JAN/MARCH 1955

SEISMOLOGICAL BULLETIN

KING'S COLLEGE OBSERVATORY, ABERDEEN

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.

Compt.	Mass	To	Damping Ratio	Magnification	1" Tilt	Date from which constants apply
N	1 lb.	10 sec.	20 : 1	150	18.1 mm.	9/8/54
E	1 lb.	10 sec.	20 : 1	150	18.1 mm.	9/8/54

Date	Compt.	Phase	Time G.M.T. h. m. s.	Period sec.	Ampl. μ	Δ° km.	Remarks: Time of origin.
Jan.							
3	N	i	01 16 28				U.S.C.G.S: 39°N, 22°E.
	E	e	20 53				Central Greece.
	N	i	21 14				
	E	M	22 43	15	3		
	N	M	24 43	10	2		
		F	36 -				
3	N	LM	19 29-54				Very slight
	E	LM	33-51				
5	E	i	01 09 15			169.5°	U.S.C.G.S: 50°S, 162½°E
	NE	iPKP	10 25			18,840Km	T_o = 00h 50.4m.
	NE	iPP	15 30				
	N	iPPP	19 24				
	E	iSKKS	21 45				
	E	i	25 01				
	N	iPSKS	26 33				
	E	iPPS	28 57				
	N	i	37 33				
	N	i	43 29				
	N	M	02 33 44	20	33		
		F	03 23 -				
5	N	iPP	18 11 40			142°	U.S.C.G.S: 16°S, 167½°E
	E	i	12 15				
	N	iSKS	15 35			15780Km	T_o = 17h 49.1m.
	N	iPPS	23 16				
	NE	SS	29 28				
	E	iSSS	35 30				
	N	M_1	19 04 18	20	6		
	E	M_1	04 49	25	11		
	E	M_2	09 35	20	6		
	N	M_2	16 21	20	11		
		F	20 32 -				
6	NE	iPP	00 05 19				
	E	i	07 39			142°	After shock of previous
	N	e	11 00				
	E	iSKKS	12 09			15780Km	
	N	ePPS	17 40				
	E	eSS	22 35				
	N	e	55 40				
	E	M_1	01 04 29	20	7		
	N	M_1	09 53	16	5		
	E	M_2	01 16 31	19	8		
		F	02 23 -				

No. 2.

SEISMOLOGICAL BULLETIN

KING'S COLLEGE OBSERVATORY, ABERDEEN

Date	Compt.	Phase	Time G.M.T. h. m. s.	Period sec.	Ampl. μ	Δ° km.	Remarks: Time of origin.
Jan. 8	NE	e	07 54 29			137.4°	U.S.C.G.S: 11½°S, 166½°E.
	N	ePP	55 40			15260Km	
	E	iSkP	56 31				
	E	ePPS	08 06 -				
	NE	e	18 35				
	NE	eL	35 30				
	E	M	51 29	22	13		
	N	M	52 35	20	6		
		F	10 09 -				
13	N	i	02 20 01			69°	U.S.C.G.S: 53°N, 167½°W.
	NE	iPS	24 18			7670Km	
	E	iSS	28 31				
	N	iSSS	31 26				E 31m 47s.
	N	L	38 55				
	E	L	44 06				
	N	M_1	45 33	20	58		
	N	M_2	49 38	19	52		
	E	M	51 30	17	30		
		F	03 44 -				
28	NE	iPS	17 21 05				U.S.C.G.S: 33°N, 82½°E.
	NE	e	27 36				
	NE	L	32 40				
	N	M_1	35 45	17	20		
	E	M	40 20	20	54		
	N	M_2	40 30	14	17		
		F	18 24 -				
31	E	i	16 26 12				U.S.C.G.S: 46½°N, 153°E.
	NE	e	49 20				
	N	M	52 30	17	16		
		F	17 22 -				
Feb. 5	E	e	21 26 35				U.S.C.G.S: 46½°N, 153°E.
	N	e	30 -				
		F	55 -				
6	E	iS	01 02 05				U.S.C.G.S: 71°N, 13½°W.
	N	i	03 00				Jan Mayen Island Region
	E	i	04 50				
		F	13 -				
6 *	N	iP	02 31 20			14.8°	U.S.C.G.S: 71°N: 13½°W.
	N	iPP	31 27			1650Km	Jan Mayen Region
	E	iS	33 44				
	E	iSS	34 27				T_o = 02 27.6m.
	N	M_1	36 14	15	19		
	E	M	36 35	10	16		
	N	M_2	37 45	13	21		
		F	03 03 -				
14	NE	eSKS	17 18 14			108°	U.S.C.G.S: 2°N, 126½°E.
	NE	e, iS	20 24			12,000Km	
	N	ePPS	22 14				
	E	iSS	27 15				
	NE	eL	45 -				
	NE	M_1	50 10	E30	9		
				N25	4		
	N	M_2	18 01 12	18	7		
	E	M_2	01 32	20	7		
		F	19 -				

No. 3.

SEISMOLOGICAL BULLETIN

KING'S COLLEGE OBSERVATORY, ABERDEEN

Date	Compt.	Phase	Time G.M.T. h.	m.	s.	Period sec.	Ampl. μ	Δ° km.	Remarks: Time of origin.
Feb.									
18	N	e	23	11	20				U.S.C.G.S: $30\frac{1}{2}^\circ$N, 67°E.
	N	M		23	31	20	4		No L-W record available.
		F		40	-				
21	E	e	23	24	-				U.S.C.G.S: $40\frac{1}{2}^\circ$N, 20°W.
	E	M		28	08	13	1		
	N	e		20					
		F		40					
27	N	$iPKP_1$	21	03	16			159°	U.S.C.G.S: $27\frac{1}{2}^\circ$S, 176°W.
	NE	i		03	24			17670Km	
	NE	$iPKP_2$		03	43				T_o = 20h 43.3m.
	N	iSKP		06	52				
	E	iPP		07	16				
	E	iPPP		10	53				
	E	iSKKS		14	18				
	N	i		17	19				
	N	iPPS		21	19				
	N	iSS		26	54				
	E	iSSS		33	40				
	N	i		36	28				
	N	L		54	35				
	E	L		55	40				
	N	M_1	22	06	41	23	91		
	E	M_1		07	14	23	150		
	N	M_2		11	41	21	76		
	E	M_2		13	30	19	113		
		F	23	57	-				
Mar.									
1	N	iSS	05	02	43			49°	U.S.C.G.S: 65°N, 133°W.
	E	iSSS		03	35			5450Km	
	N	i		08	27				
	E	L		11	00				
	E	M_1		13	34	17	28		
	N	M		13	53	16	31		
	E	M_2		20	35	12	23		
		F		45	-				
3.	E	e	20	51	07				U.S.C.G.S: $71\frac{1}{2}^\circ$N, $4\frac{1}{2}^\circ$W.
	N	i		52	02				Jan Mayen Region
	E	iS		53	19				
	E	L		54	42				
	E	M		55	00	13	9		
	N	M		56	50	15	10		
		F	21	05	-				

