

UNIVERSITY OF QUEENSLAND

SEISMOLOGICAL STATION

BRISBANE

$\phi=27^{\circ} 28' 41''$ S., $\lambda=153^{\circ} 1' 52''$ E., $h=15$ m.

Foundation : Semi-consolidated alluvium of raised river terrace.

INSTRUMENTS AND CONSTANTS.

INSTRUMENT.	COMPONENT	FREE PERIOD.	DAMPING.	MAGNIFICATION.
Milne Shaw No. 58	N.—S.	12 sec.	20 : 1	250
Milne Shaw No. 60	E.—W.	12 sec.	20 : 1	250

The Station is maintained and operated by the University of Queensland assisted by a grant from the Australian Council for Scientific and Industrial Research.

DATE	PHASE	G. M. T.			REMARKS.
		h.	m.	s.	
1939 June 2	iPNE iPPN iPPE iPcPE iE eSE iSN eSSE iSSN LNE MN		3-40.9 42.5 42.6 43.2 44.4 46.7 46.8 49.0 49.6 50.1 56.2		
" 4	iN eN eN MN		12- 6.4 11.4 13.0ca 14.7		
	iN iN MN		15-22.4 27.2 35.0ca		
" 7	eN iN iN		1-24.0ca 27.7 32.0		
" 8	iPN iSN LN MN		15-28.7 32.6 35.1 36.4		$\Delta = 22^{\circ}$ ca.
	iPN iN iN i?SN iN iN eN MN		20-53.4 53.7 54.8 57.9 58.5 59.3 21- 0.9 4.8		
" 9	eN eN		19-19.8 23.5		
" 10	eE eE		9-54.2 57.5		
" 12					Station closed



DATE	PHASE	G. M. T.			REMARKS.
		h.	m.	s.	
June 13	iE iNE iNE iNE	20	47.1		
" 17	iE eE	12	10.8		
" 27	iPN ePE iN iE iSNE iSSNE MN	23	12.3		
" 28	eN i?SN eE iLN eE	11	51.5		

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DATE	PHASE	G. M. T.			REMARKS.
		h.	m.	s.	
1939 October 3	e?N iN iN	13-	48.6 50.6 53.5		
" 8	eN eN	16-	9.1 12.7		Very small
" 9	iPN iSN iLN MN FN	2-	21.9 25.2 26.3 28.9 4- 0.0ca		$\Delta = 18^{\circ}$ ca
" 10	ePN iSN eSSN eLN MN iN iN	18-	42.8 51.6 55.7 19-02.0 6.6 19-43.5 47.4		$\Delta = 66^{\circ}$ ca Superimposed on coda of preceding earthquake.
" 16	eNE eN	17-	38.0 41.4		
" 17	iPNE iSN MN iPNE iPPN iPPE iSN iSE	6- 9-	26.3 29.7 35.0 ca 3.8 4.1 4.2 7.0 7.1		$\Delta = 18^{\circ}$ + Trace amplitude of S 61 mm. $\Delta = 18^{\circ}$ ca
" 26	iE eN eN eE	21-	30.8 30.8 34.8 35.4		
" 30	iPE ePN iSNE eSSN eNE eN	13-	18.9 18.9 23.9 24.9 22- 6.3 10.4		$\Delta = 29^{\circ}$ +

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27

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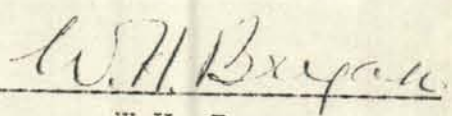
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DATE	PHASE	G. M. T.			REMARKS.
		h.	m.	s.	
1939 Nov. 1	iPNE	6-	11.8		$\Delta = 19^{\circ}$ ca
	iPPE		12.6		
	iE		14.0		
	iSN		15.2		
	iSE		15.3		
	MN		18.5		
" 3	iPNE	19-	43.4		$\Delta = 20^{\circ}$ ca
	iSNE		47.0		
" 8	eN	19-	9.9		
	eE		10.1		
	eE		15.0		
	eN		15.5		
	eN		16.9		
	eE		19.8		
" 10	iN	16-	55.4		$\Delta = 20^{\circ}$ ca.
	eN		58.5		
	eN		59.9		
	eNE	17-	1.1		
	iPNE	20-	25.0		
	iPPN		25.5		
	iSNE		28.6		
	MN		32.1		
" 14	iE	12-	43.2		
	eN		43.2		
	iE		47.7		
	iN		48.3		
	eE		51.1		
" 15	iE	17-	14.7		
	eN		14.8		
	eN		19.6		
	eE		19.7		

DATE	PHASE	G. M. T.			REMARKS.
		h.	m.	s.	
Nov. 17	iPNE	9-	6.4		$\Delta = 22^\circ$ ca.
	iPPE		6.9		
	iPPN		7.0		
	iSNE		10.3		
	eE	18-	47.1		
	iN		48.4		
	eE		48.4		
	iN		54.3		
" 18	iE	0-	18.5		
	iE		22.8		
	iE	12-	11.6		
	eE		14.5		
" 21	eE	11-	18.9		
	eN		19.4		
	iNE		26.6		
	ePNE	21-	29.5		
	eSE		33.9		
	iSN		34.0		
" 24	iPE	23-	27.4		
	ePN		27.4		
	iPPE		28.2		
	?SE		32.1		


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DATE	PHASE	G. M. T.			REMARKS.
		h.	m.	s.	
1939 Dec. 1	iE	6-	41.5		
	eN		45.2		
	eE		45.3		
	MN		50.4		
	ME		53.6		
	eE	16-	51.7		
	eN		52.5		
	eN		58.1		
" 5	eSKSE	8-	55.9		
	iSKKSE		57.3		
	eN		57.3		
	i?PSE	9-	0.2		
	eSSE		6.2		
	eSSSE		11.0		
	FN	11-	15.0ca		
" 7	eN	11-	37.8		
	eN		38.8		
	iE		39.1		
	eE		43.8		
	iN		43.9		
	eE		46.7		
" 14	iNE	1-	25.7		
	iN		29.5		
	iE		29.6		
" 17	eN	8-	1.2		
	eN		2.7		
	eN		4.4		
" 18	iPNE	6-	30.7		$\Delta = 19^{\circ}$ ca.
	iSE		34.1		
	iSN		34.2		
	MN		38.1		
	iPNE	10-	26.1		$\Delta = 21^{\circ}$ ca.
	iPPN		26.5		
	iSNE		29.9		

DATE	PHASE	G. M. T.			REMARKS.
		h.	m.	s.	
Dec. 20	iN iE iN iE	13-	15.3 15.4 18.5 18.6		
" 21	iPNE iSN iSE	21-	8.1 13.9 14.0	} $\Delta = 37^\circ +$ Very strong	
" 22 to 31					Station closed

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