

No. 2

# SEISMOLOGICAL BULLETIN

## KING'S COLLEGE OBSERVATORY, ABERDEEN

Date	Compt	Phase	Time G.M.T.			Period sec.	Ampl. μ	Δ° km.	Direction of Motion	Remarks Time of Origin
			h.	m.	s.					
Apr. 17	N	e	11	39	31	15	1.5		N E	B.C.I.S.: 39°N, 187.4°E
	N	e		42	28					
	N	L		44	44					
	N	M		48	13					
		F	12	02	-					
17	N	eS	22	53	03	15	1.5		-	U.S.C.G.S.: 1.5°S, 14.9°W
	N	e		58	29					
	N	e	23	05	08					
	N	L		07	38					
	N	M		13	58					
		F	22	-	-					
18	N	eSKS	19	38	09	20	2.5	91.4° 10155 Km	+	U.S.C.G.S.: 10.0°S, 79.0°W
	N	iSKKS		38	32					
	N	i		39	00					
	N	ePS		39	50					
	N	eSS		45	00					
	N	e		46	58					
	N	L	20	01	40					
	N	M		09	53					
		F	37	-	-					
19	N	e	23	47	38				-	U.S.C.G.S.: 69.8°N, 138.6°E
	N	e		52	38					
		F	24	26	-					
20	N	eP	05	58	23	20	11	62.1° 6900 Km	+	U.S.C.G.S.: 20.6°N, 72.2°W
	N	iS	06	06	38					
	N	iPS		07	00					
	N	iSS		10	34					
	N	eSSS		13	33					
	N	M <sub>1</sub>		15	18					
	N	eL		16	08					
	N	M <sub>2</sub>		20	23					
		F	57	-	17	6				
23	N	iP	06	09	57	25	22	76.5° 8500 Km	-	U.S.C.G.S.: 42.9°N, 143.4°E
	N	i		10	22					
	N	iPP		12	48					
	N	iS		19	39					
	N	iPS		20	17					
	N	i		21	25					
	N	eSS		24	37					
	N	i		29	47					
	N	L		34	41					
	N	M <sub>1</sub>		41	37					
N	M <sub>2</sub>		44	37						
		F	07	40	-	23	33			
25	N	i	04	51	57				+	U.S.C.G.S.: 45.3°N, 5.2°E
	N	i		53	29					
		F		59	-					
25	N	eP	15	59	37	18	4.5	81.0° 9000 Km	+	U.S.C.G.S.: 38.4°N, 142.5°E
	N	ePP	16	02	32					
	N	iS		09	47					
	N	i		10	52					
	N	e		15	32					
	N	L		31	-					
	N	M		39	44					
		F	17	10	-					

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# SEISMOLOGICAL BULLETIN

## KING'S COLLEGE OBSERVATORY, ABERDEEN

Date	Compt	Phase	Time G.M.T.			Period sec.	Ampl. "	$\Delta^\circ$ km.	Director of Motion	Remarks Time of Origin
			h.	m.	s.					
Apr. 27	N	Traces	07 47 -)					N E	U.S.C.G.S.: 44.4 <sup>0</sup> S, 74.8 <sup>0</sup> W	
			08 06 -)							
28	N	iPPP	11 25 48					+	U.S.C.G.S.: 36.4 <sup>0</sup> N, 26.6 <sup>0</sup> E	
	N	eS	29 42					+		
	N	eSS	31 01					-		
	N	L	37 26							
	N	M	39 54	12	5.5					
		F	Lost in succeeding shock							
28	N	e	12 52 37					-	U.S.C.G.S.: 36.3 <sup>0</sup> N, 26.7 <sup>0</sup> E	
	N	eS	54 36					-		
	N	e	57 30					+		
	N	L	13 02 20							
	N	M	04 53	9	1.5					
	N	F	20 -							
30	N	eP	02 38 31				79.2 <sup>0</sup>	+	U.S.C.G.S.: 38.8 <sup>0</sup> N, 140.9 <sup>0</sup> E	
	N	ePP	41 26				8790Km	-		
	N	eS	48 31					+		
	N	e	49 31					+	Deep focus	
	N	eSS	53 08					-		
	N	eSSS	56 51					-		
	N	L	03 08 53							
	N	M	11 48	18	2					
	N	F	42 -							
30	N	ePPS	16 51 31					-	U.S.C.G.S.: 17.9 <sup>0</sup> S, 176.1 <sup>0</sup> W	
	N	eSS	57 46					-		
	N	eSSS	17 02 26					+		
	N	L	24 36							
	N	M	32 51	20	2.5					
	N	F	43 -							
30	N	iP	23 54 10					-	B.C.I.S.: 73.7 <sup>0</sup> N, 7.0 <sup>0</sup> E	
	N	iPP	54 32					+		
	N	L	58 36							
	N	M	59 41							
	N	F	24 09 -							
May 6	N	Traces	12 30 -						U.S.C.G.S.: 20.8 <sup>0</sup> S, 178.7 <sup>0</sup> W	
			-35 -							
6	N	ePKP	19 19 26				122.4 <sup>0</sup>	+	U.S.C.G.S.: 60.0 <sup>0</sup> S, 32.8 <sup>0</sup> W	
							13600Km			
	N	eSKP	22 08					+		
	N	ePPP	23 08					-	T <sub>o</sub> = 19h 00.3m	
	N	e	24 33					+		
	N	eSKS	25 53					-		
	N	iS	28 48					+		
	N	ePS	30 38					+		
	N	e	33 43					-		
	N	eSS	36 38					+		
	N	eSSS	40 58							
	N	L	57 -							
	N	M	20 03 55	20	2.5					
	N	F	21 25 -							