No. 4.

SEISMOLOGICAL BULLETIN

KING'S COLLEGE OBSERVATORY, ABERDEEN

Date	Compt.	Phase	Time G.M.T. h. m. s.	Period sec.	Ampl. μ	Δ° km.	Remarks: Time of origin.
Mar. 5	NE	e	19 50 -				Very slight: obscured by shaking of building.
		F	58 -				
6	N	e	11 30 20				Too faint on E-W to measure.
	N	M	59 43	15	3		
		F	12 14 -				
6	N	iSKS	13 57 52			99°	U.S.C.G.S: $9\frac{1}{2}^\circ$N, $122\frac{1}{2}^\circ$E.
	N	ePS	14 00 16			11,000Km	
	N	L	22 -				T_o = 13h 33.7m.
	N	M	29 40	23	11		
	N	M	37 47	15	10		
		F	15 00 -				
10	NE	e	22 20 30				U.S.C.G.S: $13\frac{1}{2}^\circ$S, $173\frac{1}{2}^\circ$W.
	N	M	27 26	20	3		
	E	M	30 16	20	3		
		F	37 -				
14	E	iS	13 32 10			69.3°	U.S.C.G.S: $52\frac{1}{2}^\circ$N, $173\frac{1}{2}^\circ$W.
	N	ePS	32 42			7700Km	
	N	iSS	36 56				T_o = 13h 12.0 m.
	NE	eL	40 20				
	E	M	44 33	15	3		
		F	14 04 -				
18	N	iP	00 17 45			67.7°	U.S.C.G.S: $54\frac{1}{2}^\circ$N, 161°E.
	E	i	18 10			7520Km	
	E	iPP	20 12				T_o = 00h 06m 47s.
	E	iPPP	21 32				
	NE	iS	26 43				
	N	i	27 44				
	E	iSS	31 22				
	N	i	31 45				
	E	eSSS	33 52				
	NE	L	41 32				
	E	M	55 24	14	21		
	N	M	58 30	16	31		
		F	03 55 -				
22	NE	e	02 41 30				U.S.C.G.S: 45°N, 28°W.
	E	M	45 16	15	3		
		F	52 -				
22	E	i	14 22 14			99°	U.S.C.G.S: $8\frac{1}{2}^\circ$S, 92°E.
	E	iPP	22 57			11,000Km	
	E	iSKS	29 32				T_o = 14h 05.2m.
	E	iSKKS	29 50				
	NE	iS	30 32				
	E	iPPS	32 07				
	N	i	35 32				
	E	iSS	37 24				
	E	iSSS	41 24				
	E	L	53 00				
	N	L	56 -				
	E	M	15 00 44	25	43		
	N	M	08 32	20	33		
		F	16 43 -				
27	N	e	15 06 20				B.C.I.S: $30\frac{1}{2}^\circ$N, 92°E.
	E	i	13 08				
	E	M	21 25	14	3		No definite max. on N-S.
		F	30 -				

No. 5.

SEISMOLOGICAL BULLETIN

KING'S COLLEGE OBSERVATORY, ABERDEEN

Date	Compt.	Phase	Time G.M.T. h.	m.	s.	Period sec.	Ampl. μ	Δ° km.	Remarks: Time of origin.
Mar. 28	E	iP	01	03	37			19.8°	U.S.C.G.S: 53°N, 35°W.
	E	iPPP		04	12			2200Km	
	E	iS		07	15				T_o = 00h 59m 08s.
	E	eL		08	20				
	E	M		10	22	15	8		No N-S record (light failed)
		F		29	-				
28	E	i	09	35	12				B.C.I.S: 28½°N, 130°E.
	E	e		57	10				
	E	M	10	07	10	20	6		
		F		21	-				
28	NE	i,e	14	55	40				B.C.I.S: 37.6° N, 22.1°E.
	NE	eL		59	20				
	N	M	15	01	00	16	4		
	E	M		03	28	15	4		
		F		19	-				
31	NE	iP	18	31	12			101.5°	B.C.S.F: 7½°N, 122½°E.
	NE	iPP		35	21			11,280Km	
	E	i		39	14				T_o = 18h 17m 30s.
	NE	i		40	59				
	NE	iSKS		41	50				
	N	iS		43	00				
	NE	iPS		44	40				
	NE	iSS		50	25				
	E	iSSS		54	21				
	NE	eL	19	04	-				
	E	M_Q		12	17	25	261		
	N	M_Q		13	28	23	243		
	E	M_2		15	42	25	304		
	E	M_R		18	24	18	180		
	N	M_R		22	34	17	168		
	E	M	21	51	25	20	11	By path	>180°
	N	M		58	09	17	12		
		F	22	13	-				

Natural Philosophy Department,
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A. E. M. Geddes.

