 14 06.7				
24	iP	D	10 08 34.7				
24	iP	D	11 39 41.9				
24	iP	D	14 16 30.1				
24	eP		14 25 18				
24	iP	C	16 22 07.1				
	iS		23 32.9				
24	iP	C	19 25 29.7				
24	iP	D	21 51 23.1				
	eS		52 49				
25	eP		11 03 31				
25	iP	D	13 05 05.7				
	iS		06 31.2				
25	eP		14 16 43				
25	iP	D	22 15 48.5				
26	iP	D	04 42 37.9				
	iS		45 12.2				
26	eP		09 42 47				
26	eP		23 44 48				
27	iP	D	01 48 37.7				
27	eP		02 10 02				
	eS		11 20				
	iP	C	05 48 34.0				
	iS		50 19.3				
27	iP	D	10 21 30.2				
27	iP	D	20 10 25.0				
27	iP	C	20 45 20.1				
	iS		47 07.8				
27	iP	D	21 19 22.8				
28	eP	C	02 21 39	0.5	330mu	2.8	Central Australia
	eS		23 43				
28	iP	C	05 29 12.0				
28	iP	D	06 13 45.1	0.9	146mu	2.2	
28	iP	D	06 29 58.1				
28	eP		07 05 35				
	eS		07 06				

International Seismological Centre

Date 1973	Phase	Dir.	G.M.T.	Per. (Sec.)	Amp.	LogA/T
KUNUNURRA (KNA) Cont.						
August.						
28	eP		19 07 24			
28	iP	C	19 34 43.6			
29	iP	D	06 08 05.4			
29	eP		06 55 41			
	eS		57 25			
29	eP		09 14 25			
	eS		16 00			
29	eP		12 04 19			
	eS		05 54			
29	iP		17 24 12.8			
	iS		25 41.3			
30	iP	C	05 29 26.4			
30	iP	C	10 29 21.3	0.9	65mu	1.9
	eS		34 24			
30	iP	D	13 08 07.0			
30	iP	D	13 26 03.8			
30	iP	C	16 33 41.8	0.8	40mu	1.7
30	iP	D	18 57 50.3			
31	eP		00 09 13			
	eS		10 47			
31	ePKP		02 43 38			
31	eP		03 49 25			
31	iP		05 42 44.3			
31	eP		06 17 06			
31	eP		08 16 31			
31	eP		08 39 58			
	eS		41 29			
31	eP		10 01 58			
31	eP		10 07 37			
31	eP		12 40 55			
31	iP	D	14 14 48.9	1.0	126mu	2.1
31	iP	D	18 26 47.8			
	eS		28 14			
31	eP		19 18 45			
31	eP		20 42 26			
	eS		43 43			
31	iP	C	22 46 47.5			
	eS		48 21			
31	eP		23 43 14			

International Seismological Centre

BUREAU OF MINERAL RESOURCES GEOLOGY AND GEOPHYSICS

MUNDARING GEOPHYSICAL OBSERVATORY

AUSTRALIA

PRELIMINARY SEISMOLOGICAL BULLETIN

MUNDARING

SEPTEMBER 1972

CODE MUN

LATITUDE 31°58.7' S LONGITUDE 116°12.5' E

ELEVATION 253 m FOUNDATION Precambrian granite

COMPONENT	To (Seconds)	Tg (Seconds)	MAGNIFICATION at To	Peak	
SP Z	1.0	0.75	25K	43K	at 0.6 Sec.
SP N	1.0	0.75	25K	43K	at 0.6 Sec.
SP E	1.0	0.75	25K	43K	at 0.6 Sec.
LP Z	15	100	750	800	at 25 Sec.
LP N	15	100	375	400	at 25 Sec.
LP E	15	100	375	400	at 25 Sec.
SP Z	1.0	0.04	6K	160K	at 0.3 Sec.

