COMMONWEALTH OF AUSTRALIA

DEPARTMENT OF NATIONAL DEVELOPMENT

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International Seismological Centre

PROVISIONAL READINGS AT THE SEISMOLOGICAL OBSERVATORY :

MELBOURNE
JANUARY 1962

4	Z	iP	04 47 01	
	NEZ	iP	07 41 23	compr., south, east.
5	Z	eP	00 31 07	
	E	e(S)	37 15	
	E	i	40 33	
	EZ	eL	42 ..	
	EZ	eP	08 16 10	
	EZ	eL	29 ..	
	N Z	eP ?	11 57 35	
7	Z	eP	10 17 30	
8	NEZ	eiP	01 19 54	
	Z	i	20 06	
	Z	i	21 04	
	Z	i	21 42	
	E	e(S)	36.2 ..	
	E	eL	02 09 ..	
	EZ	iP	05 49 44	
9	NEZ	eP ?	01 24 02	
	NEZ	iP	02 08 05.0	
	NEZ	iS	08 07.7	local
	NEZ	i	08 10.1	
	N Z	eiP	12 53 10	
	Z	e	53 22	
	NE	eS	13 03 03	
10	NEZ	iP	05 40 58.8	local
	NEZ	iS	41 17.2	
	NEZ	iP	06 12 45.0	
	NEZ	iS	13 03.5	local
	Z	e(Pn)	19 37 31.6	
	Z	e	37 36.0	
	EZ	e(Pg)	37 49.0	regional
	EZ	i(Sn)	38 21.8	
	E	i	38 38.2	
	EZ	i(Sg)	38 42.0	
11	Z	eP	03 14 13	
	Z	i	14 15	
	Z	eP ?	05 21 13	

MAWSON
JANUARY 1962

4	iP	07 46 14
5	eP	00 36 16
	iP	07 20 56

MAWSON (continued)
JANUARY 1962

5	iP	12 03 39
	eP	14 12(54)
7	eP	01 50 09
	eP	22 11 40
8	iP	01 19 14
	iP	05 54 51
9	iP	12 59 46
	iP	19 58 08
10	iP	02 39 47
	eiP	22 10 53
11	iP	03 13 44

WILKES
DECEMBER 1961

1	eP	21 25 56
	iS	36 37
	i	42 47
3	i(P)	16 25 12
5	iP	13 05 51
	iS	09 39
	iP	13 46 06
	iS	54 24
	i(P)	16 59 44
	iS	17 09 31
8	iS	09 56 27
9	iP	11 29 22
	ipP	29 33
	i(PP)	31 58
	iS	38 36
14	iP	07 21 11
	iS	30 05
17	iP	22 17 00
	iPP	17 22
	iS	20 48
19	iP	13 45 47
24	iP	23 55 07
	iS	24 04 51

P.T.O.

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WILKES (continued)

25	iP	08 11 28
	iP	14 06 20
	iS	15 08
26	iP	04 34 15
	iS	41 48
	eP	06 25 36
	iS	32 09
27	iP	22 56 05
	iS	23 02 28
29	iP	00 06 30
30	eP	01 01 28

R. F. Thyer

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CHIEF GEOPHYSICIST

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MELBOURNE
JANUARY 1962

12	NIL			
13	eP	EZ	08	26 35
	e	Z		26 41
	i	Z		26 46
	e(pP)	EZ		28 18
14	iP	EZ	13	46 03 dil.
15	iP	Z	18	27 29 dil.
16	iP	Z	11	42 02.1 comp.
	i	NEZ		42 05
	i	Z		42 09
	i	NE		42 12
	i	E		42 20
	i	Z		42 26
	i(PcP)	NEZ		43 08
	e	N		43 23
	i(PcS)	EZ		47 08
	e	E		48 34
	i(S)	NEZ		50 09
	i	E		50 32
	i	E		50 59
17	eP	NEZ	13	26 08
	e	Z		26 15
	e	E		26 36
	eP	N Z	13	32 45
	e	NEZ		33 10
	i	E		34 54
	e(S)	NE		36 02
	e	E		37 52
	e	E		39 18
	e	NE		40 27
	eP	NEZ	15	37 29
	e	Z		37 36
	eP	N Z	15	51 27
	e	Z		51 33
18	e(P)	Z	15	52 23
	eP	Z	16	00 24
	e	Z		00 42
	e(P)	Z	16	03 09
	e	Z		03 18

MAWSON
JANUARY 1962

16	eiP	11	47 05
	iX		47 08

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PROVISIONAL READINGS AT THE SEISMOLOGICAL OBSERVATORY :

MELBOURNE
JANUARY 1962

19	Z	e(P)	02 30 57
	Z	e	31 11
	Z	eP	16 14 08
	Z	e	14 20
	Z	eP	22 11 55
	Z	e	11 57
	E	e(S)	15 24

Confused by microseisms.

21	NEZ	iP !	12 58 22.5 dil.
	NE	i	58 27
	N	i	58 31
	Z	i	58 33
	E	i	58 37
	N	i	58 38
	EZ	e	58 39
	N	i	58 48
	Z	e	58 56
	N	i	59 12
	N	e	59 17
	Z	e	59 18
	N	e	59 47
24	Z	e(P)	17 52(49)
25	Z	iP	01 56 26 dil.
	Z	i	56 33
	NEZ	i	56 36
	Z	i	56 39
	N Z	i	56 41
	N Z	i	57 02
	E	e(S)	02 02 31
	E	eL	04.0 ..

MAWSON
JANUARY 1962

18		eiP	15 58 18
		eiP	16 06 20
		iP	16 09 06
21		iP	13 03 27

MACQUARIE ISLAND
JANUARY 1962

19		iP	22 09 14
21		eP	12 58 48
23		iP	03 51 44

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JANUARY 1962

26	NIL		
27	NIL		
28	NEZ	eiP	05 48 06
	NE	e	48 10
	Z	e	48 14
	N Z	e	48 19
	EZ	e	48 40
	NE	eS	54 29
	E	e	06 05.2 ..
	Z	eP	16 49 00
	Z	e	49 06
	Z	e	49 24
	Z	i(P)	16 50 53
29	Z	eP	11 49 21
	E	e(S)	56 38
	E	eL	58.5 ..
30	EZ	iP	15 08 21 dil.
	Z	eP	18 36 46
	Z	e	37 19
	E	eL	45.5 ..
31	NIL		

FEBRUARY 1962

1	Z	eP ?	00 22 56
	NEZ	eiP	00 46 18
	NEZ	i	46 20
	E	i	46 24
	EZ	i	46 28
	Z	i	46 31
	Z	i	46 54
	E	iS	51 26
	E	e	56 30

MAWSON

JANUARY 1962

22	iP	16 25 46	
30	eP	07 59 02	
	eP	17 20 50	
31	eiP	00 51 14	

R F Thyer per

(R.F. THYER)
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MELBOURNE
FEBRUARY 1962

2	EZ	iP ?	06 20 17	
	N Z	i	20 20	
3	NEZ	iP !	00 45 06	Compr.,north east
	NEZ	i	45 12	
	N Z	i	45 19	
	N Z	i	45 47	
	N	i	46 19	
	Z	i	46 32	
	Z	i	46 52	
	NE	i	50 55	
	Z	i	50 57	
	E	iS	51 02	
	N	iS	51 05	
	E	i	53 21	
	E	i	54 32	
	E	i	55 23	
	E	i	57 35	
	N	i	58 14	
	E	iM	58 28	
4	Z	e(P)	00 13 52	
	NEZ	e(P)	03 02 18	
	NEZ	i	02 24	
	N	i	02 53	
	NEZ	e	02 58	
	N Z	e	04 11	
	E	e	13 13	
	E	e	14 52	
	NE	eL	03 18 ..	
7	Z	eP ?	17 32 56	
8	N Z	iP	11 56 01	
	N Z	i	56 09	
	N Z	i	56 20	
	Z	i	56 30	
	Z	e	57 26	
	E	iS	12 01 34	
	N	e	01 38	
	E	i	01 42	
	N	e	02 18	
	E	e	03 52	
	N	e	04 22	
	E	e	04 36	
	N	e	05 07	
	E	i	05 29	
	Z	i	07 16	
	Z	M	11.6 ..	

MACQUARIE ISLAND
FEBRUARY 1962

3	eP	00 47 36	
4	eP	03 04 40	

MAWSON
FEBRUARY 1962

2	eP	15 17 36	
	eP	11 00 59	
4	eX	19 03 02	
5	iP	02 28 51	
	iP	05 55 31	
6	eX	13 51 38	
7	iP	01 32 07	

WILKES
JANUARY 1962

30	iP ?	09 17 31	
	iP	18 41 06	

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PROVISIONAL READINGS AT THE SEISMOLOGICAL OBSERVATORY :

MELBOURNE
FEBRUARY 1962

9	EZ	eP	05 43 25
	NEZ	iP	21 59 09 dil.
	EZ	i	22 00 59
10	Z	iP	19 51 44 dil.
11	NEZ	iP	19 02 09
	NEZ	i	02 14
	N	i	02 30
	Z	i	02 32
	N Z	i	02 37
	N Z	i	02 46
	E	i	02 51
	N Z	i(PP)	03 19
	E	i	03 33
	N	i	05 07
	NE	eS	07 27
	N	e	08 03
	E	i	08 05
14	EZ	eP	06 49 43
	EZ	i	49 49
	Z	e(PP)	53 31
	Z	e	54 18
	NEZ	e(SKS)	07 00 09
	NE	e(S)	00 54
	N	e	02 16
	EZ	i	02 24
	E	i	03 00
	E	e(SS)	07 23
	E	e(SSS)	11 18
	Z	eLR	21.0 ..
	Z	M	29.3 ..
	NEZ	iP	11 51 56 compr.,South(East)
15	EZ	eP	15 32(09)
	N Z	i	32 12
	E	i	32 17
	Z	i	32 25
	Z	i	32 38
	Z	i	32 40
	Z	i	33 04
	Z	i	33 23
	E	e(S)	37 30
	E	e	38 13
	E	e	39 55
	Z	i(P)	15 35 50

MACQUARIE ISLAND
FEBRUARY 1962

11	iP	19 04 19	

WILKES
FEBRUARY 1962

11	iP	19 06 24	up, South West.
	iS	15 19	

MAWSON
FEBRUARY 1962

10	e(P)	01 24 46	
	eP	23 05 17	
11	iP	19 08 03	
	iX	08 33	
12	eP	04 15 40	
	iP	15 33 55	
13	iP	11 29 32	
	i	31 51	

R F Thyer per CLE

(R.F. THYER)
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PROVISIONAL READINGS AT THE SEISMOLOGICAL OBSERVATORY

WEEKLY SEISMIC BULLETIN

23/2/1962

MELBOURNE
FEBRUARY 1962

16	NIL				
17	N Z	eP	03	49	29
	NE	e(s)		54	13
	NE	e		54	29
	NE	e		55	17
	N Z	eP	11	14	(22)
	NEZ	i		14	31
19	Z	iX	00	59	46
	Z	eP	05	26	59
	EZ	iP	11	12	02
20	NEZ	iP	10	12	52
	NE	iS		17	10
	Z	eP	16	17	52
	N Z	i(pP)		18	07
	N Z	iP	20	17	01
	Z	iP	22	14	39
21	EZ	iP	00	12	49
	EZ	eP	09	54	29
22	NIL				

MACQUARIE ISLAND
FEBRUARY 1962

15	iP	15	34	16
	iP	18	39	18
17	eP	03	45	32
19	iP	05	23	01
	i(S)		23	56
21	eP	09	51	51

WILKES
FEBRUARY 1962

14	iP	06	47	46	up, north
	iS		57	30	

MAWSON
FEBRUARY 1962

14	iP	06	47	11
	epP		48	44
	eX		49	33
	ePP		50	16
	eX		50	26
	eS		56	14
	eSS	07	00	28
	eSSS		04	00
	eP	10	13	14
	eP	11	21	36
15	eP	08	24	58
	eX		25	24
	eX		26	16
	eP	09	51	28
	iP	10	01	23
	eX		01	37
	eP	08	06	33
17	iP	11	57	08
	eP	12	01	21
	iP	22	48	57
18	iP	00	26	18
19	eP	08	51	44
	iP	10	03	00
	eX		03	26
	eP	10	11	25
	eS		18	25
	iP	16	41	26
20	eX	10	32	45
	eP	12	51	29

R F Thyer
for

(R.F. THYER)
Chief Geophysicist.

4/3

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PROVISIONAL READINGS AT THE SEISMOLOGICAL OBSERVATORY :

ELBOURNE
EBRUARY 1962

23	N Z	eP	18	12	15	
	N Z	e		12	21	
	E	e(S)		22	24	
	Z	eP?	19	38	19	
	N Z	iP	20	28	16	compr., north
	Z	i		28	22	
	Z	i		28	26	
	N Z	e		29	11	
	Z	i		29	19	
	E	e(S)		33	46	
	N	i(S)		33	47	
	E	e		37	11	
	E	e		37	52	
24	N Z	e(P)	19	41	03	
	NE	eL		54.0		
27	EZ	e(P)	04	31	51	
	Z	e		32	01	
	NEZ	eL	13	26½		
	NEZ	iP	14	28	36	
	N Z	i		28	43	
	N	i		29	40	
28	Z	eX	05	42	42	
	Z	e		43	46	

MAWSON:
FEBRUARY 1962

21	eP	14	10	32	
22	eP	23	51	48	
23	eP	07	42	26	
	eP	09	37	09	
	eX	10	08	56	
	eX	13	25	46	
25	eX	14	11	11	
	iP	19	08	33	
26	iP	06	04	17	
28	eP	05	29	43	

R. F. Thyer per CHC

(R.F. THYER)
CHIEF GEOPHYSICIST.

2/3/1962.

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PROVISIONAL READINGS AT THE SEISMOLOGICAL OBSERVATORY:

MELBOURNE
MARCH 1962

1	NEZ	iP	23	47	56	compr.
	Z	e		49	21	
	Z	e		53	10	
	E	e		53	13	
	N	e(S)		53	27	
	N	e		55	56	
	N	e		56	42	
	N	e		57	38	
	NEZ	eL		58½		
2	Z	iP	13	11	29	
	Z	i		13	28	
	Z	i		13	55	
	N	i(S)		21	42	
3	Z	iP	10	09	03	
	Z	iP	12	23	29	
	NEZ	i(P)	22	08	(18)	regional?
	NE	i(S)		09	(14)	
5	Z	eP	15	08	58	
6	Z	iP	06	06	58	
7	NEZ	iP!	11	09	49	compr.
	NEZ	i		09	55	(south west)
	Z	i		10	09	
	Z	i(pP)		11	58	
	E	i		12	14	
	Z	i		12	57	
	N	iS		16	52	
	E	iS		16	53	
	N	i(ScS)		18	30	
	E	e(sS)		20	43	
	N	e		20	55	
	N	e		24	16	
	E	i		24	20	
8	NIL					

MAWSON
MARCH 1962

1	eX	11	12	16
	eX	15	23	42
	eX	21	07	25
2	eX	02	37	32
	eP	08	11	38
	eP	14	27	05
	eP	15	27	38
	e		27	48
	e		29	28
	eP	20	57	05
3	eP	11	09	40
4	eP	01	36	13
	eX	04	24	30
	eX	23	53	04
	e		57	50
5	eX	07	48	12
	eP	18	56	34
6	eX	15	58	39
	eX	22	33	44

MACQUARIE ISLAND
MARCH 1962

3	eP	12	25	44
7	eP	11	11	41

WILKES
FEBRUARY 1962

27	eP	12	52	35
	iS	13	02	16

MARCH 1962

1	e(P)	22	51	52
	eS	23	00	47
	iS		00	49
2	eX	00	47	48
3	eP	12	25	48
	iS		35	56

R F Thyer per CWC

(R.F. THYER)
Chief Geophysicist.

9/3/1962.

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PROVISIONAL READINGS AT THE SEISMOLOGICAL OBSERVATORY :

MELBOURNE
MARCH 1962

9	NEZ	iP	07 03 47	Compr.(north,east)
	Z	i	03 49	
	NEZ	iP	17 35 50	Compr.
	N Z	iP	22 13 59	Dil. north
	Z	i	14 04	
	Z	i	14 21	
	NE	iS	19 08	
	NEZ	eL	26 ..	
10	Z	iP	01 19 54	
	EZ	iP	05 05 38	Dil.
11	N Z	eP	19 27 57	
	Z	i	28 00	
	Z	i	28 10	
	Z	i	29 57	
	Z	i	32 37	
	NE	iS	35 03	
	E	i	38 42	
	N Z	M	49 ..	
12	Z	e(PKP)	11 59 24	
	E	e	12 19 ..	
13	NIL			
14	NIL			

MACQUARIE ISLAND
MARCH 1962

9		eP	22 16 23
11		eP	19 30(09)

MAWSON
MARCH 1962

7		eP	11 18 31
		eX	16 58 07
8		eP	15 33 40
		eX	16 48 09
		eX	23 51 02

MAWSON (continued)
MARCH 1962

9		eX	11 51 01
		eP	16 36 30
11		eX	04 54 29
		eP	09 58 16
		eX	58 39
		eX	10 01 59
		e	02 29
		eX	10 22 06
		eX	11 44 02
		eX	19 32 13
12		eX	04 34 07
		eX	11 33 50
		eX	15 40 12
		eX	44 36
		eX	19 02 03
		eX	22 26 49
13		eX	09 19 39

R.F. Thyer

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CHIEF GEOPHYSICIST

16. 3. 62

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PROVISIONAL READINGS AT THE SEISMOLOGICAL OBSERVATORY :

MELBOURNE MARCH 1962

15	NIL					
16	NEZ	iP	19	49	12	dil., north
	NEZ	i		49	22	
	Z	i		49	24	
	E	eS		54	44	
	Z	e(Lr)		58	8 ..	
	E	i(ScS)		59	41	
17	Z	e(PKP)	21	07	28	
	Z	i		07	50	
	Z	i		07	58	
	E	e		13	3	
	E	e		19	4	
	NE	e		27	4	
	NE	e(SSS)		30	6	
18	NEZ	eP	03	12	24	
	Z	e(PcP)		13	27	
	Z	e		13	34	
	NE	e(PcS)		17	29	
	NE	e(S)		19	25	
	E	e		19	32	
	E	i		19	40	
	E	e		20	38	
19	Z	iP	04	54	00	
	Z	i		54	01	
	Z	i		54	02	
	E	eS		57	44	
	NEZ	iP	06	02	20	dil., north,west
	NEZ	i		02	25	
	Z	i(pP)		02	53	
	Z	i		03	09	
	Z	i		03	41	
	Z	i		04	11	
	Z	i		04	48	
	NE	iS		08	34	
	E	i(PS)		08	39	
	E	i(sS)		09	23	
	E	e		11	51	
	Z	iP	06	07	49	dil.
	NEZ	iP	07	08	11.0	Local
	NEZ	iS		08	13.7	
20	NEZ	e(P)	02	35	02	
21	Z	e(P)	02	36	00	
	NE	e		40	8	

MELBOURNE MARCH 1962 (continued)

21	NEZ	iP	23	05	02 compr.
	Z	i		06	39
	NEZ	i(pP)		06	55
	Z	i		06	57
	EZ	i(ScP)		09	32
	NEZ	iS		10	45
	NE	i(sS)		13	53
	Z	i(P)	23	17	31

MAWSON MARCH 1962

14	eP	09	02	32
	i(P)	10	16	49
	eP	13	14	49
	eX	13	19	02
	e(P)	15	45	00
	e(P)	19	27	31
15	e(P)	10	23	43
17	eP	20	04	33
	eX	21	23	00
	e(S)		31	02
	eX	22	01	42
	eP	22	03	14
18	eP	03	05	04
	eX	08	05	12
	iP	21	01	04
19	eP	01	45	52
	epP		46	21
	iP	06	06	27
	e		06	31
	eP	23	39	51
20	eX	07	58	36
21	eP	03	09	13

MACQUARIE ISLAND MARCH 1962

19	iP	06	04	41
	ipP		05	16

P.T.O.