SEISMOLOGICAL BULLETIN

KING'S COLLEGE OBSERVATORY, ABERDEEN

April - June 1955

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

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	18.1 mm.	9/8/54
E	1 lb.	10 sec.	20 : 1	150	18.1 mm.	9/8/54

Date	Compt.	Phase	Time G.M.T. h.	m.	s.	Period sec.	Ampl. μ	Δ° km.	Remarks: Time of origin.
April 1	NE	i	18	47	20				U.S.C.G.S.: 64°N, 21°W
	NE	i		48	42				
	E	i		49	29				
	N	i		51	02				
		F	19	00	30				
4	E	e	11	27	35				U.S.C.G.S.: 22°N, 121°E
	NE	iSKKS		35	00				N 35m 13s
	NE	iPS		36	10				
	NE	e		46	-				
	NE	L		54	-				
	N	M_Q	12	00	15	23	43		
	E	M_Q		00	20	24	55		
	N	M_R		07	57	16	27		
	E	M_R		08	03	16	38		
		F		40	-				
4	N	e	19	57	-				U.S.C.G.S.: 13°N, 87°W
	E	e	20	01	-				
	E	M		10	12	15	3		
		F		27	-				
* 5	NE	e	14	48	-				U.S.C.G.S.: 23°N, 121°E
	NE	M		51	20	25	9		
		F	15	20	-				
5	NE	iS	15	31	20				U.S.C.G.S.: 25°N, 110°W
	NE	i, eSS		36	09				
	NE	e		40	35				
	NE	L		46	-				
	N	M		54	45	15	31		
	E	M		58	34	15	31		
		F	17	17	-				
10	N	e	18	25	15				U.S.C.G.S.: 8°N, 125°E
	E	e		26	10				
	N	e		29	30				
	E	M		33	25	25	9		
	N	M		43	40	20	6		
		F		57	-				

No. 2

SEISMOLOGICAL BULLETIN

KING'S COLLEGE OBSERVATORY, ABERDEEN

Date	Compt.	Phase	Time G.M.T. h. m. s.	Period sec.	Ampl. μ	Δ° km.	Remarks: Time of origin.
April							
13	NE	iS	20 55 57				U.S.C.G.S.: 37½°N, 22°E
	N	i	21 00 44				Southern Greece
	E	i	02 43				
		F	11 -				
14	N	iP	01 40 28				
	E	i	40 58			72.9°	U.S.C.G.S.: 30°N, 101½°E
						8100Km	
	NE	iPP	43 15				T_o = 01h 29m 02s
	NE	iPPP	45 06				
	NE	iS	49 59				E 49m 55s
	N	iSS	54 18				
	NE	iSSS	57 38				
	E	L	02 02 48				N 57m 48s
	N	L	04 09				
	E	M_1	08 08	25	239		
	N	M_1	09 48	20	170		
	E	M_2	13 08	15	145		
		F	04 10 -				
15	NE	iP	03 49 58			50.8°	U.S.C.G.S.: 40°N, 74½°E
	NE	PP	51 53			5645 Km	
	NE	iS	57 13				T_o = 03h 40m 58s
	E	iPS	57 52				
	N	i	04 00 00				
	NE	i	01 08				
	NE	i	04 57				
	N	M	12 11	17	160		
	E	M	15 58	15	145		
		F	- - -				Overlapped
15	E	i	04 26 58				U.S.C.G.S.: 40°N, 75°E
	E	iS	29 53				Aftershock
	N	i	32 23				
	E	iSS	33 23				
	NE	L	40 -				
	N	M	45 42	15	77		
	E	M	48 23	14	66		
		F	06 40 -				
17	N	iP	18 46 43			69.3°	U.S.C.G.S.: 52°N, 159½°E
	NE	iS	55 48			7700 Km	
	N	i	19 01 10				T_o = 18h 45.7m
	E	e	05 -				
	NE	L	12 -				
	N	M	17 36	20	19		
	E	M	24 40	13	14		
		F	20 31 -				
19	NE	iP	16 52 38			23.6°	U.S.C.G.S.: 39½°N, 23°E
	NE	iPP	53 10			2620 Km	Greece
	NE	i	54 29				T_o = 16h 47m 27s
	NE	iS	56 49				
	NE	iSS	57 49				
	NE	L	59 08				
	E	M	17 05 40	13	21		
	N	M	09 23	15	15		
		F	58 -				

No. 3

SEISMOLOGICAL BULLETIN

KING'S COLLEGE OBSERVATORY, ABERDEEN

Date	Compt.	Phase	Time G.M.T. h. m. s.	Period sec.	Ampl. μ	Δ° km.	Remarks: Time of origin.
April 19	E	eP	20 38 06			105° 11,665Km	U.S.C.G.S.: 30°S, 72°W
	NE	ePP	42 49				
	N	iPPP	45 09				T_o = 20h 24.3m
	NE	iSKS	49 00				
	NE	iPS	51 53				
	E	iSS	57 44				
	N	e	21 06 -				
	NE	L	10 -				
	N	M	21 20	17	20		
	E	M	22 14	20	38		
		F	23 47 -				
*20	E	e	02 33 14				U.S.C.G.S.: 30½° S, 72½° W
	NE	i	37 24				
	NE	i	40 22				Aftershock
	E	L	03 05 -				
	E	M	12 10	16	2		
		F	49 -				
20	NE	i	06 07 12				U.S.C.G.S.: 30½° S, 72½° W
	NE	i	13 25				Aftershock
	NE	i	16 20				
	NE	L	36 20				
	E	M	48 36	17	4		
	N	M	53 24	20	3		
		F	08 - -				
21	NE	iP	07 23 40			23.6° 2620Km	U.S.C.G.S.: 39½° N, 23° E
	NE	iPP	24 10				Greece
	NE	iS	27 50				
	NE	L	32 20				T_o = 07h 18.5m
	N	M	35 40	17	14		
	E	M	35 47	12	8		
		F	59 -				
24	N	iS	13 15 45			53° 5890 Km	U.S.C.G.S.: 45°N, 86°E
	N	i	18 15				
	N	iSS	19 20				T_o = 12h 58m 56s
	N	i	23 10				
	N	L	26 45				
		F	14 05 -				
28	NE	e, iS	19 25 46			72° 8000 Km	N, 25m 51s
	NE	eSS	30 26				U.S.C.G.S.: 51°N, 178½°W
	E	eSSS	33 11				
	N	eL	39 -				T_o = 19h 05m 00s
	E	eL	41 -				
	E	M	54 11	20	7		
	N	M	54 14	24	20		
		F	20 55 -				
30	E	e	02 08 30				U.S.C.G.S.: 12°N, 87°W
	N	e	10 -				
	E	M_1	19 13	15	3		
	N	M_1	27 30	17	4		
	E	M_2	30 26	18	4		
		F	03 02 -				
30	E	e	14 50 -				Obscured on N-S by shaking of building.
		F	15 05 -				

