SEISMOLOGICAL BULLETIN

KING'S COLLEGE OBSERVATORY, ABERDEEN

No.1

January - March, 1954

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.	15/7/53
E	1 lb.	10 sec.	20 : 1	150	18.1 mm.	15/7/53

Date	Compt.	Phase	Time G.M.T. h.	m.	s.	Period sec.	Ampl. μ	Δ° km.	Remarks: Time of origin.
Jan. 2	N	i	01	29	40				Very slight
		F		37	-				
4	N	i	13	08	18				
	N	M		08	44	20	3		
		F		15	-				
9	N	e	01	33	-				? seismic
		F		51	-				
11	N	e	17	55	45				U.S.C.G.S.: 23°N, 126°E
	N	M		59	43	18	4		
		F	18	14	-				
12	N	iPKP	14	40	52			170°	U.S.C.G.S.: 49°S, 165°E
	N	$iPKP_2$		41	45			18900Km	
	N	iSKKS		52	35				T_o = 14h 20.6 m
	N	i	15	02	00				
	N	iSS		06	26				
	N	eL		52	-				
	N	M	16	01	32	20	19		
		F		52	-				
12/13	N	i	23	57	50				
	N	i	00	13	34				
		F		36	-				
13	N	iPP	00	38	32			170°	U.S.C.G.S.: 49°S, 165°E
	N	iPPP		42	20			18900Km	
	N	i		48	42				
	N	iSS		58	46				
	N	iSSS	01	05	-				
	N	eL		31	-				
	N	M		45	15	23	21		
		F		53	-				
23	N	e	16	34	-				
	N	M		39	-	16	4		
		F	Obscured by shaking of building						
Feb. 1	N	eP	01	20	33			94.0°	U.S.C.G.S.: $24\frac{1}{2}^{0}$N, $142\frac{1}{2}^{0}$L.
	N	i		20	43			10450Km	
	N	iPP		24	07				T_o = 01h 07.1m.
	N	iSKS		30	47				

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.
Feb.							
1	N	iS	31 36				
	N	iPS	32 43				
	N	iSS	37 49				
	N	iSSS	41 50				
	N	L	52 30				
	N	M_Q	59 58	21	33		
	N	M_R	02 03 09	19	29		
		F	03 48 -				
1	N	e	05 12 -				U.S.C.G.S.: 24°N, 142½°E.
		F	18 -				Very slight
2	N	eS	17 55 50				U.S.C.G.S.: 83°N, 7°W.
	N	i	58 12				
	N	M	18 01 47	16	3		
		F	04 -				
5	N	iPPP	09 43 10				U.S.C.G.S.: 4½°S, 153°E.
	N	iS	48 33				
	N	i	10 03 40				
	N	e	11 50				
	N	eL	19 30				
	N	M	35 00	18	9		
		F	50 -				
5	N	e	15 54 -				U.S.C.G.S.: 17½°N, 92½°W
		F	16 06 -				Very slight
9	N	e	23 42 -				
		F	Doubtful owing to shaking of building				
11	N	iP	00 40 57			64.0°	U.S.C.G.S.: 39½°N, 101°E
	N	iPPP	44 33			7110Km	
	N	iS	49 33				
	N	iPS	49 51				T_o = 00h 30.3m
	N	i	00 50 52				
	N	iSS	53 59				
	N	iSSS	56 15				
	N	L	59 59				
	N	M_Q	01 05 43	19	288		
	N	M_R	11 21	18	267		
		F	02 33 -				
15	N	e	15 54 -				Very slight
		F	16 06 -				
19	E	eS	01 03 26				
	N	i	08 21				
	N	iSS	09 46				
	E	i	10 56				
	N	iSSS	12 46				
	E	L	18 06				
	E	M	20 26	20	41		
	N	M	24 57	20	16		
		F	02 - -				
19	NE	e	20 28 45				
	NE	M	39 39	N20 E20	27 16		
		F	21 35 -				

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. 19	E	e	21 58 -				
	E	e	22 11 -				
	E	M	15 07	24	39		No definite maximum on N-S
	N	e	16 30				
		F	49 -				
20	N	i	18 56 47				
	N	iSKS	58 51				
	NE	i	19 02 51				
	NE	e	12 50				
	E	L	28 -				
	E	M	34 32	25	.15		
	N	M	34 49	23	13		
		F	55 -				
22	N	e	12 31 -				U.S.C.G.S.: $66\frac{1}{2}^\circ$S, $26\frac{1}{2}^\circ$W.
	N	i	34 12				Very slight
		F	41 -				
23	N	e	07 14 50				U.S.C.G.S.: $28\frac{1}{2}^\circ$N, $91\frac{1}{2}^\circ$E.
	E	M	23 47	20	6		Partially obscured by shedding
	N	M	24 10	20	6		of building.
		F	37 -				
28	E	e	01 38 -				U.S.C.G.S.: 27°N, 131°E.
	N	e	42 -				
	E	M	43 47	25	13		
	N	M	49 07	23	11		
		F	02 04 -				
Mar. 3	N	i	06 21 22			122.4°	U.S.C.G.S.: $5\frac{1}{2}^\circ$S, $142\frac{1}{2}^\circ$E
	N	iPKP	21 46			13,600Km	
	N	iPP	23 33				
	N	iPPP	25 57				T_o = 06h 02m 56s.
	N	i	33 22				
	N	iSS	39 57				
	N	iSSS	45 07				
	N	e	49 56				
	N	i	54 04				
	N	M	07 08 33	20	19		
		F	08 45 -				
8	N	i	08 30 25				U.S.C.G.S.: 38°N, $20\frac{1}{2}^\circ$W.
	E	i	31 55				
		F	41 -				Very slight
9	E	i	02 32 41			60°	U.S.C.G.S.: $1\frac{1}{2}^\circ$N, $30\frac{1}{2}^\circ$W.
	N	iPP	33 54			6670Km	
	N	i	36 28				T_o = 02h 21.6m
	NE	iS	40 17				
	E	iSS	44 04				
	N	i	47 00				
	N	M	51 47	11	10		
	E	M	51 56	10	12		
		F	03 22 -				

