SEISMOLOGICAL BULLETIN.

No.1. January - March 1947.

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 seismograph.
Photographic registration: 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.3.	N	i	02	48	46				Beginning obscured by micro-seisms.
	E	i		49	3				
	N	eL	03	0	21				
	E	eL		0	31				
	E	M		8	27	18	33		
	N	M		8	47	15	22		
		F		38	-				
Jan.24.	NE	e	17	10	49				
	E	eL		32	2				
	N	eL		33	58				
	E	M		43	8	15	5		
	N	M		43	15	15	10		
		F	18	2	-				
Jan.25.	E	e	04	16	52				
	N	e		24	59				
	NE	eL		30	2				
	E	M		39	12	17	7		No definite maximum on N-S.
		F	05	7	-				
Jan.26.	NE	iP	10	18	28				
	E	iPP		21	21			72.7°	N-S e
	E	i		23	40			8080km	
	NE	iS		27	53				
	N	iSS		32	32				
	N	iSSS		35	53				
	E	eL		40	42				
	E	M		44	8	22	43		Maximum on N-S uncertain.
		F	11	45	-				

SEISMOLOGICAL BULLETIN.

No.2. January - March 1947.

King's College Observatory,
Aberdeen.

Date.	Components.	Phase.	Time G.M.T. h.	m.	s.	Period secs.	Ampl. μ	Δ km.	Remarks.
Feb.7.	NE	i	09	3	11				
	E	e		13	3				
	N	e		13	13				
	N	e		39	0				
	E	eL		42	0				
	N	L		44	50				
	N	M		53	30	29	10		
	E	M	10	1	17	22	7		
		F		57	-				
Feb.10.	NE	i	04	20	45				
	N	e		27	52				
	N	L		31	40				
	E	L		33	10				
	N	M		40	6	25	57		
	E	M		41	14	15	19		
		F	05	27	-				
Feb.12.	NE	eL	20	54	51				
	E	M	21	3	21	14	3		
		F		15	-				
Feb.21	NE	e	22	46	13				
	E	e		51	33				
	N	i		52	13				
	N	i		58	47				
		F	23	13	-				
Feb.24.	NE	i	17	54	44				
	N	i		55	24				
	NE	i		56	34				
	NE	eL	18	13	15				
	E	M		20	25	21	55		
	N	M		20	47	20	19		
		F	19	10	-				
Mar.2.	N	e	20	10	6				
	E	e		10	21				
	N	M		15	16	26	23		
	E	M		16	26	25	13		
		F		35	-				
Mar.17.	E	i	08	38	48			53.5°	
	N	i		39	2			5945km.	
	NE	iP		39	38				
	N	i		44	3				
	E	iS		47	10				N 08h 47m 1s.
	E	L		52	28				
	N	L		52	32				
	N	M		58	10	18	231		
	E	M	09	0	7	17	114		
		F	10	32	-				

SEISMOLOGICAL BULLETIN.

No.3. January - March 1947.

King's College Observatory,
Aberdeen.

Date.	Components.	Phase.	Time G.M.T. h.	m.	s.	Period secs.	Ampl.	Δ km.	Remarks.
Mar.25.	N	e	21	3	45				
	NE	i		7	18				
	NE	i		21	10				
	E	i		30	13				
	NE	e		49	15				
	E	L		54	16				
	N	L		57	37				
	E	M	22	18	21	21	36		
	N	M		26	14	18	34		
		F	23	7	-				

SEISMOLOGICAL BULLETIN.

No.1. April - June 1947.

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.	△ km.	Remarks.
Apr. 2	NE	iP	05	59	0				W-E eP
	NE	iPPP	06	4	24			88°	
	NE	i		6	0			9780km	
	NE	i		8	39				
	NE	SKS		9	24				
	NE	iS		9	44				
	NE	iPS		10	39				
	N	iSS		15	10				
	E	iSSS		18	47				
	NE	L		32	14				
	E	M		38	39	27	97		
	N	M		39	24	24	106		
		F	08	48	-				
Apr. 2.	N	e	21	8	5				
	E	e		8	21				
	E	L		31	16				
	N	L		31	26				
	E	M		40	52	16	25		
	N	M		41	23	16	22		
		F	22	20	-				
Apr.4.	NE	e	01	53	26				
	N	M		55	25	22	6		
		F	02	5	-				
Apr.10.	NE	e	16	23	26				
	N	L		36	29				
	E	L		37	56				
	N	M		40	18	15	15		
	E	M		41	1	15	18		
		F	17	25	-				

SEISMOLOGICAL BULLETIN.

