

SEISMOLOGICAL BULLETIN

KING'S COLLEGE OBSERVATORY, ABERDEEN

JANUARY - MARCH, 1965

57°10' N. Long. 2°6' W. Height above M.S.L. 12M. Lithologic Foundation: Glacial deposit over boulder clay.

Instruments: Milne-Shaw Seismographs, Photographic Registrations, Two Components.

Compt.	Mass	To	Damping Ratio	Magnification	1" Tilt	Date from which constants apply
N	1 lb.	10 Sec.	20 : 1	150	19.0mm.	E-W 1.10.63
E	1 lb.	10 Sec.	20 : 1	150	18.1 mm.	N-S 1.10.63

Date	Compt.	Phase	Time G.M.T. h. m. s.	Period sec.	Ampl. "	Δ° km.	Direction of Motion	Remarks Time of origin
January, 1965								
1	N	iP	21 43 42			21.3°	N E	U.S.C.G.S: 35.7°N, 4.4°E
	N	iS	47 32			2365Km	+ -	Ei 47m 42s
	N	iSS	48 32				+ +	Ei 48m 37s
	E	L	50 42					
	E	M	52 41	11	15.5			T _o = 21h 38m 58s
	N	M	52 57	13	10			
		F	22 16					
10	E	eL	14 40 47					U.S.C.G.S: 13.5°S, 166.6°E
	E	e	47 35					No N-S record
	E	M	15 00 05	20	13.5			
		F	31 -					
24	NE	eP	00 25 58			111.8°	- -	U.S.C.G.S: 2.4°S, 126.0°E
	E	i	26 55			12420Km	+ -	T _o = 00h 11m 16s.
	NE	iPP	30 33	E12	57		- -	
	N	iPPP	32 48	N14	49		+ -	iE 32m 28s
		iSKS	36 28				+ +	
	NE	i	37 44				+ +	
	NE	iPS	40 05				- +	
	N	i	40 23	12	35		- +	
	E	i	40 43	13	90		+ +	
	E	iSS	46 18				- +	iN 45m 05s
	E	iSSS	49 23				- +	iN 50m 55s
	E	L	01 04 03					
	N	M	09 07	26	382			
	E	M	09 40	24	392			
		F	03 15 -					
February, 1965								
4	NE	e	05 02 32				- +	Foreshock
	N	e	05 27					
		F	Lost in main shock					
4	NE	eP	05 12 42			71.2°	- -	U.S.C.G.S: 51.1°N, 178.4°E
	NE	i	13 04			7910Km	+ -	T _o = 05h 01m 25m
	E	iPP	15 37				+ +	
	E	iPPP	16 51				+ +	
	NE	iS	21 58				+ +	
	E	iPS	22 42				- -	
	E	L	35 56					
	N	M ₁	43 46	15	613			
	N	M ₂	50 47	15	645			
	E	M ₁	51 27	15	600			
	E	M ₂	56 57	15	645			
		F	Lost in subsequent shocks					

KEW
OBSERVATORY
 10 MAY 1965
 RICHMOND,
 SURREY.

SEISMOLOGICAL BULLETIN

No. 4

KING'S COLLEGE OBSERVATORY, ABERDEEN

Date	Compt	Phase	Time G.M.T.			Period sec.	Ampl. μ	Δ° km.	Directions of Motion		Remarks Time of Origin
			h.	m.	s.				N	E	
February, 1965 (Contd)											
26	N	eP	05	34	56			68.4°	-		T ₀ = 05h 23m 57s No E-W record
	N	iS		43	57			7600Km	+		
	N	iPS		44	45				-		
	N	eSS		48	50				+		
	N	L		58	45						
	N	M F		06 29	03 -	00	20	7			
27	E	iP	08	20	41			18.7°		+	T ₀ = 08h 16m 27s
	N	ePP		21	05			2080Km	-		
	E	iS		24	05					-	
	N	eSS		24	55						
	E	L		25	55						
	N	M F		30 50	40 -		10	13			
March, 1965											
1	E	eP	21	44	01			75.9°		-	T ₀ = 21h 32m 16s
	N	e		52	26				+		
	E	iS		53	43			8435Km		+	
	E	ePS		54	06					-	
	N	e	22	04	56				+		
	N	L M F		09 13 13 32	36 11 16 -		25 25	8.5 6.5			
2	NE	e, iP	22	10	57			23.1°	+	-	T ₀ = 15h 45m 43s
	NE	eS		15	03			2565Km	+	+	
	E	eSS		16	07					+	
	N	L		17	12						
	E	M		20	27	14	10				
	N	M F		21 32	02 -		20	5.5			
3	N	ePP	16	00	58			80.5°	+		T ₀ = 17h 58m 06s
	NE	ePPP		02	57			8945Km	+	+	
	NE	i		07	18				+	-	
	E	e		10	27				+	+	
	E	eSSS		17	09				+		
	E	L M F		24 29 30 50	12 52 19 -		20 22	30 42.5			
9	NE	i, eP	18	03	20			24.1°	+	+	BCIS: 39.1°N, 21°E T ₀ = 17h 58m 06s
	NE	i, eS		07	35			2680Km	+	+	
	NE	iSS		08	31				+	+	
	N	L		10	12						
	E	L		10	18						
	E	M ₁		12	45	15	115				
	N	M ₁		13	03	15	82				
	N	M ₁		14	09	14	80				
	E	M ₂		15	35	14	135				
	E	F ₂		41	-						