ADDITIONAL ENQUIRIES TO - OBSERVER-IN-CHARGE
GEOPHYSICAL OBSERVATORY
MUNDARING W.A. 6073
AUSTRALIA

Date 1972	Phase	Dir.	G.M.T.		Per. (sec.)	Amp.	LogA/T	
MUNDARING (MUN)								
September.								
*01	iP	C	12 55 52.4		0.9	252mu	2.4	
*02	eP		01 59 57					
*02	eP		21 50 01					
*03	iP	C	06 39 09.6		1.0	160mu	2.2	
	e		39 16	LZ	20.0	31 u		
				LN	20.0	34 u		
				LE	20.0	20 u		
*03	iP	C	08 03 46.9					
	e		03 54					
*03	iP	C	08 18 09.3					
*03	eP		09 00 00					
*03	eP		09 33 45					
*03	eP		12 03 34					
*03	eP		16 05 36					
*03	iP	C	16 12 35.5					
*03	iP	C	17 00 27.7		1.0	1120mu	3.0	
*03	iP	D	23 15 52.0					
*04	eP		04 03 21					
*04	eP		13 49 50					
*04	iP	C	13 54 17.1		1.1	160mu	2.2	
*04	eP		14 11 52					
*04	iP	C	18 20 04.1		1.0	600mu	2.8	
				LZ	20.0	257 u		
				LN	20.0	86 u		
				LE	20.0	143 u		
*04	eP		20 06 29					
*05	eP		05 28 45		1.0	273mu	2.4	mB = 6.4 about 600km N Darwin.
	e		29 12					
	eS		33 20					
	e		34 34 00					
*05	iP	D	17 25 12.1		0.6	190mu	2.5	
*05	eP		17 39 13	LZ	20.0	34 u		
				LN	20.0	14 u		
				LE	20.0	20 u		
*05	eP		18 12 12					
*06	eP		18 17 00					
*06	eP		19 48 29					
*07	eP		04 38 19					
*07	iP	C	20 07 54.0		1.3	112mu	1.9	
08	eP		02 33 28					
*08	iP	C	03 18 55.8					
*08	iP	C	11 15 22.3					
*08	eP		11 47 48					
*09	eP		02 54 32	LZ	20.0	29 u		
				LN	20.0	11 u		
				LE	20.0	17 u		
*09	eP		05 56 01					
*09	iP	D	20 21 54.4					
*10	eP		06 12 05	LZ	20.0	28 u		
*10	iP	C	08 50 45.9					
*10	eP		21 09 53					
*11	eP		13 42 09	LZ	20.0	26 u		
				LN	20.0	24 u		
				LE	20.0	17 u		
12			Nil					
13	eP		02 35 31					
13	eP		04 31 46					

International Seismological Centre

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
MUNDARING (MUN) Cont.							
September.							
13	eP		13 00 56				
13	eP		14 42 17				
14	iP	D	02 50 53.9				Bolgart
	eS		51 04.5				ML = 2.8
14	eP		02 57 41				Bolgart
	eS		57 52				ML = 2.2
14	eP		03 32 49				Bolgart
	eS		33 00				ML = 2.6
15			Nil				
*16	iP	D	09 34 22.8				
*17	iP	D	17 49 48.7				
*17	iP	D	21 16 44.9				
*17	iP	D	21 37 31.4				
*18	iP	D	00 59 24.2				
*18	eP		08 08 10				
*18	iP	D	20 40 30.0				
	eS		44 22				
*19	iP	C	15 15 33.6	0.8	120mu	2.2	
*20	iP	D	07 55 45.8				
*20	iP	D	18 50 37.4	1.0	80mu	1.9	
*21	eP		00 17 45				
*22	eP		11 55 26				
*22	iP	D	12 23 08.4				
*22	eP		14 10 42				
*22	eP		17 42 19				
*22	eP		20 06 51				
*23	eP		01 18 53				
*23	iP	D	02 23 50.0				
*24	eP		20 15 36	1.0	72mu	1.9	
*24	eP		22 45 16				
*24	eP		23 26 15				
*25	eP		00 05 04				
*25	eP		06 35 06				
*25	eP		11 38 44				
*25	iP	D	21 42 58.6				Meckering
	iS		43 08.6				ML = 2.2
*26	eP		02 26 05				
	eS		31 22				
26	eP		04 36 34				
*27	eP		00 18 57				
27	iP	C	03 04 30.2				Meckering
	iS		04 39.0				ML = 2.2
*27	eP		04 59 07				
*27	iP	D	09 12 28.8	LZ	20.0	9 u	
				LN	20.0	3 u	
				LE	20.0	6 u	
*27	eP		09 40 58				
*27	eP		10 56 26				
*28	eP		07 37 39				
28	iP	D	13 07 31.3				Meckering
	iS		07 41.0				ML = 2.2
*28	iP	C	17 07 25.6	0.8	54mu	1.8	
*29	eP		06 47 53				
*29	eP		16 32 04	LZ	20.0	11 u	
				LN	20.0	3 u	
				LE	20.0	8 u	
*29	iP	C	17 09 54.5				
*29	eP		20 35 08				
30	eP		16 55 44				

*Sent by telegram to N.O.A.A.