No.2. April - June 1947.

King's College Observatory,
Aberdeen.

Date	Components	Phase	Time G.M.T. h.	m.	s.	Period secs.	Ampl. μ	Δ km.	Remarks.
Apr.11.	N	i	14	53	15				
	N	eL	15	12	11				E-W missing
	N	M		16	19	30	30		
		F		52	-				
Apr.12.	NE	i	14	15	8				
	E	M		20	19	14	4		
	N	M		22	4	15	10		
		F		38	-				
Apr.14.	N	iP	07	27	25			75.9°	
	NE	iS		37	7			8435km.	
	N	iSS		42	35				
	E	i		47	51				
	NE	L		58	21				
	E	M	08	6	0	20	79		
	N	M		6	16	19	62		
		F	10	15	-				
Apr.16	NE	e	14	32	-				
		F		44	-				
Apr.19.	NE	e	20	43	15				
	NE	M		44	52	18	20		E 15s 8μ
		F		53	30				
Apr.24.	NE	iP	19	45	0				E-W eP
	N	iPPP		48	10			56°	
	NE	iS		52	47			6220km	
	N	i		56	1				
	E	iSS		56	16				
	NE	L		58	25				
	E	M	20	2	30	12	23		
	N	M		4	16	10	22		
		F	21	15	-				
May 2.	NE	i	03	39	4				
	N	e		47	30				
	E	e		48	20				
	N	M	04	4	38	20	6		
		F		13	-				
May 6.	NE	i	20	51	34			125°	
	NE	iS	21	1	14			13890km	
	E	iPS		3	44				
	N	iSS		8	54				
	NE	iSSS		13	5				
	N	i		20	18				
	E	L		23	29				
	N	L		28	54				
	N	M		38	58	27	83		
	E	M_1		39	31	22	100		
	E	M_2		41	58	25	109		
		F	23	29	-				

SEISMOLOGICAL BULLETIN.

No.3. April - June 1947.

King's College Observatory,
Aberdeen.

Date	Components	Phase	Time G.M.T. h.	m.	s.	Period secs.	Ampl. μ	Δ km.	Remarks
May 11.	NE	i	06	37	11			22.5°	
	NE	i		41	12			2500km	
	E	L		44	2				
	N	L		44	14				
	E	M		47	25	16	16		
	N	M		48	34	15	18		
		F	07	10	-				
May 11.	N	e	19	3	44				
	E	e		4	14				
	N	e		37	34				
	E	L		41	9				
	E	M		45	33	25	9		
		F	20	11	-				
May 17	N	i	07	12	13				W-E missi
	N	i		28	37				
	N	i		37	24				
	N	i		52	35				
	N	i	08	17	44				
	N	L		31	18				
	N	M		59	34	20	28		
		F	09	50	-				
May 25.	E	e	23	46	15				
	N	e		47	5				
	N	M		55	15	20	4		
	E	M		55	46	18	7		
		F	00	4	-				
May 27.	E	e	06	18	-				
	N	i		19	15			118°	
	E	i		26	15			13110km	
	NE	iSS		29	25				
	NE	i		38	15				
	NE	i		45	38				
	N	L		49	8				
	E	L		51	15				
	E	M		58	11	29	171		
	N	M		58	15	29	112		
		F	08	40	-				
June 1.	NE	i	11	28	4				
	NE	L		32	39				
	E	M		34	26	20	16		
	N	M		34	30	19	10		
		F		59	-				

SEISMOLOGICAL BULLETIN.

No.4. April - June 1947.

King's College Observatory,
Aberdeen.

