

KONINKLIJK NEDERLANDSCH METEOROLOGISCH INSTITUUT.

No. 108.

SEISMIC RECORDS
AT DE BILT

30.

1942.

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TE VERKRIJGEN BIJ | EN VENTE CHEZ
DE RIJKSUITGEVERIJ TE 'S GRAVENHAGE.
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PREFACE

This thirtieth number of the De Bilt seismic records differs from the preceding ones in language only. The records have been worked out by Dr. J. Veldkamp, director of the section earthmagnetism and seismology.

*The Chief Director of the Royal Netherland
Meteorological Institute,*

Prof. Dr. Ir. F. A. Vening Meinesz

DE BILT, June 1945

INTRODUCTION.

The geographic coordinates of the seismic station are: $52^{\circ} 6' N$, $5^{\circ} 11' E$. The instruments are standing 3 m above mean sea-level. The subsoil is sand (diluvial deposits).

The following instruments were continuously working:
two horizontal and one vertical seismographs with galvanometric recording after GALITZIN.

one astatic horizontal seismograph after WIECHERT, $M = 200$ kg.

two horizontal pendulums after BOSCH, $M = 25$ kg.

THE GALITZIN SEISMOGRAPHS. Below are given: the period of the galvanometer T_1 , the reduced length of pendulum l , the distance between the mirror of the galvanometer and the recording paper A_1 , and the limits for the natural period of the undamped pendulum T , of the damping constant μ and of the multiplying factor k for the year 1942.

	NS comp.	EW comp.	Z comp.
Period of galvanometer T_1	24,43 sec	24,96 sec	12,0 sec
Reduced length of pendulum l	123,1 mm	122,6 mm	406 mm
Distance A_1	1380 mm	1380 mm	1380 mm
Period of pendulum T	21,00—22,73 sec	23,20—25,45 sec	12 sec
Damping constant μ	—0,133; 0,137	—0,010; 0,151	0
Multiplying factor k	10,52—10,84	10,03—11,12	178

THE WIECHERT AND BOSCH SEISMOGRAPHS. The mean values of the natural period of the undamped pendulum T , of the damping ratio ϵ and of the static magnification V are for the year 1942:

	T	ϵ	V
WIECHERT (NS comp.)	4,9 sec	4	156
„ (EW comp.)	4,9 sec	4	170
BOSCH (NS comp.)	18,0 sec	4	20
„ (EW comp.)	18,0 sec	4	20

THE MEASURING OF THE RECORDS.

For working out the records the seismographs after Galitzin were used almost exclusively. The velocity of the recording paper is here 30 mm per minute. Only when the earthquake was extraordinarily strong, so that the Galitzin records were not to be entangled, the soot records of the seismographs WIECHERT and BOSCH were used. The velocity of the paper on these seismographs is smaller, viz. 10 mm and 15 mm per minute respectively. When the WIECHERT or BOSCH records were used, this has been mentioned in the column "remarks".

The time is Greenwich mean time, from midnight till midnight counted as 0 till 24 hours. In the column "direction" + means an upward movement of the soil (compression), — means a downward movement (dilatation). Uncertain data have been given in parenthesis. The subjoined symbols were used for the phases.

- P = normal first phase, or first longitudinal tremor.
 pP = wave one time reflected at the earth's surface near the epicenter.
 PP = wave reflected halfway between epicenter and station.
 PPP = P-wave two times reflected at the earth's surface.
 PPPP = P-wave three times reflected.
 S = second phase, arrival of the transversal tremor.
 sS = S-wave reflected at the earth's surface near the epicenter.
 PS = wave changed from longitudinal to transversal oscillation through reflection at the earth's surface.
 PPS = wave twice reflected, having been transversal on one branch of the path.
 SS = S-wave reflected halfway between epicenter and station.
 PcP = P-wave reflected at the core boundary.
 ScS = S-wave reflected at the core boundary.
 P' = PkP = PcPcP = wave having penetrated the core.
 S' = SkS = ScPcS = transversal wave, having been longitudinal within the core.
 pP' = P'-wave reflected near the epicenter.
 sS' = S'-wave reflected near the epicenter.
 SsPsP = alternating wave which has penetrated the core.
 L = long waves or surface waves.
 M = maximum of the surface waves.
 L' = surface waves traveling around the major arc.
 M' = maximum of these waves.

- i = sudden beginning of the phase.
 e = gradual beginning of the phase.
 F = end of discernable movement.
 H = time of the shock at point of origin.
 h = depth of the origin.
 Δ = distance of epicenter.

The indices H, N, E and Z refer to the horizontal, north-south, east-west and vertical components.

The distance of epicenter and the depth of origin have been calculated by means of the curves of Brunner's "focal depth-time-distance chart" and the time tables of Macelwane (1933).

The data given in the column "amplitude" are the maximum amplitudes measured from the media line. Generally the first and largest maximum of the L-waves has been given only. When the oscillations were too small or too irregular the amplitude has been omitted. The amplitudes have been calculated by means of the formula:

$$V = \frac{A_1 k T_b}{\pi l} \cdot \frac{1}{\left\{1 + \left(\frac{T_b}{T}\right)^2\right\}^2}$$

Here A_1 is the distance between galvanometer mirror and recording paper, T_b is the period of the wave, l the reduced length of pendulum, k the multiplying factor, T the own period of the undamped seismograph, and V is the magnification.

For the horizontal components of the Galitzin records the mean values were used: $k = 10,9$ and $T = 24,5$ sec.

For the vertical component of the Galitzin records they were: $k = 17,5$ and $T = 12,0$ sec.

Only a few publications of other seismological stations were available. These were the stations: Budapest, Bucarest, Collmberg, Uppsala and Zürich.

THE MICROSEISMIC ACTIVITY.

The table on page VII gives the character of the microseismic activity (see also 1915 p. 101 and 1916 p. 101). The employed numbers 0, 1, 2 and 3 mean:

- 0 very weak and weak
 1 moderate
 2 strong
 3 very strong

For measuring the microseismic activity the records of the WIECHERT seismograph were employed. In the table below the amplitudes of the oscillations (measured from the media line) and the corresponding amplitudes of the movement of the soil are given.

Character	Ampl. record	Ampl. soil
0	0— $\frac{1}{4}$ mm	0— $1\frac{1}{4}$ μ
1	$\frac{1}{4}$ —1 „	$1\frac{1}{4}$ —5 „
2	1—2 „	5—10 „
3	>2 „	>10 „

Character of the microseismic movement.

