SEISMOLOGICAL BULLETIN.

No.1. January - March, 1948.

King's College Observatory,
Aberdeen.

Lat.57°10' M. Long. 2.6' W. Height above M.S.L. 12m.

Lithologic Foundation: Glacial deposit over boulder clay.

Instruments: Milne-Shaw seismograph.
Photographic registrations: Two Components.

Compts	Mass	To	Damping Ratio	Magnification	1" Tilt	Date from which constants apply
N	1 lb.	10 sec.	20.1	150	18.1	13/7/46
E	1 lb.	10 sec.	20.1	150	18.1	15/7/46

Date	Components	Phase	Time G.M.T. h.	m.	s.	Period secs.	Ampl. μ	Δ km.	Remarks.
Jan.10	E	i	06	28	58				
	E	M		47	22	18	4		
		F	07	0	-				
Jan.17.	N	e	02	40	30				
		F		45	-				
Jan.17	N	e	08	0	20				
		F		28	30				
Jan.24	NE	iP	18	0	23				
	NE	iPP		3	51			109°.0	
	NE	i		7	28			12110km	
	NE	iSKS		10	59				
	N	iSKKS		12	6				
	E	i		18	31				
	N	i		18	51				
	NE	i		21	55				
	NE	L		36	56				
	E	M		48	56	20	1181		
	N	M		49	51	16	918		
		F	22	50	-				
Jan.25									From 0h-35m to 3h-15m. Slight effect.

SEISMOLOGICAL BULLETIN.

No.2.

January - March, 1948.

King's College Observatory,
Aberdeen.

Date	Components	Phase	Time G.M.T. h.	m.	s.	Period secs.	Ampl.	Δ km.	Remarks.
Jan.25	NE	e	06	49	16				
	N	M		53	30	20	6		
	E	M		59	16	16	5		
		F	07	20	-				
Jan.26	N	e	14	53	45				
	E	e		59	15			98.9°	
	E	L	15	4	55			10990km	
	N	L		6	15				
	N	M		13	53	19	105		
	E	M		14	1	19	60		
		F		40	-				
Jan.27	N	i	12	15	22				
	E	i		16	55				
		F	13	12	-				
Jan.28	NE	i	04	10	13				
	NE	eL		33	23	E21	22		
	NE	M		44	4	N23	22		
		F	05	22	-				
Jan.28	E	i	16	7	15				
	N	i		10	53				
	E	i		11	49				
	NE	i		19	8				
	N	M		22	28	19	40		
	E	M		25	43	15	41		
		F		51	-				
Jan.30	E	i	08	53	33				
	NE	iS	09	1	14			72.2°	
	NE	i		11	53			8020km	Deduced from S and M phases
	E	L		17	0				
	N	L		17	18				
	E	M		20	48	20	28		
	N	M		22	6	18	24		
		F	10	15	-				
Feb.6	N	i	23	14	8				
	E	i		15	31				
	E	M		20	45	18	17		No definite maximum on N-S component
		F		25	-				Very slight No trace on E-W.
Feb.8	N	e	22	31	0				
		F	23	18	-				

SEISMOLOGICAL BULLETIN.

No.3. January - March, 1948.

King's College, Observatory,
Aberdeen.

Date	Components	Phase	Time G.M.T. h.	m.	s.	Period secs.	Ampl. /4	Δ km.	Remarks.
Feb.9.	E	iP	13	4	13				
	N	iPP		4	59				
	NE	iPPP		5	16			28.9°	
	NE	iS		9	7			3210km	
	NE	L		13	21				
	N	M		16	16	15	323		
	E	M		16	51	12	267		
		F	14	15	-				
Feb.11.	NE	e	16	2	0				Very slight
		F		26	-				
Feb.13.	N	eL	05	24	15				
	E	eL		26	25				
	N	M		28	45	18	24		
	E	M		31	39	15	15		
		F		48	-				
Feb.14.	E	e	22	56	-				Very slight trace.
		F	23	0	-				
Feb.18.	NE	iP	20	35	44			27.2°	
	NE	iS		40	25			3020km	
	E	i		41	5				
	N	i		42	34				
	E	L		43	0				
	N	L		44	44				
	E	M		45	36	13	17		
	N	M		45	54	13	29		
		F	21	30	-				
Feb.28.	E	i	02	16	42			79.5°	
	N	i		21	54			8835km	
	N	eL		30	2				
	E	L		31	54				
	N	M		36	13	16	11		
	E	M		37	58	12	6		
		F		57	-				

SEISMOLOGICAL BULLETIN.

