

COMMONWEALTH OF AUSTRALIA.
DEPARTMENT OF NATIONAL DEVELOPMENT
BUREAU OF MINERAL RESOURCES, GEOLOGY AND GEOPHYSICS

485 Bourke Street,
MELBOURNE. VIC.



SEISMOLOGICAL BULLETIN

HEARD ISLAND

Latitude: 53°01.'2S., Longitude: 73°23.'1E., Height 10 m

Foundation: Solid lava rock

Instruments: Wood-Anderson type seismograph, two components

Period: 9.0 seconds

Damping co-efficient: 0.9

Magnification: 400

Date	Phase	Time (G.M.T.)	Trace Ampli- tude N. E.	Per- iod	Origin Time (G.M.T.)	△ (de- grees)	Region
1954 Feb. 20	iP E	18 44 36	2	3	18 35 05	62.3	Flores Sea
	ipP E	18 46 21	1.5	3			
	iS NE	18 52 16	2.5 2.5	6			
March 3	iP E	06 14 39	2	4	06 02 55	72.6	Central New Guinea
	iS E	06 24 00	2	5.5			
	iScS E	06 24 25					
	iL E	06 32 40	10	13			
March 31	i(P) E	18 36 51	1.5	4	18 25 48	66.9	Arabian Sea
	S E	18 45 39	2	6			
	eL E	18 53 32	4	12			
Oct. 3	iS E	03 10 05	1.0	3	02 47 19	84	Santa Crus Island
	eL E	03 27 47	1.5	12			
Oct. 20	iP E	00 13 28	5	6.8	00 10 10	14	New Amsterdam
	iS E	00 16 03	15	13.6			

Heard Island station was closed on 31st October, 1954

P.B. NYE
D I R E C T O R.

No.54/11/2



HEARD ISLAND

The Australian National Antarctic Research Expedition, whose services have enabled the Seismological Observatory at Heard Island to operate, has been obliged to close down its station on Heard Island in favour of developing a base at Mawson on the Antarctic Continent. Regular recording ceased at the island on 31st. October 1954.

(P.B. NYE)
D i r e c t o r .