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. 9	E	e	06	12	55				U.S.C.G.S.: 50°N, 157°E.
	N	e		16	05				
	N	e		19	55				
	E	e		20	25				
	E	M		29	54	20	6		
	N	M		31	45	17	8		
		F		56	-				
14	E	e	10	04	40				U.S. C.G.S.: 16°S, 179°W.
	N	e		10	55				
	E	e		12	46				
	N	M		22	54	20	3		
	E	M		23	42	17	2		
		F		42	-				
14	N	e	18	28	00				U.S.C.G.S.: 51½°N, 160°E.
	E	e		28	35				
	E	M		34	48	18	2		
	N	M		34	56	16	2		
		F	19	03	-				
19	N	e	10	17	47				
	E	i		19	18				
	N	e		22	15				
	NE	L		30	55				
	N	M		36	35	15	16		
	E	M		37	35	16	13		
		F	11	20	-				
21/22	NE	iP	23	53	29			71.1°	
	NE	ipP		54	15			7900Km	
	E	isP		54	29				T_o = 23h 42.3m
	E	iPP		56	16				
	E	i		56	59				
	NE	iS	24	02	45				
	NE	iSS		07	45				
	N	i		11	15				
	N	L		16	02				
	N	M		22	59	20	110		
	E	M		23	15	20	88		
		F	26	45	-				
28	N	iP	20	47	51			71.0°	U.S.C.G.S.: 52°N, 176°E
	N	i		49	01			7890Km	
	NE	iS		57	08				N 57m 12s
	NE	iSS	21	01	51				E 01m 56s
	N	i		05	33				T_o = 20h 36m 32s
	N	e		10	48				
	E	e		15	08				
	NE	M		23	28	N 18	12		
						E 17	8		
		F	22	19	-				
29	E	e	04	46	45				U.S.C.G.S.: 19½°N, 121½°E
	N	e		47	05				
	E	M		58	37	17	12		
	N	M		58	45	18	12		
		F	05	11	-				

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. 29	N	iP	06	21	03				U.S.C.G.S.: 37°N, 3½°W
	N	i		21	17				E e 21m 23s
	NE	iS		23	45				Deep focus.
	NE	i		26	25				Max. displacement on N-S
	N	M		28	59	10	47		occurs at 24m 30s and is
	E	M		31	22	8	118		8mm. Period doubtful.
		F	08	34	-				
31	NE	iP	18	36	22			63.6°	
	NE	i		37	06			7065Km	
	N	iPP		38	48				T_o = 18h 25m 55s.
	E	iPPP		40	01				
	NE	iS		44	56				
	NE	iSS		49	08				
	N	iSSS		51	19				
	N	i		54	48				
	E	M	19	04	13	25	174		
	N	M		11	30	18	89		
		F	20	30	-				

Natural Philosophy Department,
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A. E. M. Geddes

SEISMOLOGICAL BULLETIN

No. 1

KING'S COLLEGE OBSERVATORY, ABERDEEN

April - June, 1954

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.	15/7/53
E	1 lb.	10 sec.	20 : 1	150	18.1 mm.	15/7/53

Date	Compt.	Phase	Time G.M.T. h. m. s.	Period sec.	Ampl. μ	Δ° km.	Remarks: Time of origin.
April							
1	N	i	18 36 46				U.S.C.G.S.: 46½°N, 153½°E
	N	iS	39 57				
	N	iSSS	46 46				
	NE	e	19 06 26				
	E	M	07 50	15	2		
		F	45 -				
							U.S.C.G.S.: 23°S, 67½°W
5	N	e	20 03 -				No trace on E-W Component
		F	20 -				
11	E	e	10 42 17				U.S.C.G.S.: 12°N, 58°E
	N	iS	44 36				
	E	iPS	45 04				
	NE	iSS	48 52				
	N	iSSS	51 19				
	E	eL	54 39				E 51m 36s.
	N	L	56 06				
		F	Lost in succeeding shock.				
11	E	e	11 02 06				U.S.C.G.S.: 37°N, 70½°E
	E	i	02 46				
	N	iPPP	04 36				
	E	i	05 48				
	E	M	15 08	13	6		
		F	47 -				
17	N	iP	20 22 03			71.5° 7945 Km	U.S.C.G.S.: 51½°N, 179°W
	N	iPP	24 49				
	NE	iS	31 20				T_o = 20h 10m 46s
	NE	iSS	35 55				
	N	iSSS	39 03				E 39m 10s
	NE	e	41 47				
	E	eL	46 47				
	N	L	47 42				
	E	M	55 57	14	9		
	N	M	56 58	17	18		
		F	22 24 -				
25	N	i	00 40 38			57° 6335 Km.	U.S.C.G.S.: 0° 15½°W
	NE	e, iS	46 01				
	NE	eSS	49 47				
	E	eL	53 -				
	N	eL	55 47				
	E	M	59 48	20	8		
	N	M	01 06 57	18	11		
		F	52 -				