No.4. January - March, 1948.

King's College, Observatory,
Aberdeen.

Date	Components	Phase	Time G.M.T. h.	m.	s.	Period secs.	Ampl. μ	Δ km.	Remarks.
March 1.	N	e	01	30	2				
	NE	SKKS		30	52			126°	
	NE	S		31	50			14000km	
	E	iPS		34	8				
	E	i		37	32				
	N	i		37	36				
	NE	iSS		41	10				
	NE	i		42	23				
	E	iSSS		46	10				
	E	L	02	3	21				
	N	L		4	0				
	E	M		12	29	22	70		
	N	M		15	3	22	67		
		F	04	17	-				
March 3.	NE	iS	09	33	22				P phase last at time of changing.
	NE	i		33	42			90.7°	
	NE	i		41	19			10086km	
	NE	L		50	19				
	N	M	10	0	8	20	123		
	E	M		0	30	22	97		
		F	11	20	-				
March 4.	NE	i	02	15	54				Very slight
		F		57	-				
March 9.	N	i	19	17	26				From L and M phases
	NE	i		33	6			Approx. 116°	
	E	e		37	38			12890km	
	E	e		37	56				
	N	L		52	4				
	E	M	20	0	29	25	44		
	N	M		0	48	27	38		
		F	21	17	-				
March 13.	NE	i	20	27	10				From L and M phases
	E	e		36	11			108.7°	
	N	i		36	32			12080km	
	NE	L		51	0		(42E		
	NE	M		59	18	26	(46N		
		F	21	35	-				
March 16	N	i	03	27	36				
	E	i		29	22				
		F		47	-				
March 21	N	e	22	29	41				Very slight effect on E-W Component
	N	M		35	16	17	4		
	E	e		40	0				
		F		48	-				

SEISMOLOGICAL BULLETIN.

No.5.

January - March, 1948.

King's College Observatory,
Aberdeen.

Date	Components	Phase	Time G.M.T. H.	m.	s.	Period secs.	Ampl.	Δ km.	Remarks.
March 22.	E	i	22	13	29				
	E	M		19	20	20	6		No indication on N - S component
		F		28	-				
March 24.	E	i	05	44	20				
	N	i		45	55				
	N	eL	06	9	12				
	E	eL		11	30				
	N	M		20	17	25	13		
	E	M		25	33	20	11		
		F	07	0	-				
March 29.	NE	e	10	32	52				
	NE	e		37	27				
	N	M		39	42	19	22		
	E	M		40	25	18	16		
		F	10	54	-				

SEISMOLOGICAL BULLETIN.

No.1. April - June 1948.

King's College Observatory,
Aberdeen.

Lat. 57°10' N. Long. 2.6' W. Height above M.S.L. 12m.

Lihtologic Foundation: Glacial deposit over boulder clay.

Instruments: Milne-Shaw seismograph
Photographic registrations: Two Components.

Compts	Mass	To	Damping Ratio	Magnification	1" Tilt	Date from which constants apply
N	1 lb.	10 sec	20:1	150	18.1	~~5~~/4/48
E	1 lb.	10 sec	20:1	150	18.1	5/4/48

Date	Components	Phase	Time G.M.T. h.	m.	s.	Period secs.	Ampl. /4	Δ km.	Remarks.
April 17	NE	iP	16	23	56				
	NE	iPP		27	3			83.1°	
	N	i		30	21			9235km	
	E	i		30	38				
	NE	iS		34	16				Japanese [illegible]
	NE	iPS		35	15				
	N	i		39	28				
	E	i		40	28				
	E	iSSS		43	38				
	N	i		52	14				
	E	i		52	28				
	NE	L		53	44				
	E	M	17	6	19	13	71		
	N	M		10	19	15	69		
		F	19	21	-				
April 18	N	i	12	40	23				
	E	i		41	53				
	NE	e		49	36				
	E	i	13	0	56				
	N	e		8	14				
	E	L		17	16				
	N	L		20	6				
	E	M		23	50	25	26		
	N	M		28	55	22	27		
		F	14	49	-				
April 21	NE	iP	20	32	26				Impulse
	NE	iPP		34	39			62.2°	very sharp
	NE	iS		40	51			6900km	on E-W
	NE	i		42	16				component
		i		45	22				
		i		45	32				

April - June 1948.