P.J. Gregson,
Observer-in-Charge

International Seismological Centre

International Seismological Centre

BUREAU OF MINERAL RESOURCES GEOLOGY AND GEOPHYSICS

MUNDARING GEOPHYSICAL OBSERVATORY

AUSTRALIA

PRELIMINARY SEISMOLOGICAL BULLETIN

MUNDARING

OCTOBER 1972

CODE MUN

LATITUDE 31°58.7' S LONGITUDE 116°12.5' E

ELEVATION 253 m FOUNDATION Precambrian granite

COMPONENT	To (Seconds)	Tg (Seconds)	MAGNIFICATION at To	Peak	
SP Z	1.0	0.75	25K	43K	at 0.6 Sec.
SP N	1.0	0.75	25K	43K	at 0.6 Sec.
SP E	1.0	0.75	25K	43K	at 0.6 Sec.
LP Z	15	100	750	800	at 25 Sec.
LP N	15	100	375	400	at 25 Sec.
LP E	15	100	375	400	at 25 Sec.
SP Z	1.0	0.04	6K	160K	at 0.3 Sec.

ADDITIONAL ENQUIRIES TO - OBSERVER-IN-CHARGE
GEOPHYSICAL OBSERVATORY
MUNDARING W.A. 6073
AUSTRALIA

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
MUNDARING (MUN)							
October.							
*01	iP	D	23 56 20.5				
	i		58 10.1				
	e		01 00				
	eS		01 42				
02			Nil				
*03	eP		06 06 56				
*04	eP		19 19 56				
*05	eP		11 07 56				
05	iP	D	11 29 44.0				Meckering
	iS		29 53.3				ML = 2.1
	iL		56.5				
*06	iP	C	16 42 46.9	0.9	52mu	1.8	
*06	iP	D	16 50 31.1	1.0	140mu	2.1	
	eS		56 47				
*06	eP		20 07 24				
*07	iP	D	20 29 19.3				
07	iP	D	01 47 47.2				Meckering
	iS		57 58.0				ML = 2.8
*07	eP		05 42 33				
*07	eP		12 42 57				
*07	eP		16 17 54				
08			Nil				
09			Nil				
10			Nil				
*11	iP	D	10 57 01.6				
*12	iP	D	16 51 30.2				
*12	iP	C	17 56 35.3	0.5	130mu	2.4	
*12	eP		19 04 17				
	eS		08 01				
*13	eP		05 56 43				
*14	iP	D	00 12 18.0	1.1	150mu	2.2	
*14	eP		02 16 54				
15	iP	C	10 36 50.6				
16	iP	D	08 01 08.6				
*17	eP		19 45 42				
*17	eP		21 28 04				
*17	eP		21 45 04	LZ 20.0	40 u		
				LN 20.0	26 u		
				LE 20.0	17 u		
*18	iP	C	18 23 43.7				
*18	eP		20 07 09				
*19	eP		04 38 45				
*19	eP		07 25 05				
*19	iP	D	09 16 17.0				
*19	eP		13 12 03				
*19	eP		13 29 42				
*19	eP		17 35 51				
*19	eP		21 29 41				
19	iP	D	21 47 20.9				Meckering
	iS		47 31.2				ML = 2.6
19	iP	D	21 47 23.2				Meckering
							ML = 2.6
20	iP	D	04 53 32.3				
20	iP	C	06 44 42.1	LZ 20.0	12 u		
				LN 20.0	9 u		
				LE 20.0	8 u		
20	eP		08 37 18	LZ 20.0	34 u		
				LN 20.0	3 u		
				LE 20.0	23 u		

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
MUNDARING (MUN) Cont.							
October.							
20	iP	D	11 46 11.8				
20	eP		19 00 06				
21	iP	C	01 36 25.2				
*21	iP	D	02 35 23.8				
	eS		36 43				
*21	eP		09 17 49				
22			Nil				
*23	iP	C	08 57 13.0				
*23	iP	D	08 57 37.5				
*23	iP	D	08 58 59.8				
23	iP	D	15 46 15.6	0.5	91mu	2.2	
	iS		46 25.0	0.3	75mu	2.3	Meckering ML = 2.3
23	iP	D	15 46 33.3				
	iS		46 42.6	0.3	250mu	2.9	Meckering ML = 3.2
23	eP		15 46 41				
	eS		46 50				Meckering ML = 2.8
*24	eP		02 59 31				
*24	iP	D	07 41 18.0				
*25	eP		01 09 33	0.4	2.4mu	0.8	Mt. Fitton bla South Aust. MB = 4.7
*25	eP		02 38 43				
*25	iP	D	04 06 05.8	0.4	5.6mu	1.2	Kunanalling blast MB = 4.0
*25	iP	C	20 40 50.2				
*26	eP		17 15 08				
*26	iP	C	22 57 10.8				
*27	eP		09 31 48	0.9	122mu	2.2	
				LZ 20.0	37 u		
				LN 20.0	0 u		
				LE 20.0	18 u		
*28	eP		01 08 21				
*28	eP		01 17 34				
*28	eP		02 34 28				
*28	iP	C	03 25 30.0	0.9	210mu	2.4	
*28	eP		03 30 38				
*28	iP	C	04 59 56.3	0.8	60mu	1.9	
*28	iP	C	12 05 07.2				
*28	eP		17 26 38				
*28	iP	D	18 38 17.9	0.7	19mu	1.4	
*29	iP	D	07 31 03.0				
*29	iP	D	13 40 26.4				
*30	eP		10 38 24				
*30	eP		16 56 14				
				LZ 20.0	31 u		
				LN 20.0	9 u		
				LE 20.0	17 u		
*31	eP		20 46 20				