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 25	E	e	21 12 -				
	N	e	14 -				
	N	M	16 57	15	2		
	E	M	18 00	15	2		
		F	27 -				
26	N	iP	20 35 55			69.4°	U.S.C.G.S.: 51°N, 158½°E
	NE	iS9	45 01			7710 Km	
	N	i	48 17				T_o = 20h 24m 47s
	E	e	53 40				
	N	eL	21 01 07				
	E	eL	03 47				
	E	M	11 46	20	6		
	N	M	14 04	20	6		
		F	50 -				
27	NE	iS	10 28 38			79°	U.S.C.G.S.: 6°N, 82½°W
	E	e	33 48			8780 Km	
	N	eL	40 38				
	E	L	43 58				
	E	M	48 05	22	7		No readable maximum on N-S
		F	11 26 -				
27	N	i	21 55 00				
	E	i	57 00				
	N	iSS	22 06 18				
	N	eL	42 48				
	N	M	23 00 00	22	8		
	E	M	03 00	18	4		
		F	39 -				
29	N	i	11 06 00			75.7°	U.S.C.G.S.: 29½°N, 112½°W
	E	i	06 08			8410 Km.	
	NE	iS	11 28				
	E	iSS	16 01				
	E	L	28 30				
	N	L	29 30				
	N	M	33 17	19	40		
	E	M	34 17	17	32		
		F	Lost in succeeding shock				
29	N	iS	11 56 01			75.7°	U.S.C.G.S.: 29½°N, 112½°W
	N	iSS	12 01 08			8410 Km.	
	E	i	04 28				T_o = 11h 34m 35s
	N	i	06 50				
	E	i	09 08				
	N	i	10 11				
	E	L	13 00				
	E	M_1	15 56	20	164		
	E	M_2	17 33	17	140		
	N	M	17 53	13	91		
		F	14 39 -				
30	NE	iP	13 07 52			24.2°	U.S.C.G.S.: 39½°N, 22°E
	NE	i	08 58			2690 Km.	
	NE	iS	12 08				
	N	iSS	13 08				T_o = 13h 02m 36s
	NE	L	16 30				
	E	M_1	17 48	15	335		
	N	M_1	18 38	18	484		
	E	M_2	18 46	15	355		
	N	M	18 53	18	533		
		F	14 45 -				

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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							
30	N	e	19 47 30				
	N	i	51 00				
		F	57 -				
30	N	i	23 18 08			57°	U.S.C.G.S.: ½°N, 19°W
	N	i	22 49			6340 Km	
	N	i	25 38				
	N	i	30 08				
	N	L	35 08				
	N	M	23 37 15	20	8		
	N	M	45 00	16	14		
		F	24 30 -				
May							
1	N	e	21 08 40				U.S.C.G.S.: 36½°N, 26°E
	E	e	09 00				
	N	M	10 51	12	2		
		F	23 -				
2	E	i	18 37 00				U.S.C.G.S.: 4°N, 94½°E
	N	i	37 30				
	E	M	43 59	20	3		
		F	19 06 -				
3	E	iS	15 50 09			70.5°	U.S.C.G.S.: 51½°N, 159½°E
	E	iPS	50 49			7840 Km	
	N	iSS	54 54				T_o = 15h 29m 41m
	NE	i	16 04 44				
	NE	eL	11 -				
	N	M	17 23	19	12		
	E	M	20 09	15	13		
		F	57 -				
4	N	iS	16 52 52				U.S.C.G.S.: 40°N, 21°E
	E	e	52 59				
	NE	L	58 19				
	E	M	17 00 29	11	8		
	N	M	01 12	13	10		
		F	18 -				
5	E	e	13 36 00				U.S.C.G.S.: 27½°N, 112½°W
	NE	i,e	39 09				
	E	eL	45 10				
	N	L	49 00				
	E	M	56 16	15	21		
	N	M	57 38	16	18		
		F	14 34 -				
9	N	iP	14 17 59			15.1°	U.S.C.G.S.: 71°N, 12°W
	N	i	18 22			1680 Km	
	N	eS	20 56				T_o = 14h 14m 25s
	N	i	14 23 15				
	N	L	24 30				
	N	M	25 41	9	7		
13	E	e	15 03 50				
	N	i	04 55				U.S.C.G.S.: 17°N, 95½°W
	NE	iS	08 25				
	E	iSS	13 07				
	N	iSSS	15 58				
	E	eL	23 30				
	E	M	27 18	26	28		No definite maximum on N-S
		F	16 05 -				

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 14	NE	iP	22 51 20			80.6°	U.S.C.G.S.: 36°N, 137°E
	NE	e,i	55 43			8895 Km	
	NE	i	57 38				T_o = 22h 39m 39s
	NE	iS	23 01 02				
	NE	i	01 52				
	N	iSS	06 21				
	NE	i,eSSS	09 53				
	NE	L	19 -				
	E	M	23 06	22	6		
	N	M	28 58	15	3		
		F	24 11 -				
15	E	e	12 38 30				
	E	M	40 53	15	2		
	N	M	41 15	13	2		
		F	57 -				
19	N	i	09 41 11				U.S.C.G.S.: 46½°N; 7½°E
	E	i	41 26				
	NE	i	43 40				
		F	55 -				
20	E	e	00 02 57				U.S.C.G.S.: 5°S, 151°E
	N	e	14 52				
	E	L	17 42				
	N	M	22 57	17	2		
	E	M	24 07	17	2		
		F	43 -				
23	NE	e	07 35 -				U.S.C.G.S.: 3½°N; 124°E
	NE	e	46 30				
	NE	M	51 46	25	4		
		F	08 15 -				
25	NE	iP	22 08 49			24.6°	B.C.I.S.: 40°N; 227¼°E
	NE	iS	13 09			2735 Km	
	NE	iSS	14 13				T_o = 22h 03m 31s
	NE	e	17 30				
	E	M_1	18 52	18	7		
	N	M_1	19 16	12	5		
	E	M_2	20 46	11	6		
		F	47 -				
26	NE	e	02 03 48				U.S.C.G.S.: 51½°N; 159½°E
	E	e	20 42				
	N	e	24 -				
	N	M_1	29 00	18	2		
	E	M_1	31 07	18	2		
	NE	M_2	33 54	15	2		
		F	03 04 -				
31	E	e	16 03 10			112.5°	U.S.C.G.S.: 7°S; 119°E
	E	ePP	08 13			12,500Km	
	N	iPPP	10 43				T_o = 15h 48.9m
	E	eS	15 57				
	E	iPS	18 05				Obscured by shaking of building.
	E	iSS	24 03				
	E	L	45 55				
	N	L	53 -				
	N	M	17 01 20	20	6		
	E	M	04 55	20	6		
		F	40 -				