King's College Observatory,
Aberdeen.

Date	Components	Phase	Time G.M.T. h.	m.	s.	Period secs.	Ampl. μ	△ km.	Remarks
April 21	E	L		51	11				
	N	L		51	27				
	E	M		53	40	20	146		
	N	M		56	25	20	60		
		F	00	6	-				
April 22	E	iP	00	38	44				
	N	E		39	43			60.2°	
	NE	iS		46	57			6690km	
	NE	i		48	32				
	N	iSSS		53	32				
	N	L		55	34				
	E	L		56	43				
	E	M	01	2	25	19	30		
	N	M		2	44	19	17		
		F	02	28	-				
April 22	NE	iP	10	47	8				
	NE	iS		52	14			24.2°	
	NE	iSS		53	17			2690km	
	E	L		54	23				
	N	L		54	48				
	E	M		57	18	15	192		
	N	M		59	4	15	240		
		F	12	10	-				
April 23	E	e	12	8	58				
	NE	e		12	18				
	E	eL		19	38				
	N	eL		21	58				
	E	M		24	41	20	5		
	N	M		28	28	18	2		
		F	13	10	-				
April 26	NE	e	09	36	44				
	NE	i		40	33				
	E	M		43	20	16	13		
	N	M		43	51	12	8		
		F	10	0	-				
May 8	N	i	03	7	47				Very Slight
	NE	e		33	30				
		F		39	-				
May 9	NE	iP	02	21	31				
	NE	iS		31	45			-	N-S e
	N	e		37	41				02 h
	NE	e		41	16			82.0°	31 m
	E	L		47	41			9110km	47s.
	N	L		49	1				
	E	M		55	16	25	48		
	N	M		58	39	20	33		
		F	04	7	-				

Date	Components	Phase	Time G.M.T. h.	m.	s.	Period secs.	Ampl. μ	Δ km.	Remarks.
May 11	NE	iP	09	8	38			88.9°	
	NE	i	09	11	28			9880km	
	NE	iS		19	26				
	E	i		33	53				
	NE	L		42	13				
	E	M		47	40	18	22		
	N	M		43	3	17	6		
		F	10	5	-				
May 12	NE	iP	01	9	6				
	N	i		11	24			80.6°	
	NE	iS		19	13			8955km	
	NE	iSS		24	34				N i 01h 24m 43s
	NE	iSSS		28	44				
	E	L		35	1				
	N	L		37	38				
	N	M		41	19	25	39		
	E	M		42	22	22	40		
		F	03	56	-				
May 14	NE	i	13	40	54				
	N	eL	14	2	54				
	E	eL		3	44				
	N	M		10	44	20	6		
	E	M		11	0	16	5		
		F		34	-				
May 14	N	e	18	23	34				
	E	M	19	24	0	23	7		
	N	M		24	39	20	6		
		F		55	-				
May 14/15	NE	iP	22	42	42				
	NE	iPP		44	37			67.0°	
	N	iPP		46	59			7445km	
	NE	iS		51	35				
	E	i		52	34				
	N	iSS		55	31				
	E	i		59	10				
	N	L	23	4	37				
	E	L		5	14				
	E	M		10	59	22	213		
	N	M		11	34	20	384		
		F	02	40	-				
May 15	NE	e	18	52	35				Very slight
		F	19	14	-				

April - June 1948.

Date	Components	Phase	Time G.M.T. h.	m.	s.	Period secs.	Ampl. μ	Δ km.	Remarks.
May 17	NE	iP	17	59	21			66.7° 7410km	
	NE	iS	18	8	16				
	E	e		15	46				
	NE	eL		22	22				
	N	M		26	43	22	7		
	E	M		27	40	24	8		
		F		52	-				
May 22 ✓	N	e	20	40	37				
	E	e		41	17				
	E	M		56	57	20	7		
	N	M	21	9	54	20	7		
		F		29	-				
May 25 ✓	N	iP	07	23	7				No E-W record available
	N	i		32	11				
	N	iS		32	29			72.3° 8035km	
	N	i		34	34				
	N	iSS		37	25				
	N	iSSS		40	48				
	N	L		47	18				
	N	M		53	15	19	200		
		F	10	30	-				
May 26 ✓	N	e	09	43	45				No E-W record available
	N	M		56	51	19	5		
		F	10	13	-				
May 29	N	i	04	51	30				Very slight
	N	i		57	17				
		F	05	3	-				
June 1	N	e	19	36	31				E-W compt not available
	N	eL		43	30				
	N	M		52	53	20	7		
		F	20	34	-				
June 7	N	e	00	20	23				Very slight on E-W compt.
	N	i		23	23				
	NE	i		35	30				E-W e
	N	i		39	32				
	NE	i	01	7	50				E-W e
		F	03	8	-				
June 15 ✓	NE	iP	11	56	38				E-W e
	NE	iS	12	7	21			87.9° 9765km	
	NE	eSS		13	23				
	E	e		25	11				
	N	eL		27	36				
	E	eL		29	6				
	N	M		32	33	25	30		
	E	M		35	36	20	22		
		F	13	26	-				