* Sent by telegram to N.O.A.A.

BUREAU OF MINERAL RESOURCES GEOLOGY AND GEOPHYSICS

MUNDARING GEOPHYSICAL OBSERVATORY

AUSTRALIA

International Seismological Centre

PRELIMINARY SEISMOLOGICAL BULLETIN

MUNDARING

NOVEMBER 1972

CODE MUN

LATITUDE 31°58.7' S LONGITUDE 116°12.5' E

ELEVATION 253 m FOUNDATION Precambrian granite

COMPONENT	To (Seconds)	Tg (Seconds)	MAGNIFICATION at To	Peak
SP Z	1.0	0.75	25K	43K at 0.6 Sec.
SP N	1.0	0.75	25K	43K at 0.6 Sec.
SP E	1.0	0.75	25K	43K at 0.6 Sec.
LP Z	15	100	750	800 at 25 Sec.
LP N	15	100	375	400 at 25 Sec.
LP E	15	100	375	400 at 25 Sec.
SP Z	1.0	0.04	6K	160K at 0.3 Sec.

ADDITIONAL ENQUIRIES TO - OBSERVER-IN-CHARGE
GEOPHYSICAL OBSERVATORY
MUNDARING W.A. 6073
AUSTRALIA

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
MUNDARING (MUN)							
November.							
*01	iP	C	06 40 09.3				
*01	eP		21 29 20				
*01	iP	C	22 03 51.5				
*02	iP	C	01 39 50.5	0.6	200mu	2.5	
*02	eP		09 57 46				
*02	eP		20 04 03	LZ 20.0	143 u		
*02	eP		23 20 33				
*03	eP		15 15 07				
*03	eP		16 23 44				
*03	eP		22 51 25				
*04	iP	C	03 58 36.0	LZ 20.0	43 u		
				LN 20.0	9 u		
				LE 20.0	26 u		
*04	iP	C	09 54 31.8				
*04	iP	C	21 41 05.0	LZ 20.0	9 u		
	e		41 26	LN 20.0	6 u		
	e		45 36	LE 20.0	3 u		
*04	eP		23 57 04				
*05	iP	C	00 10 49.7	1.1	550mu	2.7	
	e		14 52				
*06	iP	C	20 15 08.7				
*06	iP	D	22 15 42.9				
07			Nil				
*08	iP	C	12 54 10.8				
08	iP	C	22 55 13.6				
	iS		55 31.6				Manmanning ML = 3.0 felt.
*09	iP	C	07 01 03.0				
09	eP		08 13 41				
*09	iP	D	08 18 43.1	0.9	315mu	2.5	
09	iP	C	16 08 23.3				
*09	iP	C	16 45 41.6				
*09	eP		18 50 48				
09	iP	C	21 12 04.5				Manmanning ML = 2.7
10			Nil				
*11	eP		02 42 20				
*11	eP		11 04 03				
*11	eP		20 19 52				
*12	eP		02 35 01				
*12	eP		18 08 54				
*13	eP		05 03 19	LZ 20.0	11 u		
				LN 20.0	6 u		
				LE 20.0	7 u		
*13	iP	D	06 45 29.2				
*13	eP		08 21 44				
*13	iP	D	20 26 37.2	0.5	36mu	1.9	
*13	eP		23 23 49				
*13	iP	D	23 42 54.0	1.0	360mu	2.6	
*14	iP	D	15 32 18.3				
*14	iP	D	16 33 55.1	0.8	18mu	1.4	
*14	eP		22 33 32				
*15	eP		04 28 45				
*15	iP	C	08 29 54.5				
*15	iP	D	12 56 33.9				
*15	iP	C	16 23 36.5				
*16	eP		12 05 04				
*17	iP	D	00 33 54.6	0.9	32mu	1.5	

