

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.	
1940 Feb. 7	ePNE iSE eSN iSSE eNE	17-28.3 38.3 38.4 43.6 49.8			
" 12	iPE ePN iE iE iE iN iSNE iE ME MN	8-26.4 26.5 27.0 27.2 28.3 28.5 30.7 32.3 33.2 33.5			$\Delta = 24^{\circ} +$
" 14	eN eE eN	2-18.5 18.6 10-55.3			Other phases present but obscured by abnormally large microseisms.
" 15 to 17					Abnormally large microseisms
" 18	iN eN	13-19.3 22.2			
" 20	iPNE iSN iSE eN eN eE eN iE eN eN iE eE	2-22.4 25.9 26.0 13-13.4 20.0 23.8 25.0 20-44.8 44.9 48.1 49.1 55.2			Strong
" 21	eE eN	13-39.0 39.1			
" 24	iPE iSE	12- 5.9 10.5			$\Delta = 26^{\circ} +$

W. H. Bayan
Officer in Charge.

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.	
1940 March 3	iPN iN iSN MN	0-	9.5 10.2 12.6 15.8		$\Delta = 17^{\circ}$ ca.
	eN eN	12-	9.6 13.7		
" 6	iN iN	18-	28.1 32.3		
" 7	eN	7-	47.0		
" 13	eN eE iNE iE eN	19-	13.1 15.4 17.8 18.3 22.8		
" 14	iN eE iE iN eE eN eN iN eE eE eN	0-	37.2 39.0 41.2 41.3 45.7 46.4 4- 3.6 7.5 7.6 10.9 11.8		
	iPN ePE iPPN iSN iSE iLE iLN ME MN	18-	28.6 28.7 29.4 33.4 33.6 34.3 34.8 39.0 41.5		$\Delta = 28^{\circ}$ ca. Large
" 15	iPN ePE iPPN iSN iSE	14-	48.3 48.4 48.8 52.3 52.4		$\Delta = 22^{\circ}$ +

DATE	PHASE	G. M. T.			REMARKS.
		h.	m.	s.	
March 18	eN eE eN eE	5-	44.3 44.5 49.0 49.1		
" 19	iN eE iNE	5-	9.3 11.0 13.3		
	iN iNE iE eE	10-	49.3 53.3 53.7 58.5		
	eNE	15-	3.0		
" 21	iPE iPPE iPPPE iSE eLE ME	14-	1.3 3.1 4.1 8.0 11.3 24.3	$\Delta = 46^\circ$ ca	
" 22	eN eN iN	23-	27.1 29.4 32.0		
" 23 to 25				Station closed	
" 27	eN iE iN	12-	43.7 53.8 53.9		
" 28	iPNE iSNE iN iN GN	15- 16.	57.8 4.9 6.3 7.3 10.1	$\Delta = 49^\circ$ +	
" 29	iN iE eLN eE	23-	30.9 31.0 33.6 34.2		
" 30	eE iE iE	6-	32.1 35.9 37.5		


 W.H. Bryan
Officer in Charge

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.	
1940 Dec. 4	ePN ePE iSNE	13-	11.9 12.2 17.4		
" 8	eN iN iN eN iN iN iN	3-	21.6 25.9 6-26.2 29.1 17-52.6 53.3 55.9		
" 13	iNE iE iN	15-	13.1 15.9 16.0		
" 16	i?PNE i?SNE iE	9-	32.5 36.5 37.0		
" 17	iN eE MN iPN iPE iSNE iE MN ME	1- 14-	33.2 37.2 41.9 48.2 48.3 53.1 55.2 15- 2.4 3.1	$\Delta = 29^{\circ}$ ca.	
" 18	iPNE iSNE iN	5-	38.2 42.8 44.0	$\Delta = 26^{\circ}$ +	
" 22	ePN iN iSN MN FN	12-	37.8 38.7 42.5 47.5 14-30.0 ca.		

W.H. Bryan
W.H. Bryan
Officer in Charge.