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.
June 4	NE	e,iP	07 03 38			90°	U.S.C.G.S.: ½°S; 91½°W
	E	iSKS	14 19			10,000 Km	
	N	iSKKS	14 40				T_o = 06h 50m 50s
	E	iS	14 43				
	N	i	19 13				
	E	i	20 52				
	NE	eL	32 -				
	E	M	36 00	23	7		No definite maximum on N-S
		F	08 25 -				
4	N	e	16 34 -				
	E	e	35 -				
	NE	M_1	44 -	17	2		
	N	M_2	49 50	15	3		
	E	M_2	50 40	13	2		
		F	17 12 -				
5	NE	e	14 20 -				U.S.C.G.S.: 36°N; 139½°E
		F	32 -				
6	E	iPP	17 10 33			118.5°	N 10m 41s
	N	i	14 04			13165 Km	U.S.C.G.S.: 3½°S; 136½°E
	NE	iSKS	16 19				
	N	iSKKS	17 43				T_o = 16h 50.7m
	NE	iPS	20 23				
	N	iSS	27 03				
	E	eSSS	31 10				
	N	L	41 -				
	E	M_1	50 43	29	59		
	N	M_1	53 05	22	20		
	E	M_2	18 00 21	21	38		
	N	M_2	01 11	22	28		
		F	19 54 -				
7	NE	ePP	10 35 43			123.5°	U.S.C.G.S.: 3½°S; 152½°E
	NE	i,e	37 30			13,720Km	T_o = 10h 15m 30s
	NE	iSKS	39 58				N 40m 02s
	NE	iSKKS	41 40				Apparently deep focus.
	N	i	51 24				No definite maxima.
		F	11 40 -				
15	NE	eP	13 42 43			86.1°	U.S.C.G.S.: 5°S; 77°W
	NE	iSKS	52 56			9565 Km	
	N	i	53 54				T_o = 13h 30m 05s
	E	i	53 59				
	E	iSS	59 00				
	E	iSSS	14 02 46				
		F	22 -				
17	NE	i,eP	01 53 04			66.0°	E 53m 10s
	NE	iS	02 01 46			7335 Km	U.S.C.G.S.: 56°N, 159½°E
	NE	i	06 03				T_o = 01h 42m 22s
	NE	eL	13 30				
	E	M_1	22 01	18	8		
	N	M_1	22 12	18	11		
	N	M_2	25 25	17	12		
	E	M_2	26 58	14	6		
		F	03 36 -				

No. 6

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 19	E	e	02 43 13				
	E	L	47 08				U.S.C.G.S.: 30½°N; 130°E
	E	M	51 03	22	3		
		F	03 08 -				Obscured on N-S by shaking of building
21	NE	iSKS	02 12 31				
	NE	i	13 15				
	NE	e	20 -				U.S.C.G.S.: 23°S; 68½°W
	E	e	40 58				
		F	51 -				
30	NE	i	13 45 12				
	NE	i	46 20				
	NE	e,i	54 42				
	E	e	14 00 52				
	N	L	03 27				
	E	M	09 06	12	7		
	N	M	13 07	12	3		
		F	45 -				
						A.E.M.	Geddes.

Natural Philosophy Department,
Marischal College,
Aberdeen

SEISMOLOGICAL BULLETIN

No. 1

KING'S COLLEGE OBSERVATORY, ABERDEEN

July - September, 1954

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.
July 2	NE	iP	02 58 44			98.0°	U.S.C.G.S.: 13½°N, 123½°E
	NE	iPP	03 02 32				E 02m 37s
	NE	i	06 36			10890 Km	
	E	iSKS	09 12				T_o = 02h 45m 05s.
	NE	i	09 28				
	NE	iS	10 12				
	NE	i	11 32				
	E	i	12 04				
	N	iPPS	12 16				
	NE	i, eSS	16 55				
	E	e	20 22				
	NE	L	30 47				
	E	M	36 02	30	73		
	N	M	40 22	28	58		
		F	04 29 -				
3	N	iP	00 43 27			62.9°	U.S.C.G.S.: Uganda-Belgian Congo Region
	N	e	57 -			6990 km	
	NNE	e	01 04 -				T_o = 00h 33m 04s
	E	e	07 -				
	N	e	09 -				
	E	M	11 02	18	4		
		F	51 -				
3	E	e	22 03 12				U.S.C.G.S.: 18°N, 121½°E
	N	e	03 55				
	E	M	11 59	18	4		
	N	M	12 08	20	3		
		F	19 -				
3	E	i	22 47 44			105.3°	U.S.C.G.S.: 6½°S, 106°E
	NE	iPP	49 49			11700 Km	
	E	iSKS	56 07				T_o = 22h 31m 26s
	N	iSKKS	57 09				
	N	iS	57 42				
	E	iPS	59 14				
	N	iPPS	59 52				
	E	iSS	23 04 52				
	N	iSSS	08 54				
	N	L	21 42				
	E	L	23 12				
	N	M_1	32 30	23	23		
	E	M_1	36 12	20	27		
	N	M_2	36 30	23	39		
	E	M_2	38 54	21	30		
		F	25 00 -				