No.5.

Date	Components	Phase	Time G.M.T. h.	m.	s.	Period secs.	Ampl. μ	Δ km.	Remarks
June 18	E	e	01	50	57				
	E	M	02	0	47	25	7		
		F		38	-				
June 18	E	e	18	59	11				
	NE	i	19	2	38				
	E	L		12	50				
	N	L		13	42				
	E	M		18	41	13	3		
	N	M		19	2	11	2		
		F		35	-				
June 21	NE	i	12	31	33				
	E	e		44	41				
	NE	eL	13	0	8				
	N	M		10	54	22	10		
	E	M		11	11	23	13		
		F		40	-				
June 27 ✓	E	e	00	44	58				
	N	e		45	48				
	E	M		49	35	22	7		
	N	M		49	45	17	6		
		F	01	12	-				
June 27	NE	i	21	58	52				
	NE	eL	22	10	58				
	E	M		18	53	18	5		
	N	M		21	58	18	6		
		F		37	-				
June 28 ✓	N	iS	07	36	3				N 46m 48s
	NE	iSSS		46	39				
	E	L		53	14			80.7°	
	N	L		54	21			8960 km	First part lost during changing
	E	M		59	5	22	93		
	N	M	08	1	12	17	78		
		F	09	20	-				
June 29 ✓	E	i	10	56	46				
	E	i	11	8	51				
	N	M		40	5	20	6		
	E	M		48	58	20	6		
		F	12	45	-				
June 29 ✓	E	i	16	13	46				
	N	i		17	38				
	N	e		23	5				
	E	L		26	3				
	E	M		32	0	15	8		No definit max. on N-S
		F		51	-				

SEISMOLOGICAL BULLETIN.

No. 6. April - June 1948.

Date	Components	Phase	Time G.M.T. h.	m.	s.	Period secs.	Ampl. μ	△ km.	Remarks.
June 30	NE	iP	12	26	24			23.6°	
	NE	iS		30	35			2620km	N 30m
	NE	iSS		31	34				39s
	NE	L		33	47				
	E	M		35	48	15	71		
	N	M		35	51	15	73		
		F	13	35	-				

SEISMOLOGICAL BULLETIN.

No.1. June - September 1948.

King's College Observatory,
Aberdeen.

Lat.57°10'M. Long. 2.6' W. Height above M.S.L. 12m.

Lithologic Foundation: Glacial deposit over boulder clay.

Instruments: Milne-Shaw seismograph.
Photographic registrations: Two Components.

Compts.	Mass.	To	Damping Ratio	Magnification	1" Tilt	Date from which constants appl
N	1 lb.	10 sec.	20.1	150	18.1	5/4/48
E	1 lb.	10 sec.	20.1	150	18.1	5/4/48.

Date	Components	Phase	Time G.M.T. h.	m.	s.	Period secs.	Ampl. μ	Δ km.	Remarks.
July 3	E	e	15	51	29				
	N	M		52	7	15	2		
		F	16	10	-				
July 5	E	iP	14	2	10			48.5° 5390km. T_o = 13.53.29 G.M.T.	
	E	i		8	44				
	N	iS		9	10				
	E	i		12	47				
	N	L		20	57				
	E	M		26	54	19	17		
	N	M		31	38	18	22		
		F	15	13	-				
July 7	NE	e	02	35	2				
	E	e		53	22				
	E	M	03	15	4	13	9		
	N	M		15	51	13	8		
		F	04	1	-				
July 8	N	iP	12	38	1			14.6° 1550km T_o=12.34.41 G.M.T.	
	N	eS		39	35				
	NE	L		41	16				
	E	M		43	15	13	22		
	N	M		43	39	12	14		
		F	13	14	-				
July 14/15	N	i	22	51	5				No E-W Comp record available.
	N	i		59	47				
	N	e	23	5	22				
	N	M		42	31	21	14		
		F	00	10	-				

SEISMOLOGICAL BULLETIN.

