

RATHFARNHAM CASTLE OBSERVATORY,

RATHFARNHAM, DUBLIN, IRELAND.



SEISMOLOGICAL BULLETIN FOR March ___ April. 19 39

Lat. 53° 17' 55"N. Long. 6° 16' 57"W. Height above M.S.L. 52m.

Foundation : Boulder Clay resting on limestone.

INSTRUMENTS 1. O'Leary Seismometer. (1700 Kgs., N.S., E.W.)

2. Milne Shaw Seismometer. (E.W.)

Period. Damping Ratio. Magnification.
12S. 20:1 260

DATE	PHASE	G. M. T.			PER	AMP.	DIST.	REMARKS.
		h.	m.	s.				
March 1 st . to 9 th .							Microseisms much in evidence.	
15	i	12	42	2				
	e		47	3				
16	i	14	21	35				
	i		27	49				
17	e	11	43	8				
	e		44	5				
	eL		48	9				
							March 17 24h. to March 18 2h. 20m. increased microseisms.	
20	iP	3	35	21				
	iPP		37	50				
	iB		45	54				
	iPS		46	41				
	eL	4	4	15				
	M		18	45				
	F		52	00				
						5,900.		
21	eL	1	49	00				
	i1	2	2	42				
	i2		9	00 ?				
							March 21 ___ 23 very microsei.	
Apr. 5	iP	17	2	26				
	iPRI		5	57				
	i		10	19				
	iPS		15	50				
	e		30	53				
	eL		47	15				
	M	18	3	23				
						11,700.		
6	i	18	2	5				
	i		3	2				
8	i	10	4	11				
	i		7	25				

Rathfarnham Castle Observatory, Dublin, Ireland.

SEISMOLOGICAL BULLETIN

.....March.....April.....



International
Seismological
Centre

DATE	PHASE	G. M. T.	PER	AMP.	DIST.	REMARKS.
		h. m. s.	s.		Km.	
13	i	19 47 00				
	i	54 11				
	I	20 00 35				
18	iP'	6 35 22				
	iPR _I	39 42				
	ISKS	46 5				
	iS	46 53				
	iPS	47 39				
	i	49 55				
	i	54 14				
	i	7 0 2				
	L	5 19				
	L	13 15			10910	
	F	9 30 00				
20	iP	4 36 15				
	i	49 8				
	e	52 00				
	e	54 15				
30	iP	3 14 51				
	i	16 23				
	iP _I	17 47				
	iPR _I	20 51				
	iSKS	22 4				
	i	23 49				
	i	24 15				
	iS	25 36				
	i	28 00				
	i	33 00				
	L?	59 00			14645	

H. Lawler. S. J.

RATHFARNHAM CASTLE OBSERVATORY,

RATHFARNHAM, DUBLIN, IRELAND.



SEISMOLOGICAL BULLETIN FOR MAY 1 - JUNE 12 19 39

Lat. 53° 17' 55"N. Long. 6° 16' 57"W. Height above M.S.L. 52m.

Foundation : Boulder Clay resting on limestone.

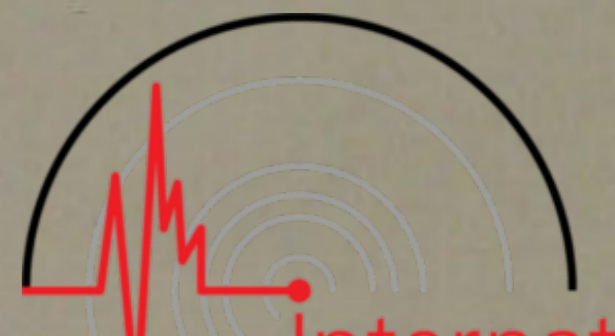
INSTRUMENTS 1. O'Leary Seismometer. (1700 Kgs., N.S., E.W.)

2. Milne Shaw Seismometer. (E.W.)

Period. Damping Ratio. Magnification.
12S. 20:1 260

DATE	PHASE	G. M. T.			PER s.	AMP.	DIST. Km.	REMARKS.
		h.	m.	s.				
MAY 1	eP	6	11	22				
	ePP		14	27				
	iS		22	12				
	iP	6	12	45				
	iPP		15	49				
	iS		22	51				
	MM		52				9680	Consecutive shocks.
	eP	16	18	31				
	iS		28	36				
	e		33	47				
e		50	33					
F	17	30						
2	eP	13	29	7				
	i		36	22				
	iS		39	43				
	iPS		41	2				
	MM		54					
	F	16					9680	
6	eL	17	52	33				
8	iP	1	51	28				
	i		54	00				
	iS		56	15				
	MM		57	1				
	MM		59	58				
	F ²	6					2265	
	e	8	59	3				
	eP	16	20	50				
ePP		22	2					
eS		25	42					
eL		27	00			2700		
9	eL	8	8	3				

Rathfarnham Castle Observatory, Dublin, Ireland.