International Seismological Centre

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
MUNDARING (MUN) Cont.							
November.							
*17	iP	C	09 21 04.9				
*17	eP		15 15 10				
18	eP		02 35 40				
*19	iP	D	04 55 10.5				
*19	eP		06 55 46				
*19	iP	D	08 25 32.0				
18	eP		02 35 40				
19	iP	D	04 55 10.5				
19	eP		06 55 46				
19	iP	D	08 25 32.0				
*20	iP	C	04 52 58.1	0.6	62mu	2.0	
*20	eP		13 16 26				
	e		17 16				
*20	iP	C	14 33 31.2				
*21	iP	C	01 32 59.3				
*21	eP		02 56 51				
*21	eP		04 07 10				
*21	eP		07 43 07				
*21	eP		17 24 37				
*21	iP	C	20 41 55.7				
*22	iP	C	02 21 08.8				
*22	iP	C	13 59 54.8	1.0	116mu	2.1	
				LZ 20.0	16 u		
				LN 20.0	3 u		
				LE 20.0	10 u		
*22	eP		18 04 32				
23			Nil				
*24	eP		13 28 24				
*24	iP	C	15 01 43.1				
*24	iP	C	20 17 18.6				
				LZ 20.0	4 u		
				LN 20.0	1 u		
				LE 20.0	3 u		
*25	eP		03 22 03				
*25	eP		18 33 29				
	eS		37 08				
*25	iP	C	18 53 57.5				
*25	eP		19 06 46				
*26	eP		01 42 22				
*26	iP	D	04 31 45.5	0.6	55mu	1.9	
26	iP	D	04 50 09.8				Meckering
	iS		50 19.2				ML = 2.6
*26	iP	C	07 57 14.5	0.6	77mu	2.1	
*26	eP		15 10 08				
*26	eP		1; 41 44				
*26	iP	C	23 56 32.1				

International Seismological Centre

International Seismological Centre

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
MUNDARING (MUN) Cont.							
November.							
*27	iP	C	02 54 49.2	1.1	90mu	1.9	
	e		56 42				
*27	eP		03 34 07				
*27	eP		03 52 44				
*27	eP		06 00 08				
27	iP	D	06 45 23.5				Manmanning
	iS		45 40.5				ML = 2.2
*27	iP	C	06 49 00.3				
*27	iP	C	09 02 31.2	0.7	39mu	1.7	
*27	eP		12 38 10				
*27	iP	C	15 22 58.6	0.7	256mu	2.5	
*27	eP		20 41 44				
*27	iP	D	23 46 30.0				
*28	iP	D	07 13 46.4				
*28	eP		08 55 55				
*28	eP		12 55 53				
*29	eP		02 24 20				
*29	eP		03 06 04				
*29	eP		03 29 34				
	e		33 32				
*29	eP		08 08 32				
*30	iP	D	02 56 10.1	1.0	140mu	2.2	
30	eP		04 10 27				Local
30	eP		04 42 12				
*30	eP		05 42 02				
*30	eP		08 54 02				
*30	iP	D	10 26 27.9				
*30	iP	D	11 57 44.5				
*30	eP		18 57 19				
*30	eP		19 02 26				
*30	eP		19 55 52				
*30	eP		22 40 00				

International Seismological Centre

BUREAU OF MINERAL RESOURCES GEOLOGY AND GEOPHYSICS

MUNDARING GEOPHYSICAL OBSERVATORY

AUSTRALIA

PRELIMINARY SEISMOLOGICAL BULLETIN

MUNDARING

DECEMBER 1972

CODE MUN

LATITUDE 31°58.7' S LONGITUDE 116°12.5' E

ELEVATION 253 m FOUNDATION Precambrian granite

COMPONENT	To (Seconds)	Tg (Seconds)	MAGNIFICATION at To	Peak
SP Z	1.0	0.75	25K	43K at 0.6 Sec.
SP N	1.0	0.75	25K	43K at 0.6 Sec.
SP E	1.0	0.75	25K	43K at 0.6 Sec.
LP Z	15	100	750	800 at 25 Sec.
LP N	15	100	375	400 at 25 Sec.
LP E	15	100	375	400 at 25 Sec.
SP Z	1.0	0.04	6K	160K at 0.3 Sec.