June - September 1948.

No.2.

King's College Observatory,
Aberdeen.

Date	Components	Phase	Time G.M.T. h.	m.	s.	Period secs.	Ampl. μ	△ km.	Remarks.
July 16	NE	e	07	25	30				From S and M phases approximate distance 73.2° : 8145km U.S.C.G.S. gives two disturbances each 77.8°. T_o=07.19.51 G.M. for the second disturbance.
	E	e		31	54				
	NE	e		33	58				
	NE	iS		41	10				
	NE	e		46	19				
	N	eL		52	39				
	E	M		59	44	25	13		
	N	M	08	1	24	22	7		
		F		20	-				
July 18	E	e	07	2	9				
	N	e		2	23				
	NE	i		8	18				
	NE	e		12	5				
	N	eL		34	56				
	E	eL		36	44				
	N	M		51	38	18	9		
	E	M		52	0	20	8		
		F	08	20	-				
July 19	N	Slight disturbances 19h 15m to 20h 13m and 21h 55m to 22h 14m may not be of seismic origin.							
July 20	E	iP	11	15	33			95.0°	
	NE	i		19	34			10555km	
	NE	iSKS		26	8				
	NE	i		28	22				T_o = 11.2.28 G.M.T.
	N	L		46	22				
	E	L	11	46	44				
	E	M		53	34	20	12		
	N	M		53	44	22	10		
		F	12	31	-				
July 22	E	e	18	6	12				
	NE	M		13	59	14	3		
		F		22	-				
July 22	NE	e	20	37	42				
	N	M		41	2	18	3		
	E	M		43	52	14	2		
		F		46	-				

King's College Observatory,
Aberdeen.

Date	Components	Phase	Time G.M.T. h.	m.	s.	Period secs.	Ampl. μ	Δ km.	Remarks.
July 23	NE	e	12	51	-				
	NE	e	13	9	40				
	E	e		22	-				
	N	M		34	41	20	8		
	E	M		35	45	20	8		
		F	14	6	-				
July 24	NE	iP	06	9	10			27.6°	
	NE	i		11	54			3065km	
	NE	iS		13	52			T_o=6.3.24 G.M.T.	
	NE	iSS		15	3				
	NE	L		17	17				
	E	M		21	7	18	109		
	N	M		21	12	15	66		
		F	07	23	-				
July 29	N	e	01	18	-				Very slight
		F		35	-				
July 30	N	iP	03	44	41			24.5°	
	N	iS		49	0			2720km	
	N	M		51	48	20	4		
	E	e		52	12			T_o = 3.39.23	
		F	04	18	-				
Aug.7.	NE	iP	14	52	55				E e
	N	e		58	38			85.0°	
	E	e		59	18			9455km	
	NE	iSKS	15	3	4				N n
	NE	L		26	48			T_o = 14.40.22.	
	E	M		33	57	18	17		
	N	M		34	21	15	8		
		F	16	20	-				
Aug.11.	E	iP	10	48	7			76.6°	
	E	iS		57	53			8510km	N 57m 50s.
	E	L	11	6	27			T_o = 10.36.18.	
	N	L		7	32				
	E	M		14	35	30	12		
		F		51	-				
Aug.12/13.	N	e	22	42	27				
	E	M	23	29	24	18	2		
	N	M		32	30	19	2		Very slight on E-W.
		F	00	3	-				
Aug.17.	NE	e	17	56	0				
	N	M	18	3	53	15	2		No definite max^m on E-W.
		F		16	-				

SEISMOLOGICAL BULLETIN.

No.4. June - September 1948.

King's College Observatory,
Aberdeen.