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							
6	E	e	04 57 40				U.S.C.G.S.: 3°S, 148°E
	N	e	05 02 10				
	E	M	16 04	20	3		
	N	M	16 12	20	3		
		F	32 -				
6	NE	iP	08 16 14			74.7° 8300 Km	U.S.C.G.S.: 46½°N, 153½°E
	NE	iPP	19 02				
	NE	iPPP	20 54				
	NE	iS	25 50				T_o = 08h 04m 37s
	N	iPS	26 20				
	N	eSS	30 55				
	E	eSSS	33 52				
	N	L	41 -				
	E	M	54 03	18	11		
	N	M	54 51	18	16		
		F	10 12 -				
6	N	e	11 04 -				U.S.C.G.S.: 46°N, 153°E
	E	e	07 -				
	N	M	09 52	18	2		
	E	e	15 07				
		F merged in following disturbance.					
6	NE	iP	11 24 32			70.9° 7880 Km	U.S.C.G.S.: 39½°N, 118½°W
	N	iPP	27 10				E 27m 02s
	E	i	28 48				
	NE	iS	33 47				T_o = 11h 13m 14s
	NE	iSS	38 30				
	NE	e, iSSS	41 41				
	E	eL	47 55				
	E	M	54 32	15	15		
	N	M	56 15	13	13		
		F	13 10 -				
6	NE	iS	22 28 08				Repetition of previous shock
	NE	i	28 58				
	NE	eSS	32 42				T_o = 22h 07.6m
	NE	e	35 58				
	E	L	44 -				
	E	M	49 26	16	16		
	N	M	50 55	13	10		
		F	23 50 -				
13	E	e	08 53 -				
	N	e	57 -				
	NE	L	09 06 -				
	N	M	15 12	22	3		
	E	M	18 08	22	3		
		F lost during changing of charts.					
15	N	Slight effect on N-S record from 00h 45m to 02h.					U.S.C.G.S.: 13°S, 177°W
18	NE	iS	09 30 13			82.0° 9110 Km	U.S.C.G.S.: 35½°N, 140½°E
	E	i	30 27				
	NE	i	43 12				T_o = 09h 07m 44s
	E	L	48 -				
	N	L	51 -				
	E	M	10 00 10	19	4		
	N	M	02 12	20	5		
		F	22 -				
18	NE	e	11 48 50				Slight and partially obscured by shaking of building
	E	M	55 52	15	2		
		F	12 07 -				

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							
18	E	i	14 46 09				U.S.C.G.S.: 38½°N, 20½°E
	E	iP	48 02			24.2°	
	NE	e,i	50 00			2690Km	T_o = 14h 42m 40s
	E	iS	52 18				
	NE	i	52 52				
	E	L	56 52				
	N	M	57 42	15	3		
	E	M	58 06	15	3		
		F	15 14 -				
21	N	LM	05 24 -40				Very slight U.S.C.G.S.: 27°N, 101°E
23	NE	eSKKS	04 58 32			103° 11450Km	U.S.C.G.S.: 31°S, 70½°W
	NE	iPS	05 01 10				
	NE	eiPPS	02 10				N 02m 07s
	NE	e	07 05				
	E	e	19 -				
	NE	eL	26 -				
	E	M	36 00	20	4		
	N	M	38 00	18	4		
		F	58 -				
26	NE	iSKS	20 41 07			114.1° 12680Km	
	NE	iS	42 55				T_o = 20h 15m 39s
	NE	iPS	45 05				
	E	iSS	51 07				
	NE	eSSS	54 58				N 54m 52s
	NE	eL	21 05 20				
	E	M	16 56	23	7		
	N	M	18 50	23	7		
		F	42 -				
*26	NE	e	22 27 -				U.S.C.G.S.: 12½°N, 44°W
	NE	e	33 30				Very slight
	N	M	35 05	15	1		
	E	M	42 10	15	1		
		F	56 -				
29	N	e	03 51 50			72° 8000Km	U.S.C.G.S.: 49½°N, 158°E
	E	iS	55 07				T_o = 03h 34.3m
	E	i	57 06				
	N	e	04 04 10				
	N	LM	21 -39				
	E	LM	23 -34				
		F	56				
30	N	e	09 35 -				U.S.C.G.S.: 36½°S, 97°W
	E	e	36 15				
	E	e	44 -				
	E	L	48 -				
	E	M_1	50 58	20	7		
	N	M	58 26	17	4		
	E	M_2	59 58	19	7		
		F	10 20 -				

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 31	N	iP	01 11 00			66.2°	U.S.C.G.S.: 39°N 104°E
	NE	i	12 19			7355Km	
	N	iPPP	14 44				T_o = 01h 00.2m
	NE	iS	19 48				
	NE	i	20 49				
	NE	iSS	24 11				
	NE	iSSS	01 26 59				
	E	i	30 09				
	NE	L	31 55				
	E	M	35 55	20	110		
	N	M_1	36 01	20	140		
	N	M_2	37 51	18	124		
		F	03 04 -				
Aug. 3	NE	iP	18 23 44			24.4°	U.S.C.G.S.: 40°N, 25°E
	E	i	25 22			2710Km	
	NE	iS	27 53				
	E	iSS	28 52				T_o = 18h 18m 33s
	N	i	29 04				
	E	i	29 43				
	NE	L	31 05				
	E	M	33 03	13	10		
	N	M	33 21	12	9		
		F	19 10 -				
5	N	e	04 02 -				
	N	i	04 00				Very slight
		F	13 -				
5	NE	iP	04 22 35			24.7°	
	N	iS	26 48			2745Km.	E.e. 27m 02s
	NE	iSS	27 56				
	NE	iSSS	28 41				T_o = 04h 17m 23s.
	N	i	29 49				
		F	43 -				
5	N	e	04 46 50				
	E	e	47 07				Slight
	N	e	51 47				
	NE	e	52 40				
	N	i	55 00				
		F	05 06 -				
5	NE	i, eP	09 01 07				U.S.C.G.S.: 52°N, 176°E
	N	i	04 19				E.e. 04m 11s
	NE	iS	10 23			71.2°	
	NE	iPS	11 09			7910Km	T_o = 09h 49m 48s
	E	iSS	14 59				Effects slight and confused
	N	e	29 40				through shaking of building
	E	M	38 14	20	3		
		F	10 36 -				
5	E	i	20 56 28				
	N	e	58 -				
	NE	e, i	21 01 44				Very slight
		F	05 -				
6	N	e	00 50 40				
	E	e	51 50				
	E	M	58 54	20	3		Very slight
	N	M	59 10	20	3		
		F	01 05 -				