Date 1942	Jan.	Febr.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0, 1, 0	0	2, 1	1, 2	0	0	0	0	0	0	0	1, 2
2	0	0	1	2, 1, 2	0	0	0	0	0, 1, 0	0, 1, 0	0, 2, 0	2, 1
3	0, 1	0, 1	1, 2	2, 1	0	0	0, 1	0, 1	0, 1	0, 1, 0	0, 2, 1	1
4	1, 2	1	2	1	0	0	1, 0	1	1	0	1, 0	1
5	2, 1	1	2, 1	1, 2	0	0	0	1	1	0	0, 1	1, 2
6	1, 0	1, 0	1	2	0, 1	0	0, 1, 0	1, 0	1	0, 1, 0	1	2, 1
7	0, 1, 0	0	1, 0	2, 1	1, 0	0	0	0	1	0, 1	1, 2, 1	1, 2, 1
8	0	0	0	1, 0, 1	0, 1, 0	0, 1, 0	0, 1, 0	0	1	1, 2	1, 0	1
9	0, 1	0, 1, 0	0	1, 2, 1	0	0, 1, 0	0, 1, 0	0	1, 0	2	0, 1, 0	1
10	1, 0	0, 1	0	1, 0	0	0	0, 1	0, 1	0, 1, 0	2, 3, 2	0	1
11	0	1	0	0, 1, 0	0	0	1, 3	1, 2, 1	0	2, 1	0	1, 2
12	0, 1	1, 2, 1	0, 1	0	0	0	3, 2, 1	1	0	1	0, 1, 0	2, 3
13	1	1, 2	1	0	0	0, 1	1, 0, 1	1, 0	0	1	0	3, 2
14	1	2, 1	1	0	0	1, 0	1, 0	0	0	1	0	2, 3, 2
15	1, 2	1, 0	1	0	0	0	0	0	0, 1	1, 2	0, 1	2, 1
16	2, 1	0, 1	1, 0	0	0	0, 1, 0	0, 2, 1	0, 1, 0	1, 2	2	1, 2	1, 2, 1
17	1, 0	1	0, 1	0	0	0, 1, 0	1, 0	0	2	2	2, 1	1, 2, 1
18	0	1, 0	1, 0	0	0	0	0, 1	0	2, 1	2, 1	1, 0	1
19	0, 1	0, 1, 0	0, 1, 0	0	0, 1, 0	0	1, 2, 1	0, 1, 0	1	1	0	1, 0, 1
20	1	0, 1	0	0	0	0	1, 0	0	1	1, 0, 1	0, 1	1
21	1	1, 0	0	0	0	0	0	0	1, 2	1, 2	1	1, 0, 1
22	1, 0	0	0	0	0	0	0, 1	0	2, 1	2, 1	1	1, 0, 1
23	0, 1	0	0	0	0, 1, 0	0	1	0	1, 2, 1	1	1, 2, 1	1
24	1, 2, 1	0	0	0, 1, 0	0, 1, 0	0	1, 3	0	1	1	1, 0	1, 0
25	1, 3	0	0	0, 1, 0	0, 1, 0	0, 1, 0	3, 1	0	1	1	0	0
26	3, 1	0, 1	0, 1, 0	0	0, 1	0, 1, 0	1, 0	0	1, 0	1, 2	0, 1, 0	0
27	1, 2, 1	1	0	0	1	0, 1, 0	0, 3, 1	0	0	2	0, 1	0
28	1, 2	1, 2	0	0, 1, 0	1, 0	0	1, 0	0	0, 1, 2	2, 1, 2	1	0, 3, 2
29	2, 1		0, 1	0, 1, 0	0, 1, 0	0	0	0	2, 1	2, 1	1, 2, 1	2, 3
30	1, 3, 2		1, 0	0	0	0	0	0	1, 0	1, 0	1, 0, 1	3, 2, 1
31	2, 1, 0		0, 1		0		0	0		0, 1, 0		1, 3, 1

Date 1942	Phase	Time			Direction	Period	Amplitude	Remarks
		h	m	s				
Jan. 1 (1)	eL	0	28			20	4	
	MN	0	30					
	F	0	33					
Jan. 5 (2)	e	23	17					
	F	23	20					
Jan. 7 (3)	eL	9	51					
	F	9	54					
Jan. 7 (4)	eL	11	49			33	8	
	ME	11	54					
	F	12	20					
Jan. 8 (5)	eL	13	58			15	2	
	MN	13	59					
	F	14	5					
Jan. 8 (6)	eE	15	35	52				
	eH	15	36	17				
	F	15	38					
Jan. 9 (7)	e	7	40					
	F	7	58					
Jan. 9 (8)	e	10	21					
	F	10	35					
Jan. 18 (9)	eZ	16	58					
	eN	17	1					
	F	17	15					
Jan. 18 (10)	e	21	18					
	F	21	30					
Jan. 20 (11)	eLN	7	9			25	6	(11) F during measurement of constants.
	LEZ	7	16			22	10	
Jan. 21 (12)	e	13	0					
	F	13	15					
Jan. 23 (13)	eL	8	12					
	F	8	25					
Jan. 23 (14)	eL	22	23			20	7	
	F	22	50					

Date 1942	Phase	Time	Direction	Period	Amplitude	Remarks
Jan. 27 (15)	e(PP)	13 49 28				(15) Δ about 11000 km. Disturbed by microseismic movement.
	e(S)	13 57 0				
	i(SS)	14 5 18				
	eLH	14 19		60	50	
	MN	14 27		35	60	
	F	16 0				
Jan. 29 (16)	iz	9 43 11	+			(29) Strong microseisms.
	(iz)	9 43 43				
	eL	10 5 20		30	10	
	eL	10 30				
	F	11 30				
Jan. 30 (17)	eL	12 53				
	MN	12 56		35	25	
	F	14 0				
Jan. 31 (18)	e	7 24				
	F	7 35				
Jan. 31 (19)	eL	18 8				
	MN	18 13		25	30	
	F	18 55				
Feb. 2 (20)	iP	17 10 29				(20) Δ = 2550 km. Earthquake focus in Anatolia according to Zürich.
	eS	17 14 38				
	eL	17 17		17	10	
	iHZ	17 20 14				
	F	17 30				
Feb. 2 (21)	e	19 0				
	F	19 20				
Feb. 4 (22)	e	17 50				
	F	18 1				
Feb. 4 (23)	e	23 32				
	F	23 39				
Feb. 5 (24)	eP	1 20 38				(24) Δ = 2450 km.
	eS	1 24 36				
	eL	1 29				
	F	1 45				
Feb. 7 (25)	e	10 40				
	F	10 47				
Feb. 8 (26)	eLH	21 9		25	5	
	eLz	21 14		23	4	
	F	21 35				

Date 1942	Phase	Time	Direction	Period	Amplitude	Remarks
Feb. 13 (27)	iz	6 38 47	(-)			(27) Disturbed by strong microseisms. Change of papers 6 ^h 52 ^m —6 ^h 59 ^m .
	iz	6 39 6	(-)			
	eL	7 41				
	F	8 30				
Feb. 14 (28)	eN	11 10 30				
	eEZ	11 14 30				
	F	11 20				
Feb. 14 (29)	eLE	13 33 30		35	5	
	M	13 36		29	5	
	F	14 0				
Feb. 16 (30)	iP	18 27 16	-			
	ipP	18 27 29	-			
	iz	18 30 11				
	iz	18 30 40				
	eH	18 31 4				
	eL	19 3				
	F	19 50				
Feb. 17 (31)	eL	5 25				
	F	5 50				
Feb. 18 (32)	e	17 41				
	F	17 50				
Feb. 20 (33)	eZ	1 11 52				
	eL	1 42				
	F	2 5				
Feb. 21 (34)	iP	7 20 4	+			(34) Δ = 9100 km, Japan. h = 60 km.
	iPP	7 23 16	+			
	iPPP	7 25 6				
	eS	7 30 16				
	eSS	7 36		30	5	
	eLH	7 45 30		42	14	
	eLz	7 50				
	ME	7 51 30		30	35	
	Mz	7 52 30		30	23	
	eL	9 23 20				
	F	9 50				
Feb. 21 (35)	eL	22 23				
	MN	22 25		28	6	
	F	22 37				
Feb. 22 (36)	e	10 45				
	F	11 25				

