

COMMONWEALTH OF AUSTRALIA
DEPARTMENT OF NATIONAL DEVELOPMENT
BUREAU OF MINERAL RESOURCES, GEOLOGY AND GEOPHYSICS
485 Bourke Street,
MELBOURNE. VIC.



SEISMOLOGICAL BULLETIN

HEARD ISLAND 1953

Latitude: 53° 01' S. Longitude: 73° 23' E.
Instrument: Two component (NS& EW) Wood Anderson
Instrumental Height above M.S.L.: 10 m.
Foundation: Solid Basalt Rock
Period: 0.75 secs
Damping Ratio: 20 to 1
Static Magnification: 2800
Rate of Recording: 30 m.m. per minute

Date	Phase	Time (G.M.T.) h m s	Max. m.m. Trace Amplitude N. E.	Period Secs.	Origin Time	Delta Degrees	Depth Remarks Etc.
March 18	(eL)NE	20 00	0.2 0.2	17			USCGS H. 19 06 11 40°N 27½°E.
April 18	(eS)NE	03 20	0.6 0.4	9			No USCGS Report
April 23	ePNE	16 36 50	0.4 0.4		16 24 34	80.6	USCGS H. 16 24 17 4°S 15½°E
	eSNE	16 46 57	0.7 0.4	5			
	eLqN	16 59 42	0.6 0.2	32			
	MNE	17 07.3	1.0 1.1	20			
May 6	(eP)NE	17 29 13					
	(eS)	17 39 33	1.0 1.0	5	17 16 44	83.2	USCGS H. 17 16 48 36½°S 73°W
	M	18 05.5	0.4	21			
June 25	(eP)NE	10 55 23	0.2	(0.6)	10 45 11	60.2	USCGS H. 10 45 57 8½°S. 123½°E.
	(eS)E	11 03 36		6			
	MNE	11 19.8	0.3 0.3	20			
July 2	iP	07 08 43	0.6 0.6	(1)	06 57 05	77.8	Depth 200 Km USCGS H. 06 56 51 18½°S 169°E.
	ipP	09 30	0.7				
	eSE	18 18		1.2			
Sept. 14	(eS)NE	10 27	0.5 0.5				No USCGS Record
	(eS)NE	11 24	1.3 1.0				USCGS H. 11 21 06 52½°S 26°E.
Sept. 29	iP	01 47 24					300 Km USCGS H. 01 36 45 36½°S 177°E
	epP	01 48 26					

* Initial Amplitudes.

Date	Phase	Time (G.M.T.) h m s	Max. m.m. Trace Amplitude N. E.	Period Secs	Origin Time	Delta Degrees	Depth Remarks Ftc.
Nov. 4	(eP)NE LNE	03 01 39 04 38	0.5 0.9	15			USCGS H 03 49 04 12½°S 166½°E
Nov. 25	LNE	(18 00)	.	20			USCGS H 17 48 49 34°N 141°E.
Dec. 12	LNE	18 40	0.4 0.5	19			USCGS H 17 31 22 3½°S 81°W

P. B. Nye
(P. B. NYE) *new*
Director