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.
Aug.							
6	N	e	16 48 50				U.S.C.G.S.: 1°S, 23½°W
		F	58 -				No effect on E-W
9	N	iP	19 27 59			68.5°	U.S.C.G.S.: 53°N, 161°E
	NE	iS	36 53			7610Km	T_o = 19h 16m 52s
	NE	i	37 53				
	N	i	42 12				
	N	eL	56 -				
	E	M	20 01 17	17	4		
	N	M	07 07	15	5		
		F	55 -				
18	N	i	05 01 42			145°	U.S.C.G.S.: 21½°S, 176°W
	E	iPKP	02 03			16110Km	
	NE	iSKP	05 32				T_o = 04h 42.2m
	NE	i	10 08				
	N	iSKKS	11 34				N 23m 30s
	NE	i	23 23				
	NE	iSS	24 30				
	E	i	28 51				
	E	e	42 20				No distinct maxima
		F	06 48 -				
19	E	e	21 15 -				
	E	M	23 -	18	2		Obscured on N-S by shaking of building.
		F	38 -				
20	NE	iP	19 24 59				U.S.C.G.S.: 70½°N, 15°W
	NE	e	28 30				Jan Mayen region
	N	M	29 50	15	1		
	E	M	30 11	13	3		
		F	41 -				
20	NE	eP	20 27 30				
	N	M	32 44	12	3		Jan Mayen region
	E	M	33 10	11	4		
		F	21 04 -				
20	N	i	21 09 10				
	NE	M	13 -	13	1		Jan Mayen region
		F	38 -				
20	N	iP	21 50 50				
	E	M	56 -	14	3		Jan Mayen region
	N	M	57 10	18	4		
		F	22 09 -				
20	NE	e	22 10 45				
	N	M	17 28	12	2		Jan Mayen region
	E	M	17 58	12	3		
		F	30 -				
20	NE	e	22 48 -				Jan Mayen region
		F	51 -				
20	N	e	22 58 45				U.S.C.G.S.: 71°N, 14°W
	E	e	59 00				
	N	M	23 07 33	16	4		Jan Mayen region
	E	M	07 54	14	6		
		F	27 -				
20	NE	e	23 43 -				
		F	50 -				

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.
Aug. 21	NE	e	00 27 30				U.S.C.G.S.: 71°N, 13½°W
	N	iP	29 02				Jan Mayen region
	N	M	34 09	14	9		
	E	M	34 14	12	10		
		F	01 24 -				
21	NE		Traces 01 26-32				
21	NE		Traces 01 42-48				
21	N	iP	04 16 44				
	E	i	18 05				Jan Mayen region
	N	M	21 45	12	1		
	E	M	21 52	12	1		
		F	32 -				
21	NE	i	06 49 15				
		F	59 -				
21	NE	iP	07 23 18				U.S.C.G.S.: 70½°N, 14°W
	N	M	28 10	16	11		Jan Mayen region
	E	M	28 30	11	9		
		F	08 26 -				
21	NE	i	12 58 48				
		F	lost in following shock				
21	N	M	13 13 10	20	3		
	E	M	14 00	12	2		Jan Mayen region
		F	31 -				
21	NE	iS	17 46 43				
	E	M	47 58	13	3		U.S.C.G.S.: 71°N, 14°W
	N	M	48 26	12	2		Jan Mayen region
		F	18 06 -				
21	NE	i	22 53 46				U.S.C.G.S.: 72°N, 13°W
	NE	iP	54 32				Jan Mayen region
	N	i	56 48				
	N	M	59 34	16	13		
	E	M	59 45	14	11		
		F	23 37 -				
22	E	i	02 56 18				Jan Mayen region
	NE	M	03 00 20	15	2		
		F	11 -				
22	NE	i	10 13 40				
	N	M	16 22	14	4		Jan Mayen region
	E	M	16 40	12	4		
		F	35 -				
22	N	eP	12 43 08				
	E	e	46 48				Jan Mayen region
	N	M	48 00	15	2		
	E	M	48 10	12	1		
		F	13 03 -				
22	N	eS	18 27 40				
	E	e	28 48				Jan Mayen region
	E	M	29 55	14	1		
		F	53 -				

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.
Aug.							
22	NE	e	23 59 48				
	E	M	24 00 48				Jan Mayen region
		F	05 -				
23	NE	e	09 40 08				
	N	M	41 00	16	2		Jan Mayen region
	E	M	41 08	12	1		
		F	48 -				
23	N	e	11 44 40				
	E	e	46 48				Jan Mayen region
	E	M	47 55	12	1		
		F	53 -				
24	E	iP	06 02 45			70.5°	U.S.C.G.S.: 39.5°N, 118.5°W
	NE	iPP	05 17			7835Km	
	NE	iPPP	07 03				T_o = 05h 51m 32s
	NE	iS	11 58				
	NE	iSS	16 28				
	NE	i	19 48				
	NE	L	26 18				
	N	M	33 10	13	51		
	E	M	33 22	16	127		
		F	08 46 -				
27	E	iSKS	11 19 28			103.5°	U.S.C.G.S: 24½°N, 143°E
	E	iPS	22 18			11,500Km	
	E	i	29 39				T_o = 10h 54m 58s
	E	eSSS	32 06				
	N	e	40 -				
	E	eL	42 03				
	N	M_Q	47 56	20	5		
	E	M_Q	48 24	20	8		
	E	M_R	59 02	20	5		
		F	merged in following shock				
27	E	i	12 24 25				
	N	iP	24 58				Jan Mayen region
	E	L	28 08				
	NE	M	29 56	15	5		
		F	13 05 -				
29	E	e	00 17 30				
		F	25 -				Very slight
31	E	iP	22 32 48			81°	
	NE	ePPS	44 50			9000Km	
	E	iSS	48 48				
	E	iSSS	52 24				T_o = 22h 20m 36s
	NE	eL	58 -				
	N	M_Q	23 00 15	18	7		
	E	M_R	02 25	18	4		
	N	M_R	02 57	13	4		
		F	40 -				
Sep.							
1	E	e	05 57 15				
	E	M	06 01 01	15	1		U.S.C.G.S.: 39½°N, 118½°W
		F	07 -				Very slight on N-S component
2	N	e	19 14 -				U.S.C.G.S.: 10°S, 166°E
		F	37 -				No effect on E-W component.