WILKES
MARCH 1962

21	iP	23	07	03	compr., south
	iS		14	30	
	i(sS)		15	54	
22	iP	00	28	57	dil., north
	i(pP)		29	36	
	eS		36	21	
	iS		36	25	

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MELBOURNE
MARCH 1962

22	NEZ	iP	00 26 55	
	Z	i	27 14	
	Z	i(pP)	28 32	
	Z	i	31 28	
	NEZ	iS	32 40	
	E	i	36 07	
	Z	i(P)	00 46 23	
	Z	e	46 41	
	Z	e	49 19	
	NEZ	iP	15 19 55	compr.
	N Z	ipP	20 10	
	NE	iS	25 26	
	NE	i	25 28	
	E	i	27 29	
	E	e	28 29	
	E	i	29 29	
	N	i(SeS)	29 53	
	Z	i(P)	16 23 28	dil.
	Z	i	23 29	
	Z	i	23 42	
23	Z	iP ?	00 22 04	
	Z	e(P)	14 50.1 ..	
	N	eL	56.0 ..	
24	NEZ	iP	13 05 51	compr.
	N Z	i	05 54	
	N Z	e	06 18	
	N Z	i(pP)	06 20	
	Z	i	06 25	
	E	i	07 25	
	NE	iS	10 55	
	E	i	13 19	
	N Z	i	20 11	
25	Z	e(P)	21 52 36	
26	Z	eP ?	03 18 32	
	Z	eL	17 18 ..	
27	NEZ	iP	05 29 33	compr.
	EZ	e	31 33	
	NE	i(S)	35 10	
	NE	e	35 50	
	Z	i(P)	14 56 42	
	Z	e	57 05	
	NEZ	iP	17 54 45.2	)regional
	NEZ	iS	55 01.0	)
28	Z	e(P)	04 15(20)	
	EZ	e	15 25	
	Z	e	15 38	

MELBOURNE
MARCH 1962 (continued)

28	NEZ	eiP	06 22 53	dil.
	EZ	i	23 21	

WILKES
MARCH 1962

22	iP	15 23 56	compr., west.
	iS	32 48	
24	iP	13 10 03	dil.
	e(pP)	10 25	
	eS	18 32	
26	iP	16 44 14	compr.
	eS	53 47	
	e(S)	53 55	

MACQUARIE ISLAND
MARCH 1962

21	e(P)	23 07 09
22	e(P)	00 29 03
24	eP	13 08 17
25	e(P)	17 33 32

MAWSON
MARCH 1962

21	eX	07 31 16
	eX	12 44 02
	iP	23 08 06
	e	08 09
	eX	23 35 58
22	iP	00 29 59
	eX	30 17
	eP	07 56 41
	e(S)	58 57
	eX	09 23 34
	i(P)	15 25 18
	e	32 48
	eP	16 28 48
	eX	18 54 06
	iP	19 14 36
	eP	22 07 40
	eX	09 10
23	eP	00 45 20
	iP	02 08 46

P.T.O.

MAWSON (continued)

23	eP	19 25 37
	eX	23 21 09
	eX	23 34 58
24	eX	02 54 29
	iP	13 11 40
	eP	13 19 35
	e(S)	21 43
	eX	19 28 30
	eP	19 28 58
25	eP	00 13 55
	eP	10 12 41
	iP	14 23 48
	iP	16 43 37
26	eP	10 52 39
	eP	15 40 25
	eP	16 23 28
27	eP	11 26 31
	eP	23 35 12
28	eP	01 57 33

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MELBOURNE
MARCH 1962

29	NEZ	iP	20 16 42 dil.
	N Z	i	16 48
	N Z	i(pP)	16 51
	Z	i	18 15
	NEZ	eL	33.0 ..
30	NEZ	i(P)	14 29 28
	Z	e	29 44
31	NIL		

APRIL 1962

1	N Z	eP	12 17 43
	NEZ	i	18 05
	N Z	i	18 49
	E	e(S)	22 56
	E	e	25 50
	E	i	28 25
	E	i	29 23
	N Z	eP	15 42 50
	NEZ	e	14 13
	NEZ	eL	53.0 ..
2	Z	eP	00 24 10
3	NEZ	iP	16 31 27
	N Z	i	31 33
	Z	i	31 45
	N Z	i	31 58
	Z	i	32 28
	N Z	i	32 44
	NE	eS	36 37
	NE	i	39 31
4	Z	iP ?	03 37 10
5	NIL		

MAWSON
MARCH 1962

Correction to Bulletin of 30.3.62

26	iP	14 23 48
	iP	16 43 37
27	eP	10 52 39
	eP	15 40 25
	eP	16 23 28
28	eP	11 26 31
	eP	23 35 12

MAWSON (continued)
MARCH 1962

29	eP	01 57 33
	eX	09 09 37
	eP	12 12 39
	eX	20 21 10
30	NIL	
31	NIL	

APRIL 1962

1	eX	09 46 34
	iP	12 23 24
	e(pP)	23 42
	eX	15 49 04
	eP	18 12 32
2	eiP	00 32 53
	eP	06 40 09
	eP	11 10 18
	eP	12 11 34
	eP	12 21 56
3	eP	13 12 08
	eP	16 37 28
	e(pP)	37 38
4	NIL	

WILKES
APRIL 1962

1	eP	12 22 03
	iS	30 31

MACQUARIE ISLAND
APRIL 1962

1	iP	12 20 12

additional
MARCH 1962

19	eP	04 51 20

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MELBOURNE
APRIL 1962

6	NEZ	iP	04 32 38	dil.
	NEZ	iP ?	06 09 19	
7	NEZ	eiP	06 30 11	compr.,south
	N Z	i	30 25	
	NEZ	eL	47.5 ..	
9	NEZ	iP	09 01 11	dil.,south,east.
	Z	e(P)	09 08 11	
	Z	i	08 26	
	Z	e	08 31	
	Z	i	09 05	
	Z	i	09 34	
	E	i	12 13	
10	Z	iP	10 44 56	dil.
	Z	e	45 09	
	Z	iP	17 14 24	dil., south(east)
	Z	eP ?	21 56 36	
11	NEZ	iP	18 29 26.5	)
	N	i	29 28.6	)
	NEZ	iS	29 45.4	) regional
	NEZ	i	29 47.6	)
	N	i	29 55.2	)
12	Z	eP	01 04 29	
	N Z	i	04 37	
	Z	i(PcP)	04 43	
	Z	e(PP)	07 26	
	Z	e(PPP)	08 55	
	NE	iS	14 08	
	NE	iSKS	14 22	
	E	e	14 48	
	E	e	18 07	
	N	e(SS)	19 03	
	Z	eLr	28.0 ..	

MAWSON
APRIL 1962

5	iP	07 21 32	
	eP	08 49 53	
	eP	13 39 20	
8	iP	13 23 49	
9	eX	00 31 07	
	iP	00 36 00	
	iP	09 05 39	

MAWSON (continued)
APRIL 1962

10	iP	04 48 12	
	eS	53 52	
11	iP	13 41 09	
	eP	21 00 19	
12	iP	01 11 31	
	iX	04 11 55	

MACQUARIE ISLAND
APRIL 1962

6	iP ?	06 59 56	

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MELBOURNE
APRIL 1962

16	e(P)	11 41 24	
	eiP	13 30 58	dil., north
	e	31 03	
	e	31 09	
	e	31 22	
	i	31 42	
	iS	39 47	
	i	40 49	
17	iP	17 48 03	compr., (west)
	i	48 19	
	i	48 30	
	i	48 35	
	i	48 49	
	e(S)	52 11	
18	e(PKP)	19 34(32)	
	eL	20 09.5	
19	iP	22 21 11	
	i(S)	25 52	
20	eiP	06 07 26	compr.
	i	07 27	
	i	07 30	
	i	07 40	
	i	10 42	
	i	11 12	
	e	11 35	
	i	11 51	
	i	13 18	
21	e(P)	21 24(19)	
	e	35(08)	
	eL	37.8	
22	e(P)	02 16(36)	
23	iP	06 10 15	dil.
	iPcP	10 18	
	ipP	10 40	
	iPP	13 42	
	iSKS	20 29	
	iS	21 01	
	eL	36.4	
25	e(P)	15 59(13)	
26	iP	07 32 53	
	i	32 54	
	i(S)	38 03	
	e	38 04	
	e	42(06)	

MAWSON
APRIL 1962

12	e(P)	10 25 28	
	iP	16 48 04	
14	eP	00 52 06	
	e	08 13 16	
	iP	10 07 46	
15	i	05 14 01	
	eP	15 08 40	
	eP	15 22 13	
	i(P)	18 20 43	
	eP	22 38 36	
16	e	06 34 54	
	i	18 00 56	
	i	07 05	
	e	14 15	
17	iP	03 18 01	
	eP	11 48 32	
	i	21 08 53	
	iP	22 47 28	
18	e	02 38 34	
	eP	19 28 13	
19	e	07 23 44	
	e	13 12 15	
	eP	13 17 00	
	e	15 11 34	
	iP	22 27 12	
	iP	23 35 46	
20	iP	06 06 52	
	iP	06 28 23	
	e(S)	34 29	
	i	17 02 06	
	i	15 56	
	e	19 34 24	
21	i	21 30 11	
22	iP	02 21 47	
	iP	03 39 55	

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MAWSON (continued)

APRIL 1962

22 cont'd.	e	09	23 27
	e		29 00
	e		32 28
	e	10	28 57
	e	14	33 22
	e	19	01 26

MACQUARIE ISLAND
APRIL 1962

16	i(P)	13	32 38
17	i(P)	17	46 43

WILKES
APRIL 1962

19	eP	22	25 21
	iS		33 38
20	e	05	55 09
	i	06	07 13
	i		10 38
	i	10	44

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APRIL 1962

27	Z	eP	06 36 16	
	Z	i	36 46	
28	N Z	iP	07 44 19	compr., south.
	N	e	44 34	
29	NIL			
30	Z	iP	02 38 13	compr.
	Z	i	41 48	
	Z	iP	16 24 18	dil., east
	Z	i	24 36	
	Z	e	24 46	
	Z	i	26 26	
	N	e(S)	30 20	
	N	e	33 30	
	EZ	iP	18 38 27	dil., east
	Z	i	39 32	
	Z	iP	20 48 28	dil.

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MAY 1962

1	NIL.		
2	NIL.		
3	Z	eP	03 47 14
	Z	i	47 18
	Z	i	47 23
	NEZ	e	04 21.0 ,,

MACQUARIE ISLAND
APRIL 1962

26	iP	07 33 18

WILKES
APRIL 1962

30	eP	16 27 53
	iS	36 32
	iP	18 56 59
	i(S)	19 00 40

MAY 1962

1	eP	19 29 26
2	iP	09 09 14
	eP	10 40 19
3	iP	03 43 56
	iPP	45 50
	iS	51 16
	iSS	54 40

MAWSON
APRIL 1962

23	e	06 30 23
	e	35 02
	eP	15 02 58
	eP	18 34 13
	eP	19 41 20
24	e	00 04 40
	eP	00 15 49
	e	01 27 47
	e	02 29 40
	iP	02 35 42
	iP	04 36 48
	e	37 11
26	iP	07 37 57
	eP	09 20 24
	e	12 01 23
	e	04 22
	eP	18 35 17
	e	23 56 36
27	iP	06 41 30
	iP	06 55 02
29	iP	15 22 46
	eP	15 49 43
	eP	15 51 23
	iP	18 42 45
	eP	18 49 11
	e	49 33
	e	55 30
30	eP	00 49 22
	iP	02 45 14
	i	55 18
	e	59 09
	e	08 59 51
	iP	16 29 21
	iP	18 43 29
	iP	20 05 49
	iP	20 55 22
	i	23 54 31

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MAWSON (continued)

MAY 1962

1		iP	00 10 01
		i	07 38 53
		iP	10 05 01
		i	16 57 12
		e	21 16 48
2		eP	07 27 06
		iP	09 08 30
		iP	09 27 01
		i	11 04 01
		iP	12 45 07
		eP	17 18 18
		eP	19 48 38
3		e(P)	00 35 40
		iP	03 42 17
		epP	42 44
		eS	48 18

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MAY 1962

5	EZ	eP	23 12 23	
	EZ	i	12 32	
	E	e	21 15	
6	Z	e(P)	03 23 15	
	Z	e(P)	03 43(18)	
	N Z	iP	19 12 34	dil., south
	N Z	iPcP	12 39	
	Z	i	12 50	
	Z	i	12 55	
	Z	e	13 02	
	Z	i(pP)	13 27	
	Z	e	15 43	
	Z	e(pPP)	16 35	
	E	i	17 24	
	N	e(S)	22 51	
	E	e	22 53	
7	Z	eP	17 52 15	
	Z	i	52 25	
	Z	i	52 28	
	N	e(SKS)	18 02 41	
	N	e(S)	03 05	
8	NIL.			
9	NIL.			
10	Z	iP	00 31 58	compr.
	NEZ	i	32 04	
	EZ	i(pP)	32 08	
	EZ	i	32 13	
	Z	iPP	32 24	
	Z	iPPP	32 36	
	Z	i	33 07	
	E	iS	35 53	
	EZ	e(PcP)	36 04	
	E	iSS	36 30	
	N Z	eT	49.5	
	NEZ	T max.	51.0	
	Z	iP	04 36 14	compr.
	Z	i	36 18	
	NE	eL	42.5	
	NEZ	iP	17 46 55	

WILKES
MAY 1962

5	eP	23 15 22	
6	eP	03 22 42	
	iP	03 42 42	
	iS	49 54	
	iP	19 09 18	
	iS	16 37	

WILKES (continued)
MAY 1962

7	e(P)	17 59 28	
	iP	19 12 51	

MAWSON
MAY 1962

3	i	09 36 18	
	i	11 43 17	
	i	14 34 56	
	eP	15 57 01	
	iP	17 07 54	
	i	19 39 46	
	i	22 17 32	
	i	22 51 13	
4	iP	00 13 23	
	eP	03 06 25	
	eP	11 26 41	
	eP	15 33 06	
	eP	15 34 03	
5	eP	07 38 04	
	eP	09 02 45	
	eP	13 28 37	
	i	14 05 31	
	eP	17 16 48	
	iP	23 17 15	
6	iP	03 43 35	
	iP	05 32 12	
	iP	07 22 14	
	iP	17 01 39	
	iP	19 07 35	
	iS	13 32	
	eSS	16 27	
	iP	22 01 14	
	e(S)	07 17	
	iP	22 42 10	
	eP	23 29 43	
7	i	07 07 14	
	eP	09 36 28	
	eP	13 18 14	
	eP	19 10 41	

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MAWSON (continued)

MAY 1962

8	eP	12 29 14	

WILKES (continued)
MAY 1962

10	iP	00 23 14	dil.
	iP	00 34 58	compr.
	e(S)	40 46	
	iS	41 08	

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MELBOURNE
MAY 1962

11	E	eX	05 09 40	
	NE	e	10 06	
	Z	e	11 59	
	Z	e(P)	12 12 25	
	Z	e(P)	13 41 53	
	Z	e	42 19	
	Z	ePP	14 32 17	
	E	eSKS	37 43	
	E	ePS	42 08	
	E	ePPS	43 28	
	E	eSS	49 02	
	E	eSSS	53 07	
12	EZ	iP	20 42 14	
	NEZ	iP	22 10 11	dil,north,east.
	Z	e	10 19	
13	NEZ	e(P)	10 53 38	
14	NEZ	iP	10 40 37	compr.
	Z	e	41 08	
	Z	i	42 57	
15	Z	eP	05 30 29	
	NEZ	i	30 30	
	E	i	34 41	
	NE	e(S)	35(56)	
	NEZ	eP	06 49 42	
	NEZ	i	49 48	
	EZ	i	50 30	
	Z	e	51 38	
	E	e	55 06	
	NEZ	iP	10 02 01	
	Z	i	02 11	
	NEZ	iP	17 00 46	
	NEZ	i	01 47	
	Z	e	02 37	
	N Z	e	07 34	
	E	i	07 50	
	Z	e(P)	18 04 07	
	Z	iP	21 37 45	
16	Z	iP	08 26 08	
	NEZ	iP	14 42 16	
	EZ	i	42 19	
	EZ	i	43 19	
	Z	e	49 36	
	Z	e(P)	17 39 27	

MELBOURNE (continued)
MAY 1962

16 Regional	NEZ	iP	21 43 09.5	compr.
	EZ	i	44 13.0	east.
	NEZ	i(S)	44 18.0	
17	EZ	eP	02 24 37	
	EZ	i	24 42	
	EZ	i(pP)	24 45	
	Z	i	25 20	
	EZ	i	25 42	
	E	e	28 44	
	NEZ	T max.	43.5	
	Heavy microseisms.			

MACQUARIE ISLAND
MAY 1962

15	eP	05 33 04	

WILKES
MAY 1962

11	e(PKP)	14 30 58	
	iPP	32 57	
15	iP	02 58 18	
	iP	05 33 52	compr.,
	i(S)	41 36	south west
	iS	41 58	
	i(T)	06 03 30	
	iP	06 53 07	
	iP	10 05 23	

MAWSON
MAY 1962

10	iP	22 36 36	
11	i(P)	07 18 08	
	iP	13 46 57	
	e(PKP)	14 30 54	
	i	31 28	
	e(PP)	31 45	
	i(P)	20 11 13	
12	iP	18 54 41	
13	iP	10 58 23	
	i	58 32	
	eP	15 14 06	

P.T.O.