Date	Components	Phase	Time G.M.T. h.	m.	s.	Period secs.	Ampl. μ	Δ km.	Remarks.
Aug. 18.	N	e	21	16	20				
	NE	iPPP		17	0				
	NE	iS		20	36			24.2°	
	E	i		23	40			2690km	
	N	i		24	5			T_o = 21.11.12 G.M.T	
	N	L		25	48				
	E	L		26	9				
	N	M		27	8	15	3		
	E	M		27	17	12	2		
		F		40	-				
Aug. 21.	NE	i	08	52	57				E e
		F	09	5	-				
Aug.25.	NE	iPP	06	26	52			97.5°	
	NE	iPs		35	46			10835km	
	NE	eSS		41	19			T_o = 06.9.27 G.M.T.	
	NE	e		51	10				
	E	L		56	25				
	N	L		58	11				
	E	M	07	9	50	18	33		
	N	M		11	18	17	40		
		F	08	22	-				
Aug. 25.	E	i	10	53	30				
	E	M		59	21	10	3		
	N	M		59	30	9	3		
		F	11	8	-				
Aug. 27.	NE	i	17	12	25				
	E	e		16	11				
		F		26	-				
Aug. 28.	NE	iS	02	47	45				
	N	e	03	4	8				
	NE	eL		7	30				
	N	M		11	30	17	2		
		F		45	-				
Aug. 29.	E	e	18	56	30				
	E	e	19	2	30				Very slight
		F		12	-				
Aug. 30.	E	i	01	43	31				
	E	i		44	45				
	E	M		46	7	11	2		
		F		57	30				
Sept. 1.	N	e	20	31	10				
	N	M		40	22	14	2		
	E	e		40	30				
		F		47	-				

King's College Observatory,
Aberdeen.

Date	Components	Phase	Time G.M.T. h.	m.	s.	Period secs.	Ampl. μ	Δ km.	Remarks.
Sept. 2/3	NE	i	23	56	2				
	NE	i	00	0	14				
	E	i		10	25				
	N	e		16	0				
	N	L		20	35				
	E	L		21	35				
	N	M		29	16	27	49		
	E	M		32	32	25	48		
		F	01	7	-				
Sept. 4.	E	e	16	3	20				
	E	M		9	30	15	2		
	N	M		15	24	16	2		
		F		23	-				
Sept. 6.	E	e	09	2	34				Very slight on N-S
		F		13	-				
Sept. 8.	E	i	15	28	12				
	N	iP$_1$		28	58			158°.0	
	NE	i$_1$		29	28			17555km	
	E	i$_2$		29	36			T_o = 15.9.12 G.M.T.	
	N	i		30	41				
	NE	iSKP		32	31				
	N	iPP		33	5				
	E	i	15	34	47				
	NE	i		35	26				
	NE	iSKS		35	51				
	NE	iPPP		36	47				
	NE	iSKKS		40	44				
	N	iPSKS		44	31				
	N	iPPS		47	41				
	NE	i		50	41				Very marked on E-W
	NE	i		52	12				
	E	iSS		53	55				
	N	iSSS	16	0	9				
	E	e		8	22				
	N	L		20	50				
	E	L		23	50				
	E	M		29	45	26	186		
	N	M		37	3	18	124		
		F	18	27	-				
Sept. 10.	E	i	12	28	0				Very slight
		F		42	-				
Sept. 10.	E	iP	14	0	28				
	E	i		10	9			78.6°	
	E	iS		10	25			8735km	
	E	i		11	1			T_o = 13.48.35 G.M.T	
	E	iSSS		18	56				No N-S record available.
	E	L		27	6				
	E	M		35	22	20	27		
			15	53	-				

SEISMOLOGICAL BULLETIN.

No.6. June - September 1948.

King's College Observatory,
Aberdeen.

Date	Components	Phase	Time G.M.T. h.	m.	s.	Period secs.	Ampl. μ	Δ km.	Remarks.
Sept. 11.	NE	iP	08	58	46			21.1°	
	NE	iS	09	2	34			2345km	
	NE	iSS		3	20			T_o = 08.54.8 G.M.T.	
		F		19	-				
Sept. 21.	E	i	17	56	25				
	N	i		57	27				
	E	M	18	10	14	15	3		
	N	M		10	19	14	4		
		F		32	-				
Sept. 23.	NE	e	01	36	56				
	E	M		38	51	20	4		
	N	M		38	54	20	6		
		F	02	0	-				
Sept. 24.	N	e	21	42	0				
	E	e		43	5				
	E	M		55	5	20	3		
	N	M		55	18	20	6		
		F	22	15	-				
Sept. 25.	N	eL	00	11	10				Very slight on E-W
	E	e		14	15				
	N	M		18	40	16	11		
		F		55	-				
Sept. 25	N	e	04	9	5				Very slight on E-W
	E	e		13	30				
		F		21	-				
Sept. 26.	N	i	01	20	47				No indication on E-W
		F		22	-				
Sept. 28.	N	i	22	6	25				
	E	i		7	2				Obscured by microseisms
	N	M		14	7	40	33		
		F		40	-				

Natural Philosophy Department,
Marischal College,
The University,
Aberdeen.