ADDITIONAL ENQUIRIES TO - OBSERVER-IN-CHARGE
GEOPHYSICAL OBSERVATORY
MUNDARING W.A. 6073
AUSTRALIA

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T
MUNDARING (MUN)						
December.						
*01	eP		15 00 23			
*02	iP	D	00 27 16.3			
*02	iP	D	01 02 34.0			
*02	iP	C	01 05 01.6			
*02	eP		01 07 40			
*02	iP	C	01 10 36.4			
*02	iP	C	01 12 04.1			
*02	iP	D	01 12 50.2			
*02	iP	C	01 21 51.0			
*02	eP		01 23 21			
*02	eP		01 33 03			
*02	eP		01 38 21			
*02	eP		01 39 21			
*02	eP		01 43 33			
*02	iP	C	01 45 07.0			
*02	iP	C	01 48 15.0			
*02	iP	C	02 04 46.6			
*02	eP		02 08 30			
*02	eP		02 20 22			
*02	eP		02 21 47			
*02	eP		02 29 30			
*02	eP		02 37 25			
*02	eP		02 38 32			
*02	iP	C	03 04 04.4			
*02	iP	D	03 36 46.0			
*02	iP	D	04 04 23.0	0.6	214mu	2.5
*02	eP		04 10 08			
*02	iP	C	04 38 50.7			
*02	iP	D	04 39 14.0	0.6	75mu	2.1
*02	eP		05 11 28			
*02	iP	D	05 37 40.3			
*02	iP	C	05 55 44.2	0.8	60mu	1.9
*02	eP		06 16 02			
*02	iP	D	06 52 25.0			
*02	iP	D	06 55 57.3			
*02	iP	D	07 01 57.1			
*02	iP	C	08 21 34.0			
*02	iP	D	08 25 32.9			
*02	eP		09 01 56			
*02	iP	D	09 23 27.1			
*02	eP		10 01 44			
*02	eP		10 23 47			
*02	iP	D	10 32 18.6			
*02	eP		10 43 32			
*02	eP		11 34 17			
*02	eP		12 28 11			
*02	eP		12 31 30			
*02	eP		12 36 04			
*02	eP		14 54 54			
*02	iP	C	16 03 46.6			

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Date 1972	Phase	Dir.	G.M.T.		Per. (sec.)	Amp.	LogA/T
MUNDARING (MUN) Cont.							
December.							
*02	iP	D	18 20 45.9				
*02	eP		18 23 15				
*02	iP	C	20 04 08.0				
*02	eP		21 07 53				
*02	iP	C	21 55 12.9				
*02	eP		22 02 39	LZ	20.0	24 u	
				LN	20.0	18 u	
				LE	20.0	3 u	
*02	iP	D	23 44 07.5				
*03	iP	C	00 10 17.4				
*03	eP		00 11 31				
*03	iP	D	01 09 09.2				
*03	iP	C	01 34 18.3				
*03	eP		02 01 40				
*03	iP	D	02 27 08.9				
*03	eP		02 58 57				
*03	eP		03 11 57				
*03	eP		05 02 01				
*03	iP	C	07 52 27.0				
*03	iP	C	09 03 47.5				
*03	eP		09 32 46				
*03	iP	C	10 07 02.7				
*03	iP	C	11 23 31.7				
*03	eP		12 16 56				
*03	eP		12 30 16				
*03	iP	D	16 15 23.8				
*03	iP	C	19 06 21.9				
*03	eP		19 32 54				
*03	eP		20 39 10				
*03	eP		20 43 06				
	e		45 08				
*03	eP		20 48 19				
*03	eP		20 49 28				
*04	eP		03 11 44				
*04	eP		03 22 16				
*04	iP	D	07 05 51.9				
*04	eP		07 23 52				
*04	iP	C	10 27 11.0		1.4	3370mu	3.4
	eS		36 05				
*04	eP		10 55 24				
*04	eP		12 01 37				
*04	iP	C	15 01 56.2				
*04	iP	C	15 11 21.1				
	e		11 57				
*04	eP		17 58 22				
*04	eP		18 44 18				
*04	eP		21 47 38				
*05	iP	C	00 28 42.8				
*05	eP		00 40 23				
*05	eP		00 56 04				
*05	iP	C	02 04 40.2				

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International Seismological Centre