No. 4

SEISMOLOGICAL BULLETIN

KING'S COLLEGE OBSERVATORY, ABERDEEN

Date	Compt.	Phase	Time G.M.T. h. m. s.	Period sec.	Ampl. μ	Δ° km.	Remarks: Time of origin.
May 1	N	i	10 10 24				U.S.C.G.S.: 39½°N, 143½°E
	NE	i	12 25				
	NE	i	17 39				
	E	iSS	23 30				
	NE	e	26 09				
	E	eL	33 20				
	N	M	42 14	20	11		
	E	M	42 51	19	24		
		F	11 33 -				
1	NE	i	14 20 56				U.S.C.G.S.: 39½°N, 143½°E
	NE	i	25 47				
							Repetition of the above
	E	eL	37 10				
	N	M	45 40	20	6		
	E	M	46 20	19	10		
		F	15 32 -				
3	E	e	17 52 -				U.S.C.G.S.: 12½°S, 166½°E
	E	M	55 10	19	4		Obscured on both components by shaking of building.
		F	18 10 -				
6	E	i	11 53 19				U.S.C.G.S.: 35½°N, 36°W
	N	i	53 46				
	NE	i	58 28				
		F	12 08 -				
8	E	i	21 49 50				U.S.C.G.S.: 40½°N, 1½°W
	N	i	50 45				Slight
		F	22 06 -				
13	N	i	03 47 03				U.S.C.G.S.: 19½°N, 64°W
	N	i	48 11				
	NE	e	57 13				
		F	04 46 -				
17	NE	i	15 02 50			87°	U.S.C.G.S: 7°N, 94½°E
	E	iPP	05 23			9670 Km	
	E	i	06 13				
	NE	iS	13 06				
	N	iPS	14 10				E 14m 15s
	E	iPPS	14 30				
	E	i	19 57				
	E	M_1	40 20	24	106		
	N	M_1	41 37	25	100		
	N	M_2	46 00	20	85		
	E	M_2	48 40	18	67		
		F	17 49 -				
18	NE	e	06 14 -				U.S.C.G.S.: 23°N, 121½°E
		F	57 -				
19	E	i	03 17 05				U.S.C.G.S.: 66½°N, 17°W
		F	32 -				Nothing readable on N-S
26	N	iPP	16 45 15			131.8°	U.S.C.G.S.: 10°S, 161°E
	NE	iSKP	45 54			14,650Km	
	E	e	55 40				
	NE	e	17 02 24				
	N	e	28 50				
	E	M	46 00	20	4		
	N	M	47 00	20	4		
		F	18 45 -				

SEISMOLOGICAL BULLETIN

KING'S COLLEGE OBSERVATORY, ABERDEEN

Date	Compt.	Phase	Time G.M.T. h. m. s.	Period sec.	Ampl. μ	Δ° km.	Remarks: Time of origin.
May 28	NE	iS	06 44 40				
	NE	i	48 50				
		F	07 05 -				
29	NE	i	13 50 57				U.S.C.G.S.: 56°N, 155°W
	E	e	14 00 46				
	N	e	08 09				
	N	M	13 05	20	6		
	E	M	15 14	20	3		
		F	53 -				
29	N	ePP	15 52 00			98°	U.S.C.G.S: 10½°S, 110½°E.
	E	e	53 24			10,890Km	
	E	iS	59 22				
	N	ePPS	16 01 06				E 01m 14s
	E	i	04 00				
	N	e	08 30				
	E	eL	28 -				
	N	eL	29 -				
	N	M	38 48	22	7		
	E	M	42 00	22	8		
		F	18 19 -				
29	N	i	21 22 46				U.S.C.G.S.: 56°N, 155°W
	N	e	38 20				
	N	M	43 08	16	1		
	E	M	47 14	17	1		
		F	22 06 -				
30	N	iP	12 44 05			93.2°	U.S.C.G.S.: 24½°N, 142½°E
	E	i	47 04			10,360Km	
	NE	iPP	48 00				Deep focus
	NE	iPPP	50 05				
	NE	iSKS	53 40				
	N	iS	54 20				E 54m 15s
	NE	iSS	13 01 08				
	N	L	19 20				
	E	M	22 00	22	10		
	N	M	28 00	17	4		
		F	14 35 -				
30/31	NE	eP	23 47 05			118°	U.S.C.G.S.: 3°S, 137°E
	N	eSKKS	53 50			13,110Km	
	NE	iPS	56 30				
	N	e	00 03 -				
	NE	e	23 25				
	N	M	32 58	20	3		
	E	M	38 55	20	6		
		F	57 -				
June 2	NE	eP	00 30 28			71.3°	U.S.C.G.S.: 51½°N, 180°
	E	i	31 00			7920 Km	
	NE	iS	39 39				
	NE	iSS	44 48				
	E	iSSS	47 48				
	N	L	56 40				
	N	M	01 09 10	22	20		
	E	M	10 44	18	7		
	N	M	02 52 -	20	5		Repetition of first part.
		F	03 27 -				