Date	Components	Phase	Time G.M.T. h.	m.	s.	Period secs.	Ampl. mm	Δ km.	Remarks.
June 2.	E	iP	06	51	11				
	E	i		56	35			67°	N - S
	E	iS	07	0	4			7450km	missing
	E	i		6	35				
	E	L		9	16				
	E	M		14	11	20	19		
		F		49	-				
June 4.	NE	iP	00	35	2				
	NE	iS		39	26				
	N	iSS		40	23				
	NE	eL		42	31				
	N	M_1		44	35	12	10		
	E	M_1		44	37	13	13		
	N	M_2		47	22	10	13		
		F	01	18	-				
June 7.	E	i	19	9	11				N - S
	E	i		13	10			96.3°	missing
	E	eL		32	27			10700km	
	E	M_1		39	54	32	100		
	E	M_3		44	46	26	124		
		F	20	27	-				
June 10.	NE	eP	11	49	0				
	E	eL	12	1	35			42°	
	N	eL		1	50			4670km	
	N	M		4	45	30	12		
	E	M		5	12	27	15		
		F		33					
June 10	NE	e	19	50	7				
	N	M		54	12	16	4		
	E	M		54	30	20	5		
		F	20	20	-				
June 12	NE	iP	09	20	39			88.5°	
	E	i		26	27			9720km	
	N	i		27	29				
	N	SKS		30	39				
	N	E		41	17				
	N	L_E		46	9				
	E	L_E		50	9				
	N	L_R		52	0				
	E	M_R		56	1	30	79		
	N	M		58	0	35	100		
		F	11	43	-				

SEISMOLOGICAL BULLETIN.

No. 5. April - June 1947.

King's College Observatory,
Aberdeen.

Date	Components	Phase	Time G.M.T. h.	m.	s.	Period secs.	Ampl.	Δ km.	Remarks.
June 13.	N	i	20	38	39				
	N	iP		42	23				
	E	i		43	22				
	N	i		49	0				
	E	i		50	49				
	E	i		57	15				
	N	L	21	8	29				
	N	M		15	42	25	39		
	E	M		16	6	26	47		
		F	23	37					
June 14.	N	i	00	8	0				
	NE	e		14	30				May be a renewal of the previous disturbance
	NE	L		38	29				
	N	M		54	23	17	12		
	E	M		54	41	17	14		
		F	02	3	-				
June 19	NE	i	07	51	53				
	NE	i		58	41				
	NE	i	08	0	57				
	NE	i		5	40				
	N	M		34	23	22	13		
	E	M		34	29	19	12		
		F	09	40	-				

SEISMOLOGICAL BULLETIN.

No.1. July - September.

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 registration: Two components.

Compts	Mass	No	Damping Ratio	Magnification	1" Tilt	Date from which constants apply
N	1 lb.	10 sec.	20:1	150	18.1	2/7/47.
E	1 lb.	10 sec.	20:1	150	18.1	2/7/47.

Date	Components	Phase	Time G.M.T. h.	m.	s.	Period secs.	Ampl. μ	Δ m	Remarks.
July 7	N	e	22	50	7				Very slight.
		F		59	-				
July 10	E	e	10	40	10				
	N	e		41	20				
	N	M		54	15	17	3		
	E	M		56	7	17	4		
		F	11	25	-				
July 10	E	e	16	27	19				Very slight on N-S
	E	M		54	13	16	3		
		F	17	6	-				
July 12	N	i	02	20	12				E-W Component not recording between 12.7.47 and 4.8.47.
	N	eL		44	30				
		F	03	10	-				
July 12	N	e	13	45	10				
	N	M	14	6	10	17	2		
		F		55	-				
July 16	N	e	20	7	50				
		F		20	-				
July 24	N	i	12	36	28				
	N	i		40	11				
	N	e	13	25	7				
	N	L		33	52				
	N	M		40	7	20	8		
		F		47	-				

SEISMOLOGICAL BULLETIN.

No.2. July - September.

King's College Observatory,
Aberdeen.

Date	Components	Phase	Time G.M.T. h.	m.	s.	Period secs.	Ampl. μ	Δ km.	Remarks.
Aug.4.	E	e	18	29	55				
		F		45	-				
Aug.5.	E	iP	14	34	48				
	E	iPP		36	1			60.6°	
	E	iPPP		37	16			6735Km	
	E	iS		42	4				
	E	iSS		45	55				
	E	L		55	30				
	E	M_1		59	28	30	157		
	E	M_2	15	9	47	18	102		
		F	17	55	-				
Aug.7.	E	i	12	38	15				
	E	L		40	40				
	E	M		44	56	11	3		
		F		59	-				
Aug.9.	E	e	03	6	4				
	E	L		13	56				
	E	M		18	13	12	5		
		F		48	-				
Aug.15.	NE	e	04	18	59				
	E	e		22	55				
	N	i		28	47				
	E	L		32	24				
	E	M		35	27	11	4		
	N	M		35	54	10	3		
		F		50	-				
Aug.17.	NE	e	09	51	54				
	NE	M	10	0	4	(E15	5		
		F		17	-	(N17	10		
Aug.22.	E	e	03	40	54				Very slight on N-S.
		F	04	3	-				
Aug.23.	NE	e	05	4	55				
	E	M		19	53	17	3		
	N	M		20	2	20	3		
		F		35	-				
Aug.24	E	iP	11	53	55				
	E	iPP		57	50			94.2°	
	E	iS	12	5	7			10465Km	
	E	iPS		6	8				
	E	iSS		11	34				
		F		43	-				