Date 1942	Phase	Time	Direction	Period	Amplitude	Remarks
Feb. 23 (37)	e F	3 30 3 50				
Feb. 23 (38)	eL F	12 30 12 42				
Feb. 25 (39)	e F	21 45 21 50				
Feb. 26 (40)	e F	8 2 8 10				
Feb. 28 (41)	eL F	5 20 5 25				
March 1 (42)	e MEZ F	10 30 10 38 11 0		20	9	
March 4 (43)	eH eH eL MH F	4 40 4 46 4 51 4 53 5 0		20	7	(43) Disturbed by microseisms.
March 5 (44)	iP iS iH F	19 59 45 20 9 8 20 9 42 21 15	(-)			(44) $\Delta = 8200$ km, deeper than normal.
March 6 (45)	eL F	21 13 21 42				
March 8 (46)	eH eH	4 52 50 4 55 20				(46) F lost in the next earthquake.
March 8 (47)	eP e(PcP) iS eSS eSSS eL F	4 56 50 4 57 50 5 5 6 5 9 0 5 11 30 5 14 6 5				(47) $\Delta = 6700$ km.
March 8 (48)	eL F	11 50 12 1				
March 9 (49)	e F	10 53 11 0				

Date 1942	Phase	Time	Direction	Period	Amplitude	Remarks
March 11 (50)	e F	11 30 11 43				
March 11 (51)	eLH MH Mz F	22 44 22 45 30 22 46 30 22 53		18	5	
March 12 (52)	eH eLz MEZ F	14 16 14 25 14 30 14 38		17	3	
March 19 (53)	e F	10 26 10 36				
March 19 (54)	iH iH eL MH F	12 20 5 12 24 33 12 32 12 37 13 35		23	14	
March 20 (55)	iP iS eSS eLE eLNZ Mz e(M') F	1 24 47 1 34 29 1 39 20 1 54 1 57 2 3 3 16 3 30	+			(55) $\Delta = 8400$ km. Epicenter off the Aleutian islands, according to Zürich.
March 20 (56)	e F	5 49 5 55				
March 20 (57)	e F	13 15 13 36				
March 21 (58)	iP i(pP) iPP iPPP ePPPP iS iPS eSS eSSS	23 33 27 23 33 45 23 36 52 23 39 0 23 40 17 23 43 51 23 44 52 23 48 27 23 53 40	+			(58) $\Delta = 9700$ km, Japan. h = 100 km?
March 22	eLH MN F	0 3 0 6 2 5		35	34	

Date 1942	Phase	Time			Direction	Period s	Amplitude μ	Remarks
		h	m	s				
March 22 (59)	iP	2	16	54	+		(59) $\Delta = 5200$ km, h = 200 km. Focal region Hindu Kush. (Lahore, according to the newspapers).	
	iz	2	17	14	-			
	ipP	2	17	39	-			
	i(PcP)	2	18	0	+			
	iPP	2	18	49	+			
	iPPP	2	19	47	-			
	ieZ	2	20	10				
	iS	2	23	42				
	isS	2	24	38				
	eSS	2	27	30				
	F	3	10					
March 25 (60)	eLH	8	20					
	F	8	40					
March 27 (61)	e	18	59					
	F	19	5					
March 29 (62)	eE	1	57		27	3		
	ME	2	0					
	F	2	15					
March 30 (63)	iH	9	21	5				
	eL	9	23					
	F	10	0					
April 8 (64)	iP	15	53	48	+		(64) $\Delta = 10400$ km, Philippine Islands. Felt in the Batan-peninsula, according to newspapers.	
	iz	15	54	6	+			
	iPP	15	57	51				
	iS	16	4	57				
	eSS	16	11	30				
	eN	16	17					
	eL	16	23		50	200		
	eL	16	27					
	MN	16	30		32	300		
	ME	16	30		34	260		
	F	20	0					
April 8 (65)	eL	20	18					
	MH	20	22		23	10		
	F	21	20					
April 9 (66)	eLH	0	46					
	F	1	10					
April 9 (67)	eLH	5	31		22	7		
	MH	5	34					
	eLz	5	40					
	F	6	5					

Date 1942	Phase	Time			Direction	Period s	Amplitude μ	Remarks
		h	m	s				
April 11 (68)	eE	1	47	30		35	3	
	eL	2	4					
	F	2	25					
April 11 (69)	eL	17	5					
	F	17	30					
April 13 (70)	iP	7	56	3	+			(70) $\Delta = 6500$ km, from SW-direction. According to Zürich epicenter in the Atlantic, St. Paul's Rock.
	ePPP	7	59	36	+			
	iS	8	3	56				
	eSSS	8	10	30				
	eL	8	15					
April 13 (71)	F	9	5					
April 13 (72)	eE	11	30					
	F	12	0					
April 13 (72)	eE	14	49					
	eL	14	55					
	F	15	10					
April 19 (73)	eE	2	19			20	2	
	eL	2	26					
	F	2	52					
April 20 (74)	iP	1	40	12				(74) $\Delta = 2000$ km.
	eS	1	43	45				
	eL	1	46					
	F	1	55					
April 20 (75)	iP	8	53	46	-			(75) $\Delta = 7000$ km, deeper than normal. Epicenter in Yunnan according to Collmberg and Zürich.
	iS	9	2	17				
	eE	9	4	45				
	eE	9	8	5				
	F	9	55					
April 21 (76)	e	4	8					
	F	4	15					
April 23 (77)	eLE	0	1			25	2	
	ME	0	6			18	5	
	Mz	0	6			18	3	
	F	0	30					
April 27 (78)	iP	9	22	5				(78) $\Delta = 2700$ km.
	iS	9	26	25				
	eL	9	28					
	F	9	55					

Date 1942	Phase	Time	Direction	Period	Amplitude	Remarks
April 27 (79)	eL	14 28		20	5	
	Mz	14 32				
	F	14 45				
April 30 (80)	e	3 5				
	F	3 25				
May 3 (81)	ez	10 20 30				
	F	10 24				
May 5 (82)	eLN	4 3		19	3	
	MN	4 4				
	eLz	4 8				
	Mz	4 9				
	F	4 20				
May 6 (83)	eLE	23 23		24	6	
	MEz	23 25				
	F	23 31				
May 8 (84)	iz	8 32 13	+			
	iz	8 32 23				
	F	8 34				
May 10 (85)	eL	12 58		25	1	
	ME	13 0				
	F	13 5				
May 11 (86)	e	18 56				
	F	19 20				
May 12 (87)	eLE	0 10		27	2	
	ME	0 15				
	eLz	0 19				
	Mz	0 21				
	F	0 30				
May 13 (88)	ez	8 54 9		18	2	
	eL	9 0				
	ME	9 1 30				
	F	9 7				
May 13 (89)	eL	10 54				
	F	11 0				
May 13 (90)	eH	21 29		20	1	
	Lz	21 39				
	F	22 0				