MAWSON (continued)
MAY 1962

14	iP	10	44	30
	iP	12	18	09
	e	16	45	52
	iP	23	35	49
15	iP	05	35	19
	e(PPP)		39	18
	eS		44	53
	e(SKS)		45	38
	eSS		49	46
	e(SSS)		53	12
	iP	06	54	59
	i(PP)		55	12
	e(P)	07	43	54
	i	08	51	47
	iP	10	06	50
	i		06	54
	e	10	55	02
	iP	17	05	35
	e(P)	17	19	12
	i		19	17
	i		19	38
	i		19	50
	i		20	29
	iP	19	51	47
	iP	21	42	33
16	i	05	29	07
	i	09	14	03
	iP	09	40	13
	eP	11	46	13
	iP	14	47	03
17	iP	02	29	50
	i(PP)		30	13

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PROVISIONAL READINGS AT THE SEISMOLOGICAL OBSERVATORY :

MELBOURNE
MAY 1962

18	NIL			
19	Z	iPP	15 18 34	
	E	ePS	28 30	
	E	eSS	35 37	
	E	eSSS	39 48	
	EZ	eL	54.0 ..	
20	NIL			
21	N Z	eP	12 15 38	
	EZ	i	15 43	
	Z	i	15 49	
	Z	i(pP)	16 03	
	E	e(SKS)	26 21	
	E	e(S)	26 33	
	Z	eP ?	13 28(29)	
	EZ	iP	21 22 11 dil.	
	Z	i(pP)	22 24	
	NEZ	iP	21 23 38 dil.	
	NEZ	i(pP)	23 50	
22	Z	e(P)	04 49 27	
	NEZ	iP	08 12 54	
	Z	i	13 24	
	N	iS	17 56	
	N Z	ep	22 10 02	
	Z	i	11 26	
23	Z	eP	20 52 49	
	NEZ	eP	21 08 57	
24	NIL.			

WILKES
MAY 1962

17	iP	02 27 38	
	eP	04 17 21	
	iP	16 10 04	
	i	17 09 46	
	i	09 59	
19	iPKP	15 17 18	
21	eP	12 16 57	
	ePP	21 08	
	iSKS	27 31	
	eSCS	28 36	
	iP	21 25 33	
	iS	33 39	
	iP	21 27 09	
	iS	35 10	

WILKES (continued)
MAY 1962

22	e(P)	04 55 35	
	i	59 31	
	iP	08 17 09	compr.south,west.
	ipP	17 37	
	iS	25 40	
	eP	22 14 35	
	eS	23 11	
23	eP	20 52 22	
	iP	21 08 30	compr.,south.
24	eP	03 00 10	

MACQUARIE ISLAND
MAY 1962

21	eP	21 02 48	
	eS	03 36	
	eP	21 22 28	
	i	22 39	
	i	22 49	
22	eP	08 14 23	
	i	14 26	
	e(pP)	14 48	

MAWSON - MAY 1962

17	iP	16 08 18	
	i	08 26	
	i	10 19	
	i	13 55	
18	iP	07 24 07	
	i	24 11	
	i	24 31	
	i	10 05 45	
	e	10 30 16	
	i	12 44 54	
	e	53 32	
	e(P)	15 18 26	
	i	18 45	
	i	19 02	
	i	19 05 48	
	iP	23 31 34	
	i	31 40	
19	iPKP	15 17 18	
	i	17 52	
	i	18 20	
	i(PP)	19 04	
	iSKS	20 37	
	e(PPP)	21 56	
	eS	31 00	
	eSS	36 00	
	e(SSS)	41 12	

MAWSON (continued)
MAY 1962

20	i	09	09	46
	i		10	01
	eP	08	03	48
	iP	08	42	01
	iP	10	28	10
	iP	17	02	12

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PROVISIONAL READINGS AT THE SEISMOLOGICAL OBSERVATORY :

MELBOURNE
MAY 1962

25	Z	iP	04 27 00	
	Z	i	27 10	
	Z	eP	05 32(55)	
	EZ	i	32 59	
	EZ	i(P)	23 57 14	
26	N Z	e(P)	19 54(53)	
27	Z	e(P)	05 37 51	
	NEZ	iP	11 34 54.3	Regional
	NEZ	iS	35 09.9	Regional
	Z	iP	11 49 31.2	Regional
	NEZ	iS	49 46.8	Regional
28	E	eL	03 26.0 ..	
29	NIL.			
30	EZ	iP	17 04 12	dil.
31	EZ	iP	03 24 26	
	EZ	i	24 38	
	N Z	iP	06 38 05	
	N Z	i(pP)	38 48	
	Z	i(sP)	39 07	
	Z	i(PP)	40 23	
	Z	i	41 06	
	NE	iS	45 55	
	NE	i(ScS)	47 32	
	EZ	iP	08 43 49	dil.
	EZ	i	43 50	
	Z	iP ?	16 43 41	

WILKES
MAY 1962

25	e(P)	04 30 13	
	e(S)	39 06	

MAWSON
MAY 1962

21	eP	12 21 38	
	eS	31 59	
	eP	12 32 34	
	eS	37 54	
	iP	21 27 13	
	iPP	32 03	
	iS	37 05	
	e	39 35	
	eSS	42 45	

MAWSON (continued)
MAY 1962

22	i	04 49 51	
	iP	08 12 24	
	iP	08 18 55	
	ipP	20 42	
	iS	29 07	
	iSoS	29 58	
	i	16 30 06	
	iP	17 15 56	
	iP	22 16 02	
	e(PoP)	17 24	
	e(SKS)	26 18	
	e(ScS)	27 36	
24	iP	08 56 00	
	eP	12 25 11	
	i	18 02 05	
	i	20 31 43	
25	i(PKP)	04 31 55	
	i(P)	07 17 38	
	e(P)	09 30 13	
	eP	12 11 56	
	iP	14 31 02	
	iP	15 14 24	
	i	14 52	
	iP	15 42 07	
	iP	16 11 39	
	iP	17 32 56	
	iP	21 40 48	
26	iP	06 53 26	
	iP	10 03 32	
	iP	13 01 22	
	iP	20 56 10	
27	iP	14 38 53	

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MELBOURNE

JUNE 1962

1	NIL		
2	Z	e(P)	05 42 22
3	NIL		
4	NIL		
5	NEZ	iP	16 50 19
	N	i	55 45
	Z	i	17 01 43
6	NIL		
7	NIL		

MAWSON

MAY 1962

28	i	14 44 00
	i	16 20 33
	iP	21 56 49
29	iP	00 00 35
	i	00 13 10
	eP	21 19 51
31	eP	06 42 18
	i	46 36
	i	48 52
	i(P)	06 56 26
	e	57 42
	iP	08 48 50
	i(P)	15 14 33
	iP	21 30 12

JUNE 1962

1	iP	10 19 20
3	e	16 41 30

WILKES

MAY 1962

31	iP	06 41 04
	i(pP)	42 08
	eS	51 07
	eiP	08 46 55

JUNE 1962

2	iP	13 30 47
	i(pP)	31 02
	iP	17 28 35
3	iP	04 29 43
	eP	07 40 52
	eP ?	15 24 28
5	iP	16 53 43
	i(pP)	53 59
	iP	19 31 14
6	e(P)	15 47 44
	i	48 16
	i	49 35

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MELBOURNE
JUNE 1962

8	NEZ	iP	01 38 36 dil.
9	Z	iP ?	01 55 37
	NEZ	eiP	06 11 26
	Z	iP	07 49 06
10	NIL		
11	NEZ	iP	04 41 38
12	NIL		
13	NIL		
14	E	eL	08 36 ..
	Z	eP ?	08 50 37

MAWSON
JUNE 1962

5	iP	16 55 12
	iP	18 10 00
6	iP	07 55 15
7	i	06 39 18
	i	08 56 00
10	iP	00 02 59
	iP	13 38 40
11	iP	02 17 38
	i	04 45 28

MACQUARIE ISLAND
JUNE 1962

10	iP	13 30 44
	eS	30 51

felt, (Intensity 3)

WILKES
JUNE 1962

8	e ?	01 39 46
	i(P)	41 48
	iP	20 58 43
	ipP	58 53
13	i(P)	18 18 40
	i(pP)	18 53

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MELBOURNE
JUNE 1962

15	NEZ	iP	12 02 25 dil.
16	NEZ	iP	06 35 17 dil.
17	NIL.		
18	N Z	iP ?	04 18 05
	Z	iP ?	10 18 12
	N Z	iP	23 49 09
	Z	i	49 14
	Z	i	50 50
	N	iS	54 25
19	Z	iP	15 53 02
	Z	iP	16 45 50
	N	iS	51 50
20	Z	eP	06 24 07
	Z	e	24 24
	EZ	i(P)	21 43 17
	EZ	e	44(05)
21	Z	eP	22 59 27

WILKES
JUNE 1962

15		i(P)	06 43 50
16		iP	06 38 06 compr.
17		iP	04 35 48
		eS	42 20
		iP	06 04 15
		i	04 28
		iP	13 33 14
18		eP	21 17 14
		iP	23 53 24

MAWSON
JUNE 1962

11		iP	07 34 24
		iP	17 14 21
		iP	18 30 37
12		eP	13 57 44
		iP	22 43 17

MAWSON (continued)
JUNE 1962

13		iP	14 52 13
		iP	17 14 42
		i	19 20 46
		iP	23 08 43
14		iP	08 11 24
		epP	11 40
		i	11 58
		iP	08 15 20
		epP	15 32
		i	15 42
		iP	17 33 51
		i(pP)	33 58
		i	20 29 54
		iP	21 18 57
15		iP	05 54 06
		e(P)	06 43 12
		i	43 43
		i	44 17
16		e	02 46 10
		iP	06 39 19
		i	40 09
17		iP	03 09 02
		i(P)	11 06 18
		iP	13 34 46
		ipP	34 55
		e	35 40
		e	35 57
		iP	14 45 51
		i	46 47
		i	15 15 09
		iP	22 47 44
		i	48 06
18		iP	12 46 36
		iP	23 54 02
19		e	01 47 42
		i(P)	03 44 24
		iP	15 57 47
		iP	20 06 28

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4/3.

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PROVISIONAL READINGS AT THE SEISMOLOGICAL OBSERVATORY :

MELBOURNE
JUNE 1962

22	NEZ	iP(*)	06 12 26.1
	N Z	iS(*)	12 41.0
	NEZ	iS(*)	12 41.6
	regional.		
	N Z	iP	12 00 07
23	NEZ	iP	09 55 18
	N Z	i	55 22
	Z	e	56 04
	Z	eP	10 08 37
	E	e	17 21
24	NEZ	iP ?	02 13 10
	Z	iP ?	02 55 33
	Z	eP ?	05 15 45
25	N Z	iP ?	01 37 47
	Z	iP	11 21 07
	N Z	i	21 22
	Z	e	21 57
	E	i	22 54
	N	i	24 02
	Z	i	24 08
	N	e(S)	29 50
	N	e	30 58
26	NIL		
27	N Z	e(P)	03 36(25)
	EZ	i(P)	07 44 11
28	Z	i(P)	04 39 28
	Z	i(P)	16 10 11
	NEZ	e	10 45
	NEZ	i(P)	16 53 56
	EZ	i(P)	17 42 13
	NEZ	iP	18 58 15
	EZ	i	58 40
	N Z	ipP	19 00 10
	EZ	iP	20 54 46

NO L.P. RECORDS FROM 25/6/62.

WILKES
JUNE 1962

23	iP	09 57 47
25	iP	11 23 28 dil.

WILKES (continued)
JUNE 1962

27	iP	03 40 41
	iP	13 42 55
	iS	46 40
	i(P)	20 00 12

MAWSON
JUNE 1962

CORRECTION TO BULLETIN OF 22/6/62.

19	iP	20 06 28

SHOULD READ :

20	iP	06 27 28

21	iP	08 50 41
	iP	19 09 20
	iP	23 03 59
22	eP	15 07 49
23	eP	09 58 43
	iP	10 11 52
	iP	12 52 20
	iP	15 14 46
	e(P)	15 58 06
	eP	22 42 33
25	iP	01 42 51
	iP	03 01 36
	ipP	01 45
	iP	06 38 00
	epP	38 06
	eP	11 23 35
	iP	13 02 11
26	i	19 09 59
27	iP	03 42 21
	ipP	42 27
	eP	05 46 33

L.F. Thyer per Bfw.

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MELBOURNE
JUNE 1962

29	NEZ	iP	13 55 55
	Z	i	58 31
30	Z	eP	19 39 52

JULY 1962

1	NIL.		
2	NEZ	eP	08 39 10
	N Z	i	39 11
	Z	i	39 34
	Z	i	39 53
	E	eS	44(20)
3	Z	eP	18 31 46

WILKES
JUNE 1962

30	eP	07 12 25
	iP	08 50 35
	e	14 44 33
	i	44 44

JULY 1962

2	iP	08 43 23
	ipP	43 48
	iS	52 08
	iSS	52 50
	eP	15 15 56
	ipP	16 10
	eP	17 02 09
	ipP	02 23

MACQUARIE ISLAND
JUNE 1962

28	iP	19 00 38

MAWSON
JUNE 1962

27	i(P)	08 29 13
	iP	13 44 12
	ipP	44 16
	iP	18 19 50
	iP	19 59 20
	i	20 00 05

MAWSON (continued)
JUNE 1962

28	eP	11 28 32
	iP	19 02 28
	iP	20 59 42
29	iP	03 37 53
	iP	06 40 38
	eP	14 00 41
	eP	21 04 03
30	e	00 35 09
	iP	09 59 36
	e	11 26 50
	e	15 19 48
		24 12

JULY 1962

1	P	01 44 17
	iP	05 19 18

R F Thyer for J B Wilcox

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MELBOURNE
JULY 1962

6	NO RECORD		
7	N Z	eP	06 26 12
	N Z	iP	11 54 03
8	Z	eP ?	12 08 32
9	N Z	eP	10 03 43
10	Z	eP	05 18 18
11	N Z	eP	12 49 54
12	N Z	eP	09 39 52

WILKES
JULY 1962

6	iP	13 15(16)
	ipP	15(30)
	i(P)	14 57 09
	eP	19 03 52
	i(pP)	04 10
	i(P)	23 20 20
7	eP	01 35 30
	ipP	35 57
	eP	06 31 47
	ipP	32 00
	eP	10 22 54
	ipP	23 08
	iP	11 57 26
10	i	05 21 40
	i	07 18 17
	i	09 20 02
11	iP	12 52 28

MACQUARIE ISLAND
JULY 1962

6	i(P)	04 27 10

MAWSON
JULY 1962

2	eP	06 51 12
	e	52 44
	i(PKP)	08 45 08
	iP	15 54 15
3	eP	18 23 04
	iP	18 32 56

MAWSON(continued)
JULY 1962

4	i	19 15 11
	iP	23 29 03
5	eP	19 53 08
6	eP	02 15 23
	iP	24 13
	eP	12 23 12
	eP	13 15 20
	eP	39 46
	iP	17 19 51
	iP	23 19 12
	e(pP)	19 26
	e	20 08
	iP	23 30
	e(S)	29 28
	e(SS)	32 26
	e(SSS)	37 56
	eP	35 00
7	eP	06 00 46
	eP	06 31 25
	ipP	32 21
	e(P)	10 17 21
	iP	11 58 54
	eP	12 21 42
	eP	14 29 28
8	eP	03 41 34
	iP	04 17 40
	i	21 01 31
	iP	23 06 24

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PROVISIONAL READINGS AT THE SEISMOLOGICAL OBSERVATORY :

MELBOURNE
JULY 1962

13	N Z	eP	03 41 01
14	Z	eP	20 50 44
15	NIL.		
16	N Z	eP	02 08 23
	N Z	e	08 32
	N Z	i	08 35
	E	e(S)	11(20)
	N Z	eP	09 32 02
	Z	e	32 06
17	EZ	e	05 45(15)
18	Z	iP	06 00 45
	Z	eP	10 19 31

WILKES
JULY 1962

13	iP	03 43 40
	ipP	43 52
	iS	46 38
15	iP	15 28 05
16	eP	02 09 30
	iS	13 09
	iP	06 10 22
	epP	10 35
	iP	08 36 16
	iP	13 14 16
	e	16 28 21
17	iP	05 43 25
	i(pP)	43 35
	i	43 40
	i	43 50
	iS	52 44
	eP	15 35 22
18	iP	06 03 27
	iP	10 22 53
	eP	12 52 10
	iP	18 54 30
19	iP	01 03 09

MAWSON
JULY 1962

9	iP	10 06 58

MAWSON (continued)
JULY 1962

10	iP	01 07 10
	iP	02 29 54
	iP	04 32 16
	iP	05 23 22
	i	13 07 39
11	i	07 20 56
	e	12 53 27
12	iP	12 39 16
	iP	16 37 40
	i	19 54 36
13	eP	02 58 15
	e(pP)	59 01
	e	03 44 45
	eP	08 27 26
	iP	21 54 28
	eP	22 14 26
	iP	38 42
14	eP	01 22 28
	e(P)	13 00 17
	e(P)	22 57 14
15	e	03 35 15
	eP	07 05 10
	epP	06 05
	e(PcP)	06 32
	iP	09 35 24
	iP	12 50 02
16	eP	02 12 16
	iP	03 39 54
	i	08 40 36
	e	09 34 16
	iP	38 02
	iP	11 20 51
	eP	13 13 32
	e	14 40
	i	15 32
	eP	16 26 18
	e	28 23
	i	28 38
	iP	34 30

P.T.O.

MAWSON (continued)
JULY 1962

17	iP	05 42 50
	eS	51 46
	e	06 11 23
	i	10 02 14
18	i(P)	06 04 47
	iP	09 33 58
	iP	18 36 38
	i(pP)	36 40
	e	38 47
19	iP	01 04 48

MACQUARIE ISLAND
JULY 1962

16	eP	02 07(49)
	Lq	10(10)
	eP	09 33(28)
17	e(P)	08 23(49)

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20/ 7/ 62.

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MELBOURNE
JULY 1962

22	N	Z	iP	13	43	09
26		EZ	eP	08	35	54
		E	e(SKS)	08	45	(45)
		E	e(SS)	08	53	(45)
		E	e(SSS)	08	58	(00)
		E	eL	09	(13)	

MACQUARIE ISLAND
JULY 1962

23	iP	17	56	12
24	P	06	54	(30)

WILKES
JULY 1962

20	e(P)	17	21	52
	e(P)	18	13	26
21	eP	03	24	10
			24	27
22	iP	00	32	35
	e(S)		40	55
	e(P)	05	43	52
	e(pP)		44	15
	iP	13	47	30
23	eP	22	24	22
	iP	23	19	37
24	iP	04	54	52
	ipP		55	08
	iP	21	27	11
	ipP		27	40
25	eP	11	00	29
	epP		00	41
	iP	11	33	38
	ipP		33	53

MAWSON
JULY 1962

19	eP	09	09	01
	iP	12	14	34
	e(P)		30	16
20	i	01	43	17
	e	16	39	42
21	e(P)	08	18	28
	e(P)	10	35	22
	i	14	16	19
22	iP	00	33	58
	e	03	49	04
	i	05	49	06
	e(P)	07	56	12
	iP	13	49	14
	e	14	00	26
	e		27	27
	iP	18	20	56
23	i	05	13	38
	e(P)	07	30	37
	i		31	42
	eP	11	21	46
	i	12	52	00
	e(P)	15	09	37
	iP	23	20	19
	i		21	25
24	e	19	31	35
	iP	21	27	08
	ipP		27	36
25	iP	04	56	36
	e(pP)		56	58

L S. Prior. p. JW.

(L.S. PRIOR)
ACTING CHIEF GEOPHYSICIST.

27/7/1962.