SEISMOLOGICAL BULLETIN.

No. 1. October - December 1948.

King's College Observatory,
Aberdeen.

Lat.57°10' M. Long. 2.6'W. Height above M.S.L. 12m.

Lithologic Foundation: Glacial deposit over boulder clay.

Instruments: Milne-Shaw seismograph.
Photographic registrations: Two Components.

Compts.	Mass.	To.	Damping Ratio.	Magnification	1" Tilt	Date from which constants apply.
N	1 lb.	10 sec.	20.1	150	18.1	5/4/48.
E	1 lb.	10 sec.	20.1	150	18.1	5/4/48.

Date	Components	Phase	Time G.M.T. h.	m.	s.	Period secs.	Ampl.	Δ km.	Remarks.
Oct.1.	N	e	03	55	0				
	N	M	04	0	59	17	3		Slight effect at 04h 7m on E-W
		F		13	-				
Oct.4.	N	e	06	41	8				
	N	M_1		45	1	20	10		
	E	M		50	53				Slight
	N	M_2		52	30	17	16		
		F	07	7	-				
Oct.5.	NE	iP	20	20	10				N 20h 20m 14s.
	E	iPP		21	44				
	N	i		21	59			43°	
	NE	i		22	45			4780km	T_o =20h 12m 18s.
	NE	iS		26	36				
	NE	iSS		29	43				
	E	i		35	34				
	E	L		37	21				
	N	M		43	28	12	115		
	E	M		43	31	15	~~[illegible]~~ (77)		
		F	00	6	-				
Oct.6.	N	e	01	51	7				
	E	e		53	57				Surface waves.
		F	02	10	-				
Oct.10.	N	i	17	53	44				
	E	i		53	54				
	N	M	18	1	2	15	8		Slight on E-W.
		F		14	-				

No.2. October - December 1948.

King's College Observatory,
Aberdeen.

Date	Components	Phase	Time G.M.T. h.	m.	s.	Period secs.	Ampl. μ	Δ km.	Remarks.
Oct.15.	N	i	23	14	8				No trace on E-W.
	N	e		39	57				
	N	M		45	51	20	7		
		F	00	11	-				
Oct.23	E	i	05	41	34				
		F		44	-				
Oct.28	E	e	21	25	30				
				52	-				
Nov.3.	E	e	06	18	46				
	E	M		46	58	20	6		
		F	07	14	-				
Nov.13.	E	i	05	0	23				
	E	M		3	48	12	3		
		F		10	-				
Nov.19.	E	e	01	41	32				
	E	M		45	29	20	6		
		F	02	6	-				
Nov.26.	E	e	06	35	26				
	E	M		41	44	30	13		
		F	07	8	-				
Nov.28.	E	e	22	21	52				
	E	M		27	51				
		F		35	-				
Dec.4.	E	iP	00	34	58			79.6°	
	E	iPP		37	58			8845Km	
	E	iS		45	0				T_o=00.23.0 G.M.T.
	E	iSS		50	22				
	E	iSSS		53	38				
	E	e		58	46				
	E	L	01	6	15				
	E	M		13	52	13	21		
		F		51	-				
Dec.5.	E	e	00	21	25				
	E	i		25	16				Obscured by micro-seisms.
		F		35	-				
Dec.5.	E	e	07	59	-				
		F	08	23	-				
Dec.20/21.	E	e	23	52	20				
	E	M		55	30	23	11		
		F	00	8	-				

SEISMOLOGICAL BULLETIN.

No. 3. October - December 1948.

King's College Observatory,
Aberdeen.

Date	Components	Phase	Time G.M.T. h.	m.	s.	Period secs	Ampl. μ	Δ km.	Remarks.
Dec.23	E	c	09	0	40				
	E	i		1	0				
	E	c		9	43				
	E	cL		26	-				
	E	M		34	40	21	8		
		F	10	2	-				
Dec.31.	E	c	00	23	50				
	E	M		28	24	20			Obscured by micro-seisms.
	[illegible]	F		30	-				

N-S component out of action from 17th October, 1948.