Date 1942	Phase	Time	Direction	Period	Amplitude	Remarks	
							h m s
May 14 (91)	iP	2 26 10	+			(91) Δ = 9800 km, Ecuador. Destructions in Guayaquil.	
	iP	2 26 13					
	izH	2 29 40					
	iS	2 36 53					
	eL	2 49		31	410		
	ME	2 57					
May 14 (92)	F	7 30				(92) After-shock of (91)?	
	iP	8 51 41					
	iS	9 2 10					
May 15 (93)	eLE	9 22					
	F	9 50					
	eP	2 56 33				(93) Δ = 2450 km.	
	eS	3 0 25					
May 15 (94)	eLE	3 2		17	5		
	eLN	3 3					
	F	3 40					
	iP	11 3 27					
May 15 (95)	eS	11 14 5					
	ePS	11 15 3					
	eL	11 35		25	1		
	F	12 0					
	eP	12 4 9	+				
iS	12 14 48						
iPS	12 15 46						
eLE	12 36	24		4			
F	14 30						
May 15 (96)	LN	14 47		25	2		
	Lz	14 53					
	F	14 55					
May 17 (97)	e	13 6					
	F	13 12					
May 17 (98)	iP	15 27 7				(98) Δ = 9800 km.	
	iS	15 37 45					
	F	17 0					
May 18 (99)	e	0 42 20					
	eHZ	0 44					
	F	0 47					
May 18 (100)	eLH	18 50					
	F	19 0					

Date 1942	Phase	Time	Direction	Period	Amplitude	Remarks
May 20 (101)	e F	18 34 19 10				
May 21 (102)	iP iz iz eS eL F	3 46 50 3 47 10 3 47 30 3 50 24 3 53 4 15	(-)			(102) Δ = 2050 km, epicenter between Kreta and Greece.
May 22 (103)	e LE ME F	11 6 11 12 11 14 12 30		22	2	
May 22 (104)	eN F	20 12 21 36				
May 23 (105)	eLH MN Lz F	2 45 2 47 2 51 2 57		17	2	
May 23 (106)	eZH eH eL MN F	13 19 45 13 27 0 13 55 14 1 15 5		20	4	
May 23 (107)	eZ eH F	20 23 0 20 30 20 50				
May 24 (108)	iP eS eLH eLz MH F	3 39 15 3 49 40 4 10 4 22 4 25 5 0		35 18	5 7	(108) Δ = 9200 km.
May 24 (109)	eL MH F	22 4 22 8 30 22 35		20	10	
May 27 (110)	eHZ F	4 10 50 4 13				

Date 1942	Phase	Time	Direction	Period	Amplitude	Remarks
May 27 (111)	eH eH eL MN Mz F	7 16 30 7 22 30 7 56 8 4 8 5 9 15		21 20	16 20	(111) Beginning during change of papers.
May 28 (112)	iP iP' iPP iPPP iE i(PS) eSS eSSS eSSSS eL MN F	1 16 1 1 19 23 1 20 32 1 23 30 1 27 20 1 29 58 1 35 30 1 39 30 1 44 1 55 1 59 4 0	(-)			(112) Δ = 13300 km.
May 28 (113)	e F	15 47 15 56				
May 29 (114)	iP iz iS eL F	5 37 3 5 37 15 5 41 11 5 43 6 35	(-)			(114) Δ = 2700 km.
May 30 (115)	e F	8 4 8 20				
May 31 (116)	eH F	2 53 20 3 30				
May 31 (117)	eL	5 58				(117) F during change of papers.
May 31 (118)	(iz) eH eL F	13 6 45 13 23 30 13 49 15 0				
May 31 (119)	e F	21 57 22 7				
June 1 (120)	eP eS eL	9 5 26 9 8 55 9 10 50	(+)			(120) Δ = 2100 km. Focus in Greece according to Zürich. F lost in the next shock.

Date 1942	Phase	Time	Direction	Period	Amplitude	Remarks		
							h m s	s
June 1 (121)	iP	9 21 48	+			(121) Δ = 2000 km, Greece. The same focus as (120).		
	eS	9 25 8						
	eLH	9 27						
	eLz	9 29 30						
	F	10 7						
June 1 (122)	e	11 29						
	F	11 35						
June 1 (123)	iP	12 18 8	-			(123) Δ = 2150 km. After-shock of (121).		
	eS	12 21 44						
	eL	12 23						
	MN	12 25						
	F	12 35						
June 1 (124)	iP	22 14 25	+			(124) Δ = 2100 km. After-shock of (121).		
	eS	22 17 58						
	L	22 20 30						
	F	22 30						
June 2 (125)	eZ	0 49 20						
	iz	0 51 14						
	eH	0 57 10						
	eH	1 4 35						
	eLE	1 15						
	ME	1 22						
F	3 15	25	10					
June 3 (126)	eH	5 9						
	eL	5 30						
	F	6 0						
June 3 (127)	eZ	16 53 3						
	LH	17 39						
	F	18 5						
June 4 (128)	e	15 32 30						
	F	15 40						
June 6 (129)	eZ	11 44 40						
	eZ	11 53 40						
	eL	12 19						
	ME	12 24						
	F	12 50					24	2
June 6 (130)	eZ	15 13 55						
	eH	15 30 30						
	eL	15 53						
	ME	15 55						
	F	16 20					28	5

Date 1942	Phase	Time	Direction	Period	Amplitude	Remarks		
							h m s	s
June 7 (131)	eL	11 12						
	MN	11 14						
	F	11 25					26	2
June 9 (132)	e	11 44						
	F	11 55						
June 10 (133)	iP	1 19 21				(133) Δ = 8000 km.		
	eS	1 28 40						
	eL	1 42						
	F	2 25						
June 10 (134)	iPP	10 39 40	+			(134) Δ about 12000 km		
	ePPP	10 42 20						
	eLH	11 10						
	MH	11 18					21	30
	eLz	11 20						
	Mz	11 26					18	20
F	13 0							
June 10 (135)	e	15 8						
	F	16 0						
June 11 (136)	e	18 15						
	F	18 30						
June 12 (137)	eH	10 45 10						
	eLH	11 0						
	eLz	11 5						
	ME	11 7					22	10
F	12 0							
June 13 (138)	iz	19 34 27	-					
	eL	20 40						
	ME	20 45					18	2
	F	21 25						
June 14 (139)	ePP	3 28 25				(139) Δ = 12000 km.		
	eS'	3 34 41						
	iPS	3 37 38						
	eSS	3 43 35						
	eLH	4 0						
	ME	4 3					30	8
	eLz	4 9						
	Mz	4 14					22	9
F	5 40							

