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COMMONWEALTH OF AUSTRALIA

0716

Department of National
Development.Bureau of Mineral Resources,
Geology and Geophysics.

PACIFIC NORTHERN GEOPHYSICAL OBSERVATORY

Provisional Earthquake Phases

No. 09/60

Feb. 25	eP	Z	05	47	(25)	
	eP	Z	06	51	02	
	e(L)	Z		52	18	
	e	Z		52	25	
	eP	Z	20	57	57	
	LP	Z	23	35	03	
Feb. 26	LP	Z	01	11	04	
	e	E		11	34	
	eS	B		14	27	
	e	E		14	32	
X /	LP	Z	02	11	31	
	eS	R		13	47	
X /	LP	Z	06	40	07	
	e(S)	E		45	28	
	e	B		45	47	
	e	B		49	37	
X /	eP	Z	23	40	(18)	
	eS	T		50	16	
Feb. 27	eP	Z	06	21	(09)	
X /	eS	E		29	55	
X /	eP	S	09	03	17	
	eS	E		09	08	
	eL	B		12	06	
	LP	Z	09	13	41	
	eP	Z	14	00	05	
	eP	Z	14	25	31	
	eS	SW		27	15	
	eS	SE		27	16	
	I	Z		27	21	
	LP	Z	18	23	53	
	eS	SW		25	49	
Feb. 28	LP	Z	22	16	30	
	eS	SW		17	02	
X /	LP	Z	23	07	33	Double shock - felt at Aitape and Iami.
	I	Z	07	50		
	e	SE	07	51		
	eS	SW	09	08		
	e	SW	09	21		
	eP	Z	23	54	24	Probable aftershock.
Feb. 29	I	Z	02	31	38	Confused by large microseism.
Mar. 1	eP	Z	02	51	26	
	e(S)	E		52	04	
	e	Z		52	05	Heavy microseismic activity.
Mar. 2	SIL - record masked by microseisms.					

(C.A. van der Heul)
Observer-in-Charge.

COMMONWEALTH OF AUSTRALIA

~~Department of National Development.~~~~Bureau of Mineral Resources,
Geology and Geophysics.~~

PORT MORESBY GEOPHYSICAL OBSERVATORY

(716)

Provisional Earthquake Phases

No. 10/60

Mar. 3 Record confused by microseisms.

eP	SWL	02	30	05
eS	SW	31	34	
e(S)	SWZ	10	26	13
X ✓	eP	2	14	16
			49	
Mar. 4	eP	SW	02	26
X ✓	e	2	26	43
X ✓	1P	S Z	04	01
	eS	NN	07	16
	e(S)	NN	10	38

e SW 17 15 39
Record confused by microseisms.

Mar. 5 1P S 2 07 48 52

X ✓	eP	Z	13	54	01
	eS	SW	58	03	
	1P	WZ	15	08	27
	e(S)	W	09	49	41

e(P) Z 15 54 47

Mar. 6 1P Z 02 26 56

X ✓	eS	NN	30	50	
-----	----	----	----	----	--

Mar. 7 1P Z 05 18 31

X ✓	eS	Z	05	18	31
	1P	Z	09	41	23
	e(L)	NN	44	16	

Mar. 8 eP Z 12 01 19

eS	NN	09	41	
e(L)	E	16	41	

1P	SWZ	5	38	19
1pP	SW	39	02	
eS	SW	42	07	

Depth about 200 Km.

Mar. 9 1P SWZ 01 06 44

1S	NN	07	27	
----	----	----	----	--

eP	Z	01	49	07
i	S Z	49	28	
e(S)	NN	51	24	

eP	DWZ	19	46	16
e(P)	SWZ	48	02	
e	E	48	25	

Double shock?

(C.A. van der Waal)
Observer-in-Charge.

COMMONWEALTH OF AUSTRALIA

Department of National
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Geology and Geophysics.

PORT MORESBY GEOPHYSICAL OBSERVATORY

Provisional Earthquake Phenom.

No. 11/60

Mar. 10	eP eS	S	2	00	13	35
	eP eS	NN	S	00	49	39
	eP eS	NN	N		57	10
	eP eS	NN	E	02	34	05
	1P 1S	NN	WZ	09	48	20
	eP eS	NN			51	04
	X ✓	eP eS	NN	13	51	54
	X ✓	1P e(S)	NN	SWZ	14	42
	X ✓	1P e(S)	NN		50	16
					03	
Mar. 11	1P e(S)	S	Z	16	29	14
					34	09
Mar. 12	1P 1S	NNNN	NN	02	16	46
		NNNN	NN		18	00
	X ✓	1P 1S	NNNN	SWZ	20	32
			NN		34	17
			NN		34	53
Mar. 13	eP eS	E	Z	04	07	45
					10	48
Mar. 14	1P 1S	S	Z	11	30	03
		S	Z		31	09
	1S	E	S		31	26
	1S	RS	S		31	29
Mar. 15	X ✓	1P	S Z	09	3 2	00
		eP	Z	10	16	29
Mar. 16	X ✓	eP eS	NN	Z	17	46
			NN		52	50
			NN		35	

(C.A. van der Saal)
Observer-in-Charge.