SEISMOLOGICAL BULLETIN

KING'S COLLEGE OBSERVATORY, ABERDEEN

Date	Compt.	Phase	Time G.M.T. h. m. s.	Period sec.	Ampl. μ	Δ° km.	Remarks: Time of origin.
June 2	NE	e	23 44 24				B.C.I.S.: 39¾°N, 26°E
	NE	eL	49 24				Northern Greece
	N	M	52 09	12	3		
	E	M	56 20	10	2		
		F	24 13 -				
4	NE	e	17 13 20				U.S.C.G.S.: 40°N, 142½°E
	N	eL	35 10				
	E	M_Q	37 07	20	5		
	E	M_R	44 09	17	4		No definite max. on N-S
		F	18 32 -				
5	NE	eS	02 14 00			71.3° 7920 Km	U.S.C.G.S.: 51½°N, 180°
	E	e	24 05				
	N	eL	31 15				
	E	M	45 00	18	2		
	N	M	45 16	15	2		
		F	03 16 -				
5	NE	eS	06 34 28			85° 9445 Km	U.S.C.G.S.: 24½°N, 122°E
	N	M_1	58 58	22	3		T_o = 06h 11.4m
	E	M	07 06 46	16	13		
	N	M_2	06 55	16	10		
		F	31 -				
5	N	iP	15 00 59			21.2° 2355Km	U.S.C.G.S.: 36½°N, 1½°E
	N	eS	04 53				T_o = 14h 56m 14s
	N	i	04 55				
	N	L	07 48				
	N	M	10 03	10	7		
		F	34 -				
7	E	iS	01 10 15			73.9 8210Km	U.S.C.G.S.: 27½°N, 101°E
	E	eSSS	18 08				
	N	e	20 50				T_o = 00h 49.1m
	E	eL	25 -				
	NE	M	32 10	E 15	5		
				N 19	7		
		F	02 09 -				
12	N	i	20 52 15				U.S.C.G.S.: 49°E, 155°E
	N	e	21 10 54				
	N	M	14 54	19	4		No E-W record available
		F	56 -				
14	E	iP	06 23 49			82.0° 9110Km	U.S.C.G.S.: 20°N, 107°W
	NE	ePP	26 53				T_o = 06h 11m 28s
	N	iS	34 03				E °34m 11s
	N	iSS	39 30				
	E	eL	50 10				
	E	M_1	56 33	18	13		
	N	M	57 50	14	11		
	E	M_2	07 01 13	15	24		
		F	08 35 -				
14	E	eS	17 44 28			82° 9110Km	U.S.C.G.S.: 36½°N, 141½°E
	N	ePS	45 13				
	E	e	18 03 -				
	E	M	15 53	20	3		
	N	M	19 13	16	2		
		F	46 -				

No. 7

SEISMOLOGICAL BULLETIN

KING'S COLLEGE OBSERVATORY, ABERDEEN

Date	Compt.	Phase	Time G.M.T. h. m. s.	Period sec.	Ampl. μ	Δ° km.	Remarks: Time of origin.
June 17	NE	e	08 51 15				U.S.C.G.S.: 22°N, 122°E
	E	M_ω	55 10	22	20		
	N	M_ω	55 50	17	8		
	E	M_R	09 02 55	14	3		
	N	M_R	03 05	15	3		
		F	14 -				
18	E	e	16 39 15				U.S.C.G.S.: 24°N, 122°E
	E	M	17 03 16	15	3		
	N	M	03 23	15	2		
		F	13 -				
20	E	e	12 19 10			71.3° 7920Km	U.S.C.G.S.: 51½°N, 180° T_o = 12h 07.6m
	E	iS	28 10				
	E	iPS	28 50				
	E	iSSS	37 00				
	E	M_ω	54 32	18	15		No N-S component available
	E	M_R	13 05 46	19	12		
		F	14 08 -				
23	N	LM	23 00 -				Obscured by shaking of building
			15 -				
27	E	iP	10 23 10			59.0° 6555Km	U.S.C.G.S.: 32°N, 78½°E T_o = 10h 13.2m
	NE	iS	31 16				
	NE	e	42 -				
	N	M	46 16	19	12		
	E	M	47 50	17	7		
		F	11 20 -				
28	N	iP	04 33 40			32.0 3555Km	B.C.I.S.: about 87°N, 75°E T_o = 04h 27m 12s
	NE	iS	38 55				
	NE	e	41 -				
		F	05 14 -				
29	NE	e	05 40 52				
	E	M	50 00	20	3		
	N	M	52 07	15	2		
		F	06 08 -				

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SEISMOLOGICAL BULLETIN

KING'S COLLEGE OBSERVATORY, ABERDEEN

July - September

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.

Compt.	Mass	To	Damping Ratio	Magnification	1" Tilt	Date from which constants apply
N	1 lb.	10 sec.	20 : 1	150	18.1 mm.	9/8/54 and 7/9/55
E	1 lb.	10 sec.	20 : 1	150	18.1 mm.	9/8/54 and 7/9/55

Date	Compt.	Phase	Time G.M.T. h. m. s.	Period sec.	Ampl. μ	Δ° km.	Remarks: Time of origin.
		Corrections					
June 27	E	iP	10 24 08				
	NE	iS	32 14				
	NE	e	43 -				T_o = 10h 14m 08s
	N	M	47 14				
	E	M	48 50				
		F	11 21 -				
28	N	iP	04 34 36				
	NE	iS	39 51				T_o = 04h 28m 08s
	NE	e	42 -				
		F	15 -				
29	NE	e	05 41 48				
	E	M	50 56				
	N	M	53 03				
		F	06 09 -				
July 3	NE	e	14 30 -				U.S.C.G.S.: 37°N, 71°E
		F	37 -				
3	N	iP	14 37 57			71.9° 7990Km	U.S.C.G.S.: 52°N, 178°E
	E	e	38 17				
	NE	iS	47 17				T_o = 14h 26m 36s
	N	i	47 54				
	E	eL	15 05 44				
	E	M	12 00	16	2		
		F	16 46 -				
4	E	eP	14 31 20			71.0° 7890Km	U.S.C.G.S.: 51½°N, 177°E
	E	iS	40 34				
	E	i	42 09				T_o = 14h 20.1m
	E	M	15 04 57	20	3		
		F	Obscured				
6	N	iP	02 05 31			70.3° 7810Km	U.S.C.G.S.: 51°N, 158°E
	N	i	10 04				
	NE	i, eS	14 40				T_o = 01h 54.4m
	E	e	23 44				
	N	eL	31 -				
	E	eL	33 02				
	N	M	40 51	19	5		
	E	M	42 54	20	5		
		F	03 26 -				