Date 1942	Phase	Time	Direction	Period	Amplitude	Remarks
June 14 (140)	e(P)	14 43 15				(140) Δ = 11000 km?
	e(PP)	14 47 14				
	e(S')	14 54 0				
	eLH	15 20				
	eLz	15 25				
	MH	15 25	20	4		
	Mz	15 34	18	4		
	F	16 10				
June 15 (141)	e	6 7				
	eL	6 10				
	F	6 50				
June 15 (142)	iP ₁ '	14 6 13	—			(142) Δ = 17800 km.
	iP ₂ '	14 6 53	+			
	iPP	14 10 35	—			
	eS'	14 13 5				
	F	14 30				
June 15 (143)	eLN	17 20				
	Lz	17 30				
	F	17 45				
June 16 (144)	iP	4 52 46				(144) Δ = 2600 km, Anatolia.
	iS	4 56 57				
	eL	4 59				
	F	5 45				
June 16 (145)	iP	5 46 57	—			(145) Δ = 2100 km, Balkan-quake. F during change of papers.
	iz	5 47 43	(—)			
	iz	5 48 26	(+)			
	eS	5 50 30				
	eL	5 52				
June 16 (146)	iP	7 55 43				(146) Δ = 9800 km.
	eS	8 6 25				
	eL	8 25				
	F	8 50				
June 16 (147)	eH	9 22 25				
	eL	9 25 30				
	F	9 35				
June 16 (148)	iP	21 18 3	—			(148) Δ = 10000 km.
	i(pP)	21 18 19	—			
	e(S')	21 28 32				
	ePS	21 30 13				
	eL	21 47				
	MEZ	21 53	21	3		
	F	23 30				

Date 1942	Phase	Time	Direction	Period	Amplitude	Remarks
June 17 (149)	eZ	16 4 30				
	F	16 7				
June 18 (150)	e	7 52				
	F	7 57				
June 18 (151)	eP	9 45 20				(151) Δ = 12500 km.
	epP	9 45 30				
	iPP	9 49 52	—			
	ipPP	9 50 0	—			
	eS'	9 56 7				
	iPS	9 59 14				
	i(pPS)	9 59 30				
	eSS	10 5 0				
	eSSS	10 9 20				
	eH	10 15				
	eLH	10 22	28	30		
MH	10 26	18	48			
MN	10 30					
F	13 25					
June 19 (152)	eP	19 49 13				(152) Δ = 8700 km.
	eS	19 59 12				
	eL	20 14				
	ME	20 19	32	6		
	Lz	20 25				
	Mz	20 28	23	6		
	F	20 55				
June 20 (153)	e	4 15				
	F	4 20				
June 20 (154)	iP	10 14 39	+			(154) Δ = 9100 km.
	iz	10 14 59	(+)			
	iS	10 24 58				
	iH	10 25 12				
	eSS	10 30 57				
	eSSS	10 35				
	eL	10 43				
	MEZ	10 48	28	5		
F	11 25					
June 21 (155)	iP	4 43 32	+			(155) Δ = 2500 km. Focus according to Zürich 39°N 28°E, in Anatolia.
	iS	4 47 31				
	izH	4 48 12				
	F	5 25				
June 21 (156)	eL	21 43				
	F	21 55				

Date 1942	Phase	Time			Direction	Period s	Amplitude μ	Remarks
		h	m	s				
June 22 (157)	eL	20	40					
	F	21	0					
June 23 (158)	eL	3	48					
	F	3	58					
June 23 (159)	e	16	50					
	F	16	55					
June 24 (160)	eLH	9	44					
	eLz	9	46					
	F	10	10					
June 24 (161)	iz	11	36	33				
	eZH	11	41	40				
	eZH	11	46	20				
	eH	11	48	5				
	eH	11	52	0				
	eH	11	54	0				
	eH	11	58	20				
	eLH	12	36					
	eLz	12	42					
	F	15	0					
June 27 (162)	iE	3	6	6				
	eE	3	12	10				
	F	3	50					
June 28 (163)	eL	0	57					
	F	0	59					
June 28 (164)	eL	16	25		22	2		
	ME	16	26					
	F	16	30					
June 29 (165)	iz	6	45	15			(165) Change of papers 6 ^h 48 ^m —6 ^h 56 ^m .	
	iE	7	0	15				
	eL	7	25					
	F	8	30					
June 30 (166)	e	7	13					
	F	7	19					
June 30 (167)	eLH	8	13					
	MH	8	18		25	2		
	Lz	8	22					
	Mz	8	27		15	3		
	F	8	50					

Date 1942	Phase	Time			Direction	Period s	Amplitude μ	Remarks
		h	m	s				
July 1 (168)	e	23	46					
	F	23	49					
July 3 (169)	e	2	2					
	eL	2	6	15				
	F	2	9					
July 3 (170)	iP	2	59	37				
	iS	3	7	5			(170) Δ = 5900 km.	
	eL	3	19					
	MN	3	24		20	40		
	F	4	50					
July 4 (171)	iP	2	5	57				
	eS	2	16	20			(171) Δ = 9200 km.	
	eL	2	35					
	ME	2	40		20	3		
	F	3	20					
July 4 (172)	iz	6	21	35			(172) Change of papers 6 ^h 45 ^m —6 ^h 55 ^m .	
	F	7	35					
July 4 (173)	eN	19	17	0				
	eN	19	21	30				
	eL	19	37					
	F	20	5					
July 5 (174)	e(P)	10	42	40			(174) Δ = 10000 km?	
	e(S)	10	53	20				
	F	11	30					
July 5 (175)	eL	23	50					
	F	24	0					
July 7 (176)	iP'	3	12	48			(176) Δ = 17000 km, h = 450 km.	
	ipP'	3	14	40				
	i(PP)	3	16	27				
	eSS	3	35	0				
	esSS	3	38	0				
	F	5	10					
July 7 (177)	e	6	5					
	F	6	18					
July 7 (178)	iP	12	50	32			(178) Δ = 1000 km.	
	eS	13	1	0				
	eL	13	24					
	F	14	0					

Date 1942	Phase	Time	Direction	Period	Amplitude	Remarks
July 8 (179)	eP	7 9 28	+			(179) $\Delta = 10000$ km?
	iz	7 12 50	-			
	iPP	7 13 32	-			
	ePPP	7 16 0				
	e(S')	7 20 8				
	i(PS)	7 22 30				
	eL	7 39				
	ME	7 48		30	65	
F	10 15					
July 8 (180)	e	20 15				
	F	20 35				
July 8 (181)	eL	21 58				(181) F lost in the next earthquake.
	MN	22 4		15	18	
July 8 (182)	eP	22 43 40				(182) $\Delta = 9500$ km.
	eS	22 54 15				
	eL	23 13				
	ME	23 18		20	4	
	F	24 45				
July 10 (183)	eLN	3 55				
	F	4 12				
July 10 (184)	eZ	5 2 45				
	F	5 30				
July 12 (185)	iP	5 18 7	+			(185) $\Delta = 9000$ km. According to Zürich epicenter off the coast of Central America.
	ePP	5 21 10				
	eS	5 28 15				
	iz	5 28 49				
	e(SS)	5 32 40				
	eL	5 47				
	ME	5 49		30	24	
	ME	5 56		19	20	
	Mz	5 56		19	15	
	F	8 5				
July 12 (186)	e	19 50				
	F	19 52				
July 13 (187)	eL	0 59				
	F	1 35				
July 17 (188)	eLz	13 59				
	Mz	14 2				
	F	14 12				