4/3

COMMONWEALTH OF AUSTRALIA

DEPARTMENT OF NATIONAL DEVELOPMENT

Reference -
4V/1/2

Bureau of Mineral Resources,
Geology and Geophysics,
203 Collins Street,
MELBOURNE. C.1. VICTORIA.

International Seismological Centre

PROVISIONAL READINGS AT THE SEISMOLOGICAL OBSERVATORY :

MELBOURNE
JULY 1962

27	Z	eP	19 31 34
28	Z	iP	23 42 27
	Z	i	42 29
	Z	i	42 51
	Z	T max.	58 47
29	Z	eP	18 39 40
	Z	i	18 40 05

WILKES
JULY 1962

26	eP	08 30.1
	ePKP	33 35
	iP	21 41 38
27	e	04 33 22
	i(P)	33 29
	i(pP)	33 43
	i	06 04 40
28	iP	00 16 23
	iS	25 29
	iP	17 00 41
29	eP	08 09 03
	ipP	09 13
	i	15 42 47
	iP	16 03 35
	ipP	03 48
	iP	16 31 56
	ipP	32 10
	iP	18 27 34
30	iP	17 27 37
	iS	36 30
	eP	20 34 07
	ePKP	37 24
	iSKS	44 21
31	eP	02 30 01
	iP	05 25 40
	iP	08 22 50
	ipP	23 05

AUGUST 1962

1	i(P)	03 26 09
	iP	03 59 08

WILKES (continued)
AUGUST 1962

1	iP	04 47 48
	iS	56 41
	e(P)	12 35 43
	iP	12 57 42
	ipP	57 54
	eP	23 18 44
	ipP	19 00

MAWSON
JULY 1962

26	eP	08 29 50
	i(PKP)	33 30
	ePP	34 30
	e(PPP)	36 45
	e(P)	21 39 47
27	i	02 41 02
	i(P)	06 23 16
	i	11 27 47
	i(P)	12 58 17
	e	15 24 08
	eP	18 55 29
	iP	19 38 34
28	iP	00 17 58
	iP	06 13 50
	eP	20 57 34
	i	59 12
29	e(P)	12 07 57
	eP	17 37 00
	iP	18 28 26
	i(pP)	29 44
30	e	01 00 59

L S Prior
(L.S. PRIOR) for JW
A/CHIEF GEOPHYSICIST

3. 8. 62

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COMMONWEALTH OF AUSTRALIA

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International Seismological Centre

PLEASE NOTE: The Benioff seismograph at Melbourne Observatory has been transferred to a new site at Toolangi, about 40 miles north-east of Melbourne. Operation at the new site commenced 5th August, 1962. The geographic co-ordinates are :

latitude 37° 34' 17", longitude 145° 29' 26", and the height above sea level is 1981 ft. - 604 metres.

PROVISIONAL READINGS AT THE SEISMOLOGICAL OBSERVATORY :

TOOLANGI
AUGUST 1962

5	Z	iP	13 14(41)
6	NEZ	iP	20 58 36
	E	iS	20 59 54
8	NEZ	iP	22 45 53

MACQUARIE ISLAND
JULY 1962

30		iP	17(27)

AUGUST 1962

1		eP	04 46 10
3		e(P)	09 08 20
		i	09 20
5		e(P)	18 36(37)
		eP	21 35(45)

WILKES
AUGUST 1962

2		iP	02 29 01
		iP	03 29 59
		epP	30 10
		e	05 55 56
3		iP	09 09 11
		iS	19 53
4		iP	05 51 26
		ipP	51 40
5		e(P)	15 19 04
		eP	16 27 28
		e(pP)	27 43
6		e(PKP)	01 55 02
		iP	04 27 49
		ipP	28 02
		i	06 00 17
		eP	07 44 02
		ipP	44 14
		iP	08 50 19
		iS	57 35
		e	12 35 06
		iP	21 01 49
		iS	09 45

WILKES (continued)
AUGUST 1962

8		iP	04 09 02
		ipP	09 16
		eP	16 06 56
		ipP	07 10

MAWSON
JULY 1962

30		iP	17 29 12
		e(PP)	32 16
		eSKS	39 30
		ePP	20 33 29
		e(PPP)	36 19
		eSS	47 25
		eSSP	48 50
		eSSS	53 33
31		i(P)	02 31 35
		iP	05 25 51
		ipP	26 29

AUGUST 1962

1		iP	03 59 04
		ipP	04 00 57
		i	40 46
		iPKP	49 24
		iPP	49 48
		ePPP	52 32
		eSKS	59 43
		e	05 49 12
		iP	12 48 44
		i	50 20
		i	50 40
		eP	58 44
		ipP	59 32
2		e(P)	09 25 28
		i	11 12 06
		i	12 12 13
		i	17 38
		i(P)	13 09 12
3		i(PP)	09 08 27
		i(PS)	18 34
		i(PPS)	19 32
		iP	10 17 09
		iP	26 55
		ipP	28 07

International Seismological Centre

MAWSON (continued)

AUGUST 1962

3	e(P)	12	12	36
5	eP	04	41	08
	e(pP)		41	44
	eP	15	20	06
	epP		20	58
	e(P)	18	11	25
	e(pP)		13	08

(L.S. PRIOR)
A/CHIEF GEOPHYSICIST

10. 8. 62.

COMMONWEALTH OF AUSTRALIA

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PROVISIONAL READINGS AT THE SEISMOLOGICAL OBSERVATORY :

MAWSON
AUGUST 1962

6	iP	08 48 28
	i(PPP)	54 25
	e	11 29 28
	iP	21 03 40
	iS	13 18
	eP	22 31 24
	i	33 26
7	iP	08 54 42
	i	57 18
	i	14 37 46
8	eP	08 58 19
	i	59 19
	iP	09 31 06
	i(P)	11 14 26
	i(P)	12 12 17
	i(P)	12 24 26
	iP	13 47 15
9	iP	06 30 56
	i	31 56
11	iP	01 58 54
	i(PP)	02 01 05
	iS	08 14
	e	29 10
	i(P)	18 24 20
12	e	00 36 12
	i(P)	10 45 16
13	iP	09 26 06
	e	27 06
	e	10 32 50
14	iP	01 19 32
	eS	26 38
	i(P)	20 05 28
15	eP	08 38 59
	iP	10 25 50
	iP	11 19 10
	i	21 41
	eP	39 30
	i	40 23

WILKES
AUGUST 1962

11	iP	01 57 13
	ipP	59 24
	iS	02 05 03
	iP	08 28 36
	i	39 20
14	iP	01 17 07

MACQUARIE ISLAND
AUGUST 1962

11	eP	01 54 09
	e(P)	08 28 06
14	iP	01 12 04
	iS	13 02
	i	13 44

L. S. Prior per J.W.
(L.S. PRIOR)
A/CHIEF GEOPHYSICIST.

17. 8. 62.

COMMONWEALTH OF AUSTRALIA

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PROVISIONAL READINGS AT THE SEISMOLOGICAL OBSERVATORY :

TOOLANGI
AUGUST 1962

11	NEZ	iP	08	26	16
	NE	iS	08	34	52
	NE	iScS	08	35	47
	NEZ	iP	18	19	22
16	Z	iP?	08	28	48
	Z	iP	08	54	44
17	NEZ	iP	05	13	46
	NE	eS	05	21	16
	Z	iP?	07	45	16
	EZ	iP	11	55	37
	NEZ	iP	16	26	13
	EZ	iP	23	03	52
18	Z	eP	00	27	04
	Z	eP?	09	20	39
	NEZ	eP?	14	23	17
	NEZ	iP	20	50	12
19	NEZ	iP	07	50	16
	N Z	eP	18	40	22
20	NEZ	eP	06	07	49.8
	N Z	iS		08	03.3 regional
	NEZ	i		08	04.2
	EZ	iP	11	28	45
	Z	e(P)	13	05	43
	Z	e(P)	15	22	27
	Z	e(P)	16	19	17
	Z	eP	19	29	08
	Z	e(P)	23	24	44
21	NEZ	iP	06	45	17
	NEZ	iP	16	16	40
	Z	iP	18	39	02
	Z	i		39	07
	Z	eP?	20	51	05
	EZ	iP	21	12	28
	NE	i		12	33
	Z	i		12	40
	Z	i		13	00
	EZ	i		13	24
	N	e		22	47
	EZ	e		25	30
	N Z	iP	21	22	05
	EZ	i		22	10
	N Z	i		22	16

TOOLANGI (Cont'd)

21	NE	i		22	19
	NEZ	i		22	45
	NEZ	e		30	22
	NE	e		32	30
22	NEZ	iP	11	17	06
	Z	i		17	10
	NE	i		17	23
	NE	i		17	28
	NEZ	eP	12	12	25
	Z	eP	17	55	11
	NEZ	iP	21	17	05
	NE	i		17	20

WILKES
AUGUST 1962

17		eP	05	16	32
18		i	13	35	15
		iP	17	03	30
		eP	18	05	49
19		eP	06	41	34
		eP	11	57	58
		eP	12	09	05
		i		09	20
		eP	18	45	12
		eSKS		55	47
		iP	23	25	35
		i		25	56
		i		26	03
21		iP	08	32	52
		i		33	06
		e(P)	09	00	28
		i(pP)		00	42
		eP	15	38	24
		i(pP)		38	39
		i	16	19	54
		eP	17	11	09
		i		11	32
		eP	21	15	40
		i		16	13
		e(S)		23	37
		eP	21	21	53
		i		21	57
		e(S)		30	53

WILKES(Cont'd)

22	eP	11	15	51
	iP	18	28	53
	i(pP)		29	07

MACQUARIE IS.
AUGUST 1962

17	eP	05	15	5[illegible]

International Seismological Centre

MAWSON
AUGUST 1962

16	e	10	19	16
17	iP	03	35	10
18	i(P)	23	02	14
19	iP	00	35	14
	i(P)	23	24	55
20	iP	13	08	50
	i	23	30	40
21	iP	16	21	44
	iP	17	17	24
	e(P)	18	59	21
	iP	21	17	32
	eP		22	12
	iP	22	14	38
	i		16	16
22	e	05	41	00
	i	11	18	23
	i	12	17	29

L. S. Prior per JW

(L.S. PRIOR)
A/CHIEF GEOPHYSICIST

24.8.62

4/3

COMMONWEALTH OF AUSTRALIA

DEPARTMENT OF NATIONAL DEVELOPMENT

Reference -
4V/1/2

Bureau of Mineral Resources,
Geology and Geophysics,
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International Seismological Centre

PROVISIONAL READINGS AT THE SEISMOLOGICAL OBSERVATORY:

TOOLANGI
AUGUST 1962

23	EZ	eP	08	20 23
	EZ	iP	13	10 10
	Z	iP	15	40 24
	Z	i		43 21
	EZ	iP	16	54 43
	Z	iP	21	05 32
	EZ	e		06 02
	Z	iP	22	34 26
24	Z	iP ?	02	05 58½
	Z	iP ?	04	05 07½
	NEZ	iP	06	52 46½
	EZ	i		52 51½
	Z	i(PP)		53 20½
	Z	i		53 49
	N Z	i		54 21½
	NEZ	iS		57 14
	NEZ	iP	09	12 19
	Z	i		12 45
	N	e		22 ..
	NEZ	iP	18	21 24
	Z	i		21 34
25	Z	eP ?	01	13 07
	Z	i(P)	03	04 20
	Z	e	06	32 28
	NEZ	iP	08	38 00
	Z	i(PP)		39 39
	Z	i(PcP)(sP)		40 21½
	NE	iS		42 54½
	N	e(SS)		45 55
	NE	i(ScS)		47 13
	E	i		51 15
	Z	i(P)	08	50 18
	Z	i(P)	13	52 11
26	Z	iP	07	00 20
	Z	e(P)	21	04 24
	Z	eP ?	21	22 29
	Z	i(P)	22	46 34
	NEZ	iP	23	37 23
	NE	e		48 18
27	NEZ	iP	02	30 28
	NE	i		31 39
	Z	e(P)	16	31 45

TOOLANGI (continued)
AUGUST 1962

28	NEZ	i(PKP)	11	18 52½
	NEZ	i(PKP)		19 07
	NEZ	i(PP)		21 46
	NEZ	i(SKP)		22 26
	Z	i(P)	11	46 15
	NEZ	iP	15	16 55
	Z	i		17 05
	NEZ	iPn	16	30 43.3)
	NEZ	iP*		30 44.7) Regional
	NEZ	iSn		31 09.3)
	NEZ	iS*		31 11.5)
	EZ	iP ?	20	24 45
29	EZ	iP ?	07	30 28
	NEZ	iP	19	47 22

MACQUARIE ISLAND
AUGUST 1962

25		iP	08(43)22 dil.
28		iP	11 19 26

WILKES
AUGUST 1962

23		e(P)	02	29 08
		eP	10	21 23
		i(pP)		21 34
		iP	21	02 13
24		i(P)	06	56 18 compr.
		eP	09	15 36
		eS		24 48
25		eP	02	26 17
		i(pP)		26 30
		iP	08	41 26
		e(pP)		43 19
		iS		49 17
		iXS		52 39
		eP	15	38 41
		i(pP)		39 16
		eP	18	04 39
		i(pP)		04 43
26		iP	23	41 20

MAWSON
AUGUST, 1962

23		i	12 55 10
		i	15 48 16
		iP	21 00 26

P.T.O.

MAWSON (continued)
AUGUST 1962

24	iP	06	58	06
	e(P)	09	17	11
	i(P)	13	29	13
	i		29	22
25	iP	08	43	08
	iPP		45	11
	eS		52	30
	i(SKS)		52	36
	eSS		56	29
26	i	08	10	20
	iP	23	42	54
	i		43	10
27	i	02	37	20

(L.S. PRIOR)
A/CHIEF GEOPHYSICIST

31. 8. 62.

International Seismological Centre

4/3

COMMONWEALTH OF AUSTRALIA

DEPARTMENT OF NATIONAL DEVELOPMENT

Reference - 4V/1/2

Bureau of Mineral Resources,
Geology and Geophysics,
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International Seismological Centre

PROVISIONAL READINGS AT THE SEISMOLOGICAL OBSERVATORY :

TOOLANGI
AUGUST 1962

29	N Z	eP	22 48 14	
30	N Z	i(P)	02 06 03	
	NEZ	iP	17 25 08	
	N Z	i	25 16	
	Z	e	25 19	
31	N Z	iP	10 40 56	
	N Z	i	41 00	
	NEZ	e	41 18	
	NEZ	iP	17 15 57	
	NEZ	i	16 17	
	EZ	iP	17 45 20	
	Z	eP	18 09 20	

SEPTEMBER 1962

1	NEZ	iP	04 57 57	dil. N.E.
	Z	i	58 44	
	NE	i	58 57	
	NE	i	05 00 13	
	NEZ	iS	02 34	
	Z	i	04 15	
	N	i	05 35	
	E	i(ScS)	08 12	
	Z	eP	08 04 21	
	NEZ	iP	18 00 52	dil. E.
	NEZ	i(PKP)	19 39 18	
	Z	iPP	40 15	
	Z	e	42 23	
	NEZ	i(SP)	49 58	
2	EZ	iP	05 43 55	
	Z	eP	08 34 48	
	Z	i	39 35	
	Z	iP	15 28 51	
	Z	i	36 52	
	NE	e(S)	37 59	
	E	e	38 14	
	NE	e	38 41	
	E	e	42 36	
	N	e	43 26	
	Z	e(P)	15 45 49	
	EZ	iP	20 22 26	
	N	i(S)	27 39	
3	NEZ	iP	00 03 14	compr. S.E.
	Z	i(pP)	04 45½	
	Z	e(PP	04 57	
	Z	i(PcP)	05 19	
	N	i	05 30	
	Z	e(sP)	05 42½	
	N	e(S)	08 17	
	Z	e(ScP)	08 22	

TOOLANGI (continued)
SEPTEMBER 1962

3 cont'd.			
	Z	e	01 45 06
	Z	e	45 14
	NEZ	i(P)	06 39 46½
	Z	iP	17 02 00
	EZ	eP	22 18 46

MAWSON
AUGUST 1962

27	eP	16 37 58	
	i(pP)	38 52	
	i(P)	18 38 44	
	iP	23 41 07	
	i(pP)	41 19	
28	i	00 52 51	
	iP	11 14 17	
	iPP	18 15	
	i	29 20	
	e	22 56 46	
29	iP	09 20 37	
	e(PP)	22 44	
	e	19 26 32	
30	i	11 47 04	
	iP	17 30 10	
	iP	19 14 40	
31	i(P)	05 55 12	
	iP	17 22 20	
	iP	18 15 44	
	i	21 25 28	

SEPTEMBER 1962

1	i(P)	04 05 40	
	i	17 09	
	iP	04 17 57	
	i(P)	05 01 16	
	i(PP)	04 03	
	i(PS)	13 53	
	i(P)	05 18 08	
	eP	07 31 34	
	e	34 11	
	e(P)	08 01 44	
	iP	08 10 43	
	e(pP)	11 10	

P.T.O.

MAWSON (continued)
SEPTEMBER 1962

1 cont'd.				
	e	15	14	13
	i(P)	18	06	08
	iP	19	34	34
	e(PP)		39	02
	e(SKS)		45	18
	eS		46	38
	eSS		53	46
	iP	19	50	34
	i(PP)		58	36
2	iP	03	22	05
	iP	15	31	57
	e	15	49	54
	i(P)	16	25	18
	i		26	00
	e(P)	20	27	14

MACQUARIE ISLAND
SEPTEMBER 1962

1	eP	04	59	21

WILKES
AUGUST 1962

30	iP	13	55	07
	iP	16	02	28
	epP		02	42
	iP	17	28	29
	iS		37	15
31	e	15	51	21
	eP	17	21	48

SEPTEMBER 1962

1	eP ?	04	09	18
	eP	05	02	15
	i		02	16
	eP	13	55	40
	ipP		55	55
	iP (diffr.)	19	35	16
	iSKS		45	55
	iSP		49	17
4	iP	00	52	50
	ipP		53	05
	eP	09	29	02
	ipP		29	16
5	iP	11	27	44
	i(pP)		28	07

International Seismological Centre

L. S. Prior per CB

(L.S. PRIOR)
A/CHIEF GEOPHYSICIST.

7. 9. 62.