No. 2

SEISMOLOGICAL BULLETIN

KING'S COLLEGE OBSERVATORY, ABERDEEN

Date	Compt.	Phase	Time G.M.T. h. m. s.	Period sec.	Ampl. μ	Δ° km.	Remarks: Time of origin.
July 8	E	e	19 19 05				U.S.C.G.S.: 20½°S, 179½°W
	NE	e	27 00				
	NE	i	27 35				
	NE	e	40 -				
	F		49 -				
10	NE	i	00 03 00				U.S.C.G.S.: 40½°N, 22°E
	E	i	06 54				
	N	i	07 04				
	F		18 -				
10	N	e	04 31 -				
	F		37 -				
10	NE	e	15 39 -				U.S.C.G.S.: 20°S, 175½°W
	E	M	50 54	18	3		
	N	M	54 54	15	1		
	F		16 31 -				
11	N	ePPP	20 35 04			59.0° 6555Km	U.S.C.G.S.: 1½°N, 13°W
	NE	iS	39 32				
	E	e	46 -				
	E	M	51 58	17	4		
	N	M	56 54	20	3		
	F		21 15 -				
14	N	i	10 12 58				U.S.C.G.S.: 8½°S, 94°E
	N	e	38 -				
	N	M	50 42	18	3		
	F		11 20 -				
16	NE	iP	07 12 59			27.7° 3080Km	B.C.I.S.: 37°N, 27.5°E
	NE	iPP	13 44				T_o = 07h 07m 12s
	NE	iS	17 44				
	N	i	18 48				
	N	L	22 00				
	NE	M	24 44	10	E 127) N 140)		
		F	Lost during changing of chart				
17	N	e	22 37 -				
	F		54 -				
19	NE	e	09 16 -				U.S.C.G.S.: 40°N, 68°E
	F		27 -				
20	NE	e	00 12 -				U.S.C.G.S.: 56½°N, 153°W
	E	e	22 56				
	N	M	32 11	20	6		
	F		01 03 -				
23	E	e	14 49 -				U.S.C.G.S.: 9½°N, 122½°E
	NE	M	15 01 04	15	3		
	F		18 -				
24	NE	e	16 56 -				U.S.C.G.S.: 24°N, 122°E
	E	M	17 08 00	22	7		
	N	M	08 21	22	5		
	F		34 -				

ISMOLOGICAL BULLETIN

KING'S COLLEGE OBSERVATORY, ABERDEEN

Date	Compt.	Phase	Time G.M.T. h. m. s.	Period sec.	Ampl. μ	Δ° km.	Remarks: Time of origin.
July 26	NE	iS	04 23 40				U.S.C.G.S.: 56½°N, 153°W
	E	i	29 28				
	NE	e	35 40				
	N	M	47 522	16	2		
	E	M	54 49	15	1		
		F	05 20 -				
27	NE	eL	02 03 02				U.S.C.G.S.: 34°N, 134°E
	N	M	12 59	15	1		
	E	M	14 20	10	2		
		F	43 -				
27	NE	i, eP	18 29 50			64.0° 7110Km	U.S.C.G.S.: 56½°N, 153°W
	NE	ePPP	33 30				
	NE	iS	38 30				
	N	i	42 41				
	E	L	51 40				
	N	M_1	57 53	19	10		
	N	M_2	19 02 34	14	9		
	E	M	04 15	13	8		
		F	20 15 -				
August 1	E	e	04 17 -				U.S.C.G.S.: Sandwich Islands
	N	e	19 50				
	N	M	22 42	15	1		
		F	28 -				
3	E	e	17 45 -				U.S.C.G.S.: Eastern Tibet
	N	e	46 -				
	NE	M	47 00	20	2		
		F	58 -				
4	N	e	07 18 50				U.S.C.G.S.: 30½°N, 86½°E Tibet
	E	i	23 00				
		F	33 -				
6	E	iPKP	08 50 06			144° 16000Km	U.S.C.G.S.: 22½°S, 177½°W
	N	iPKP	50 18				
	NE	iPP	53 33				
	E	iSKKS	09 01 38				Deep focus
	N	i	02 08				
	NE	iPPS	05 08				
	E	iSS	14 18				
		F	10 30 -				
14	E	e	17 07 30				U.S.C.G.S.: 33°S, 179°W
	E	i	08 30				Obscured on N-S by shaking of building.
	E	e	17 45				
		F	18 44 -				
16	NE	e	04 10 -				
		F	05 35 -				
16	E	i	12 07 33				U.S.C.G.S.: 6°S, 155°E
	N	ePP	07 43			126° 14000Km	
	E	iPPP	10 30				
	N	iSKS	12 36				T_o = 11h 46m 39s
	N	iSKKS	14 23				
	NE	iS	15 25				
	E	iSS	24 33				
	E	iSSS	28 35				
		F	Indefinite				

No. 4

SEISMOLOGICAL BULLETIN

KING'S COLLEGE OBSERVATORY, ABERDEEN

Date	Compt.	Phase	Time G.M.T. h. m. s.	Period sec.	Ampl. μ	Δ° km.	Remarks: Time of origin.
August							
21	NE	iPP	17 54 23			117.3°	U.S.C.G.S.: 3°S, 137½°E
	NE	iSKS	59 43			13050Km	
	NE	iSKKS	18 00 55				T_o = 17h 34.1m
	NE	iPS	03 34				
	NE	eSS	10 43				
	E	eSSS	14 43				
	NE	e	28 -				
	E	L	31 28				
	N	M	39 09	23	15		
	E	M	39 51	24	32		
		F	19 54 -				
23	E	eSS	15 57 30				U.S.C.G.S: 43½°N, 128°W
	NE	e	16 01 07				
	N	M	11 43	16	4		
	E	M	13 47	18	4		
		F	2, -				
26	NE	e	10 29 40				
	N	M	34 52	20	3		
	E	M	41 50	17	2		
		F	53 -				
28	E	e	13 50 55				B.C.I.S.:36½°N, 27½°E
	N	e	53 45				
	N	M	58 38	11	1		
	E	M	14 00 52	11	1		
		F	14 -				
28	E	iP	20 25 30			79.2°	U.S.C.G.S.: 14°N, 91°W
	NE	iPP	27 26			8800Km	
	E	iPPP	30 35				T_o = 20h 13m 27s
	E	i	35 14				
	N	iS	35 30				
	N	iSS	39 54				
	N	eSSS	44 20				
	N	eL	50 34				
	N	M	57 29	21	18		
		F	22 35 -				
September							
1	E	e	18 10 -				Very slight
		F	28 -				U.S.C.G.S.: 10°N, 84½°W
3	E	e	05 54 -				U.S.C.G.S.: 18½°N, 70°W
		F	59 -				
3	E	iP	12 48 11			77.0°	U.S.C.G.S.: 14°N, 91°W
	N	e	48 32			8555Km	
	E	iPP	51 26				T_o = 12h 36m 19s
	N	i	57 43				
	E	iS	57 58				
	E	iSS	13 03 20				
	NE	iSSS	06 38				
	N	i	10 01				
	E	L	15 40				
	E	M	24 25	17	20		
	N	M	26 40	17	4		
		F	14 56 -				