SEISMOLOGICAL BULIETIN.

No.3. July - September.

King's College Observatory,
Aberdeen.

Date	Components	Phase	Time G.M.T. h.	m.	s.	Period	Ampl. μ	Δ km.	Remarks.
Aug.27	E	e	14	0	39				
	NE	i		10	24				
	E	i		20	39				
	NE	i		22	34				
	E	e		54	26				
	N	e		59	0				
	E	L	15	11	54				
	E	M		18	0	18	11		
	N	M		18	5	17	8		
		F	16	15	-				
Aug.30	E	iP	22	27	27				
	E	iPP		28	5			26.7°	
	E	iS		32	5			2965Km	
	E	iSS		33	16				
	E	i		34	51				
	E	L		36	53				
	E	M		38	22	16	36		
		F	23	33	-				
	E-W Component only from here onwards.								
Sept.3	E	e	20	3	4				
	E	M		10	11	24	6		
		F		42	-				
Sept.4	E	e	01	47	57				
	E	M		57	0	18	3		
		F	02	3	-				
Sept.10	E	e	00	27	58				Very slight
		F		38	-				
Sept.13	E	i	15	20	59				
	E	i		26	1				
		F		37	-				
Sept.17	E	e	18	5	42				
	E	e		12	13				
	E	M		14	14	18	4		
		F		49	-				

SEISMOLOGICAL BULLETIN.

No.4. July - September.

King's College Observatory,
ABERDEEN.

Date	Components	Phase	Time G.M.T. h.	m.	s.	Period secs.	Ampl. A	Δ km.	Remarks.
Sept.23	E	iP	12	38	36				
	E	iPP		41	2			64.5°	
	E	iPPPP		43	35			7165Km	
	E	i		44	55				
	E	i		47	0				
	E	iS		47	15				
	E	iPS		47	44				
	E	i		49	20				
	E	iSS		51	34				
	E	i		52	56				
	E	L		57	40				
	E	M_1	13	2	46	15	73		
	E	M_2		4	38	12	77		
		F	14	43	-				
Sept.25/26	E	e	23	57	5				
	E	e	00	11	40				
	E	eL		19	55				
	E	M		29	30	30	44		
		F	01	17	-				
Sept.26.	E	e	03	22	11				
	E	i		23	40				
	E	e		34	10				
	E	M		39	0	13	8		
		F	04	2	-			84.6° 9400Km	
Sept.26	E	iP	16	14	32				
	E	iPP		18	3				
	E	i		21	53				
	E	iS		25	0				
	E	i		26	8				
	E	iSS	16	30	23				
	E	L		37	28				
	E	L_R		40	53				
	E	M		46	0	36	110		
		F	17	46	-				

SEISMOLOGICAL BULLETIN.

No.1. October-December, 1947.

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	△ km.	Remarks.
Oct.3.	E	i	06	23	0				Impulse
	E	i		30	34				very
	E	i		33	36				distinct
	E	i		42	50				Impulse
	E	i		45	52				very
	E	M		53	46	13	9		distinct
		F	07	31	-				
Oct.3/4	E	iP	23	44	17				
	E	iS		54	10			78°	
	E	eL	00	5	49			8665km	
	E	M		14	14	30	15		
		F		35	-				
Oct.5.	E	i	19	0	58				
	E	i		6	32				
	E	i		10	38			95.6°	
	E	e		16	46			10620km	
	E	L		34	8				
	E	M		41	34	27	44		
		F	21	17	-				
Oct.6.	E	iP	20	1	8				
	E	i		3	0			26.0°	
	E	iS		5	40			2890km	
	E	i		6	9				
	E	i		8	8				
	E	L		9	58				
	E	M		13	23	23	657		
		F	21	55	-				

SEISMOLOGICAL BULLETIN.