International
Seismological
Centre

SEISMOLOGICAL BULLETIN

MAY I - JUNE 12

39

DATE	PHASE	G. M. T.			PER	AMP.	DIST. Km.	REMARKS.
		h.	m.	s.				
MAY 10	eL F	7	57					
		9						
15	eL eL	18	6	35				
			14	15				
16	eP e e eS eL F	7	32	20				
			35	3				
			39	23				
			42	50				
		8	2	56				
		10	12					
17	eP i eL F	18	41	57				
			49	19				
		19	19	16				
		21						
20	i eL	9	44	20				
			46	40			May 22 - 25: records unsatisfactory.	
26	e eL F	10	16	23				
			20	48				
			53				May 27: traces c. 3h.56. confused.	
30	i i e F	10	23	47				
			26	12				
			27	27				
		11	4				Weak.	
31	i i e F	27	34	12				
			34	54				
			37	57				
			55				Weak.	

Rathfarnham Castle Observatory, Dublin, Ireland.



SEISMOLOGICAL BULLETIN

.....JUNE 1 - 12..... 1999

DATE	PHASE	G. M. T.			PER	AMP.	DIST.	REMARKS.
		h.	m.	s.				
JUNE 2	1P	3	47	48				
	1PR ₁		52	33				
	1PR ₂		54	24				
	1S	4	00	6				
	1PS		I	45				
	I		33	10				
	F	6					I2345.	
3	eL	16	24	52				
	eL		29	12				
	F		36				June 4-6: records unsatisfactory.	
7	eL	1	56	23				
	F	2	26					
8	1P	21	6	18				
	i		6	55				
	i		9	58				
	i		10	30				
	eL		51	56				
	F	23					June 9: traces 18h.-20. June 12: traces 15h.-16.	

RATHFARNHAM CASTLE OBSERVATORY,

RATHFARNHAM, DUBLIN, IRELAND.



SEISMOLOGICAL BULLETIN FOR JULY 12 - AUG 31, 1939

Lat. 53° 17' 55"N. Long. 6° 16' 57"W. Height above M.S.L. 52m.

Foundation : Boulder Clay resting on limestone.

INSTRUMENTS 1. O'Leary Seismometer. (1700 Kgs., N.S., E.W.)

2. Milne Shaw Seismometer. (E.W.)

Period. Damping Ratio. Magnification.
12S. 20:1 260

DATE	PHASE	G. M. T.			PER	AMP.	DIST.	REMARKS.
		h.	m.	s.				
	eP	23	7	41	s.	Km.		
	eL		11	41				
12-13	eP	28	29	9				
	eL		56	6				
	F	I	45					
16	eP	12	11					
	F		37					
18	eP	3	37	32				
	ePP		38	6				
	eS		46	32				
	eL		57	37				
	M	4	6	42				
	F	5	13					
20	iP	2	41	46				
	i		43	5				
	iS	2	45	11				
	e		48	26				
	F	4	11					
25	eL	3	54	15				
	F	4	20					
	eL	15	38	18				
	F		44					
28							Traces 10h. 19m. and 16h. 10m.	
AUG. 1							Records confused.	

Rathfarnham Castle Observatory, Dublin, Ireland.



International
Seismological
Centre

SEISMOLOGICAL BULLETIN

JULY 15 - AUG. 31 1939

DATE	PHASE	G. M. T.			PER s.	AMP.	DIST. Km.	REMARKS.
		h.	m.	s.				
Aug. 2	1 F	13	11	29				
			43					
3	e F	3	46	20				
		5	6					
	e F	12	42	50				
			49	10				
	F	13	45					
4							Traces 1Ch. 26m.	
5	e F	21	23	39				
			32					
9	e e F	12	29	35				
			43	12				
	F	13	5					
12	eP eS eL	10	1	10				
			11	40				
			33	00				
18	1P 1 1 eL F	22	35	40				
			36	22				
		22	58	8				
			19	57				
		00	37					
19	eL F	2	3	12				
		3	5					
22	1P eL F	00	29	22				
			52	20				
		1	22					
24	e	13	20	15				
26	e e	8	33	22				
			45	40				
28	e e F	11	37	00				
			45	33				
			59					
30							Traces 13h. 5In.	