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No. 5

KING'S COLLEGE OBSERVATORY, ABERDEEN

Date	Compt	Phase	Time G.M.T.			Period sec.	Ampl. "	Δ° km.	Directions of Motion		Remarks Time of Origin
			h.	m.	s.				N	E	
March, 1965 (Contd)											
13	NE	iP	15	00			23.7° 2635Km	-	+	U.S.C.G.S: 39°N, 23.4°E	
	E	iS	19	12					+		
	E	eSS	21	52					+		
	NE	L	24	42							
	E	M	27	04	13	7					
N	M	27	12	13	5						
	F	44	-								
14	NE	iP	16	01	50		49.0° 5545Km	-	-		
	NE	iPP	03	33				-	-		
	N	iPPP	04	07				-	-		
	NE	i	05	33				+	-		
	NE	iS	08	53				+	+		
	NE	iPS	09	48				-	-		
	E	iSS	12	23				-	-		
	N	i	12	53				-	-		
	N	M	14	18	10	130					
	E	M	14	38	10	150					
E	M ¹	25	08	13	141						
	M ²	27	13	17	190						
N	F ²	19	05	-							
	16	N	i	17	29	33		+	-	Phases doubtful: obscured by microseisms	
		E	e	29	38			+	+		
		NE	i, e	31	34			+	+		
		NE	i	39	03			+	-		
E		e	43	08							
21	N	iSKS	11	33	42		114.8° 12755Km	+	+	iE 33m 53s U.S.C.G.S: 1.5°S, 126.5°E	
		iS	35	27				+	+		
		i	39	42				+	+		
		iSS	43	52				+	+		
		i	46	32				+	+		
		e	12	05	42				+		+
		e	07	42					+		+
		e	15	57					+		+
		M	19	22	20	19					
		M	24	03	20	7					
22	N	e	03	56	07			-			
			M	04	02	14	25	10			
			Traces	04	00						
			F	-09	00						
23	E	Traces	23	53	42				+		
			53	00							
			24-03	00							
			M	23	59	17	20	4			
28	N	iPP	16	51	36		107° 11890Km	+	+	T _o = 16h 33m 03s E-W light failed	
		iSKS	57	56				+	+		
		iS	59	27				+	+		
		iPS	17	01	03				+		+
		iPPS	02	01					+		+
		iSS	06	43					+		+
		iSSS	11	23					+		+
		L	24	51							
		M	32	06	23	46					
		F	19	30	-						

No. 6

SEISMOLOGICAL BULLETIN

KING'S COLLEGE OBSERVATORY, ABERDEEN

Date	Compt	Phase	Time G.M.T.			Period sec.	Ampl. μ	Δ° km.	Directions of Motion		Remarks Time of Origin
			h.	m.	s.				N	E	
March 1965 (Contd)											
29	E	e	11	08	06						+ U.S.C.G.S: 40.8°N, 142.8°E
	N	eS		09	41				-		
	N	iPS		10	08				+		
	NE	eSSS		18	21				-	+	
	NE	e		23	21				+	+	
	N	L		29	20						
	NE	M		39	16	20	16.5E 8N				
		F	12	10	-						
30	NE	i, eP	02	38	31		73.5°		+	+	U.S.C.G.S: 50.6°N, 177.9°E T _o = 02h 27m 01s iE 48m 06s iN 48m 28s
	N	iPP		39	03				+		
	NE	iPP		41	16		8165Km		+	-	
	E	iPPP		43	05					+	
	N	iS		48	00				+	+	
	E	iPS		48	37				+	-	
	NE	iSS		52	56				-	+	
	N	M		54	03	15	82				
	NE	iSS		56	11				+	+	
	N	L		03	01	51					
	E	M		04	51	25	144				
N	M		06	18	22	134					
		F	05	50	-						
31	NE	iP	09	52	43		24.6°		+	-	BCIS: 38.25°N, 22.5°E T _o = 09h 47m 24s
	N	iPP		53	19		2735Km		-		
	NE	i		54	02				-		
	N	M		57	09	8	94		-		
	NE	iS		57	12				+	+	
	E	M		57	27	8	130			+	
	N	iSS		58	02				+		
	N	L		59	20						
	NE	M		10	02	10	78				
N	M		04	52	14	71					
		F	11	50	-						
31	N	e	23	55	25						U.S.C.G.S: 50.3°N, 177.7°E No effect on E-W Record
	N	M		57	10	20	4				
		F	24	05	-						

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