

269/30 JANV 1948

UNIVERSITY OF QUEENSLAND SEISMOLOGICAL STATION

BRISBANE

Bulletin No. 121.

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

Foundation: Semi-consolidated alluvium of raised river terrace.

INSTRUMENTS AND CONSTANTS.

INSTRUMENT.	RATE OF RECORDING.	COMPONENT.	FREE PERIOD.	DAMPING.	STATIC MAGNIFICATION.
Milne-Shaw No. 58 (Modified) ..	16 m.m. per minute	N.—S.	12 sec.	20 : 1	250
Milne-Shaw No. 60 (Modified) ..	16 m.m. per minute	E.—W.	12 sec.	20 : 1	
Benioff No. 12	15 m.m. per minute	N.—S.	1.5 sec.		
Benioff No. 11	15 m.m. per minute	E.—W.	1.5 sec.		
Benioff No. 13	15 m.m. per minute	Vertical	1.5 sec.		

Time is correct to the nearest second and is checked daily against radio-signals giving Eastern Australian Standard Time.

The station is maintained and operated by the University of Queensland assisted by grants from the Commonwealth Council for Scientific and Industrial Research.

DATE.	PHASE.	h.	U.T. m. s.	UNIT.	REMARKS.
	Please Note:				Bulletin No. 120, for September 1947, was dated "October, 1947".
1947					
Oct. 1	iPN iPNE iPPNE iSN iP _c PNE iL ₁ N	12-36-04 56-04 36-22 39-40 40-23 41-25		B M-S " " " "	Slightly deeper than normal
" 3	iPNE iSNE iE iE iGNE	06-31-47 38-10 39-42 40-35 42-20		M-S " " " "	$\Delta = 43^{\circ}$ H = 06-23-49
" 4	eNE eS?E	08-43-27 15-37-02		M-S M-S	A few waves
" 5	ePN eS?N eS?E	17-46-50 51-25 51-27		M-S " "	Maximum amplitude 145 mm.
" 6	eS?NE ePN ePN eSKS?N iN iGN	18-04-07 20-15-08 15-08 25-28 28-40 36-07		M-S B M-S " " "	



DATE.	PHASE.	U. T.			UNIT.	REMARKS.
		h.	m.	s.		
Oct, 26	eNE	12	59	50	M-S	A few waves
" 27	iPN eS?N	11	28	09 35-34	B M-S	
" 29	ePN	20	07	24	B	
" 30	iPN eSE	03	54	31 58-55	B M-S	

O.A. Jones.

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Officer in Charge

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		h.	m.	s.		
1947 Nov. 1	iPN iPE ePN iSNE iNE iS _c SNE iSSNE	06-09-09 09-09 09-09 16-42 17-07 18-55 20-20			B M-S " " " " "	
	iPPNE iSKSNE iSKSPNE eSS?NE iNE	15-19-06 24-42 29-04 35-22 36-07			M-S " " " "	
" 2	iS?N iN	16-19-43 25-18			M-S "	
" 4	iPN iPN iP _c PN iSN iPSN iSKSN eSSN	00-20-53 20-53 20-42 30-00 30-16 30-45 34-42			B M-S " " " " "	
	iPN iPE iSE eSSE iL ₁ E iN iN	09-51-05 51-05 53-15 53-27 54-13 54-44 57-04			B M-S " " " " "	

		h.	U. T. m.	s.	UNIT.	REMARKS.
Nov. 5	iPN	02-07-17			B	E-W. M.S. record obscure
	iPN	07-17			M-S	
	iPPN	07-25			"	
	iN	07-52			"	
	iSN	10-40			"	
	iSSN	11-05			"	
	eS?E	14-06-05			M-S.	
" 7	iPN	04-27-14			B	Obscure in M-S records.
	eNE	12-31-10			M-S	A few waves
	eNE	13-38-10			M-S	A few waves
" 8	iPE	06-44-16			M-S	Short period waves of 4 mm. amplitude continue to 07-09-00
	iSNE	49-14			"	
	iSSNE	50-37			"	
	iGE	50-58			"	
	iPN	20-46-32			B	
	ePN	46-32			M-S	
	iE	46-52			"	
iE	47-15			"		
eSNE	50-58			"		
eSSN	51-51			"		
" 9	iPN	03-01-35			B	A few waves
	ePN	01-35			M-S	
	iN	01-39			"	
	iSN	01-45			"	
	eNE	07-52-55			M-S	
	ePNE	10-01-40			M-S	
	eSN	05-08			"	
ePN	13-09-21			B		
eSNE	15-19			M-S		
" 10	iPN	06-32-42			B	
	iSE	37-51			M-S	
	eSSE	39-43			"	
ePN	09-55-51			B		
eSNE	59-12			M-S		
" 12	iPN	10-32-27			B	
	iPNE	32-27			M-S	
	eSE	35-40			"	
	iSN	35-45			"	
	iPN	10-42-51			B	
	iPE	42-52			M-S	
	iPPE	43-08			"	
iS?N	45-49			"		
iSSNE	46-12			"		
iPN	16-22-38			B		
iPE	22-38			M-S		
iN	22-42			"		
iSN	25-51			"		
ePN	17-39-50			B		
" 13	iPN	11-24-05			B	
	iPNE	24-05			M-S	
	iNE	24-53			"	
	iSN	27-29			"	
	iSE	27-31			"	
	iSSN	27-50			"	
	eNE	19-50-10			M-S	

		h. U.T. m. s.	UNIT.	REMARKS.
Nov. 15	iPN iE eN iSN	07-14-22 15-09 15-09 18-25	B M-S " "	
" 16	eNE	17-49-00	M-S	
" 20	iPN	09-41-49	B	M-S records obscure
" 21	iPN iPNE iSN eSE	17-56-20 56-20 18-02-15 02-15	B M-S " "	
	iPN iPN iSNE	19-06-58 06-58 11-01	B M-S "	
" 22	ePN	05-43-25	B	
	ePN eSE eL ₁ NE	09-26-43 31-24 33-50	B M-S "	
	eLNE	12-32-00	M-S	A few waves
	ePN iPE ePN eSN	09-21-39 21-39 21-41 24-50	B M-S " "	
" 23	ePN	02-52-36	B	
	iPN iPN iPPN iSN iSSN	07-32-02 32-02 32-20 36-00 36-38	B M-S " " "	Deeper than normal
" 25	eS?E eLE	12-15-25 18-20	M-S "	A few waves
	ePN ePPE eSE	12-32-22 33-52 38-16	B M-S "	
" 26	eLNE	08-49-30	M-S	A few waves
	eS?NE	22-48-50	M-S	
" 28	iPN iPNE iPPNE eSNE	14-16-51 16-51 17-00 20-35	B M-S " "	

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