Date 1942	Phase	Time	Direction	Period	Amplitude	Remarks
July 18 (189)	e	7 11				
	F	7 14				
July 18 (190)	e	17 9 30				
	F	17 15				
July 20 (191)	e	9 53				
	F	9 57				
July 20 (192)	eLE	14 32				
	Lz	14 38				
	F	14 50				
July 20 (193)	e	17 12				
	F	17 25				
July 21 (194)	eLH	9 25				
	ME	9 33		27	2	
	Mz	9 35				
	F	9 50				
July 24 (195)	eN	5 23 20				(195) E-registration is missing.
	eN	5 36				
	LN	5 45				
July 24 (195)	F	6 20				
July 25 (196)	iP	6 36 10				(196) $\Delta = 11000$ km. Change of papers 6 ^h 47 ^m -7 ^h 01 ^m .
	iz	6 36 40				
	iPP	6 40 8				
	iz	6 40 40				
	iS'	6 46 36				
	iE	6 47 12				
	eL	7 10				
F	8 0					
July 26 (197)	e	7 45				
	F	7 52				
July 29 (198)	e	20 14				
	F	20 16				
July 29 (199)	eH	20 40 18				
	eL	20 48				
	F	21 15				
July 29 (200)	iP	23 3 52	-			(200) $\Delta = 13100$ km.
	iPP	23 8 34	-			
	iPS	23 18 14				
	eL	23 45				
	F	2 0				

Date 1942	Phase	Time	Direction	Period	Amplitude	Remarks
		h m s		s	μ	
Aug. 1 (201)	iz eL	5 7 12 6 12				(201) F during change of papers.
Aug. 1 (202)	iP1' iP2' iPP eS' iPSKS eL	12 54 5 12 55 10 12 59 2 13 1 0 13 9 55 13 55		- (-) +		(202) $\Delta = 18600$ km. Heavy earthquake in South New Zealand. Damages at Wellington. F lost in the next shock.
Aug. 1 (203)	eZ eL F	14 51 15 40 17 0				(203) After-shock of (202)?
Aug. 3 (204)	iz iz iz iz eZ F	20 28 37 20 28 45 20 28 57 20 32 29 20 42 10 21 0		(-) -		
Aug. 4 (205)	e F	20 30 20 35				
Aug. 6 (206)	iP iPP eE iS eSS eL ME Mz ME Mz F	23 49 22 23 52 29 23 58 30 23 59 50 0 5 0 15 0 19 0 19 0 25 0 25 5 0		+		(206) $\Delta = 9200$ km, Central America. Strongly felt in Guatemala.
Aug. 7 (207)	e F	6 45 7 10				
Aug. 7 (208)	e F	9 53 9 57				
Aug. 8 (209)	iH eLE ME F	0 42 11 0 57 30 1 1 1 30			33 3	

Date 1942	Phase	Time	Direction	Period	Amplitude	Remarks
		h m s		s	μ	
Aug. 8 (210)	iz eLH Lz F	7 31 55 7 58 8 4 8 50				
Aug. 8 (211)	eLH eLz F	14 14 14 16 30 14 30				
Aug. 8 (212)	iP eS eSS eLE ME F	22 49 1 22 59 0 23 5 23 16 23 18 0 30				(212) $\Delta = 9000$ km.
Aug. 9	F	0 30		30	10	
Aug. 9 (213)	e F	5 25 5 37				
Aug. 9 (214)	e F	18 44 18 48				
Aug. 11 (215)	e L F	5 33 30 5 38 30 5 50				
Aug. 12 (216)	iP eS eL MN Mz F	20 43 19 20 47 14 20 49 20 50 30 20 52 20 21 15			15 10 6 5	(216) $\Delta = 2300$ km. Bucarest reports: 38° N 26° ,5E, off the coast of Asia Minor.
Aug. 12 (217)	eLH eLz F	22 4 22 6 22 15				
Aug. 13 (218)	iP iz izH izH eS' eLH eLz MN MHZ F	17 6 21 17 6 33 17 7 27 17 7 40 17 16 20 17 48 17 53 17 55 18 3 30 19 10				(218) $\Delta = 14500$ km.
					27 21	2 8

Date 1942	Phase	Time	Direction	Period	Amplitude	Remarks
Aug. 13 (219)	e F	21 16 21 25				
Aug. 14 (220)	(iz) eLH F	8 33 3 9 15 9 35				
Aug. 14 (221)	eH eH (eL) MH F	21 14 25 21 20 21 30 21 35 22 5		25	3	
Aug. 15 (222)	e F	7 21 7 35				
Aug. 15 (223)	eL MH F	8 24 8 26 8 45		20	2	
Aug. 15 (224)	(ePP) eSS eLH eLz F	15 23 0 15 39 30 16 0 16 4 17 30				(224) $\Delta = 14000$ km?
Aug. 16 (225)	eZ eZ eZH F	11 40 18 11 48 55 11 50 0 12 40				
Aug. 16 (226)	eLE ME F	20 47 20 50 21 15		27	2	
Aug. 18 (227)	e F	19 30 19 35				
Aug. 19 (228)	e F	8 49 9 15				
Aug. 19 (229)	e F	16 24 16 33				
Aug. 19 (230)	e F	17 12 17 19				
Aug. 19 (231)	e F	19 8 19 27				

Date 1942	Phase	Time	Direction	Period	Amplitude	Remarks
Aug. 20 (232)	e F	23 18 23 35				
Aug. 22 (233)	eL MH F	9 42 9 46 10 20		28	23	
Aug. 23 (234)	eL Mz F	5 12 5 14 30 5 22		14	2	
Aug. 23 (235)	iP iP iPP iS iS eSS eL ME F	6 46 52 6 47 16 6 49 36 6 56 21 6 56 43 7 1 0 7 12 7 18 9 40	— — —		15	(235) $\Delta = 8000$ km, epicenter off the border of East Asia. Zürich reports: Sea of Okhotsk.
Aug. 23 (236)	e F	15 51 15 55				
Aug. 24 (237)	eLN eLZE F	12 28 12 33 12 40				
Aug. 24 (238)	eL MH F	18 10 18 13 18 40		31	3	
Aug. 24 (239)	iP ePP iS eLH ME F	23 3 54 23 8 0 23 15 10 23 38 23 46 5 0	+		1000	(239) Very strong earthquake from Peru, $\Delta = 10600$ km. The towns of Nazca und Puerto Lomas were devastated. M according to the Wiechert seismograph.
Aug. 25	eLH MH F	15 37 15 40 16 10		28	4	
Aug. 25 (241)	eP eE eN eL F	20 29 19 20 40 10 20 40 45 21 3 23 20				(241) Δ about 10000 km.