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T
MUNDARING (MUN) Cont.						
December.						
*05	eP		02 53 20			
*05	iP	C	04 22 08.1			
*05	eP		06 10 26			
*05	eP		09 32 41			
*05	eP		14 14 41			
*05	iP	C	15 25 12.9			
*05	iP	C	15 34 10.2			
*05	eP		16 01 38			
*05	iP	D	16 56 02.3			
*05	eP		22 06 53			
*06	eP		00 38 38			
*06	eP		01 50 26			
*06	eP		02 32 38			
*06	eP		03 48 26			
*06	eP		04 52 48			
*06	iP	C	05 40 41.8			
06	eP		07 37 51			
*06	iP	D	10 31 22.3			
*06	eP		11 50 49			
*06	eP		14 14 01			
*06	iP	C	16 16 11.2			
*05	eP		18 08 26			
*06	eP		20 23 08			
*06	eP		22 24 21			
07	iP	C	04 41 21.3			
07	eP		05 28 24			
07	eP		07 41 27			
07	eP		09 31 48			
07	eP		11 48 25			
07	eP		14 08 17			
07	iP	C	14 57 21.8			
07	iP	D	21 03 16.9			
08	iP	C	02 49 59.2			
08	eP		07 55 24			
08	iP	D	08 20 21.1			
08	eP		08 55 02			
08	eP		09 22 57			
08	eP		09 38 12			
08	eP		10 25 35			
08	iP	C	10 35 51.0			
08	eP		10 40 33			
08	iP	C	10 46 26.5			
08	eP		13 20 21			
08	iP	C	17 03 15.0	0.6	58mu	2.0
08	iP	C	17 35 43.3	0.6	38mu	1.8
08	iP	C	17 40 39.0			
08	iP	D	18 11 21.9			
08	eP		18 19 45			
	e		19 53			
08	eP		19 06 08			

Date 1972	Phase	Dir.	G.M.T.	Per. (sec.)	Amp.	LogA/T	
MUNDARING (MUN) Cont.							
December.							
*08	eP		19 46 21				
*08	eP		20 10 08				
*08	eP		20 24 34				
*08	eP		20 34 34				
*08	iP	C	20 34 53.0				
*08	iP	D	20 42 44.0				
*08	eP		20 50 37				
*09	iP	D	00 15 07.0				
*09	iP	C	05 04 18.0				
*09	iP	C	06 11 12.5				
*09	iP	C	06 16 58.3				
*09	eP		06 25 03				
*09	iP	D	06 28 52.1				
*09	iP	C	06 35 19.3				
*09	iP	C	07 35 22.0				
*09	iP	D	08 29 40.9				ML = 2.3
	iS		29 59.0				
*09	eP		13 03 21				
*09	eP		13 12 33				
*09	eP		13 18 06				
*09	iP	D	13 33 02.2				
*09	eP		16 21 45				
*09	eP		17 03 11				
*09	iP	C	17 36 40.9				
*10	eP		00 35 06				
*10	eP		02 37 16				
	e		40 36				
10	eP		03 39 44				
*10	eP		04 09 17				
*10	iP	C	04 39 51.0				
	i		40 00.3				
*10	iP	D	04 53 01.9				
	e		53 07				
*10	iP	D	05 18 08.6				
*10	iP	C	11 13 07.2				
*10	iP	C	13 10 44.1				
*10	iP	D	18 38 28.8				
*11	eP		00 22 52				
*11	eP		01 20 26				
*11	iP	C	02 35 23.7				
*11	iP	C	02 44 18.8				
*11	iP	C	03 02 42.0				
*11	eP		05 06 49				
	e		08 43				
*11	iP	D	05 19 27.9				
*11	iP	C	09 45 57.0				
*11	iP	D	11 25 09.1				
*11	eP		12 11 05				
*11	iP	D	18 28 22.9				
*11	iP	C	19 50 05.3				
*11	iP	C	22 01 34.5				