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# SEISMOLOGICAL BULLETIN

## KING'S COLLEGE OBSERVATORY, ABERDEEN

Date	Compt	Phase	Time G.M.T.			Period sec.	Ampl. $\mu$	$\Delta^\circ$ km.	Direction of Motion	Remarks Time of Origin
			h.	m.	s.					
May 7	N	iP	17	51	36				N E	U.S.C.G.S.: $45.3^\circ\text{N}$ , $146.7^\circ\text{E}$ $T_0 = 17\text{h } 39\text{m } 52\text{s}$
	N	ePP		54	23				+	
	N	iPPP		56	00				+	
	N	iS	18	01	03				-	
	N	eSS		06	08				+	
	N	eSSS		09	23					
	N	L		17	-					
	N	M <sub>1</sub>		25	59	18	11			
	N	M <sub>2</sub> F <sup>2</sup>		33 19	54 20	11	9			
11	N	eP	14	24	01					U.S.C.G.S.: $17.0^\circ\text{N}$ , $99.7^\circ\text{W}$
	N	i		24	41				+	
	N	ePP		26	58				-	
	N	ePPP		28	54				+	
	N	iS		34	08				+	
	N	iPS		34	43				-	
	N	e		41	58				+	
	N	L		49	30					
	N	M F		57 16	06 32	25	65			
21	N	iP	12	13	26					U.S.C.G.S.: $37.3^\circ\text{N}$ , $96.0^\circ\text{E}$ $T_0 = 12\text{h } 02\text{m } 56\text{s}$
	N	i		13	31				+	
	N	iPP		15	46				-	
	N	iPPP		17	14				+	
	N	iS		22	01				+	
	N	iPS		22	44				+	
	N	i		24	29				+	
	N	iSSS		28	26				-	
	N	L M <sub>1</sub> M <sub>2</sub> F <sup>2</sup>		32 39 43 13	- 28 41 31	17 15	60 61			
21	N	iPKP	21	34	26					U.S.C.G.S.: $20.0^\circ\text{S}$ , $177.5^\circ\text{W}$  Deep focus
	N	i		34	40				+	
	N	iPP		37	41				+	
	N	i		39	18				-	
	N	iSKKS		44	26				+	
	N	iPSKS		47	26				+	
	N	L	22	22	-					
	N	M F		34 55	06 -	20	13.5			
22	N	Traces	08	34	-					U.S.C.G.S.: $10.2^\circ\text{S}$ , $161.5^\circ\text{E}$
			09	00	-					
24	N	e	23	55	15					
		F	24	11	-					
25	N	e	00	57	05					U.S.C.G.S.: $58.6^\circ\text{N}$ , $31.5^\circ\text{W}$
	N	M F		58 01	48 08	11	2			
25	N	M F	01	15	54	13	1.5			U.S.C.G.S.: $59.0^\circ\text{N}$ , $31.2^\circ\text{W}$
25	N	Traces	04	55	-					U.S.C.G.S.: $20.7^\circ\text{S}$ , $174.3^\circ\text{W}$
				59	-					

