

SEISMOLOGICAL BULLETIN

KING'S COLLEGE OBSERVATORY, ABERDEEN

JANUARY - MARCH, 1963

Lat. 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.

Date	Compt.	Phase	Time G.M.T.			Period sec.	Ampl. "	Δ° km.	Dir ⁿ of Motion	Remarks Time of origin	
			h.	m.	s.						
	Mass	To	Damping Ratio			Magnification		1" Tilt		Date from which constants apply	
	1 lb.	10 sec.	20 : 1			150		19.1 mm		E-W 1.2.62	
	1 lb.	10 sec.	20 : 1			150		18.1 mm.		N-S 1.2.62	
Jan.	E N E	i M M F	15	26	42				N E +	U.S.C.G.S.: 3.4°N, 122.9°E	
				28	06	15	3				
				28	16	15	1.5				
				40	-						
1	E E N	e M M F	20	46	09				-	U.S.C.G.S.: 40.2°S, 81.3°E	
				52	14	15	1.5				
				53	09	15	2.5				
			21	03	-						
1	N N N E E N N	iS iPS eSS eSSS M L M F	23	58	23				- + - +	U.S.C.G.S.: 56.6°N, 157.7°W iE 58m 18s iE 59m 24s	
				59	00						
			24	03	00						
				05	14	15	2.5				
				08	24						
				13	14						
				18	29	17	2				
				34	-						
2	NE	Traces	03	45	-					U.S.C.G.S.: 5.8°S, 150°E	
				59	-						
3	N E	M M F	03	53	04	15	3			U.S.C.G.S.: 29.7°N, 130.1°E	
				59	34	15	2				
			04	06	-						
15	N E E N	e i M M F	01	39	18				- +	U.S.C.G.S.: 68.9°N, 17.1°W	
				39	37	10	7				
				41	25	10	4.5				
				41	28						
				51	-						
15	N E E N E E N	eP e eS eSS L M M F	05	26	19			13.4° 1490 Km	+	U.S.C.G.S.: 69.0°N, 16.6°W	
				26	33				+		
				28	48				+		
				29	43				-		
				30	08	14	13.6				
				31	03	16	12				
				31	16						
				53	-						
4	E E N	e M M F	23	32	06				-	U.S.C.G.S.: 8.0°N, 126.8°E	
				33	04	17	3				
				34	06	15	1.5				
				39	-						

**KEW
OBSERVATORY**

17 JUL 1963

**RICHMOND,
SURREY.**

No. 2

SEISMOLOGICAL BULLETIN

KING'S COLLEGE OBSERVATORY, ABERDEEN

Date	Compt	Phase	Time G.M.T.			Period sec.	Ampl. μ	Δ° km.	Directic of Motion		Remarks Time of Origin
			h.	m.	s.				N	E	
Jan. 27	N N N E E N	eS i i L M M F	19	48	00				+	-	U.S.C.G.S: 41.2°N, 49.8°E
				50	10				-		
				52	28				+		
				53	35						
				59	41	20	5.5				
			20	00	13	15	2.5				
				04	-						
28	NE NE E E	e,i e e L F	12	44	48				-	+	U.S.C.G.S: 2.6°S, 149.9°E
				48	12				-	-	
			13	04	14						
				10	14						
			Lost in following shock								
28	N N N E E N N N N E	iP e eS iS e eSS L L M L F	13	12	03				-		U.S.C.G.S: 54.7° , 161.6°W
				13	38				+		
				20	39				-		
				20	45					-	
				24	40					+	
				25	08				+		
				29	40	22	23				
				33	00						
				38	13	21	21				
				41	11	20	24.5				
			14	42	-						
30	N E E E N E N E N	iSKS iS iPS eSS i L M M F	10	35	33			116°	+		U.S.C.G.S: 55.6°S, 28.3°W
				37	38					+	
				39	28			12890Km	-	+	iN 39m 35s
				45	48				-	-	eE 45m 38s
				49	30					+	
			11	02	13						
				08	57	20	25				
				12	33	22	33				
			12	45	-						
31	NE E NE N E E NE N E	e,iPP iPPP e,S ePS eSS eSSS L L M M F	05	22	41				-	-	U.S.C.G.S: 27.9°N, 126.3°E
				24	38					+	
				29	46				+	+	
				30	45				-		
				35	38					+	
				39	01				+	+	eN 39m 08s
				51	-						
			06	02	56	16	17				
				03	00	15	14.5				
				39	-						
February 5	N E E N	i i L M M F	21	35	20				+		U.S.C.G.S: 38.4°S, 73.2°W
				39	56					-	
				47	56	20	15.5				
				48	04	20	19				
			22	05	-						
10	N N	e M F	05	32	05				+		U.S.C.G.S: 54.1°N, 166.5°W
				46	40	20	1				Very slight: No effect on E-W
				47	-						
13	NE E NE NE NE	iP i iPP i iS	09	02	42				-	-	U.S.C.G.S: 24.5°N, 121.8°E
				05	00					+	
				06	02				-	-	
				09	37				-	-	
				13	12				-	+	