PORT MCKEY GEOPHYSICAL OBSERVATORY

Provisional Earthquake Phases.

No. 12/60

Mar. 17 NIL RECORDED.

Mar. 18

eP			10	39	13
eS		E		42	34
1P		Z	12	18	41
eS		NS		20	03
eS		E-W		20	04

Mar. 19

eP		Z	09	26	04
e		N		30	49
1P		NNZ	19	18	18
1		SWZ		18	21
eS		ENNW		20	11
1		NS		20	15

Mar. 20

eP		N	Z	17	16
1S		NN		23	20

Mar. 21

eP		Z	00	43	43
eS		NN		50	41
e(SeS)		E		53	30
e(P)		Z	01	57	26
e		NN	02	02	44
		N		13.1	
		N		13.4	

X	✓	eP	Z	09	27	15
X	✓	eS	NN		34	13
X	✓	eP	Z	11	47	50
X	✓	eS	E		54	(11)
		1P	NNNW	16	39	55
		1S	SW		41	17
		1S	NN		41	24
		1S	Z		41	25

Mar. 22

X	✓	1P	Z	02	40	32
		eS	NN		48	04

eP		SWZ	09	38	57
eS		SWZ		40	26

X	✓	1P	Z	13	57	49
eS		N		14	05	17

Mar. 23

X	✓	eP	N	Z	00	32
		eS	SWZ		39	17

X	✓	1P	Z	01	35	20
1S		SW		36	31	

1P		S Z	01	43	31
e		SWZ		44	09

X	✓	eP	Z	22	39	(23)
1S		NN		38	21	

X	✓	1P	SWZ	23	16	57
e		Z		20	40	

In coda of preceding
quake.(C.A. Van der Waal)
Observer-in-Charge.

COMMISSIONER OF AUSTRALIA

Department of National
Development.

Bureau of Mineral Resources,
Geological Survey Service.

1997 年 1 月 1 日起，凡在中國大陸地區發售之光碟，必須標示「中國製」或「中國總代理」。

Favorable Partnership Index

No. 13/60

COMMONWEALTH OF AUSTRALIA

Department of National Development.

Bureau of Mineral Resources, Geology and Hydrology.

PORT MELBOURNE GEOPHYSICAL OBSERVATORY

Provisional Earthquake Phases.

No. 14/60

Mar. 31	eP	2	03	31	07
	45	SW	32	13	

Apr. 1 NIL.

Apr. 2	eP	2	00	58	23
	15	NESEW	59	06	
	1P	SEZ	14	16	20
	1S	ENESE	17	17	12
	1P	2	16	09	32
	1S	SW	10	10	05

Apr. 3	1P	NSWZ	05	53	09
	1S	EW	53	49	

Apr. 4	eP	2	07	59	19
	15	NE	08	02	23
	eP	2	10	22	14
	45	EW	23	43	35
	1P	2	12	47	02
	1	ERS	43	43	10
	1S	SW	48	48	15

Apr. 5 NIL.

Apr. 6 NIL.

(C.A. van der Waal)
Observer-in-Charge.

COMMONWEALTH OF AUSTRALIA

Department of National
Development.BUREAU OF MINERAL RESOURCES,
GEOLGY AND GEOPHYSICS.

PORT MELBOURNE GEOGRAPHICAL OBSERVATORY

Provisional - third lie Phase.

No. 15/60

Apr. 7	eP eS eL	E SW 2 E NW 2 E N 2	Z	03 26 00	13 56 00	53 01 02	41 36 49		Apr. 18	eP eS eL	E	Z	08 03 00	13 19 09	(5 1 4)
Apr. 8	eP eS eL	E E SW 2 E S 2	Z	20 06 37	08 36 37	12.5 36 37	30 37 15			eP eS eL	E	Z	09 09 13	05 09 05	(4 1 12.1 12.3)
Apr. 9		NIL.													
Apr. 10	eP	E NE 2	Z	04	54	25			Apr. 19	eP		Z	09	29	56
Apr. 11	eP eS eL	E E N 2 E N	Z	16	05 09 09	14 14 40				eP eS	E	Z	22	48 52	(58 41)
							11.0		Apr. 20	1P	S Z	Z	21	39	06
Apr. 12		NIL.													
Apr. 13		NIL.													
Apr. 14	eP eS eL	S E 2 E S 2 E	S	07	23	05									
Apr. 15	eP eS 1P e 1P e eS 1P eS	E E E E S S E E E SW 2 E SW 2	Z	04 04 11 5 18 5 Z Z 22 SW	17 20 47 56 42 42 56 43 09 13	47 40 49 32 32 43 32 34 31 09									
Apr. 16		NIL.													
Apr. 17	eP eS eP e(S) e	S S S E E	Z	04 41 15 53 53	39 41 47 53 53	41 12 34 04 17									

{C.A van der Waal)
Observer-in-Charge.