Date 1942	Phase	Time	Direction	Period	Amplitude	Remarks
Aug. 26 (242)	ez	12 22 0				
	ez	12 25 45				
	eL	12 55				
	MN	13 0		25	3	
	F	13 40				
Aug. 26 (243)	e	15 0				
	F	15 30				
Aug. 27 (244)	iP	6 17 44	—			(244) Epicenter in Albania. Destructions in Peskopia.
	eL	6 21 30				
	F	7 45				
Aug. 29 (245)	iz	1 8 58	—			
	F	1 20				
Aug. 29 (246)	ez	1 58				
	F	2 5				
Aug. 29 (247)	eLE	13 3		30	3	
	ME	13 5				
	F	13 30				
Aug. 29 (248)	eLE	22 19		30	3	
	ME	22 22				
	F	22 50				
Aug. 31 (249)	eLH	7 24				
	eLZ	7 27				
	ME	7 28		25	1	
	F	7 40				
Sept. 1 (250)	eP	9 47 15				(250) Δ = 2550 km, Asia Minor?
	iS	9 51 24				
	eL	9 54				
	F	11 0				
Sept. 1 (251)	e	16 44				
	F	16 53				
Sept. 1 (252)	iz	19 10 47				
	eL	19 36				
	F	20 5				
Sept. 1 (253)	e	21 10				
	F	21 30				

Date 1942	Phase	Time	Direction	Period	Amplitude	Remarks
Sept. 2 (254)	ez	3 29 0				
	(eL)	3 50				
	F	4 35				
Sept. 2 (255)	e	7 55				
	F	8 10				
Sept. 3 (256)	iz	8 4 26				
	e	8 20				
	F	8 50				
Sept. 4 (257)	e	3 35				
	F	4 0				
Sept. 4 (258)	e	17 54				
	F	19 0				
Sept. 6 (259)	e	16 45				
	F	17 8				
Sept. 8 (260)	iP	16 20 15				(260) Δ = 8900 km.
	iS	16 30 12				
	eLH	16 50				
	eLZ	16 55				
	F	17 20				
Sept. 9 (261)	iP	1 37 5				(261) Δ = 8200 km.
	iS	1 46 34				
	eL	2 0				
	F	3 30				
Sept. 9 (262)	eL	3 54				
	F	4 10				
Sept. 10 (263)	eL	5 39				
	F	6 5				
Sept. 12 (264)	e	6 24				(264) Change of papers 6h51m till 6h59m.
	F	7 0				
Sept. 14 (265)	iP'	11 50 37	+			(265) Δ = 16500 km.
	iPP	11 54 13	—			
	ePPP	11 57 20				
	eSS	12 13 10				
	eL	12 40				
Sept. 16 (266)	F	13 35				
	eH	0 28 30				
	F	1 10				

Date 1942	Phase	Time			Direction	Period s	Amplitude μ	Remarks
		h	m	s				
Sept. 17 (267)	e	21	13					
	F	21	22					
Sept. 18 (268)	eN	11	44	20				
	F	11	50					
Sept. 19 (269)	e	7	45					
	F	7	55					
Sept. 20 (270)	eL	18	55					
	F	19	10					
Sept. 21 (271)	F	7	10				(291) Beginning during change of papers 6h38m till 6h47m.	
Sept. 22 (272)	eE	1	24	0				
	eE	1	29	0				
	eLE	1	46		30	5		
	eLz	1	50		21	8		
	Mz	1	52					
	F	3	0					
Sept. 24 (273)	iP	3	51	45	(-)		(273) $\Delta = 9500$ km.	
	eS	4	2	23				
	eH	4	8					
	eL	4	20					
	F	5	20					
Sept. 25 (274)	e	8	55					
	F	9	45					
Sept. 26 (275)	eP	4	12	35			(275) $\Delta = 9000$ km.	
	iS	4	22	44				
	eL	4	38					
	Me	4	40		35	20		
	F	6	45					
Sept. 27 (276)	e	8	46					
	F	9	0					
Sept. 27 (277)	e	12	24					
	F	12	30					
Sept. 27 (278)	eL	14	15					
	F	15	40					
Sept. 29 (279)	e	13	25					
	F	13	35					

Date 1942	Phase	Time			Direction	Period s	Amplitude μ	Remarks
		h	m	s				
Sept. 30 (280)	eL	16	55					
	F	17	12					
Sept. 30 (281)	iH	22	40	4				
	eL	22	42	30				
	F	22	52					
Oct. 5 (282)	eL	1	57					
	MN	2	2		20	3		
	F	2	40					
Oct. 5 (283)	eL	7	40					
	F	7	48					
Oct. 6 (284)	eL	12	49					
	F	14	0					
Oct. 8 (285)	eL	3	42					
	F	4	0					
Oct. 9 (286)	iP	15	57	12	-		(286) $\Delta = 7500$ km.	
	iS	16	6	20				
	eLH	16	19					
	eLE	16	25		25	8		
	F	17	0					
Oct. 12 (287)	eL	2	5					
	F	2	20					
Oct. 14 (288)	eL	5	5	30				
	F	5	15					
Oct. 14 (289)	e	19	19					
	F	19	25					
Oct. 18 (290)	e	6	7					
	F	6	35					
Oct. 20 (291)	iP	23	35	37	-		(291) $\Delta = 11000$ km. After newspapers epicenter in California, Long Beach.	
	ePP	23	39	20				
	iS'	23	46	15				
	iS	23	47	15				
	eSS	23	54					
Oct. 21	eL	0	10					
	F	3	0					

Date 1942	Phase	Time	Direction	Period	Amplitude	Remarks
Oct. 21 (292)	iH	16 44 55				
	eL	16 56				
	F	18 0				
Oct. 22 (293)	e	1 57				
	F	2 5				
Oct. 22 (294)	e	2 30				
	M	2 40				
	F	3 0				
Oct. 25 (295)	eL	9 23				
	F	10 5				
Oct. 26 (296)	iP	21 21 8	+			(296) $\Delta = 8800$ km.
	iz	21 21 50	+			
	iz	21 27 10	+			
	iS	21 30 58				
	eSS	21 36 30				
	eLE	21 45		40	35	
	MH	21 53		25	55	
F	23 0					
Oct. 27 (297)	e	22 57				
	MN	23 0		18	5	
	F	23 10				
Oct. 28 (298)	eL	0 42				
	MN	0 43 30		15	10	
	F	0 55				
Oct. 28 (299)	iP	2 27 30				(299) $\Delta = 2300$ km, Asia Minor?
	eS	2 31 16				
	eL	2 33				
	F	3 5				
Oct. 28 (300)	iP	10 57 16				(300) $\Delta = 9500$ km.
	iS	11 7 50				
	eL	11 24				
	ME	11 30		24	8	
	F	12 0				
Oct. 29 (301)	e	22 24				
	F	22 45				
Oct. 30 (302)	e	23 27				
	F	23 32				