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Date 1972	Phase	Dir.	G.M.T.		Per. (sec.)	Amp.	LogA/T
MUNDARING (MUN) Cont.							
December.							
*12	iP	C	05 02 02.9				
*12	eP		06 00 44	–			
*12	iP	C	06 01 34.6				
*12	eP		16 52 25				
*12	eP		17 54 20	–			
*12	iP	C	18 08 11.6		0.6	37mu	1.8
*13	eP		14 32 24				
*13	iP	D	15 32 34.8				
*13	eP		20 55 24				
*13	eP		22 12 51				
*14	iP	C	08 47 30.1				
*14	eP		11 28 03	–			
*14	iP	C	16 32 21.6				
*14	iP	C	20 57 06.0				
*14	eP		21 06 35				
	e		10 15				
*15	iP	C	06 26 24.1				
*15	eP		08 24 45				
*15	eP		09 27 00				
*15	eP		10 55 36				
*15	iP	C	15 53 07.3				
*16	iP	C	04 15 03.7				
*16	iP	C	11 38 23.3	LZ	20.0	13 u	
				LN	20.0	7 u	
				LE	20.0	6 u	
*16	eP		16 34 42	–			
*16	iP	C	23 55 43.6				
*17	iP	D	00 19 36.2				
*17	eP		00 31 04				
*17	eP		14 20 25				
*17	iP	C	18 08 50.2				
*18	eP		01 31 08				
*18	iP	C	06 40 33.3				
*18	iP	C	06 44 58.6				
*18	iP	D	07 02 31.8				
*18	iP	C	07 22 28.4				
*18	iP	C	08 32 04.5		0.8	60mu	1.9
*18	iP	C	10 10 34.0		0.8	45mu	1.8
*18	iP	D	11 30 11.0		0.7	67mu	2.0
*18	eP		14 03 48	LZ	20.0	12 u	
				LN	20.0	9 u	
				LE	20.0	9 u	
*19	eP		00 19 40				
*19	eP		02 47 6				
*19	iP	C	14 42 22.3				
	e		46 25				
*19	eP		15 28 29				
*19	iP	D	15 57 29.1				
*19	iP	C	19 47 49.0				
*20	iP	C	06 56 48.2				
*20	eP		06 23 37				

International Seismological Centre

Date 1972	Phase	Dir.	G.M.T.		Per. (sec.)	Amp.	LogA/T	
MUNDARING (MUN) Cont.								
December.								
*20	eP		10 14 50					
*20	eP		11 13 21					
*20	iP	C	15 33 16.0					
*20	iP	D	18 02 13.3					
*20	iP	C	19 06 23.2					
*20	eP		20 00 57					
*20	eP		22 50 34					
*21	iP	C	01 15 22.0					
*21	eP		03 50 22					
*21	iP	C	09 59 37.2			0.9	74mu	1.9
*21	eP		13 16 07					
*22	iP	C	08 49 23.9					
*22	iP	C	09 00 45.3					
	e		01 19					
*22	iP	D	09 04 27.9					
	e		05 55					
*22	eP		10 49 01					
*22	iP	C	12 31 45.8	LZ		20.0	15 u	
				LN		20.0	8 u	
				LE		20.o	6 u	
*22	eP		12 55 54					
*22	iP	D	13 18 22.0					
*22	eP		16 32 52					
*22	iP	D	18 51 15.3					
*22	eP		19 03 55					
*22	eP		20 04 48					
*22	eP		23 46 00					
23	eP		01 32 51					
	eS		34 31					
*23	eP		05 08 31					
*23	eP		06 49 34					
	i		49 40.1					
*23	iP	C	07 39 44.3					
*23	iP	C	15 41 21.0					
*23	iP	C	17 11 25.7					
*24	iP	C	02 35 03.2					
*24	eP		07 59 31					
*24	eP		09 56 22					
*24	iP	D	20 38 13.2					
*25	iP	D	03 41 39.1					
*25	iP	D	13 59 42.0					
*25	eP		19 09 04					
*25	iP	D	22 28 47.2					
*25	iP	C	22 29 49.1					
*26	eP		04 43 18					
26	iP	D	06 58 37.8					Meckering
	iS		58 49.0					ML = 2.8
26	iP	C	21 11 49.0					
*27	eP		10 07 04					
*27	iP	D	14 17 50.9					
*27	iP	C	18 09 13.0			0.7	35 u	1.7

International Seismological Centre

Date 1972	Phase	Dir.	G.M.T.		Per. (sec.)	Amp.	LogA/T
MUNDARING (MUN) Cont.							
December.							
*28	iP	D	00 07 44.4				
*28	eP		02 49 36	LZ	20.0	11 u	
				LN	20.0	6 u	
				LE	20.0	12 u	
*28	eP		04 13 05				
*28	iP	D	06 01 30.2				
*28	iP	D	09 08 35.7				
*28	eP		12 20 58				
*28	iP	D	17 09 43.1				
*28	iP	C	18 36 43.2		1.0	40mu	1.6
*28	iP	C	19 31 47.3				
*29	iP	C	08 55 03.3				
*29	iP	C	12 26 40.7				
*29	eP		12 36 45				
*29	eP		19 14 04	LZ	20.0	12 u	
*29	eP		21 16 33				
*29	iP	C	22 26 56.0				
*30	iP	D	06 08 30.1				
*30	eP		06 13 25				
*30	eP		07 18 37				
*30	eP		16 50 41				
*30	iP	D	17 36 40.5				
*30	iP	D	23 05 28.0				
*31	eP		00 05 19				
*31	iP	C	21 23 08.0				

* Sent by telegram to NOAA.