4/3

COMMONWEALTH OF AUSTRALIA

DEPARTMENT OF NATIONAL DEVELOPMENT

Reference -
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International Seismological Centre

PROVISIONAL READINGS AT THE SEISMOLOGICAL OBSERVATORY :

TOOLANGI
SEPTEMBER 1962

4	NEZ	iP	19 34 29	dil.
	EZ	iP	22 39 43½	
5	NEZ	iP	11 23 46½	dil.
	N	i	24 03½	
	Z	i	25 14	
	N	i	26 17	
	E	i	31 45	
	E	i	31 53	
	E	i	33 15	
	E	e	35½	
	NEZ	iP	19 28 59	
6	N Z	eP	05 57 09	
	EZ	eP	10 56 09	
	Z	iP	11 18 05½	compr.
	N	i	18 09	
	EZ	i	18 15	
	Z	i	19 55	
	Z	ePn	14 50 15.0	
	N	e	51 26.0	
	E	i	51 32.0	regional
	N	i	51 40.0	
	N	i	51 56.0	
	E	i	52 05.3	
	N	i	52 08.4	
	NEZ	iP	15 09 16	compr.
	Z	i	09 27	
7	NEZ	iP	07 48 22	dil., N.
	EZ	iP	23 43 04	
	NEZ	iP	23 58 23	compr.
8	Z	e(P)	07 18 55	
	NEZ	iP	07 32 44	
	N Z	i	32 55½	
	Z	iP	13 23 17	
	Z	i	23 26	
	Z	i	23 29	
	E	i	23 33	
9	N Z	iP	01 43 50	compr.
	EZ	i	43 59	
	NEZ	iP	03 02 25	
	EZ	i	02 35½	
10	NEZ	iP	15 49 59	compr., S.W.
	Z	i	50 42½	
	Z	ipP	51 42½	
	Z	iPP	51 49	
	Z	iPcP	52 09½	
	Z	iSP	52 46	

TOOLANGI (continued)
SEPTEMBER 1962

10 (cont'd)				
	NEZ	iS	15 54 45½	
	Z	iScP	55 03½	
	NE	e	57 58	
	NE	e(SS)	58 18	
	NE	iScS	59 07½	
	NEZ	i(P)	15 59 34	
	EZ	eP	17 56 59	
	Z	e	57 14	
	EZ	iP	18 14 09	
	EZ	i(P)	20 42 12	
	Z	iP	22 11 13	
11	NEZ	i(P)	01 58 53	
	EZ	iP	02 32 17	
	N Z	iP	18 01 45½	
	Z	i	01 58	
12	Z	e(P)	14 26 01	
	EZ	i	26 06	
	Z	eP	18 25 18	
	NE	i	25 30	
	N Z	i	25 41	
	NEZ	e	26 34	
	N Z	e(S)	32 18	
	Z	e(P)	21 10 49	
	Z	e	14 50	
	NEZ	i	15 03	
	N Z	i(P)	21 27 17½	

WILKES
SEPTEMBER 1962

6	eP	11 21 17	
8	iP	00 14 19	
	epP	14 35	
	e	08 35 25	possibly
	i	35 40	local.
9	eP	07 52 20	
	ipP	52 37	
10	e	11 25 37	
	eiP	15 53 25	
	epP	55 26	
	iS	16 01 06	
	isS	04 39	
	e	16 22 10	
	e	18 00 15	

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WILKES (continued)
SEPTEMBER, 1962

12	eP	18 29 34
	e	20 05 27
	e(P)	21 10 28

MACQUARIE ISLAND
SEPTEMBER, 1962

10	iP	15 50 21

MAWSON
SEPTEMBER 1962

3	iP	22 13 36
5	i(P)	11 29 16
	i	16 24 25
6	i	11 01 10
	e(P)	11 22 38
	iP	15 15 24
	iP	16 17 30
7	iP	07 53 16
9	iP	03 34 50

L. S. Prior per CWE.

(L.S. PRIOR)
A/CHIEF GEOPHYSICIST

14. 9.62.

COMMONWEALTH OF AUSTRALIA

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Reference -
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PROVISIONAL READINGS AT THE SEISMOLOGICAL OBSERVATORY :

TOOLANGI
SEPTEMBER 1962

20	iP	Z	06	27	30
	eP	N Z	16	45	04
	i	Z		45	41
	e	Z		51	19
	e	NEZ		52	50
	e	E		53	36
	e	Z		53	51
	i	Z		55	17
	e	E		56	10
	e	NE		56	47
	i	NEZ		57	41
	iP	N Z	18	13	41
21	iP	EZ	06	08	02
	iP	NEZ	08	50	13 Compr.W.
	i	EZ		50	56
	i	Z		51	49
	eP ?	NEZ	09	15	03
	iP	NEZ	15	01	17½ dil.N.E.
	i	EZ		01	37
	i	EZ		01	43
	i	EZ		01	48
	i(P)	N Z	17	09	05½
	eP	NEZ	22	51(07)	
22	iP	N Z	07	03	21½ compr.S.E.
	i	Z		03	51
	i	N		04	43
	eL	N		33	..
	iP	NEZ	15	13	38 dil.
	i	EZ		13	58½
	i	Z		14	03½
	i	NE		14	37½
	eP	EZ	16	10	04
23	iP	NEZ	07	05	37 compr.
	e	N		10	05
	iP	Z	12	22	52
	i	Z		22	58
24	no time marks from				
	03 03 36 to 06 00 00 on 25.9.62				
25	e(P)	EZ	07	37	00
	iP	NEZ	14	58	37
	i	Z		58	45½
	iP	NEZ	18	34	14 compr.
	e	Z		35	28
	i	N Z		35	40

TOOLANGI (continued)
SEPTEMBER 1962

26	e(P)	NEZ	02	04(38)
	eP	NEZ	09	03 27.0) regional
	iS	NEZ		03 47.9)
	iP	EZ	11	53 48
	iP	NEZ	12	51 25½ dil.
	i	Z		51 36
	i	N Z		52 01
	i	N Z		54 07
	i	Z		55 14½
	iP	NEZ	13	33 50
	iP	NEZ	17	45 57

WILKES
SEPTEMBER 1962

20	eP	16	49 02
21	e	21	09 41
	iP	22	48 29
22	iP	07	04 42
25	eP	00	30 17
	eS		37 36
26	iP	12	58 29

MAWSON
SEPTEMBER 1962

21	i(P)	00	19 46
	i(P)	05	24 17
	iP	07	11 40
	iP	09	28 22
	i(pP)		28 30
	iP	12	22 51
	iP	16	16 14
	iP	19	30 38
	e(PKP)	22	40 40
	i(PKP)	22	47 35
	i(PKP)	23	24 46
22	iP	03	58 14
	iP	06	56 04
	iP	07	04 42
	i(pP)		05 09
	i		08 56
	iP	08	35 28
	iP	15	18 42

L S Prior
A/C

(L.S.PRIOR) A/CHIEF GEOPHYSICIST. 28.9.62.

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TOOLANGI
SEPTEMBER 1962

13	iP	NEZ	14	54	32½	dil.
	i(pP)	N Z		54	53	
	eP	EZ	15	38	19	
	iP	NEZ	19	22	44½	dil.
14	i(P)	Z	10	31	13	
	iP	NEZ	11	15	13½	
	eP	Z	15	59	19	
	iP	NEZ	18	24	27	compr. S.W.
	i	Z		24	58½	
	i(pP)	NEZ		25	43½	
	i(ScP)	Z		29	54½	
15	iP	N Z	01	04	30	
	i	N Z		04	38	
	iP ?	EZ	06	12	57	
	eP	Z	07	49	24.1	
	i	EZ		49	57.1	
	i	N Z		50	14.7	regional
	i	Z		50	16.6	
	i	N Z		50	19.1	
	iP	NEZ	11	01	46½	
	iP	N Z	23	03	27	
	i	N Z		03	28½	
	i	N Z		03	33	
16	iP	NEZ	07	53	56	
	iP	EZ	09	05	13	
	e(P)	Z	13	14	25	
	e(P)	Z	13	59	(35)	
	e(P)	Z	19	17	53	
	i	Z		17	58	
	i	Z		18	20	
	iP	EZ	20	38	41	
	e(P)	Z	21	56	(22)	
	iP	NEZ	22	55	40	
17	i(P)	NEZ	02	45	43	
	i(P)	EZ	03	42	36½	
	iP	NEZ	05	06	15	dil.
	i	Z		06	26	
	iP	NEZ	05	52	37½	
	e	NEZ		54	44	
	eP ?	NEZ	07	27	49½	
	eP ?	EZ	13	50	52	
	e	EZ		52	50	

TOOLANGI (continued)
SEPTEMBER 1962

17 (cont'd)						
	i(P)	N Z	16	41	55	
	iP	NEZ	18	01	48	compr. S.W.
	i	Z		01	51	
	i	Z		01	56	
	i	Z		02	01	
	i	Z		02	29	
	e(pP)	Z		03	34	
	e(PP)	Z		03	38	
	i	EZ		06	29	
	iS	NE		06	34	
	iScP	Z		06	51	
	iPcS	N		07	50	
	iScS	NE		10	55	
	i(P)	Z	22	25	57	
18	iP	NEZ	00	48	09	
	e	Z		48	55½	
	i	Z		50	15	
	eL	NEZ	01	30	..	
	e(P)	Z	05	32	41	
	eP	N Z	06	18	26½	
	i	NEZ		18	27½	
	i	Z		18	41	
	i	N Z		18	50	
	i	NEZ		20	11	
	e	N Z		22	22	
	iP	NEZ	20	17	23½	
	i	NEZ		17	40	
	i	NEZ		17	55	
	i(P)	Z	20	20	43	
	possibly phase of preceding.					
	eP	EZ	21	54	16½	
	e	N		54	37½	
	i	Z		54	46	
	iP	NEZ	22	11	01	compr. S.W.
	iP ?	EZ	23	25	46	
19	iP	NEZ	07	57	20	
	i	N Z		57	26	
	i	N Z		57	31	
	i	EZ		58	48	
	iP	Z	18	13	41	
	i	EZ		13	45½	
	i	Z		13	56	

MAWSON
SEPTEMBER 1962

10	iP	15	55	07	
	e		55	49	

P.T.O.

MAWSON (continued)
SEPTEMBER 1962

10 (cont'd)					
	e	15	56	02	
	i(pP)		57	21	
	i(PP)		58	44	
	i(S)	16	04	24	
	i	18	01	54	
11	i	00	45	34	
	i	02	37	11	
12	e	21	10	58	
13	iP	19	27	49	
	i(pP)		28	00	
14	i	17	33	56	
	iP	18	29	18	
	i(pP)		30	44	
15	e(P)	23	09	24	
	i(PP)		12	38	
16	i(P)	03	24	22	
	iP	05	56	01	
	i	21	29	55	
	i	22	39	52	
17	i(P)	01	30	47	
	e(P)	18	07	06	
18	iP	22	23	32	
	iP	23	21	26	
19	eP	01	42	19	
	iP	08	01	58	
	i(pP)		02	10	
	iP	18	17	43	

WILKES
SEPTEMBER 1962

15	i(P)	23	09	34	
17	i	02	32	12	
	iP	18	05	14	
	e(pP)		07	14	
18	e(P)	00	48	02	
	iP	06	21	33	dil.
	i(S)		30	39	
	eP	08	08	14	
	ipP		08	29	

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COMMONWEALTH OF AUSTRALIA

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PROVISIONAL READINGS AT THE SEISMOLOGICAL OBSERVATORY :

TOOLANGI
SEPTEMBER 1962

27	iP	NEZ	13	04	59½	
	i	Z		05	29	
	i	EZ		06	18	
	iP	NEZ	13	18	16	
	i	NEZ		18	34	
	iP	NEZ	13	31	33	dil. N.E.
	i	EZ		31	57½	
	i	NEZ		32	29½	
	i	E		33	19	
	iS	NE		36	41	
28	iP ?	Z	03	41	44½	
	i(P)	Z	19	15	06½	
29	iP	EZ	01	32	48.3)	
	i	NEZ		32	54.8)	
	i	E		33	03.8)	
	i	NE		33	42.0)	regional
	i	Z		33	43.6)	
	i	N Z		33	53.6)	
	i	E		34	03.8)	
	i	N Z		34	05.4)	
	i	NE		34	06.0)	
	iP	NEZ	14	34	47	
	i	NEZ		34	55½	
	i(P)	Z	15	46	19	
	i	Z		46	33	
	iP ?	Z	17	33	29½	
	iP	Z	18	12	08	
	i(P)	Z	20	48	24½	
30	iP	N Z	06	52	48	
	iP	EZ	10	54	54	
	e(L)	NEZ	11	07	..	
	iP	NEZ	11	04	59½	dil.
	i	N Z		05	13½	
	i	Z		05	25	
	e(P)	EZ	11	25	57	
	iP	NEZ	22	07	31½	compr.
	i(pP)	Z		07	47½	

OCTOBER 1962

1	iP	NEZ	04	03	17½	dil N.E.
	i	Z		03	29½	
	i	E		03	32	
	i	Z		03	42	
	i	Z		04	34½	
	i	N		04	37½	
	e(P)	Z	07	15	08	

TOOLANGI (continued)
OCTOBER 1962

1 (cont'd)						
	eP	EZ	10	02	48	
	i	EZ		02	54	
	i	NEZ		02	59	
	i	NE		03	41	
	i	Z		05	55	*
	i	N Z		07	56	*
	e	E		12	..	

* possibly separate quakes.

	iP	NEZ	20	49	51	
	i	EZ		50	08	
	i	Z		51	33	
2	iP	NEZ	08	42	11	dil.
	i	Z		42	19½	
	i	Z		42	42	
	i(P)	NEZ	12	43	42	
	i(P)	EZ	19	39	25	
	i(P)	NEZ	19	59	51	
3	iP	NEZ	00	03	26	
	iP	NEZ	06	41	42	
	iP	NEZ	08	46	07	
	iP	NEZ	17	19	15	
	i	EZ		19	24	
	i	EZ		19	42	
	i	Z		20	00	
	iP	EZ	19	01	26	
	e	Z		01	38	

WILKES
SEPTEMBER 1962

27	iP		13	06	23	compr.
28	eP		02	22	55	
	ipP			23	09	
	iP		10	34	35	
	ipP			35	01	
29	iP		15	29	32	dil.
	epP			31	34	
	iS			39	05	
	esS			42	59	
30	eP		10	59	07	
	iP		22	09	57	
	ipP			10	11	

P.T.O.

WILKES (continued)

OCTOBER 1962

1	eP ?	02 51 35
	epP?	51 49
	iP	04 06 48
	ipP	08 40
	i ?	07 48 24
	e	08 54 17
	eP	10 07 17
	e(P)	20 53 11
	i(P)	22 11 03
2	eP	06 45 45
3	eP	01 36 22
	e(P)	01 38 57
	eP	05 04 17
	ipP	04 31
	eP	16 49 39
	epP	49 57
9	e	18 02 03
	eP	18 58 03

MAWSON
SEPTEMBER 1962

24	iP	10 03 38
	i(pP)	03 44
	iP	14 08 50
	iP	14 30 24
	i(P)	14 57 22
	iP	20 58 34
	iP	21 32 50
	iP	22 13 02
25	i(P)	00 30 52
	iP	04 59 06
	i(pP)	59 20
	eP	07 42 06
	iP	08 05 31
	i(pP)	05 36
26	iP	04 15 02
	eP	09 41 26
	iP	09 48 08
	iP	09 49 42
	iP	10 41 26
	iP	12 56 23
	i	13 00 11
	i	14 11 54
	iP	15 54 48
	iP	15 57 10
	iP	16 00 51

MAWSON (continued)

OCTOBER 1962

26 (cont'd)		
	iP	17 23 46
	e	19 06 22
	iP	20 40 28
	iP	20 45 27
	iP	21 46 12
	i(pP)	46 20
	iP	22 46 24
	iP	23 40 06
	iP	23 42 20
	e(P)	23 43 46
27	iP	00 34 12
	iP	06 58 54
	e	07 00 20
	iP	08 03 08
	i	03 13
	iP	12 43 34
	iP	13 36 42
	i	14 50 53
29	iP	15 28 44
	i(pP)	28 56
	iPP	30 44
	eS	37 48
	e(sS)	38 13
	eSS	41 23
	eSSS	46 03
30	iP	08 31 15
	iP	10 20 32
	i(P)	11 00 44
	iP	11 11 02
	i(pP)	11 13
	iP	22 10 48

OCTOBER 1962

1	iP	04 08 26
	iP	07 15 59
2	iP	20 04 12
	i(P)	20 09 36
3	i(P)	16 21 26
4	iP	06 32 06
	e	07 02 40

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PROVISIONAL READINGS AT THE SEISMOLOGICAL OBSERVATORY :

TOOLANGI
OCTOBER 1962

4	eP?	NEZ	02	23	07	
5	iP	N Z	10	48	15	
5	iP	N Z	10	55	25	
5	eP	NEZ	13	09	22	
5	eP?	NEZ	20	29.5..		
6	eP	NEZ	04	29	15	
	i	NEZ		29	25	
	i	N Z		29	31	
	i	EZ		29	43	
	i(PP)	Z		30	06	
	i(PPP)	N Z		30	18	
	i	NEZ		30	26	
	i	N Z		31	11	
	i	Z		31	56	
	e(PcP)	N Z		32	16	
	e	Z		32	42	
	i	N		33	09	
	i(S)	N		34	00	
	i(SS)	N		35	40	
6	iP	NEZ	05	49	15	dil.
6	e(P)	Z	07	23	02	
6	i(P)	Z	08	02	17	
	i	Z		02	23	
	i	Z		02	28	
6	eP	Z	08	09	28	
	i	Z		09	36	
	i	Z		09	42	
	i	Z		09	56	
	i	Z		10	36	
	i	N		15	49	
6	iP	NEZ	11	06	53	Compr.S.W.
	i	NEZ		07	29	
	i	N Z		07	54	
6	iP	Z	11	09	54	Compr.
6	iP	Z	11	13	10	
6	eP	EZ	18	07	09	
6	iP	NEZ	21	37	11	
6	iP	NEZ	23	37	17	dil.N.E.
	i(S)	NE		42	00	
	i(SS)	N		43	39	
7	iP	NEZ	00	54	54	
	i	Z		54	58	
8	iP	NEZ	05	25	05	Compr.
8	iP	EZ	17	24	39	
8	eP	NEZ	18	00	23	
8	iP	NEZ	19	00	46	dil.

TOOLANGI (Cont'd)
OCTOBER 1962

8	eP	NEZ	22	07	03	
	i	EZ		07	12	
	i(pP)	NEZ		07	24	
	i	Z		07	31	
	eS	E		15	51	
	e	E		16	07	
	e	E		16	18	
	e	E		16	39	
	i	N		23	15	
8	iP	Z	22	34	47½	
	i	Z		35	01	
	i	Z		35	22	
8	eP?	Z	23	08	19	
9	iP	NEZ	20	21	22	
	i	NEZ		21	32	
	i	Z		21	34	
	i	Z		21	39	
	i	Z		22	00	
	i	Z		22	06	
	i	Z		22	49	
	iS	NE		26	54	
	e	E		30	21	
10	iP	NEZ	09	26	38	
10	eP	EZ	10	43	07	
10	iP	N Z	11	18	52	
	i	Z		19	03	
10	iP	NEZ	13	41	07	
	i	Z		41	22	
	i	EZ		41	34	
	i	NEZ		41	43	
10	iP?	EZ	16	32	04	
10	iP	NEZ	22	00	30½	dil.N.E.
	i	EZ		00	39	
	i	EZ		00	54	
	i	Z		01	39	

MACQUARIE ISLAND
OCTOBER 1962

6	iP	11	08	23	

WILKES
OCTOBER 1962

5	eP	03	29	43	
	ipP		29	57	
6	iP	03	36	44	
6	iP	04	14	37	
6	eP	04	33	38	
	iS		41	58	

P.T.O.