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# SEISMOLOGICAL BULLETIN

## KING'S COLLEGE OBSERVATORY, ABERDEEN

Date	Compt	Phase	Time G.M.T.			Period sec.	Ampl. μ	Δ° km.	Direction of Motion		Remarks Time of Origin
			h.	m.	s.						
May 30	N	eS	10	16	16	12	2.5	38.6° 4290 Km	N	E	U.S.C.G.S.: 30.3°N, 42.4°W
	N	eSSS	19	13	-						
	N	M	24	18	-						
		F	28	-	-						
31	N	e	06	40	17	30	9		+		U.S.C.G.S.: 22.1°N, 142.6°E  Phases doubtful through shaking of building
	N	e	42	11	+						
	N	ePP	46	08	+						
	N	ePPP	48	11	+						
	N	eSKS	52	16	+						
	N	e	53	42	+						
	N	e	59	13	+						
	N	e	07 12	36	-						
	N	L	22	16							
	N	M	32	30							
N	F	08 11	-								
June 2	NE	i, eS	12	45	35	15	2.5	65.5° 7280 Km	+	+	U.S.C.G.S.: 49.8°N, 129.8°W
	E	e	59	24	-						
	N	e	59	34							
	N	M	13 04	30							
2	E	e	17	58	34	25	9		-	+	U.S.C.G.S.: 29.8°N, 130.6°E
	N	e	18 01	20							
	N	M	06	32	17						
	E	M	09	53							
3	N	ePP	15	12	33	16	5.5	46.6° 5180 Km	+	+	U.S.C.G.S.: 22.4°N, 45.2°W
	N	iS	17	48							
	N	M	26	23							
4	N	M	05	42	00	18	4.5				U.S.C.G.S.: 43.0°N, 15.8°E
		F	-44	-							
7 11	NE	iP	07	20	01	17	20	19.2° 2135 Km	-	+	U.S.C.G.S.: 43.5°N, 18.3°E T <sub>0</sub> = 07h 15m 41s
	NE	iS	23	30							
	E	iSS	24	22							
	NE	L	25	11							
	E	M	27	26	18						
	N	M	29	28							
8 14	E	eS	08	12	02	15	1.5		+		U.S.C.G.S.: 54.3°N, 169.1°E  Two shocks: separation of phases doubtful
	E	eSSS	19	03							
	E	e	22	10							
	E	L	31	05							
	E	M	35	05							
		F	Lost in	following	shock						
9 14	N	eS	08	16	00	15	1.5		-		U.S.C.G.S.: 54.2°N, 169.3°E
	N	eSS	20	00							
	N	e	25	25							
		F	Lost in	following	shock						
0 14	NE	LM	08	59	-	15	1.5				U.S.C.G.S.: 19.4°N, 65°W
			09	05	-						
	E	M	04	39							
		F	22	-							

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# SEISMOLOGICAL BULLETIN

## KING'S COLLEGE OBSERVATORY, ABERDEEN

Date	Compt	Phase	Time G.M.T.			Period sec.	Ampl. μ	Δ° km.	Direction of Motion		Remarks Time of Origin
			h.	m.	s.				N	E	
June 14	N	eS	22	36	25				N	E	U.S.C.G.S.: 26.4°N, 126.5°E Early portion on E-W doubtful
	N	eSSS		44	35				-		
	N	eL		53	15				-		
	E	e	23	00	10					+	
	E	M <sub>1</sub>		03	16	20	2.5				
	E	M <sub>2</sub>		09	15	15	2.5				
	E	F <sup>2</sup>		10	15	15	3				
				25	-						
21	E	e	05	15	03					+	U.S.C.G.S.: 57.0°N, 82.6°W
	N	e		20	20				-		
	N	M		25	15	20	2.5				
	E	M		31	00	15	1.5				
		F		39	-						
23	NE	eSKS	10	07	53			87°	+	+	U.S.C.G.S.: 25.7°N, 128.5°E
	NE	iPPS		09	29			9665 Km	+	+	
	E	e		13	58				+	+	
	N	i		21	00				+	+	
	E	i		22	18					+	
	NE	L		28	30						
	E	M		32	24	25	39				
	N	M		34	06	22	20				
		F	11	15	-						
25	N	eP	11	22	56			86.4°	+		U.S.C.G.S.: 24.3°N, 122.6°E
	NE	e		23	09			9600 Km		+	
	NE	eS		33	32				-	-	
	E	ePS		34	41					+	
	NE	eSS		39	26				-	-	
	N	eSSS		43	18						
	E	L		57	-						
	N	M	12	06	18	17	50				
				06	16	34.5					
		F		57	-						
30	N	e	20	20	03						U.S.C.G.S.: 16.5°N, 122.0°E No E-W effect
	N	M		22	10	22	5				
		F		38	-						

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