No.2. October-December, 1947.

King's College Observatory,
Aberdeen.

Date	Components	Phase	Time G.M.T. h.	m.	s.	Period secs.	Ampl.	Δ km.	Remarks.
Oct.6	E	e	22	54	38				Continuatio
	E	e	23	2	40				of previous
	E	M		9	15	20			disturbanc
		F		19	-				
Oct.10	E	e	07	57	31				
	E	e	08	11	3				
	E	eL		14	58				
	E	M		22	14	16	8		
		F		52	-				
Oct.10.	E	e	15	10	53				
	E	eL		22	38				
	E	M		29	6	17	4		
		F	16	2	-				
Oct.14.	E	e	03	5	48				Slight
	E	M		14	10	20	5		
		F		48	-				
Oct.16.	E	iP	02	19	32				
	E	i		21	24			56.6°	
	E	iS		27	23			6290km	
	E	iPS		27	47				Alaskan
	E	iSS		31	19				Shock
	E	iSSS		32	57				
	E	L		34	10				
	E	M		38	0	32	385		
		F	05	23	-				
Oct.20	E	e	01	59	47				Repetitio
	E	iS	02	0	54				of
	E	i		4	37				Alaskan
	E	L		6	52				Shock cf.
	E	M		11	50	30	48		U.S.C.G.S.
		F	03	29	-				
Oct.27	E	e	10	34	36				
	E	M		42	50	13	3		
		F		53	-				
Nov.1	E	i	06	19	56				
	E	i		34	5				
	E	L		59	15				
	E	M	07	8	44	19	8		
		F		58	-				

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Date	Components	Phase	Time G.M.T. h.	m.	s.	Period secs.	Ampl. μ	Δ km.	Remarks.
Nov.1.	E	iP	15	11	58				
	E	iPP		15	14			84.3°	
	E	iPcP		17	9			9365km	
	E	iS		22	24				Peruvian
	E	iPS		23	4				Shock
	E	i		25	52				
	E	iSS		28	39				
	E	L		41	54				
	E	M		47	59	20	96		
		F	18	18	-				
Nov.2.	E	e	07	34	50				Slight
		M		42	53	20	4		
		F		52	-				
Nov.4.	E	i	00	29	1				
	E	i		30	30				
	E	i		39	8				
	E	L		43	44				
	E	M		52	7	20	63		
		F	01	45	-				
Nov.9.	E	i	05	29	22				
	E	L		21	2				
	E	M		30	52	19	8		
		F	07	15	-				
Nov.17.	E	i	10	21	25				Slight
	E	i		24	14				
	E	M		25	48	16	5		
		F		36	-				
Nov.20	E	e	08	52	30				Very
		F	09	19	-				Slight
Nov.21	E	eL	20	12	9				
	E	M		19	59	20	6		
		F		29	-				
Nov.21.	E	i	04	34	14				
		e		38	4				
		M		44	16	12	11		
		F	05	5	-				
Nov.23.	E	e	10	9	34				
	E	M		20	16	19	20		
		F		35	-				
Nov.29	E	i	10	23	45				
	E	M		31	41	14	4		
		F		39	-				

SEISMOLOGICAL BULLETIN.

No.4. October-December, 1947.

King's College Observatory,
Aberdeen.

Date	Components	Phase	Time G.M.T. h. m. s.	Period secs.	Ampl. μ	Δ km.	Remarks.
Dec.9/10	E	i	23 50 39				
	E	eL	54 25				
	E	M	00 3 26	16	7		
		F	12 -				
Dec.15.	E	e	19 40 40				
	E	eL	20 40 10				
	E	M	48 23	20	6		
		F	21 31 -				
Dec.19.	E	i	16 59 48				
	E	eL	24 26				
	E	M	33 25	20	6		
		F	18 5 -				
Dec.29	E	i	18 18 14				Very Slight
		F	24 -				
Dec.29	E	i	18 54 31				May be part of previous distur-bance.
		F	19 0 30				
Dec.30	E	i	00 8 58				
		F	15 -				
Dec.30	E	e	02 35 29		Very slight		)
		F	50 -				) These
Dec.31	E	i	05 36 59		Very slight		) two are
	E	M	39 34	16	5		) probably
		F	53 -				) related.