WILKES (Cont'd)
OCTOBER 1962

6	eP	05	51	42
	ipP		51	57
6	e(P)	08	06	35
6	e(P)	08	13	49
6	iP	11	11	10
	ipP		11	58
	iS		19	35
6	eP	18	11	19
6	eP	19	31	02
6	iP	20	25	36
6	eP	20	58	21
	ipP		58	35
6	eiP	23	41	39
	iS		49	58
7	iP	00	59	15
7	e(P)	14	55	40
	i(pP)		55	57
7	eX	17	17	11
7	iP	19	09	16
	ipP		09	29
7	e	23	20	10
8	iP	11	48	32
	ipP		48	47
8	iP	12	20	25
	ipP		20	39
8	iP	22	09	24
	eSKS		19	36
	iS		20	16
8	eP	23	43	35
9	iP	01	12	19
	ipP		12	33
9	iP	20	25	38
	iS		34	32

MAWSON:
OCTOBER 1962

4	i	12	49	42
4	i(P)	20	46	42
	i(pP)		47	11
5	e	07	30	06
5	iP	16	02	09
	i(pP)		02	18
5	iP	17	19	50
6	iP	04	35	29
	eS		45	33
	esS		45	59
	i		47	11
6	iP	07	29	08
	i(pP)		29	19
6	iP	08	08	27
	ipP		08	37
6	i(P)	08	15	29
	i(pP)		15	41
	e(S)		25	42
6	iP	08	43	56
6	iP	11	12	56

The following phases occurred on the 3rd of October, not the 4th as previously reported.

3	iP	06	32	06
3	e	07	02	40

International Seismological Centre

L S. Prior per CB

(L.S PRIOR)

A/CHIEF GEOPHYSICIST
12.10.62

4/3

COMMONWEALTH OF AUSTRALIA

DEPARTMENT OF NATIONAL DEVELOPMENT

Reference -
4V/1/2

Bureau of Mineral Resources,
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203 Collins Street,
MELBOURNE. C.1. VICTORIA.

International Seismological Centre

PROVISIONAL READINGS AT THE SEISMOLOGICAL OBSERVATORY :

TOOLANGI
OCTOBER 1962

11	eP	NEZ	06	31	57	
11	eP	EZ	16	13	15	
	i	N Z		13	24	
	i	Z		13	31	
11	eP	NEZ	18	14	51	
	e	EZ		15	03	
12	eP	EZ	01	50	55	
	i	Z		51	08	
12	iP	Z	09	19	12	
	e	Z		19	39	
12	iP	NEZ	10	55	08	compr.S.W.
	i	Z		55	40	
12	iP	NEZ	11	50	50	dil.
12	iP	EZ	14	58	07	
	e	Z		58	18	
12	eP	EZ	19	10	12	
	e	Z		10	33	
12	iP?	EZ	20	45	15	
12	iP?	Z	22	49	14	
13	iP	NEZ	08	33	33	dil. E.
	i	Z		33	39	
	i	N Z		34	02	
13	iP	NEZ	18	54	02½	dil.
	i	N Z		54	17	
	i	NEZ		54	46	
	eL	Z	19	04	..	
14	eP	Z	00	39	00	
14	iP	NEZ	14	15	47	
14	eP	EZ	15	20	12	
	e	N Z		20	19	
15	iP	NEZ	00	31	06	
	i	EZ		31	17	
	i	Z		31	34	
	i	Z		31	52	
15	iP?	NEZ	05	44	02	
15	iP?	NEZ	06	04	16	
15	iP	NEZ	06	37	53	compr.
15	iP	NEZ	08	16	24	
	i	Z		16	34	
	i	N Z		16	40	
15	iP	Z	17	36	53	
	e	Z		37	10	

TOOLANGI (continued)
OCTOBER 1962

15	iP	NEZ	23	41	01½	compr.N.W.
	i	EZ		41	10½	
	i	NEZ		41	24	
	i	N Z		41	35	
	i	Z		41	37	
	i	EZ		41	50	
	i	Z		42	02½	
	e	E		44	23	
	i	NEZ		44	32	
	i(S)	NE		44	46	
	i	NE		45	03	
	i	N		45	54	
	e(T)	NEZ		57	..	
16	iP	EZ	05	49	18	
16	iP	NEZ	09	56	16	dil. S.W.
	i	Z		56	29	
16	e(P)	Z	18	16	15	
16	iP	NEZ	18	52	28	compr. S.
	e	Z		52	42	
16	iP	EZ	19	14	17	
	i	Z		14	28	
17	iP?	NEZ	07	02	14	

MAWSON
OCTOBER 1962

7	iP	16	07	38	
7	i(P)	16	09	52	
7	iP	16	59	30	
8	iP	01	20	20	
8	iP	08	49	05	
8	e	14	28	15	
8	iP	14	43	32	
	ipP		43	38	
8	iP	14	59	13	
8	i(P)	16	40	42	
8	iP	17	29	58	
8	iP	19	06	39	
8	e	22	14	29	
9	iP	09	19	45	
9	i	13	01	56	
9	iP	16	27	56	
	ipP		28	03	
9	iP	20	27	14	
	ipP		27	22	
10	i(P)	00	27	32	
10	i(P)	01	57	23	

P.T.O.

MAWSON (continued)

10	iP	04	52	31
	ipP		52	48
10	iP	09	31	50
10	iP	11	25	04
	ipP		25	11
10	iP	12	43	36
	i(pP)		43	42
10	iP	13	43	59
	ipP		44	09
	i		55	01
10	iP	17	37	09
10	eP	21	04	45
10	eP	22	05	26
12	iP	07	03	15
12	i(P)	08	08	32
	i		09	00
12	iP	17	05	36
	e(pP)		05	42
12	iP	19	15	17
	ipP		15	29
12	iP	20	50	26
	i(pP)		50	33
13	iP	19	00	09
	i(pP)		00	21
14	iP	00	41	01
	ipP		41	17
14	iP	03	26	26
14	iP	10	34	22
15	eP	14	11	03
15	iP	20	29	18
15	i	21	33	54
15	iP	23	46	14
	ipP		46	23
16	i	03	01	45
16	e(P)	03	17	34
16	i(P)	03	45	54
	i(pP)		45	59
16	i(P)	05	33	34
16	iP	07	23	00
	i(pP)		23	08
16	iP	07	30	06
	i(pP)		30	22
16	iP	10	02	22
16	iP	18	22	15
	e(pP)		22	22
	i		22	45
18	iP	04	17	01
	i(pP)		17	08
18	i	04	45	15

WILKES
OCTOBER 1962

13	i(P)	18	58	24
14	iP	00	39	03
14	e(P)	02	13	13
15	eP	21	32	05
15	eP	23	43	58
16	eP	02	05	09
	i(pP)		05	29
16	i	07	24	10
16	i	18	25	03

International Seismological Centre

L.S. Rocio

(L.S. PRIOR)
A/CHIEF GEOPHYSICIST.
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COMMONWEALTH OF AUSTRALIA

DEPARTMENT OF NATIONAL DEVELOPMENT

Reference -
4V/1/2

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PROVISIONAL READINGS AT THE SEISMOLOGICAL OBSERVATORY :

TOOLANGI
OCTOBER 1962

25	e(P)	N Z	03	44(41)
25	e(P)	EZ	09	11 37
25	iP	NEZ	09	42 12 compr.S.
	i(pP)	Z		42 34
	i	Z		42 42½
	i(PcP)	NEZ		43 55
	i	Z		44 15
	e	E		45 25
	i	Z		47 43½
	i	Z		47 49
	iS	NE		48 36
	i(ScS)	N		52 02
25	i(P)	Z	09	56 07
25	iP ?	EZ	12	43 41
	i	NEZ		43 42½
25	eP	EZ	16	11 28
25	e(P)	Z	16	16 05
25	iP	NEZ	20	11 29
	i(pP)	N Z		11 41
	i(PP)	Z		12 15
	i	Z		12 41
	i(S)	E		16 01
	i(sS)	N		16 21
	i	Z		16 57
	i	E		17 06
	i	N		17 34
	i	Z		18 25
	i	N		18 57
26	eP	NEZ	07	26 14
	i	Z		26 26
	i	EZ		26 36
	i	N		26 43½
	i	Z		26 48
	i	EZ		26 59
	i	Z		27 50
	i	Z		28 03½
	i	Z		29 04
	e	NE		32 34
	e	N		34 40
	e	Z		36.4
	e	N		36 54
	e	N		38 21
26	e(P)	Z	13	45 56
26	eP	N Z	16	11 18
	i	Z		11 28
	i	Z		11 38
	i	E		12 05

TOOLANGI (cont'd)
OCTOBER 1962

26	iP	NEZ	20	30 45 dil. N.
	i	Z		32 35½
26	i(P)	NEZ	22	21 47
27	iP	N Z	08	29 15
	i	EZ		29 23
	e	Z		29 33
	e(P)	N Z	09	35 53
27	i(P)	NEZ	20	32 45
27	eP	Z	22	17 56
	e	Z		18 09
28	e(P)	EZ	07	34 22
	e	Z		34 32
28	iP	N Z	12	16 06
	i	Z		16 11
	i	Z		16 25
	i	N Z		16 32½
28	e(P)	Z	14	07 16
28	iP	NEZ	15	08 10 compr.S.E.
	i	Z		08 42
	i	EZ		09 22
	i(pP)	Z		10 00½
28	iP	NEZ	20	47 55½
29	iP	NEZ	02	36 24½
29	iP	NEZ	05	39 35
29	eP	EZ	11	12 31
	i	Z		12 51
	i	Z		12 58½
29	iP	Z	19	17 25
29	eP	Z	21	14 02
	i	Z		14 08½
30	eP	Z	01	58 43
	i	Z		58 53
	i	Z		59 23
	e	Z	02	00 09
30	iP	EZ	08	50 49
	i	Z		51 02
	i	Z		51 08
30	i(P)	NEZ	12	40 21

P.T.O.

TOOLANGI (cont'd)
OCTOBER 1962

30	iP	NEZ	15 27 49	
	i	Z	28 00	
	i	Z	28 03	
	i	Z	28 15	
30	iP	NEZ	15 46 43	
	i	Z	46 53	
	i	Z	47 00	
	i	N Z	47 07	
	i	Z	47 41	
	i	Z	47 54	
	i	E	50 16	
	e(S)	NE	53 46	
	e	NE	55 15	
	e	NE	57 44	
	e	NE	58 49	
	e	Z	16 01.3	
30	iP	EZ	16 12 09	
30	e(P)	Z	16 25 42	
30	iP ?	NEZ	17 04 09	
30	iP	NEZ	19 00 51	
	e(S)	EZ	07 16	
30	iP	NEZ	19 29 37½	
	i	Z	29 47	
	e	Z	30 09	
30	iP	NEZ	21 02 21½	compr.
	i	Z	02 32	
	i	Z	02 38	
30	iP ?	Z	23 21 30	
31	i(P)	NEZ	05 29 21½	
31	e(P)	NEZ	06 35 28	

MACQUARIE ISLAND
OCTOBER 1962

25	iP	09 44 35	
	eP	20 07 55	
	eL	09.8	
28	eP	15 10 31	
	e	11 03	

WILKES
OCTOBER 1962

25	e	01 43 48	
	i	43 55	
25	eP	03 49 01	
25	iP	09 45 18	
	ipP	45 35	
	iS	54 21	
25	iP	20 10 37	compr.W.
	iS	14 06	
26	eP	05 20 40	
	ipP	20 54	

WILKES (cont'd)
OCTOBER 1962

26	iP	07 30 38	
	eS	38 52	
26	eP	16 07 59	
	e(S)	15 30	
28	iP	15 11 04	compr.
28	eP	21 42 47	
30	iP	01 55 00	
	iS	02 01 54	

MAWSON
OCTOBER 1962

25	iP	09 34 55	
25	i	09 46 32	
	e	46 45	
	e(S)	56 42	
25	i(P)	12 48 50	
25	iP	20 43 12	
	i	43 20	
	iPP	44 46	
	eS	48 57	
26	iP	07 32 20	
	i	32 37	
	eS	42 33	
26	iP	08 42 32	
26	iP	09 45 22	
	i	45 29	
26	iP	14 47 37	
	i	47 57	
26	iP	16 06 10	
	i	06 20	
	i	12 01	
	iS	12 17	
26	iP	22 16 39	
27	iP	08 27 10	
	i	27 18	
27	i(P)	12 41 34	
27	iP	14 29 30	
	i	30 36	
27	iP	15 48 21	
27	iP	16 34 16	
28	iP	10 52 39	
28	i(P)	14 12 32	
28	iP	15 12 17	
28	i	16 48 56	
28	iP	17 05 42	
28	iP	19 39 29	

International Seismological Centre

L S Prior per HC

(L.S. PRIOR)
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2.11.62.

COMMONWEALTH OF AUSTRALIA

DEPARTMENT OF NATIONAL DEVELOPMENT

4/3.

Reference -
4V/1/2

Bureau of Mineral Resources,
Geology and Geophysics,
203 Collins Street,
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International Seismological Centre

PROVISIONAL READINGS AT THE SEISMOLOGICAL OBSERVATORY :

TOOLANGI
NOVEMBER 1962

1	no time marks from		
	00 02 00 on 1/11 to		
	02 00 00 on 2/11		
2	no time marks from		
	04 58 00 on 2/11 to		
	07 05 00 on 3/11		
3	iP	NEZ	14 34 11
	i	Z	34 38
	i	Z	34 49½
3	eP ?	Z	18 10(44)
4	iP	NEZ	01 49 35
4	iP	EZ	12 12 48
4	iP	NEZ	19 36 31½
4	iP	EZ	21 14 33
4	i(P)	NEZ	21 41 17
4	iP(KP)	NEZ	23 06 37½
	i	Z	06 48
	e	Z	07 00
	i	N Z	07 11½
	i	N	07 19
	eL	E	39.0
	eL	N Z	47.9
5	eP	NEZ	00 18 13
	eL	NE	26.0
5	iP	NEZ	05 18 24
5	e(P)	Z	07 28 12
5	e(P)	Z	21 05 36
6	eP ?	NEZ	02 07 33
6	iP	NEZ	20 57 55½
	i	Z	58 11½
	e	Z	58 22
6	iP	NEZ	21 33 20½
6	iP	NEZ	22 05 01
7	e(P)	EZ	00 20 18
7	iP	NEZ	04 05 27½
7	eP ?	Z	04 24 07
7	iP	NEZ	06 21 18 compr.
	i	EZ	21 32
7	iP	NEZ	06 28 08 dil.

TOOLANGI (continued)
NOVEMBER 1962

7	iP	NEZ	16 10 06 dil. N.W.
	i	NEZ	10 46½
	i	NEZ	10 54½
	i	NEZ	11 38
	i	NEZ	11 54
	i	N	15 42
	i *	NEZ	15 50
	i	N	18 52
	i	E	20 08
	e	N	20 37
	i	Z	21 27
	i	N	21 54
	i	E	22 12
	i	E	22 40
	i	N	23 11

* possibly P of separate 'quakes.

7	eP	Z	20 12 28

WILKES
NOVEMBER 1962

1	iP	15 44 29
	iS	53 30
1	iP	18 03 29
	eS	12 30
1	eP	23 18 26
	epP	18 41
2	iP	14 56 18 compr.
	eS	15 04 01
3	iP	01 11 09
3	i(P)	14 18 31
4	iP	23 04 48
	i(pP)	05 04
	iS	14 07
7	iP	13 17 23
7	eP	16 12 44
7	eP	18 40 29
	ipP	40 42

MACQUARIE ISLAND
NOVEMBER 1962

2	eP	14 56 11
7	iP	16 12 32 compr.

MAWSON
OCTOBER 1962

29	iP	07 29 00
29	eP	09 42 14

P.T.O.

MAWSON (continued)
OCTOBER 1962

30	iP	01 52 24
	ePP	53 08
	eS	57 20
	eSS	58 36
30	iP	08 50 38
30	eP	15 52 35
31	e	03 08 40
31	i(P)	05 55 58
31	i(P)	06 13 23
31	iP	06 33 00
31	iP	08 45 34
	ipP	45 49
31	iP	08 52 58
31	iP	09 35 25
	i(pP)	35 40
31	e	09 38 40
31	iP	10 30 23
31	e	11 05 47
31	i	11 11 46

NOVEMBER 1962

1	iP	04 41 50
1	e(P)	05 51 48
	i	52 58
1	iP	09 58 20
1	e	14 03 44
1	iP	14 18 40
1	iP	15 42 34
1	i(P)	15 45 49
	e	48 29
1	i	16 05 08
1	i(P)	18 04 49
2	iP	07 02 26
	e	06 22
2	iP	07 09 32
2	i(P)	14 57 35
	i(pP)	57 48
2	iP	15 23 35
	ipP	23 55
3	iP	01 12 52
3	iP	03 23 34
	ipP	23 46

MAWSON (continued)
NOVEMBER 1962

3	i(P)	03 25 47
3	iP	05 11 27
4	eP	23 04 13
	eS	12 57
6	iP	21 39 19
7	iP	16 14 03
7	iP	19 08 18
7	iP	22 46 04
8	iP	00 15 16
8	iP	00 58 14

International Seismological Centre

L.S. Prior

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A/CHIEF GEOPHYSICIST

9.11.62.

COMMONWEALTH OF AUSTRALIA

DEPARTMENT OF NATIONAL DEVELOPMENT

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Reference -
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Bureau of Mineral Resources,
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PROVISIONAL READINGS AT THE SEISMOLOGICAL OBSERVATORY :

TOOLANGI
NOVEMBER 1962

8	iP	NEZ	00 52 06	dil.
	i	Z	52 11½	
	i	EZ	52 20	
8	iP	NEZ	06 09 55½	
8	e	Z	07 08 11	
8	iP	NEZ	07 54 25	
	i	NEZ	54 35½	
	i	N	54 40	
	i	Z	54 51	
	i	Z	55 13	
	i	N	55 30	
	i	Z	55 35	
	i	Z	55 44	
8	iP	NEZ	10 09 24	
	i	N Z	09 38	
	e	NEZ	09 58	
8	i(P(	Z	17 23 49½	
9	i	Z	00 15 09	
9	iP ?	Z	06 50 02	
9	iP	EZ	08 32 20½	
	e	N Z	32 34	
	i	Z	32 51	
9	iP	NEZ	09 33 00	
10	iP	N Z	01 45 29½	
	i	N Z	45 45½	
	i	NEZ	45 49½	
10	e	Z	02 04 07	
10	i(P)	NEZ	05 31 34	
10	iP	NEZ	14 00 05	
10	iP	EZ	21 20 08½	
	i	EZ	20 12	
	i	EZ	20 20	
	i	Z	20 26	
	i	Z	21 21	
11	i(P)	Z	05 39 21	
11	iP	Z	06 34 16	
11	iP	Z	07 49 55	
	i	Z	50 11½	
11	e	Z	10 42 36	
11	iP	NEZ	12 04 11½	
11	e	EZ	14 54(36)	
	i	Z	54 46	

TOOLANGI (cont'd)
NOVEMBER 1962

11	iP	NEZ	16 16 09½	
	i(pP)	EZ	16 35½	
	i	Z	16 51½	
	iS	NE	21 10	
	i	N	21 30	
	i	NE	21 36	
	e(ScS)	E	26 41	
11	i(P)	NEZ	16 19 04½	
	i	N Z	19 19	
	i(S)	NE	24 05	
	i	N	24 40	
11	iP	N Z	22 27 20½	
	i	Z	27 38½	
	i	N Z	28 09	
12	i	Z	00 39 29½	
12	iP	NEZ	12 59 52	compr.
	i	NEZ	13 00 00	
	i	N Z	00 14½	
13	iP	NEZ	00 13 24	
13	e	Z	02 53(29)	
13	e	Z	09 06(43)	
	i	Z	07 08	
13	i	Z	11 17 34	
13	eP	EZ	13 28 28	
	i	N Z	28 40	
	i	EZ	28 53	
13	i	Z	14 24 41	
13	iP	NEZ	22 00 27	
	i	N Z	00 34½	
	i	Z	00 40	
	i	N Z	00 52	
14	iP	NEZ	03 34 18	
14	i(P)	EZ	05 21 54½	
	e	Z	22 02	
14	i	EZ	06 00 11	
14	i	EZ	07 30 32½	
14	iP	Z	07 59 31½	dil.
	i	N Z	59 41½	
	i	Z	08 00 08	
	i	N Z	00 27	
	i	N	00 35	
	i	Z	00 40½	
14	iP	Z	14 10 50½	
14	e	Z	15 47 27	
14	No record from		18 15 42	
		to	22 26 44	-
	Power failure.			