SMOLOGICAL 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.
Sep. 4	E	iPP	03	48	39			118.5°	U.S.C.G.S.: 3°S, 139½°E
	E	iSKS		54	42			13,165Km	
	E	S		56	42				T_o = 03h 28.6m
	N	iSS	04	05	24				
	N	i		14	14				
	N	eL		29	45				
	NE	M_1		32	56	E 20	5		
						N 21	8		
	N	M_2		38	38	20	7		
	E	M_2		38	54	22	7		
		F		58	-				
4	NE	e	07	19	-				U.S.C.G.S.: 28°N, 83½°E
	N	M		24	48	15	2		
	E	M		24	58	15	3		
		F		32	-				
* 4	NE	e	09	37	-				U.S.C.G.S.: 21½°N, 122½°E
	E	M		41	57	20	5		
	N	M		43	53	18	7		
		F		58	-				
4	E	e	14	41	-				Very slight
		F		45	-				
* 6	E	i	17	10	57				
	N	i		11	59				
	E	i		12	47				
	N	e		29	-				
	E	e		34	-				
	E	M		36	09	24	11		
	N	M		36	11	24	8		
		F	18	06	-				
6	NE	iP	18	42	05			70.5°	U.S.C.G.S.: 51°N, 158°E
	N	i		42	25			7835Km	
	NE	iS		51	12				
	E	iPS		51	35				T_o = 18h 30m 50s
	N	iPPS		51	59				
	E	e	19	02	-				
	N	e		07	00				
	N	M		19	00	18	2		
	E	M		19	04	18	4		
		F		54	-				
7	NE	e,i	00	32	10				
	E	i		35	37				
	NE	L		56	-				
	N	M_1	01	06	07	20	4		
	E	M_1		06	15	16	5		
	E	M_2		09	40	16	6		
	N	M_2		09	48	16	4		
		F		45	-				
9	NE	iP	01	09	27			21.5°	U.S.C.G.S.: 36°N, 1½°E
	NE	iPPP		09	57			2390 Km	
	E	i		10	27				T_o = 01h 04m 41s
	NE	iS		13	19				Algiers shock
	NE	iSS		14	07				
	E	L		15	27				
	N	L		16	02				
	N	M		17	18	12	207		
	E	M		17	32	13	346		
		F	03	24	-				

No. 9

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.
Sep. 9	NE	e	04 03 45				Repetition of previous shock
	N	eL	09 10				
	E	M	12 07	19	2		
	N	M	13 00	19	2		
		F	32 -				
9	E	eL	09 39 10				
	E	M	41 10	12	4		
		F	57 -				
10	NE	iP	05 48 56			21.2°	
	NE	i	49 07			2355Km	T_o = 05h 44m 14s
	NE	iS	52 45				Algiers
	NE	i	05 54 06				
	NE	L	55 08				
	E	M	56 55	11	49		
	N	M	57 06	11	67		
		F	06 44 -				
13	E	iPP	18 35 46			90°	
	NE	eS	43 09			10,000Km	
	E	iPPS	44 37				
	NE	e	59 40				
	NE	eL	19 03 35				
	N	M	10 05	18	2		
	E	M	10 10	16	3		
		F	29 -				
14	E	i	01 11 44			90°	N, e
	NE	iS	12 05			10,000Km	
	NE	iSS	18 02				
	NE	eL	34 45				
	N	M	45 45	16	3		
	E	M	45 50	17	4		
		F	02 07 -				
14	NE	e	07 43 20				
	N	i	43 46				
	NE	e	51 00				
	NE	e	08 05 45				
	E	M	15 43	18	3		
	N	M	15 55	19	3		
		F	32 -				
16	N	e	18 31 -				U.S.C.G.S.: 18°S, 178½°W
	E	e	35 -				
		F	45 -				
17	NE	iPKP	11 22 30			144°	U.S.C.G.S.: 20½°S, 177½°W
	NE	i	23 02			16,000Km	
	E	iPP	25 48				T_o = 11h 03m 20s
	N	iSKP	26 02				
	E	iSKS	29 30				
	NE	iSKKS	32 12				
	N	iPSKS	11 35 15				
	N	i	39 22				
	NE	i	44 08				No definite maximum
	NE	i	45 44				on either component.
		F	13 20 -				Deep focus.

No. 10.

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.
Sep. 23	N	i	21 53 32				
	E	i	53 41				
	E	i	54 56			73°	
	E	iP	55 33				
	NE	i	22 01 03				
	E	iS	05 03				Obscure through shaking of building
	E	iSS	09 26				
	E	eL	22 36				
	N	eL	24 10				
	E	M	34 46	18	16		
	N	M	35 10	15	15		
		F	23 30 -				