No. 5

SEISMOLOGICAL BULLETIN

KING'S COLLEGE OBSERVATORY, ABERDEEN

Date	Compt.	Phase	Time G.M.T. h. m. s.	Period sec.	Ampl. μ	Δ° km.	Remarks: Time of origin.
Sept. 3	N	i	16 36 37			118.8°	U.S.C.G.S.: 1°N, 123°E
	E	iP	36 53			13,200Km	
	NE	iSKS	47 22				T_o = 16h 21.7m
	E	iS	49 39				
	NE	iPS	51 42				
	E	e	17 04 38				
	N	e	05 23				
	NE	e	19 35				
	E	M	29 10	17	5		
	N	M	29 40	17	4		
		F	18 11 -				
5	NE	e	02 41 50				
	N	M	44 55	12	1		
		F	56 -				
8	N	iPPP	02 24 40				U.S.C.G.S.: Sandwich Islands region
	N	eSKKS	29 45				
	E	i	31 22				
	N	iPPS	33 10				
	NE	i	39 33				
	E	L	03 02 05				
	N	L	03 45				
	E	M	09 32	20	4		
	N	M	09 35	20	3		
		F merges in the following shock					
8	E	e	04 18 20				
	N	e	19 25				
	E	M	46 25	20	3		
	N	M	47 15	20	3		
		F	05 59 -				
11	N	iPPP	18 28 18				U.S.C.G.S.: 7°S, 155°E
	E	i	33 00				
	N	i	36 40				
	N	i	37 40				
	N	i	41 45				
	N	e	53 -				
	E	e	56 -				
	E	e	19 05 30				No definite maximum
		F	20 15 -				
12	E	eP	06 15 52			32.9°	U.S.C.G.S.: 32½°N, 30°E
	N	i	16 14			3655Km	Egyptian shock
	E	i	16 19				
	E	iPPP	17 14				
	NE	iS	21 13				N 21m 09s
	NE	iSS	23 30				
	NE	i	24 49				T_o = 06h 09m 16s
	NE	L	26 40				
	E	M	30 24	23	11		
	N	M	31 52	25	17		
		F	51 -				
15	E	iSKKS	12 57 23			117.8°	U.S.C.G.S.: 5°S, 134½°E
	NE	iS	58 16			13090Km	
	NE	ePS	13 00 20				
	E	iSS	07 07				
	NE	e	18 35				
	NE	e	25 -				
	NE	M	42 25	20	4		
		F	14 08 -				

SEISMOLOGICAL BULLETIN

KING'S COLLEGE OBSERVATORY, ABERDEEN

Date	Compt.	Phase	Time G.M.T. h. m. s.	Period sec.	Ampl. μ	Δ° km.	Remarks: Time of origin.
Sept. 20	E	i	13 46 20				U.S.C.G.S.: 32°S, 178°W
	E	eL	14 45 24				
	NE	e	15 01 20				
	E	M	21 07	16	2		
	N	M	31 20	16	2		
		F	45 -				
.22	N	i	03 45 06				U.S.C.G.S.: 24°N, 123°E
	E	iSKS	48 19			86.9°	
	N	iS	48 32			9660Km	
	E	i	49 34				
	N	i	49 43				
	N	i	53 40				
	N	iSS	54 44				
	NE	eL	04 06 30				
	E	M	13 17	22	70		
	N	M	13 26	23	79		
		F	05 10 -				
23	NE	iS	15 27 37			74.5°	U.S.C.G.S.: 27°N, 101½°E
	NE	iSS	32 30			8280Km	
	N	iSSS	36 18				T_o = 15h 06m 20s
	E	i	40 55				
	NE	L	47 25				
	N	M_1	49 30	17	46		
	E	M_1	53 54	16	75		
	N	M_2	54 06	14	33		
		F	16 56 -				
24	NE	iS	10 45 00			88.5°	U.S.C.G.S.: 22°N, 122°E
	NE	iSS	50 58			9835Km	
	E	iSSS	54 24				T_o = 10h 21m 41s
	NE	L	11 05 -				
	E	M	10 12	22	23		
	N	M	10 33	22	23		
		F	12 05 -				
25	N	iPPP	19 20 08			104.6°	U.S.C.G.S.: 6°N, 127½°E
	E	iSKS	24 02			11,620Km	T_o = 18h 59m 24s
	NE	iSKKS	25 11				
	N	iSS	33 14				
	NE	L	52 30				
	E	M	20 01 12	25	4		
		F	25 -				
26	N	iP	08 40 09			78.3°	U.S.C.G.S.: 15½°N, 92½°W
	E	i	40 51			8700Km	T_o = 08h 28.2m
	E	iPPP	44 41				
	NE	i	49 30				
	E	iS	50 06				
	E	iSS	54 57				No definite maximum
		F	09 45 -				

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SEISMOLOGICAL BULLETIN

KING'S COLLEGE OBSERVATORY, ABERDEEN

October - December, 1955

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.