P.T.O.

MACQUARIE ISLAND
NOVEMBER 1962

11	iP	16 17 43 compr.
13	eP ?	07 06 30
14	eP	22 09 44

WILKES
NOVEMBER 1962

8	e(P)	08 44 11
	i(pP)	44 28
8	i	10 13 44
11	iP	07 48 95 compr.
	eS	55 15
11	iP	16 20 30 compr.W.
	e(S)	28 48
	i(S)	29 08
11	i	22 25 32
	i	25 33
13	e(P)	21 56 33
	i	57 09
	e(S)	22 04 39
14	eP	22 09 57
	iS	18 43

MAWSON
NOVEMBER 1962

8	eP	08 00 38
8	iP	09 29 31
8	iP	10 15 34
	ipP	16 00
8	iP	21 35 26
	ipP	35 37
10	iP	06 24 40
11	iP	07 47 20
	ipP	47 35
	iPcP	48 26
11	iP	11 50 48
	i(pP)	50 57
11	e	15 28 12
11	iP	16 22 17
11	iP	22 24 57
11	e	22 53 26

L.S. Prior per

(L.S. PRIOR)
A/CHIEF GEOPHYSICIST

16.11.62

International Seismological Centre

COMMONWEALTH OF AUSTRALIA

DEPARTMENT OF NATIONAL DEVELOPMENT

Reference -
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Bureau of Mineral Resources,
Geology and Geophysics,
203 Collins Street,
MELBOURNE. C.1. VICTORIA.

International Seismological Centre

PROVISIONAL READINGS AT THE SEISMOLOGICAL OBSERVATORY :

TOOLANGI
NOVEMBER 1962

15	iP	EZ	01	49	01	compr.W
15	iP	NEZ	11	36	47	dil.
	i	Z		37	04	
15	iP	NEZ	16	31	21	compr.
	e	N Z		31	34	
	i	N Z		31	39	
	i	N Z		31	50	
	i	N		32	11	
	i	EZ		32	32	
15	i(P)	NEZ	17	26	23	
15	i	NEZ	20	43	09	
	i	N Z		43	18½	
15	iP	NEZ	23	43	58	
15	e	Z	23	45	07	
15	e	NEZ	23	54	22	
	e	Z		54	26	
16	iP	NEZ	02	26	10	dil.E.
	i	N Z		26	20½	
	i	Z		26	29	
16	iP	NEZ	07	30	47	dil.
	i	NEZ		30	55	
	i	Z		31	13	
	i	Z		31	21	
16	iP	NEZ	10	01	46	compr.S.
16	iP	NEZ	21	21	15½	
	i	Z		21	25	
	i	NEZ		21	29½	
	i	N Z		22	18	
	i	NE		22	36	
17	iP	NEZ	00	05	23	
	i	NEZ		05	34	
17	e(P)	Z	00	33	12	
	e	Z		33	40	
	i	Z		35	03½	
17	iP	EZ	01	21	28	
	i	Z		23	16	
17	iP	NEZ	14	29	01½	compr.
	i	Z		29	14½	
	e	Z		30	26	
	i	Z		33	21	
	i	N		35	04	
	i	NEZ		35	11	
18	iP	NEZ	06	50	54½	dil.
	i	NEZ		51	10½	
	i	EZ		51	21	
	i	Z		52	32½	
	i	N Z		52	48	

TOOLANGI (cont'd)
NOVEMBER 1962

18	eP	NEZ	12	08	01½	
	i	N Z		08	07	
19	iP	Z	04	26	14	
	i	EZ		26	30	
19	iP	Z	07	35	44	
19	i(P)	N Z	10	25	25	
	e	N Z		25	37	
19	e(P)	Z	10	40	05	
	i	Z		40	13	
19	i ?	NEZ	11	37	41½	
19	iP	N Z	14	04	06½	
	i	Z		04	14	
	i	NEZ		04	18½	
	i	Z		04	21	
	i	NE		04	31½	
	eL	E		09	.4	
19	iP ?	Z	14	52	44½	
	i	NEZ		52	47	
20	no record from		01	27	00 to	
			07	10	00 (calibrating)	
20	i(P)	Z	10	17	36½	
20	iP	NEZ	12	15	43.8	dil.S.E.
	iS	N		15	57.8	
	i	EZ		15	58.7	
20	i	NEZ	13	07	51	
20	e ?	Z	18	02	40	
20/21	no record from		22	29	00 to	
			07	49	00 (calibrating)	
21	iP	NEZ	19	46	26½	
	i	E		46	36	
	i	N Z		46	40	
	i	Z		47	00½	
	e	N Z		48	43	

MACQUARIE ISLAND
NOVEMBER 1962

16	eP	21	22	50	
18	iP	18	15	02	
18	e	18	53	57	
	e		54	08	

WILKES
NOVEMBER 1962

15	iP	16	03	39	*
	iS		13	13	
	possibly	16	33	39	
			43	13	
15	e	23	33	05	

P.T.O.

WILKES (cont'd)
NOVEMBER 1962

16	i(P)	07 30 24
	iS	40 16
16	eP	21 22 12
	iS	32 14
17	iP	14 31 40
18	eP	05 22 55
	i(pP)	23 08
18	eiP	06 53 56
18	iP	18 05 51
	ipP	06 04
19	e(P)	14 03 23
	i(S)	07 09

MAWSON
NOVEMBER 1962

12	i(P)	09 32 58
12	iP	19 52 14
13	iP	10 16 02
	ipP	16 17
13	iP	21 55 21
14	iP	06 39 04
14	iP	07 35 37
14	iP	08 06 46
	ipP	07 00
15	iP	16 20 31
	i(pP)	20 38
15	iP	16 37 23
	ipP	37 37
15	i(P)	23 38 54
16	iP	06 37 18
16	iP	07 30 37
	eS	40 55
	esS	41 22
	eSS	46 18
16	i(P)	21 22 30
	i	23 04
	eS	32 48
	esS	33 01
17	iP	06 56 45
17	iP	14 32 45
	i	34 55
17	iP	15 01 38
17	iP	20 04 18
	ipP	04 32
17	i	23 24 05
18	iP	00 20 52
18	iP	06 55 11
18	iP	08 38 02
18	i(P)	11 10 31
	i(pP)	10 41

MAWSON (cont'd)
NOVEMBER 1962

19	e(P)	10 24 52
	eS	33 33
19	iP	14 06 02
19	iP	16 06 39
20	iP	05 06 01
20	e	07 52 19
20	iP	10 23 40
	ipP	23 47
20	iP	12 54 00
20	iP	13 12 10
	ipP	12 20
20	e	13 43 31
20	iP	16 21 11
	ipP	21 28
20	e(P)	18 08 13
20	eP	18 19 34
20	eP	19 34 49
21	iP	14 23 03
21	i(P)	17 46 06
21	iP	19 51 35
	i	51 47
	i(pP)	51 59
21	i(P)	20 20 11
21	iP	20 55 33
21	iP	22 36 41

International Seismological Centre

L S Prior per

(L.S. PRIOR)
A/CHIEF GEOPHYSICIST

23.11.62.

4/3

COMMONWEALTH OF AUSTRALIA

DEPARTMENT OF NATIONAL DEVELOPMENT

Reference -
4V/1/2

Bureau of Mineral Resources,
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PROVISIONAL READINGS AT THE SEISMOLOGICAL OBSERVATORY :-

TOOLANGI
NOVEMBER 1962

21/22	no record from 22 27 30 on 21st to 05 28 00 on 22nd			
22	e	Z	07 35 59	
22	eP	N Z	07 43 11	
	e	EZ	43 22	
	e	EZ	43 42	
22	iP	NEZ	08 43 21½	
22	iP	NEZ	09 10 27½	
22	e	Z	10 44 06	
	i	Z	44 16½	
22	e	Z	14 26 47	
22	i	NEZ	20 39 12½	
	i	N Z	39 29½	
	i	Z	39 36	
	i	N Z	40 14	
23	e	NEZ	06 00 30	
23	iP	N Z	10 48 29	
23	iP	EZ	12 16 52	
23	e	Z	15 33 08	
23	e(P)	EZ	23 11 46	
	i	Z	13 17	
24	iP	NEZ	10 39 53	dil.E.
	i	EZ	40 02½	
	i	Z	40 15	
24	e	Z	17 29 51	
25	iP	NEZ	10 00 26½	
	e	NEZ	00 34½	
25	e(P)	N Z	15 02 21	
	e	Z	02 29½	
26	iP	NEZ	12 41 09	dil.E.
	i	E	41 21	
26	eP	EZ	16 05 45	
	i	EZ	05 51½	
	e	Z	06 07	

TOOLANGI (continued)
NOVEMBER 1962

27	iP	NEZ	07 03 29	dil.N.(W)
	i	EZ	03 44½	
	i(pP)	NEZ	04 08	
	e(sP)	N Z	04 33	
	i(sPP)	N Z	05 45	
	i(PcP)	N Z	05 54	
	e(S)	E	08 40	
27	eP	NEZ	12 17 00	
	e	NEZ	17 12	
27	eP	NEZ	16 59 17	
	e	Z	59 29	
	e	Z	59 37	
28	iP	NEZ	02 44 38	dil.N.
	i(pP)	NEZ	44 49½	
	i	N Z	45 05	
	e	E	45 31	
	i	EZ	46 01	
	e	E	47 06	
28	e(P)	Z	05 11 03	
28	iP	NEZ	06 03 26½	
	i	N Z	03 34	
	e	N Z	03 51½	
	e	E	04 17	
28	iP	NEZ	15 36 54½	compr.S.E.
	e	Z	37 02½	
28	iP	EZ	19 59 53	
	e	EZ	20 00 00	
28	eP	NEZ	21 01 45	

MACQUARIE ISLAND
NOVEMBER 1962

25 Ceased recording until further notice. Alterations to instrumentation.

MAWSON
NOVEMBER 1962

22	i(P)	07 49 28	
22	i(P)	10 43 37	
22	iP	20 44 17	
	ipP	44 26	

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MAWSON (continued)
NOVEMBER 1962

23	iP	00 06 48
23	iP	00 43 12
	ipP	43 22
23	i	00 57 57
23	iP	14 38 11
24	iP	04 10 24
24	iP	08 22 41
	ipP	22 51
24	iP	16 11 34
	ipP	11 47
24	i	17 35 37
25	iP	06 58 50
25	iP	10 33 09
25	iP	14 38 20
	ipP	38 34
26	iP	06 22 35
	ipP	22 40
26	i(P)	14 30 59
	i(pP)	31 25
26	iP	16 10 52
27	iP	07 22 37
	ipP	22 58
27	i(P)	12 20 32
27	iP	22 01 25
28	iP	05 13 01
	i	13 18
28	i	05 19 40
28	iP	15 28 07

WILKES
NOVEMBER 1962

26	i(P)	16 09 14
	e	17 29
28	iP	02 48 08
	eS	58 19
28	iP	05 14 49
28	i(P)	05 21 29
28	eiP	15 37 47

L. S. Prior

(L.S. PRIOR)
A/CHIEF GEOPHYSICIST

30.11.62.

COMMONWEALTH OF AUSTRALIA

DEPARTMENT OF NATIONAL DEVELOPMENT

Reference -
4V/1/2

Bureau of Mineral Resources,
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PROVISIONAL READINGS AT THE SEISMOLOGICAL OBSERVATORY :

TOOLANGI
NOVEMBER 1962

29	e	Z	02	51	42	
29	eP	NEZ	04	04	43	
	i	NEZ		05	08	
	i	EZ		06	10	
	i	Z		07	31½	
29	e(P)	NEZ	07	37	17	
	e	Z		37	34	
	e	Z		38	43	
29	eP	NEZ	09	10	55	
	i	Z		11	09	
	i	EZ		11	19	
	e	Z		12	35	
29	iP	EZ	11	54	53½	
29	iP	NEZ	12	53	28.0 dil.N.	
	i	N Z		53	31	
	i	Z		53	37½	
	i	Z		54	07	
29	eP	NEZ	19	12	33	
	i	NEZ		12	37	
	i	N Z		12	45	
	i(pP)	Z		12	50	
	i	EZ		13	02	
	i	Z		14	24½	
	e	N		16	02	
	i(S)	N		17	27½	
	e	EZ		17	31	
	e	Z		19	18½	
	e(ScP)	NEZ		19	25	
	e(PcS)	N		19	33	
	e(ScS)	N		23	36	
30	eP	NEZ	05	00	03	
	e	EZ		00	19	
30	eP	NEZ	17	01	28	
	i	N Z		02	03	
	i	NEZ		03	14½	
30	e	N Z	23	14	15	

DECEMBER 1962

1	eP	NEZ	04	23	19	
	i	EZ		23	30	
	i	N		23	39	
	i	EZ		23	50	
	i	Z		24	11	
	i	Z		25	13	
	e	Z		26	09½	
	e(S)	E		28	54	
1	e(P)	Z	17	43	35	
	e	Z		43	38½	
1	iP	NEZ	21	09	12.0 dil.N.E.	
	i	N Z		09	21	
	i	Z		09	26	
	i	Z		09	42½	

TOOLANGI (cont'd)
DECEMBER 1962

2	i	NEZ	05	17	36	
2	eP	NEZ	05	37	05	
	eL	N Z		48.0		
2	e	EZ	12	21.0		
2	e(P)	NEZ	16	18	39	
2	e(P)	Z	17	38	53	
3	e	Z	04	54	35	
3	i	NEZ	12	56	19	
4	iP	EZ	08	44	19	
4	iP	NEZ	10	40	47	
	i	N Z		40	55½	
	i	Z		41	03	
	e	Z		41	22	
4	iP	NEZ	16	47	56½	
	i	Z		48	07½	
	i	EZ		48	09½	
	e	N		58.1		
4	iP	NEZ	18	00	28½	
	i	Z		00	36	
	i	NEZ		00	47	
4	iP	NEZ	19	39	11½	
	i	NEZ		39	16½	
	e	Z		39	33	
	i	Z		39	51	
5	iP	NEZ	05	17	35	dil.
	i	N Z		17	45	
5	i	NEZ	22	09	36	

WILKES
NOVEMBER 1962

29	eP	01	05	25	
	ipP		05	39	
29	iP	04	07	58	dil.
	ipP		08	55	
29	i(P)	09	14	18	
29	eP	17	28	43	
	epP		28	57	
29	iP	19	16	54	dil.
	eiS		25	18	

DECEMBER 1962

1	e(P)	02	13	49	
1	iP	04	26	32.5	compr.
	i(pP)		27	02	
2	iP	05	41	34	
	eS		50	17	
4	iP	20	28	34	
	iS		32	40	

MAWSON

NOVEMBER 1962

29	iP	07	42	26
	i(pP)		42	31
29	iP	09	16	03
	i(pP)		16	17
29	e	19	18	26
30	iP	14	32	03
30	iP	17	05	45
	ipP		06	00

DECEMBER 1962

1	i(P)	02	30	08
	i(pP)		30	21
1	iP	04	28	25
	ipP		28	43
1	iP	11	22	34
	i(pP)		22	44
1	iP	13	44	06
1	iP	21	14	18
	i(pP)		14	34
2	iP	03	25	02
	ipP		25	15
2	iP	05	43	19
	ipP		43	29
4	iP	10	46	14
	i(pP)		46	48
4	iP	16	52	48
4	eP	20	29	28
5	iP	07	00	00
5	iP	11	59	42
5	iP	15	07	44

International Seismological Centre

L S Prior per

(L.S. PRIOR)

A/CHIEF GEOPHYSICIST.