SEISMOLOGICAL BULLETIN

No. 3

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.						
Feb. 13	(contd.) NE E N E N N E N	iPS	09	14	32				N	E	
		iSS		19	02				+	+	
		i		19	20				-	-	
		iSSS		22	22				+	-	iN 22m 57s
		L		32	16						
		M ₁		38	08	20	137				
		M ₂		45	32	15	215				
13	N N N	F	10	53	-						
		e	19	21	25				-		U.S.C.G.S: 9.9°S, 160.8°E
		L M F		31 38 45	- 15 -	20	5.5				
21	N E E N	e	17	34	47				+		
		e		35	15					+	
		M		36	45	15	8				
		M F		39 43	23 -	20	11				
26	N NE E NE NE N E	iSKS	20	41	06				+		U.S.C.G.S: 7.5°S, 146.2°E
		iSKKS		42	21				-	-	
		iPS		45	08						
		iSS		51	26					+	iN 45m 26s
		iSSS		55	40					+	iE 51m 21s
		L	21	12	25					+	
		L M F		15 17 53	15 16 -	20 25	36 52				
27	NE N E E N	L	05	29	25						U.S.C.G.S: 6.0°S, 149.4°E
		e		38	15						
		e		38	45						
		M		44	32	22	36				
		M F		44 06	56 00	25	35				
27	N E N N E	e	06	01	16				+		U.S.C.G.S: 14.5°S, 173.1°W
		e		01	45					+	
		eL		12	00						
		M		30	21	20	11				
		M F		34 46	36 -	20	5.5				
March 4	N E E N	L	14	20	45						U.S.C.G.S: 24.2°N, 121.7°E
		L		21	25						
		M		26	15	25	44				
		M F		26 49	52 -	22	20				
7	N NE N E	eSS	06	00	30				-		U.S.C.G.S: 27.0°S, 113.5°W
		L		21	-						
		M		36	45	15	3				
		M F		38 51	38 -	20	8				
10	E N E	e	03	39	30					+	
		M		40	36	22	23				
		M		41	33	22	16.5				
		F		52	-						

No. 4

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 11	N E N	e i M F	07	44	35	17	6		+	E	U.S.C.G.S 38.1°N, 29.3°E
				45	36					-	
				45	49						
				50	-						
16	NE E N NE NE E E N E N E	iP i iPP iS iPS iSS iSSS L M ₁ M ₁ M ₂ M ₂ F	08	56	30	31 35 20 22	136 183 58 98	74.6° 8290Km	+	+	U.S.C.G.S 46.5°N, 154.7°E eE 09h 00m 25s T _o = 08.41.52 eN 10m 50s eN 14m 39s
				57	30					+	
				59	30					+	
			09	06	05					-	
				06	45					-	
				10	47					+	
				14	05					+	
				17	-						
				19	44						
				22	21						
				30	14						
				31	33						
	11	35									
24	N E E E N	e e L M M F	03	09	28	25 25	6.5 5.5		-	+	U.S.C.G.S 9.7°S, 120.4°E
				11	13						
				13	48						
				18	43						
				18	58						
24	NE N NE E N E	e i e M ₁ M ₁ M ₂ F	13	04	42	22 18 17	16 11 14		-	+	U.S.C.G.S 34.4°N, 47.9°E
				05	33					-	
				08	18					-	
				11	13						
				12	32						
				13	48						
26	NE E N NE N NE E N E N	i, eSKS ePSKS ePPS iSS iSSS L M ₁ M ₁ M ₂ M ₂ F	10	14	39	22 20 17 20	33 25 24 30		+	-	U.S.C.G.S: 29.7°S, 177.8°W iN 21m 16s
				21	34					-	
				25	25					+	
				31	40					+	
				37	00					+	
			11	05	20						
				13	26						
				21	29						
				25	57						
				39	29						
				12	31						
26	NE E N N NE	iS ePS eSS eL M F	21	57	03	15	21		+	+	U.S.C.G.S: 36.0°N, 135.7°E iN 28m 00s
				57	49					+	
			22	02	41					+	
				15	24						
				21	59						
28	N N N N	iP i iS M F	00	18	39	10	420	12.5° 1389 Km	+		U.S.C.G.S: 66.3°N, 19.6°W No E-W record obtained T _o = 00.15.45
				19	29					+	
				20	59					+	
				24	-						
			01	55	-						

No. 5

SEISMOLOGICAL BULLETIN

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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									N	E	
21	N	e	05	53	45	20	2.5		-		U.S.C.G.S.: 29.9°S, 177.7°W
	N	e	06	10	35				+		
	N	e		24	34				-		
	N	L		47	40						
	N	F	08	29	-						
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