

6th - Dec. 1954. 1

OBSERVATORY  
26 JAN 1955  
CHMOND, SURREY.

# SEISMOLOGICAL BULLETIN

KING'S COLLEGE OBSERVATORY, ABERDEEN

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.

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

  

Compt.	Phase	Time G.M.T. h. m. s.	Period sec.	Ampl. μ	Δ° km.	Remarks: Time of origin.
E	i	03 17 36			133°	U.S.C.G.S.: 11°S, 166°E. T <sub>0</sub> = 02h 55.8m  N 28m 30s.
N	iPKS	18 24			14780Km	
E	i	20 31				
E	iSKS	22 03				
N	iSKKS	24 12				
E	iPPS	28 50				
E	iSS	35 08				
E	iSSS	39 28				
N	eL	04 01 59				
E	eL	02 29				
E	M <sub>1</sub>	14 46	22	7		
N	M	15 59	20	6		
E	M <sub>2</sub>	29 36	20	8		
	F	05 25 -				
N	iPP	03 09 19			132°	U.S.C.G.S.: 10°S 166°E T <sub>0</sub> = 02h 47.6m
E	i	10 06			14660Km	
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 -				
NE	iP	11 28 47			59.4°	U.S.C.G.S.: 60°N, 151°W T <sub>0</sub> = 11h 18m 43s
E	i	28 59			6600Km	
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				
	F	12 58 -				
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 -				

No. 2.

# SEISMOLOGICAL BULLETIN

## KING'S COLLEGE OBSERVATORY, ABERDEEN

Compt.	Phase	Time G.M.T.			Period sec.	Ampl. μ	Δ° km.	Remarks: Time of origin.
		h.	m.	s.				
E N E N E	i iP e M M F	00	31	10 40 40 33 56 -	15 15	3 3	U.S.C.G.S.: 71°N, 14°W. Jan Mayen region	
N N N N	e i e M F	23	19	00 51 30 53 -	15	10	U.S.C.G.S.: 31½°N, 116½°W No E-W record obtained	
E E N E N E	iP i L L M M F	17	52	10 50 50 09 51 19 -	12 13	14 14	U.S.C.G.S.: 57½°N, 32½°W	
N E E N	e e M M F	01	14	20 20 00 56 -	17 20	4 16	U.S.C.G.S.: 41°S, 81°E Confused by microseisms	
N	e F	10	23	50 -			U.S.C.G.S.: 31½°N, 116°W	
E E E E E E E E E	iPP iPPP iSKS iSKKS i e e L M M R F	08	43	51 01 47 45 07 26 55 15 54 33 33 -	22 22	13 30	U.S.C.G.S.: 7½°S, 119°E. T <sub>0</sub> = 08h 24.4m No N-S record available	
N E N E N E	i e L L M M F	13	00	51 35 56 50 32 06 -	17 18	20 13	U.S.C.G.S.: 31½°N, 116°W	
N E N E	e e M M F	06	00	35 40 35 00 -	20 15	3 2		
NE N E NE NE	iS i i iSS iSSS	11	37	26 20 56 20 10			U.S.C.G.S.: 75° 8340Km T <sub>0</sub> = 11h 16.1m	

# SEISMOLOGICAL BULLETIN

## KING'S COLLEGE OBSERVATORY, ABERDEEN

Compt.	Phase	Time G.M.T.			Period sec.	Ampl. μ	Δ° km.	Remarks: Time of origin.
		h.	m.	s.				
NE	L	48	53					
E	M	55	00	22	100			
N	M <sub>1</sub>	55	22	19	84			
N	M <sub>2</sub>	12 00	57	17	64			
	F <sup>2</sup>	51	-					
E	i	21 33	55				Nothing on N-S record	
	F	40	-					
E	e	08 08	45					
E	M	20	43	20	6		U.S.C.G.S.: 5°S, 152½°E Obscured on N-S component by shaking of building.	
	F	29	-					
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	-					
E	e	03 56	50					
E	M	04 04	37	20	3			
N	e	05	55					
	F	22	-					
NE	iP	13 01	15			18.0°	U.S.C.G.S.: 52½°N, 32°W	
E	i	01	21			2000Km	T <sub>0</sub> = 12h 57m 10s.	
N	iS	04	31					
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	-					
E	e	11 18	20			81.4°	U.S.C.G.S.: 39½°N, 118°W	
NE	iPI	19	19			9045Km } I	T <sub>0</sub> = 11h 07.1m	
E	iPPI	22	40					
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 <sub>1</sub>	48	42	15	108			
N	M <sub>1</sub>	50	08	15	84			
N	M <sub>2</sub>	52	28	15	84			
E	M <sub>2</sub>	53	27	15	139			
	F	14 30	-					
NE	iS	20 16	49			70.6°	U.S.C.G.S.: 41°N, 124°W.	
NE	i	18	49			7845Km	T <sub>0</sub> = 20h 56m 20s	
E	iSS	21	45					
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	-					

no. 4

# SEISMOLOGICAL BULLETIN

## KING'S COLLEGE OBSERVATORY, ABERDEEN

Dec.  
28  
  
30  
  
30

Compt.	Phase	Time G.M.T.			Period sec.	Ampl. μ	Δ° km.	Remarks: Time of origin.
		h.	m.	s.				
N N E	e	01	58	30				
	M	02	18	58	20	4		
	F	20	40		20	6		
N E N NE N E	e	03	09	-				
		11	15	30				
	e	16	45					
	i	17	28					
	i	17	43					
	eL	20	50					
N E	M	22	40		15	3		
	M	22	47		15	3		
	F	35	-					
N N E	e	12	08	30				
		19	38		15	1		
	M	22	43		15	1		
	F	29	-					

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