7/12/62

COMMONWEALTH OF AUSTRALIA

DEPARTMENT OF NATIONAL DEVELOPMENT

4/3

Reference
4V/1/2

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International Seismological Centre

PROVISIONAL READINGS AT THE SEISMOLOGICAL OBSERVATORY :

TOOLANGI
DECEMBER 1962

5	e	Z	23 49 14	
5	no record	from	00 07 00	
		to	03 00 00	
6	e	Z	04 15 46	
	e	Z	16 06	
6	i	N Z	06 52 43	
6	i	N Z	06 57 15	
6	e(P)	NEZ	18 02 21	
7	e(P)	NEZ	02 11 32	
7	e	EZ	06 27 09	
7	iP	NEZ	14 13 46½	Mil.
	i	N Z	14 08	
	i(PcP)	Z	14 14½	
	e	NEZ	15 18	
	i	Z	15 23	
	i	NEZ	15 59	
	iS	NEZ	22 05	
	i(ScS)	E	23 06	
	i	NE	24 47½	
	e	E	28 53	
	e	E	32.0	
8	iP	NEZ	00 04 27½	
8	iP	EZ	13 55 31½	
8	iP	NEZ	18 26 22	
	i(pP)	EZ	26 36	
	i	NE	26 41	
	i	Z	26 52	
	i	Z	27 27½	
	e	Z	28 32½	
	e	N	36 25	
	e	N	36 54	
	eL	EZ	39.0	
8	i(P)	Z	21 43 14	
	i	N Z	45 42	
	i	N Z	45 51	
	i	Z	47 35	
	e	Z	47 42	
	e	E	52 22	
	e	Z	54 22	
	e	E	22 00 34	
8	iP	NEZ	21 55 47.3	Mil.
	i	N Z	56 14½	
	e	Z	58 15	
	i	Z	59 04	
8	iP	N Z	23 08 16½	Mil.
	e	Z	08 37	
9	e(P)	EZ	14 22 44½	
9	e	EZ	14 56 28	

TOOLANGI (cont'd)
DECEMBER 1962

9	iP	NEZ	17 44 14½	Mil.
	e	EZ	44 53	
	i	NEZ	45 34	
	i	N	47 05	
	e	E	51 13	
	i	N E	51 46	
	e	E	52 38½	
9	eP	NEZ	21 01 52½	
	e	N E	02 02	
	e	E	02 03½	
9	i(P)	N E	21 21 42	
10	eP	EZ	00 58 16½	Local
	i	NEZ	58 33	
10	eP	Z	01 29 16½	
10	eP	NEZ	05 06 07	Local
	i	NEZ	06 12½	
10	eP(KP)	NEZ	05 07 17½	
	e	N	07 29	
10	eP?	NEZ	05 28 56	
10	eP	NEZ	05 58 35½	Local
	i	NEZ	58 52½	
10	eP	NEZ	06 18 15½	
10	eP	Z	06 56 09	
10	iP	NEZ	10 34 55½	
	e	NE	35 05½	
10	iP	EZ	17 02 35.5	
	e	N Z	02 45½	
	e	N Z	03 05	
	i	N	03 23	
	e	N Z	05 15½	
10	eP	EZ	21 55 53	
10	eP?	Z	23 12 36½	
11	eP	EZ	02 38 30½	
	e	E	38 37½	
11	iP	NEZ	14 00 47.8	
11	eP	NEZ	17 58 31	
11	eP	NEZ	23 41 07	
12	eP	NEZ	10 15 20	
	i	N Z	15 23	
	e	N Z	15 25	
	i	N	15 29½	
	e	E	15 43	
	e	NEZ	15 52	
	e	E	15 54½	
	i(PcP)	EZ	17 24½	
	i	Z	18 17	
	i	Z	18 25	
	i	N	18 30	
	e(S)	NE	20 41	
	i(PcS)	NE	21 14	

COMMONWEALTH OF AUSTRALIA

DEPARTMENT OF NATIONAL DEVELOPMENT

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PROVISIONAL READINGS AT THE SEISMOLOGICAL OBSERVATORY :

TOOLANGI
DECEMBER 1962

5	e	Z	23 49 14	
5	no record from		00 07 00	
	to		03 00 00	
6	e	Z	04 15 46	
	e	Z	16 06	
6	i	N Z	06 52 43	
6	i	N Z	06 57 15	
6	e(P)	NEZ	18 02 21	
7	e(P)	NEZ	02 11 32	
7	e	EZ	06 27 09	
7	iP	NEZ	14 13 46½	dil.
	i	N Z	14 08	
	i(PcP)	Z	14 14½	
	e	NEZ	15 18	
	i	Z	15 23	
	i	NEZ	15 59	
	iS	NEZ	22 05	
	i(ScS)	E	23 06	
	i	NE	24 47½	
	e	E	28 53	
	e	E	32.0	
8	iP	NEZ	00 04 27½	
8	iP	EZ	13 55 31½	
8	iP	NEZ	18 26 22	
	i(pP)	EZ	26 36	
	i	NE	26 41	
	i	Z	26 52	
	i	Z	27 27½	
	e	Z	28 32½	
	e	N	36 25	
	e	N	36 54	
	eL	EZ	39.0	
8	i(P)	Z	21 43 14	
	i	N Z	45 42	
	i	N Z	45 51	
	i	Z	47 35	
	e	Z	47 42	
	e	E	52 22	
	e	Z	54 22	
	e	E	22 00 34	
8	iP	NEZ	21 55 47.3	dil.
	i	N Z	56 14½	
	e	Z	58 15	
	i	Z	59 04	
8	iP	N Z	23 08 16½	dil.
	e	Z	08 37	
9	e(P)	EZ	14 22 44½	
9	e	EZ	14 56 28	

TOOLANGI (cont'd)
DECEMBER 1962

9	iP	NEZ	17 44 14½	dil.N.
	e	EZ	44 53	
	i	NEZ	45 34	
	i	N	47 05	
	e	E	51 13	
	i	N Z	51 46	
	e	Z	52 38½	
9	eP	NEZ	21 01 52½	
	e	N Z	02 02	
	e	E	02 03½	
9	i(P)	N Z	21 21 42	
10	eP	EZ	00 58 16½	Local
	i	NEZ	58 33	
10	eP	Z	01 29 16½	
10	eP	NEZ	05 06 07	Local
	i	NEZ	06 12½	
10	eP(KP)	NEZ	05 07 17½	
	e	N	07 29	
10	eP?	NEZ	05 28 56	
10	eP	NEZ	05 58 35½	Local
	i	NEZ	58 52½	
10	eP	NEZ	06 18 15½	
10	eP	Z	06 56 09	
10	iP	NEZ	10 34 55½	
	e	NE	35 05½	
10	iP	EZ	17 02 35.5	
	e	N Z	02 45½	
	e	N Z	03 05	
	i	N	03 23	
	e	N Z	05 15½	
10	eP	EZ	21 55 53	
10	eP?	Z	23 12 36½	
11	eP	EZ	02 38 30½	
	e	E	38 37½	
11	iP	NEZ	14 00 47.8	
11	eP	NEZ	17 58 31	
11	eP	NEZ	23 41 07	
12	eP	NEZ	10 15 20	
	i	N Z	15 23	
	e	N Z	15 25	
	i	N	15 29½	
	e	E	15 43	
	e	NEZ	15 52	
	e	E	15 56½	
	i(PcP)	EZ	17 24½	
	i	Z	18 17	
	i	Z	18 25	
	i	N	18 30	
	e(S)	NE	20 41	
	i(PcS)	NE	21 14	

TOOLANGI (cont'd)
DECEMBER 1962

12	i	NE	23 45	
cont'd	e	N	24 11	
12	iP	Z	14 08 51½	

WILKES
DECEMBER 1962

7	eP	14 16 27	
	iSKS	27 10	
8	e(P)	12 13 11	
	e(pP)	13 24	
8	iP	18 13 32	dil.
	ipP	13 56.5	
8	iP	18 29 42	compr.W.
	iS	38 51	
8	i(P)	21 03 03	
	i(pP)	03 16	
8	iP	21 39 10	dil.
8	i	23 14 12	
10	e?	05 04 59	
10	i(P)	05 05 05	
	i(S)	11 55	
11	iP	03 38 26	compr.S.W.
12	iP	10 19 42	compr.
	eS	12 34	
12	iP	23 07 44	

MAWSON
DECEMBER 1962

6	e	06 54 40
6	eP	11 51 50
6	iP	13 21 52
6	eP	14 40 43
	epP	40 54
6	iP	16 53 04
6	i(P)	18 22 55
6	iP	19 59 54
6	iP	22 48 07
6	iP	23 25 08

MAWSON (cont'd)
DECEMBER 1962

7	e(P)	14 17 30
	i(PP)	21 24
	i(PPP)	22 12
	e(S)	29 10
7	eP	18 34 12
8	iP	18 12 53
	i(pP)	13 18
8	iP	18 31 18
8	iP	21 38 23
	i	38 27
	i(pP)	38 30
	i	40 27
	i	47 32
	i	51 14
8	iP	23 14 40
9	iP	14 39 33
10	iP	05 53 46
10	eP	09 14 06
	i(pP)	14 14
10	iP	11 50 24
10	iP	17 07 42
	i(pP)	07 57
10	iP	23 15 15
	i(pP)	15 25
10	iP	23 43 23
11	iP	06 22 38
11	iP	11 22 23
11	iP	13 01 48
12	i(P)	10 08 16
12	iP	10 21 18
	i	21 43
	eS	31 44
	e(sS)	32 21
12	iP	14 03 35
	i(pP)	03 45
	e	04 10
12	iP	23 08 11
	i(pP)	08 24
	i	08 28

International Seismological Centre

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14/12/62

4/3.

COMMONWEALTH OF AUSTRALIA

DEPARTMENT OF NATIONAL DEVELOPMENT

Reference -
4V/1/2

Bureau of Mineral Resources,
Geology and Geophysics,
203 Collins Street,
MELBOURNE. C.1. VICTORIA.

International Seismological Centre

PROVISIONAL READINGS AT THE SEISMOLOGICAL OBSERVATORY :

TOOLANGI
DECEMBER 1962

12	iP	NEZ	23 06 46.3	compr.S.E.
	i	Z	07 00	
	e	NEZ	07 09½	
13	e(P)	Z	00 35 50	
13	e(P)	Z	16 53 56	
	i	Z	54 02½	
13	iP	NEZ	23 30 48	compr. S.
14	i(P)	NEZ	05 30 07.0	
	i(S)	EZ	30 22.2	
	i	Z	30 22.8	
14	e?	NEZ	06 51 17	
14	e(P)	EZ	20 18 14	
15	iP	NEZ	02 44 25	
	e	EZ	44 53	
15	e(P)	N Z	14 29 09	
	e	N	29 17	
15	e(P)	EZ	15 34 35½	
15	iP	NEZ	21 41 58.2	
	i	Z	41 58.9	
	iS	NEZ	42 15.8	
15	iP	NEZ	22 00 21.9	
	iS	N	00 39.0	
	i	EZ	00 39.4	
17	e(P)	Z	02 23 00	
	e	NEZ	23 07	
17	i	EZ	03 11 06½	
17	e(P)	Z	06 45 05	
17	iP	NEZ	11 07 53.5	dil.N.(W)
	ipP	Z	09 12½	
	iPcP	Z	09 28½	
	iPP	NEZ	09 44½	
	i(PPP)	N Z	10 47½	
	iScP	Z	12 41	
	iS	N	14 00	
	i	E	14 02	
	i	N	14 08	
	iScS	N	17 05	
	i(SS)	N	17 24½	
17	eP	NEZ	12 37 35½	
	e	NEZ	37 56½	
17	e	Z	17 38 12	
17	i(P)	NEZ	22 09 42½	
	i	Z	11 59½	
18	iP	NEZ	03 04 16.7	compr.S.W.
	i	Z	05 03	
	e	N Z	05 49	
	i	E	06 08	

TOOLANGI (cont'd)
DECEMBER 1962

18	iP	NEZ	05 53 44.0
	iS	NEZ	54 00.0
18	e(P)	EZ	07 24 09
18	iP	NEZ	10 40 04½
	i	Z	40 42
	i	Z	41 26½
	i	EZ	42 49½
18	i	NEZ	11 35 54
18	i(P)	NEZ	12 45 07
18	i(P)	Z	21 03 22½
19	e(P)	NEZ	11 07 54
	i	Z	08 09
19	eP	NEZ	13 02 52
	i	Z	03 27½
	e	N	04 06½
	i	E	04 11
	e	E	11 51
19	iP	NEZ	20 21 55

WILKES
DECEMBER 1962

13	eP?		04 41 01 dil.
17	i(P)		11 10 40
	i(S)		19 09
18	iP		07 23 17
	eiS		27 03
18	e?		22 07 49
19	eP		13 07 06
	eS		16 06

MAWSON
DECEMBER 1962

13	eP		06 29 12
13	eP		07 10 29
	i		10 38
13	eP		08 26 03
13	eP		08 34 43
13	eP		09 48 36
13	eP		15 10 23
	i		10 33
14	e(P)		04 36 0?
14	eP		06 21 29
14	eP		07 16 12
14	eP		08 14 08

MAWSON (cont'd)
DECEMBER 1962

14	eP	09	06	17
	i		06	22
14	eP	21	09	36

International Seismological Centre

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21/12/62.

COMMONWEALTH OF AUSTRALIA

DEPARTMENT OF NATIONAL DEVELOPMENT

Reference -
4V/1/2

Bureau of Mineral Resources,
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203 Collins Street,
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International Seismological Centre

PROVISIONAL READINGS AT THE SEISMOLOGICAL OBSERVATORY :

N.B. Where Toolangi readings are given with a decimal figure, they have been read to the nearest 1/10th of a second; other readings have been made to the nearest 1/2 second.

TOOLANGI
DECEMBER 1962

20	iP	NEZ	02 07 19.1	dil. N.W.
	i	NEZ	07 59	
	i	NEZ	08 40	
	e	Z	10 36	
	i	Z	13 19	
	i	Z	14 21½	
	i	N	14 28½	
	e	EZ	14 38	
	e	N	14 41	
	i	N	19 41½	
20	iP	N Z	08 40 03.8	dil. E.
	i	Z	40 21	
	i	Z	40 32	
	i	N	40 55	
20	iP	NEZ	08 53 10.1	compr.W.
	i	N	53 12½	
	i	E	53 13½	
	i	Z	53 37	
	i	N	54 45	
	e	Z	55 42	
	i(S)	N	57 43	
	i	E	57 44	
20	iP	NEZ	21 03 20½	
21	iP	NEZ	00 52 00	dil.
	i	Z	52 45	
	i	Z	53 06	
	i	E	54 11	
	i	N	54 12	
	i	Z	57 47	
	i(S)	NE	58 12	
	e	E	01 00 29	
	i	Z	00 49	
	i	N	01 11	
	i	N	02 21	
	e	N	02 58	
	e	N Z	06 01	
21	iP	NEZ	03 38 20	
21	i ?	NEZ	04 15 03	
21	iP	EZ	06 53 09½	
21	e	EZ	08 49 [illegible]	
	e	Z	56 27	
	e	Z	09 14 35	
	e	E	26 05	
	i	Z	26 10½	
	e	E	26 18	
	e	Z	26 35	
	eL	NE	28 ..	

TOOLANGI (continued)
DECEMBER 1962

21	iP	N Z	09 45 19.9	dil.N.
	i	Z	45 39½	
	i	Z	45 54	
	i	N	46 18	
	i	Z	46 32½	
	e	Z	47 32	
	e	Z	48 34	
21	i	NEZ	17 42 28½	
21	iP	N Z	18 30 27.7	compr.
	i	Z	30 42	
	i	NE	30 52	
	i	Z	31 11½	
	i	Z	31 31	
	e	N	35 10	
23	iP	NEZ	23 51 26.7	dil.N.E.
24	i(P)	NEZ	00 36 19	
25	e	Z	11 25 32	
25	e(P)	NEZ	12 22 16	
26	iP	NEZ	10 51 48.1	
	iS	N	52 01.9	
	i	Z	52 02.7	
	i	E	52 04.4	
26	eP	NEZ	22 38 33	
	i(PcP)	Z	38 44½	
	e	Z	42 03	
	i(SKS)	NE	49 39	
	e(S)	E	49 53	
	eL	E	23 05½ ..	
	eL	N Z	13 ..	
26	e(P)	EZ	23 38 54	
26	e(P)	Z	23 59 28	
27	e(P)	NEZ	04 21 42	
27	i	EZ	04 45 36½	
27	iP	NEZ	05 48 14.2	
	iS	NEZ	48 30.4	
27	e ?	Z	08 34 18	
27	iP	NEZ	14 08 31½	
	e	Z	08 51	
	i	Z	11 18	

P.T.O.

27	iP	NEZ	18	30	31½
	i	Z		30	45
28	e	EZ	07	55	30
29	eiP	NEZ	04	20	09
	i	Z		20	26
	i	N		20	32½
	i	N Z		21	51½
	i	E		22	24½
	i	N		22	59½
	i(ScP)	Z		25	44½
29	iP	NEZ	14	53	55
	i	Z		54	08
	i	Z		54	21½
	e	NEZ		55	18
	i	Z		56	06
	iPcP	Z		56	54½
	eS	NE		59	11
	iScP	Z	15	00	38½
	e(SS)	N		01	37
29	eP	NEZ	15	26	57
29	eP	N Z	18	20	12
	e	NEZ		20	15
	e	NEZ		20	29
	e	NEZ		21	08½
29	iP	NEZ	18	25	55½
	e	Z		26	08½
	i	NEZ		29	34½
29	iP	NEZ	19	46	49
30	eP	Z	03	49	06½
30	eP	EZ	13	29	51
	e	Z		29	59
30	eP	NEZ	15	56	53
30	eP	NEZ	17	24	22
30	eP	EZ	17	52	45½
	e	EZ		53	03½
	e	Z		53	13½
30	eP	Z	18	22	50½
	i	N Z		22	55½
	e	N Z		23	19
	e	NE		23	30½
	e	EZ		26	17
	i	N		26	36
	i	EZ		27	28
	e(S)	E		28	09
	e	N		28	43
	e(SS)	N		30	35
30	e(P)	Z	21	25	07
31	iP	NEZ	02	55	43½
	i	EZ		55	58
	e	Z		56	06
	e	Z		57	06
	i	Z		58	03

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31	i	NEZ	04	29	52½
31	e(P)	NEZ	11	10	42
	i	NEZ		10	47½
	i	Z		11	22
	e	Z		12	20
	i	N		13	49½
31	iP	Z	19	45	48 dil.
	i	Z		46	21
	i	Z		46	30
	eL	NEZ		53½	..
31	e	Z	23	44	26

MAWSON
DECEMBER 1962

17	iP	11	11	48
	i		12	00
	i(PP)		13	24
	iS		21	22
17	iP	19	25	03
17	i	20	14	28
18	iP	10	45	12
18	iP	12	46	54
19	iP	11	12	59
19	iP	13	08	50
19	iP	20	16	59
	i		17	36
19	iP	22	20	14
20	iP	07	42	43
20	iP	08	45	01
	i		45	13
20	iP	08	56	07
20	i(P)	08	58	29
20	eP	17	43	37
20	iP	18	22	24
	i(PP)		28	14
	iS		29	40
21	iP	00	55	04
21	e	01	23	34
21	eP	05	20	46
21	i(P)	06	47	39
21	iP	09	02	38
21	iP	09	20	31
	i		20	39

P.T.O.

MAWSON (continued)
DECEMBER 1962

21	i(P)	09 29 50
21	iP	09 52 11
	i	54 42
23	iP	02 15 02
23	iP	03 03 30
23	iP	04 44 04
25	iP	03 49 21
25	iP	04 47 09
25	iP	06 04 17
25	i	17 17 06
26	iP	04 01 52
26	iP	05 03 14
26	iP	22 44 46
	i	45 46
27	iP	00 05 45
27	iP	05 05 19
27	iP	14 14 22
28	i(P)	06 23 43
28	iP	21 50 14
29	iP	04 24 16
29	iP	07 33 54
29	iP	10 53 40
	e(S)	11 04 09
29	iP	14 58 58
	i	59 14
30	iP	18 28 48
31	iP	06 14 11
31	i(P)	06 17 23
	i	17 36
31	iP	07 12 19
31	iP	07 49 28
31	iP	08 01 41
31	iP	12 07 54

WILKES
DECEMBER 1962

20	iP	08 53 32
	i	56 41
20	iP	18 25 50
	iS	29 58
21	iP	00 53 59
	ipP	54 12
	iS	01 01 47
21	e	09 02 08
	e	02 43
21	iP	09 55 26 dil.
	ipP	56 21
21	i(P)	18 32 59
	i(pP)	33 08
21	e	21 42 53
22	iP	01 02 14 dil.
	i	02 16
	iS	10 11
22	iP	02 09 30
	eS	17 19
22	e	10 53 36
22	eP (diffr.)	15 40 09
	i(PKP)	42 29
	i(PKP)	43 07
	i(SKS)	49 09
26	e	22 47 26
29	iP	10 54 19
	eSKS	11 04 49
	eS	05 22
29	iP	14 57 05
	iS	15 04 36
30	iP	18 27 11
	iS	36 01

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4.1.1963

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