Compt.	Mass	To	Damping Ratio	Magnification	1" Tilt	Date from which constants apply
N	1 lb.	10 sec.	20 : 1	150	18.1 mm.	7/9/55
E	1 lb.	10 sec.	20 : 1	150	18.1 mm.	7/9/55

Date	Compt.	Phase	Time G.M.T. h. m. s.	Period sec.	Ampl. μ	Δ° km.	Remarks: Time of origin.
Oct. 6	N	i	11 27 15				U.S.C.G.S.: 36°S, 70°W. Readings uncertain due to shaking of building.
	E	iSKS	28 00				
	E	iPS	31 25				
	N	i	37 00				
	E	M	45 10	20	3		
		F	12 07 -				
9	E	e	18 46 10				U.S.C.G.S.: 5°S, 153°E
	N	e	49 10				
		F	19 10 -				
10	N	ePP	09 18 34			125.3° 13920Km	U.S.C.G.S.: 5°S, 153°E
	N	iSKS	24 11				
	N	iSKKS	25 45				
	N	iPS	28 33				
	N	iSS	36 08				
	N	iSSS	40 18				
	N	L	54 -				
	E	L	58 -				
	E	M_1	10 04 53	26	95		
	N	M_1	08 34	25	100		
	E	M_2	13 43	20	55		
	N	M_2	14 48	20	82		
		F	12 19 -				
13	NE	iSKP	09 49 21				U.S.C.G.S.: 9½°S, 161°E
	NE	i	10 00 45				
	N	e	30 20				
	E	e	32 50				
	E	M	41 16	25	11		
	N	M	44 26	25	4		
		F	11 40 -				
13	NE	e	18 36 30				U.S.C.G.S.: 24°N, 121°E
	NE	M	45 56	15	2		
		F	52 -				
19	N	eL	10 30 -				U.S.C.G.S.: 49½°N, 155°E Obscured by microseisms and by shaking of building.
	N	M	40 00	20	7		
	E	M	45 25	20	7		
		F	58 -				
21	N	iPKP	19 21 06			144° 16000Km	U.S.C.G.S.: 21°S, 179°W
	E	i	21 13				
	E	iPP	25 08				

No. 2

SEISMOLOGICAL BULLETIN

KING'S COLLEGE OBSERVATORY, ABERDEEN

Date	Compt.	Phase	Time G.M.T. h.	m.	s.	Period sec.	Ampl. μ	Δ° km.	Remarks: Time of origin.
Oct. 21(contd)									
	N	i		25	22				
	N	i		32	50				
	E	e		47	30				
	N	eSSS		48	50				No surface waves: deep focus
		F	20	05	-				
21/22	NE	eSKS	23	34	52			108°	U.S.C.G.S.: 1/2°S, 123 1/2°E
	NE	iPS		38	12			12100Km	
	E	i		40	02				T_o = 23h 09m 44s
	N	eSS		44	-				
	E	eSSS		48	-				
	E	M_1	24	05	52	30	13		
	N	M		06	42	26	13		
	E	M_2		13	50	25	9		
		F		59	-				
31	N	e	01	45	-				U.S.C.G.S.: 52°N, 175 1/2°W
	E	e		52	45				
	N	M		53	47	20	3		
		F	02	05	-				
Nov. 10	NE	iPKP	02	03	30			138°	U.S.C.G.S.: 15°S, 174°W
	N	iPP		06	09			15340Km	
	NE	iSKP		06	57				T_o = 01h 44m 03s
	N	i		07	06				
	E	isPP		08	39				Deep focus
	N	iPSKS		16	17				
	NE	iSS		24	12				
	NE	eL	03	01	40				
	E	M		11	59	18	2		
		F		34	-				
12	N	i	05	45	55			40.5°	U.S.C.G.S.: 26°N, 35°E
	E	iS		46	15			4500Km	
	N	iSS		48	42				T_o = 05h 32m 16s
	E	e		52	50				
		F	06	22	-				
15	NE	iS	10	26	24			65.5°	U.S.C.G.S.: 55 1/2°N, 155°W
	E	e		28	24			7280Km	T_o = 10h 06.9m
	N	eL		42	-				
	E	L		42	40				
	NE	M		49	02	E 15	4)		
						N 18	11)		
		F	11	00	-				
17	E	i	07	16	40			100.5°	U.S.C.G.S.: 26 1/2°S, 69°W
	NE	e, iSKS		17	44			11170Km	
	NE	iPS		20	24				T_o = 06h 53m 34s
	NE	iSS		26	04				
	NE	eSSS		29	25				
	N	eL		37	55				
	E	eL		39	35				
	N	M		47	03	23	5		
	E	M		48	09	24	8		
		F	08	36	-				

No. 3

SEISMOLOGICAL BULLETIN

KING'S COLLEGE OBSERVATORY, ABERDEEN

Date	Compt.	Phase	Time G.M.T. h.	m.	s.	Period sec.	Ampl. μ	Δ° km.	Remarks: Time of origin.
Nov. 22	E	ePP	03	46	-				U.S.C.G.S.: 24½°S, 123°W
	E	i	04	03	34				
	E	i		09	40				
	E	e		33	44				No N-S record available
	E	M_1		38	50	15	2		
	E	M_2		45	50	15	2		
		F		52	-				
23	N	iP	06	40	47			71°	U.S.C.G.S.: 50½°N, 157°E
	E	iPP		43	49			7890Km	
	N	i		45	34				T_o = 06h 29.7m
	NE	iS		49	58				
	NE	iPS		50	55				
	E	iSS		54	49				
	E	iSSS		57	46				
	N	e	07	04	50				
	E	L		07	50				
	N	M		18	41	20	36		
	E	M		20	12	18	29		
		F	08	05	-				
Dec. 6	N	eLM	05	15	-40				Very slight
7	E	i	15	18	43			94.5°	U.S.C.G.S.: 26½°N, 142½°E
	NE	iSKS		27	27			10,500Km	
	NE	i		28	38				
	E	iPS		29	38				T_o = 15h 03.7m
	E	iSS		34	40				
	N	e		37	58				
	E	L		49	28				
	NE	M_1		55	04	20	14E) 11N)		
	N	M_2	16	05	18	17	16		
	E	M_2		07	43	17	14		
		F		39	-				
14	N	e	11	29	45				
	E	e		30	45				Obscured by microseisms
	N	M		35	46				
	E	M		36	45				
		F		45	-				
19	E	e	04	10	40				U.S.C.G.S.: 8½°N, 127°E
	N	e		11	35				
	E	M		19	35	18	4		
	N	M		21	40	15	2		
		F		43	-				

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