DEPARTMENT OF GEOGRAPHICAL SURVEY AND

Provisional Earthquake Report

No. 16/59

Apr. 21

N.L.

Apr. 22

eP

e(S)

eL

eR

E

E

E

E

S

20

33

34

36.1

45.8

32

44

Apr. 23

1P

02

ESE

E

13

00

31

02

03

03

04

Apr. 24

1P

100

100

1

0

ESE

E

E

E

03

26

23

30

33

33

34

01

04

04

33

Apr. 25

N.L.

Apr. 26

1P

1PP

05

0L

E

E

E

E

13

12

11

12

15

46

35

Apr. 27

No E, N or Z record after 0717

1P

02

05

02

02

S

S

S

S

16

57

50

59

59

03

03

04

04

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06

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RECORDS OF AN EARTHQUAKE

Department of National Development

Bureau of Mineral Resources
Geology and Geophysics

PORT MELVILLE, GULF OF ALASKA

Institutional Earthquake Bureau

No. 13/60

May 5	sP	Z	02	42	29
	X ✓	ZSV	12	36	24
	sP	ZS	23	63	(97)
	s	ZS	23	65	63
	sP	Z	23	43	34
	s(s)	V	23	24	24
	sP	Z	23	47	(68)
			Confused by preceding		
May 6			N.E.L.		
May 7	1P	ZSV	43	36	36
	1S	ZSV	37	37	35
May 8			N.E.L.		
May 9	1P	ZSV	69	66	36
	1S	ZS	69	65	66
May 10	1P	ZS	14	~	10
	1S	ZSV	~	36	10
	1P	ZS	19	27	11
	1S	ZSV	27	27	10
May 11	1P	ZSV	18	40	19
	s(s)	NSP	✓	43	(29)

John Brooks
Observer-in-ChargeInternational
Seismological
Centre

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CLIPPING OF AUSTRALIA

Reproduction of Figure 3 from

Journal of Mental Diseases

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No. 3840

May 3	88	8	88	42	29
X	✓	18	250	36	21
88	8	28	23	63	(57)
88	8	28	23	63	63
88	8(8)	28	23	23	34
8	8	28	23	23	24
		2	23	41	(62)
Confined by groundhog					

May 6 1988

May 7 17
10 22
22 22
22 22

May 8

May 9 17 200 69 01 16
94 61 09

May 10 12
14 23
25 26
28 29
30 31

17 20 19 27 24
18 21 22 28 25

May 12 X ✓ 1P (a) ✓ 10 49 (a)

**John Brinkley
(Brinkley-in-Gov)**

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D/1/3

COMMONWEALTH OF AUSTRALIA.

716

Dept. National Development.

Bureau of Mineral Resource
Geology and Geophysics.

PORT MORESBY GEOPHYSICAL OBSERVATORY.

Provisional Earthquake Phase.

No. 19/60

May 12	eP		Z	19	16	15	
X	e(SKS)	N	Z	22	55	(19)	
	e(SKS)			55	23		
	e(SKS)			55	26		
	e	E		55	38		
	e	E		56	09		
	e	E		57	17		
May 13	iP		S W	Z	03	01	48
	iS		S W		02		10
X	iP			Z	16	19	07
	i(PcP)			Z	19	18	
	i(pP)			Z	19	22	
	iS	E N			28		54
	eP			Z	18	55	43
	eP			Z	20	54	(05)
	eS	E			55	52	
	e	N			21	00	03
	e(P)			Z	23	51	35
May 14	eP			Z	17	40	38
X	eP			Z	22	30	21
May 15	iP	E		Z	00	03	52
	iS	E		Z	01	04	12
	eP			Z	03	00	08
	i			Z	00	00	12
	e				01	04	
X	e(P)			Z	13	31	12
	iP			Z	16	01	19
	iS	E			01	01	29
May 16 & 17	Nil						
May 18	eP			Z	06	42	(51)
X	e			Z	43	50	
	e(PcS)	N			43	44	
	eS	E N			Confused by microseisms	(04)	

J.A. BROOKS
(Observer-in-Charge)

e(P) Z 18 15 (01)
Confused by microseisms.