Date 1942	Phase	Time	Direction	Period	Amplitude	Remarks
Oct. 31 (303)	eL	3 13				
	F	3 25				
Nov. 3 (304)	eP	0 19 10				(304) $\Delta = 14500$ km.
	eSS	0 41 35				
	eL	1 7				
	MN	1 8		35	15	
Nov. 3 (305)	F	2 30				
	eL	14 2				
Nov. 4 (306)	F	14 30				
	e	11 13				
Nov. 5 (307)	F	11 38				
	e	3 10				
Nov. 5 (308)	F	3 55				
	iz	11 46 22	+			
Nov. 5 (309)	eLH	12 42				
	MN	12 46		25	2	
	F	13 0				
Nov. 5 (310)	e	16 1				
	F	16 7				
Nov. 7 (311)	e	8 30				
	F	8 50				
Nov. 7 (312)	eL	12 41				
	F	13 5				
Nov. 10 (313)	iP	11 55 32	+			(312) Extraordinary strong earthquake from SSE-direction, $\Delta = 11500$ km, Indian Ocean?
	iPP	11 59 50				
	iS	12 7 12				
	eSS	12 14 30				
	eL	12 31				
	MN	12 42		21	1500	
Nov. 11 (314)	F	18 0				
	e	2 48				
Nov. 12 (314)	F	2 57				
	iP	5 7 51	+			(314) $\Delta = 9000$ km.
iS	5 18 7					
eSS	5 23					
eLN	5 30					
eLEZ	5 35					
ME	5 36		35	25		
F	6 5					

Date 1942	Phase	Time	Direction	Period	Amplitude	Remarks
Nov. 12 (315)	eH eL F	15 50 0 16 5 16 50				
Nov. 14 (316)	eL ME	6 20 6 26		35	15	(316) F during change of papers.
Nov. 14 (317)	e F	18 41 19 5				
Nov. 15 (318)	iP iS eL	17 6 2 17 9 50 17 11				(318) Δ = 2200 km.
Nov. 15 (319)	eL MN F	17 50 17 57 19 10		27	65	
Nov. 16 (320)	e F	21 45 22 0				
Nov. 17 (321)	e F	11 30 12 0				
Nov. 17 Nov. 18 (322)	eE eLE eLz ME Mz F	23 45 50 0 7 0 11 0 12 0 14 0 45		20 18	5 5	
Nov. 18 (323)	e F	6 53 6 58				
Nov. 18 (324)	eLH eLz F	7 20 7 20 7 30		20 20	3 4	
Nov. 18 (325)	iE F	12 21 11 13 10				
Nov. 19 (326)	iP eS eLN eLz F	9 4 52 9 15 35 9 31 9 34 11 50				(326) Δ = 9500 km.
Nov. 19 (327)	e F	18 6 18 11				

Date 1942	Phase	Time	Direction	Period	Amplitude	Remarks
Nov. 20 (328)	e F	4 44 4 52				
Nov. 21 (329)	eS eL MN F	14 11 10 14 12 30 14 14 14 40		32	15	(329) Δ about 2500 km. Damages at Balikesri (Turkey), according to newspapers.
Nov. 22 (330)	eL MH Mz F	17 21 17 38 17 38 18 15		23 23	8 10	
Nov. 23 (331)	e F	15 10 15 14				
Nov. 24 (332)	e F	1 1 1 12				
Nov. 25 (333)	iP ePP iS eSS eL ME Mz F	1 30 37 1 33 55 1 41 10 1 46 40 1 59 2 9 2 9 2 35				(333) Δ = 9500 km.
Nov. 26 (334)	iP iS eL ME F	14 39 20 14 49 5 15 3 15 5 16 0	(+)			(334) Δ = 8500 km.
Nov. 27 (335)	eL F	18 47 18 55				
Nov. 28 (336)	iP iPP iS eSS eL F	10 48 23 10 50 38 10 56 13 11 0 11 2 30 14 30	+			(336) Δ = 6200 km, shock from SW-direction, South Atlantic.
Nov. 30 (337)	iP ePP eS F	1 4 54 1 7 40 1 14 20 1 55	(-)			(337) Δ = 8000 km.

Date 1942	Phase	Time	Direction	Period	Amplitude	Remarks
Dec. 2 (338)	eLE	1 42		25	4	(339) $\Delta = 2650$ km.
	M	1 47		23	5	
	F	2 20				
Dec. 2 (339)	iP	19 9 29				
	iS	19 13 45				
	eL	19 15 30		25	15	
	MN	19 18				
Dec. 3 (340)	e	2 2 0				
	Lz	2 12				
	F	2 40				
Dec. 4 (341)	eL	16 25				
	F	17 40				
Dec. 5 (342)	iP	14 39 24				
	iS	14 48 19				
	eL	15 1		35	17	
	ME	15 2				
	F	15 35				
Dec. 9 (343)	eLH	3 19				
	F	3 35				
Dec. 9 (344)	eLH	6 57		19	3	
	MH	6 59				
	F	7 20				
Dec. 9 (345)	eL	22 52				
	F	23 45				
Dec. 11 (346)	iP	2 44 22				
	iS	2 48 37				
	eL	2 50 30				
	F	3 30				
Dec. 13 (347)	eL	20 15				
	F	20 30				
Dec. 15 (348)	eL	8 30				
	F	8 50				
Dec. 15 (349)	eL	9 50				
	F	10 20				
Dec. 15 (350)	e	23 31				
	F	23 38				

Date 1942	Phase	Time	Direction	Period	Amplitude	Remarks
Dec. 19 (351)	eH	23 34 10				
	eH	23 44 30				
	eL	23 52				
	MH	23 58		27	28	
Dec. 20	F	2 0				
Dec. 20 (352)	iP	14 8 24	(-)			
	iS	14 12 45				
	eL	14 14 30				
	F	18 0				
Dec. 22 (353)	e	5 32 0				
	LH	5 35 0		22	8	
	ME	5 36				
	F	6 15				
Dec. 23 (354)	eE	1 55				
	F	2 3				
Dec. 23 (355)	eL	14 59				
	Lz	15 10				
	F	15 30				
Dec. 26 (356)	(eP)	12 43 44				
	iP	12 43 55	+			
	iS	12 53 30				
	eN	13 4 30				
	eL	13 8 30		25	10	
Dec. 27 (357)	ME	13 11				
	F	13 45				
	eLH	17 23		20	7	
Dec. 29 (358)	ME	17 28				
	F	18 10				
	e	3 48 30				
Dec. 31 (359)	F	4 20				
	iP	12 13 3	(-)			
	ePP	12 15 8				
	iS	12 20 35				
	eSS	12 24 10				
	eH	12 25 30				
	Lz	12 28 30				
Dec. 31 (360)	F	13 20				
	eL	19 36				
	F	20 10				

(352) $\Delta = 2700$ km. Strong microseisms. Erba in North Anatolia destroyed, according to newspapers.

(356) $\Delta = 8500$ km. Earthquake from Columbia, according to newspapers. Damages in Chinu, province Bolivar.

(358) No sharp beginning to be seen, owing to strong microseismic movement.

(359) $\Delta = 5900$ km. Shock from W-direction?