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SEISMOLOGICAL BULLETIN

KING'S COLLEGE OBSERVATORY, ABERDEEN

Oct/Dec 1954

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.
Oct. 1	E	i	03 17 36			133° 14780Km	U.S.C.G.S.: 11°S, 166°E. T_o = 02h 55.8m
	N	iPKS	18 24				
	E	i	20 31				
	E	iSKS	22 03				
	N	iSKKS	24 12				
	E	iPPS	28 50				N 28m 30s.
	E	iSS	35 08				
	E	iSSS	39 28				
	N	eL	04 01 59				
	E	eL	02 29				
	E	M_1	14 46	22	7		
	N	M	15 59	20	6		
	E	M_2	29 36	20	8		
		F	05 25 -				
3	N	iPP	03 09 19			132° 14660Km	U.S.C.G.S.: 10°S 166°E T_o = 02h 47.6m
	E	i	10 06				
	N	iSKS	13 50				
	N	iS	17 29				
	N	iPPS	21 00				
	E	iSS	26 40				
	E	iSSS	31 37				
	E	eL	42 09				
	N	eL	48 40				
	E	M	55 30	22	13		
	N	M	04 05 39	22	26		
		F	05 27 -				
3	NE	iP	11 28 47			59.4° 6600Km	U.S.C.G.S.: 60°N, 151°W T_o = 11h 18m 43s
	E	i	28 59				
	E	iPP	30 59				
	N	iPPP	32 24				
	NE	iS	36 55				
	E	iPS	37 20				
	N	e	39 31				
	E	iSS	40 49				
	E	i	43 55				No definite maximum
		F	12 58 -				
4	NE	i	02 12 30				U.S.C.G.S.: 25°N, 122°E
	E	e	20 40				
	N	i	21 50				
	E	M	28 30	15	3		
	N	M	28 40	15	3		
		F	58 -				

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. 16	E	i	00 31 10				U.S.C.G.S.: 71°N, 14°W.
	N	iP	31 40				Jan Mayen region
	E	e	35 40				
	N	M	36 33	15	3		
	E	M	36 56	15	3		
		F	46 -				
17	N	e	23 19 00				U.S.C.G.S.: 31½°N, 116½°W
	N	i	31 51				
	N	e	35 30				No E-W record obtained
	N	M	39 53	15	10		
		F	24 10 -				
19	E	iP	17 52 10				U.S.C.G.S.: 57½°N, 32½°W
	E	i	54 50				
	N	L	55 50				
	E	L	56 09				
	N	M	57 51	12	14		
	E	M	58 19	13	14		
		F	18 10 -				
21	N	e	01 14 20				U.S.C.G.S.: 41°S, 81°E
	E	e	17 20				
	E	M	24 00	17	4		Confused by microseisms
	N	M	33 56	20	16		
		F	45 -				
24	N	e	10 23 50				U.S.C.G.S.: 31½°N, 116°W
		F	42 -				
Nov. 2	E	iPP	08 43 51			113° 12555Km	U.S.C.G.S.: 7½°S, 119°E.
	E	iPPP	46 01				T_o = 08h 24.4m
	E	iSKS	49 47				
	E	iSKKS	50 45				No N-S record available
	E	i	52 07				
	E	e	59 26				
	E	e	09 03 55				
	E	L	20 15				
	E	M_Q	29 54	22	13		
	E	M_R	35 33	22	30		
		F	10 49 -				
12	N	i	13 00 51				U.S.C.G.S.: 31½°N, 116°W
	E	e	04 35				
	N	L	05 56				
	E	L	06 50				
	N	M	09 32	17	20		
	E	M	13 06	18	13		
		F	30 -				
18 *	N	e	06 00 35				
	E	e	01 40				
	N	M	03 35	20	3		
	E	M	09 00	15	2		
		F	18 -				
25	NE	iS	11 37 26			75° 8340Km	
	N	i	38 20				
	E	i	38 56				T_o = 11h 16.1m
	NE	iSS	42 20				
	NE	iSSS	45 10				

MOLOGICAL 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. 25	NE	L	48 53				
	E	M	55 00	22	100		
	N	M_1	55 22	19	84		
	N	M_2	12 00 57	17	64		
		F	51 -				
25	E	i	21 33 55				Nothing on N-S record
		F	40 -				
Dec. 4	E	e	08 08 45				
	E	M	20 43	20	6		U.S.C.G.S.: 5°S, 152½°E
		F	29 -				Obscured on N-S component by shaking of building.
5	NE	iS	18 50 22			64.1°	U.S.C.G.S.: 11°N, 61°W.
	N	iPS	50 53			7120Km	
	E	i	51 16				
	E	iSSS	57 04				
	N	e	57 45				
		F	19 17 -				
11	E	e	03 56 50				
	E	M	04 04 37	20	3		
	N	e	05 55				
		F	22 -				
11	NE	iP	13 01 15			18.0°	U.S.C.G.S.: 52½°N, 32°W
	E	i	01 21			2000Km	
	N	iS	04 31				T_o = 12h 57m 10s.
	NE	i	04 42				
	N	iSS	05 10				
	N	iSSS	05 30				
	NE	L	06 10				
	E	M	07 56	13	92		
	N	M	08 07	15	80		
		F	14 30 -				
16	E	e	11 18 20			81.4° I	U.S.C.G.S.: 39½°N, 118°W
	NE	iPI	19 19			9045Km	
	E	iPPI	22 40				T_o = 11h 07.1m
	NE	iPII	23 45				
	NE	i	27 40				Two disturbances superposed.
	NE	iSI	29 30				
	N	i	31 55				
	E	i	32 21				
	NE	i	35 35				
	NE	iSSII	39 27				
	E	L	43 33				
	N	L	43 46				
	E	M_1	48 42	15	108		
	N	M_1	50 08	15	84		
	N	M_2	52 28	15	84		
	E	M_2	53 27	15	139		
		F	14 30 -				
21	NE	iS	20 16 49			70.6°	U.S.C.G.S.: 41°N, 124°W.
	NE	i	18 49			7845Km	
	E	iSS	21 45				T_o = 20h 56m 20s
	NE	iSSS	24 39				
	E	L	33 30				
	N	L	34 24				
	NE	M	40 22	E 15	35		
				N 12	24		
		F	21 15 -				

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.
Dec.									
28	N	e	01	58	30				
	N	M	02	18	58	20	4		
	E	M		20	40	20	6		
		F	03	09	-				
30	N	e	11	15	30				
	E	e		16	45				
	E	i		17	28				
	N	i		17	43				
	NE	eL		20	50				
	N	M		22	40	15	3		
	E	M		22	47	15	3		
		F		35	-				
30	N	e	12	08	30				
	N	M		19	38	15	1		
	E	M		22	43	15	1		
		F		29	-				

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