

NATIONAL OBSERVATORY OF ATHENS

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Nº 12

SEISMOLOGICAL INSTITUTE
BULLETIN
1961



ATHENS 1964

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January	12	12	12
February	12	12	12
March	12	12	12
April	12	12	12
May	12	12	12
June	12	12	12
July	12	12	12
August	12	12	12
September	12	12	12
October	12	12	12
November	12	12	12
December	12	12	12

ATHENS 1964

INTRODUCTION

Instruments: The geographic coordinates of the seismographic station are: $37^{\circ}58'22''$ N and $23^{\circ}43'0''$ E. The instruments are standing 95m above mean-sea-level on Cretaceous limestone.

The instruments are:

One Benioff vertical seismograph, short period, $T_0=1.0$ sec. $T_g=0.25$ sec.

A set of seismographs with mechanical recording as follows:

One Wiechert astatic horizontal seismograph, $M=1000$ kg.

One Wiechert vertical seismograph, $M=1300$ kg.

One Mainka horizontal seismograph for near shocks, $M=135$ kg.

One Kritikos horizontal seismograph for strong local shocks, $M=40$ kg.

The velocity of the paper for the mechanical recording seismographs is about 30 mm/min.

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 1961 as follows:

Instruments	T_0	ϵ	V
Wiechert (NS Comp.)	4.4	4.6	156
Wiechert (EW Comp.)	4.9	4.4	164
Wiechert (Z Comp.)	1.6	1.5	163
Mainka (NS Comp.)	3.6	3.2	64
Mainka (EW Comp.)	3.6	3.1	56
Kritikos (NS Comp.)	2.1	4.6	5

Presentation of Data: All times are Greenwich Mean Time, from midnight till midnight. The time is controlled by a Mercer ver-

4.

tical type chronometer clock, which is compared daily with signals from Pontoise radio station.

Symbols and abbreviations are the very known ones.

The distance of epicenter of the shallow shocks has been calculated by means of curves on the time tables of JEFFREYS and BULLEN (1948), and that of deep shocks by means of the "Chart of Depth, Time and Distance for Deep-focus Earthquakes" by G.J. BRUNNER, S.J., Saint Louis University 1935. The travel time curves of near earthquakes after J.H. HONDSOON (1953) were proved more appropriate for the calculation of the Δ -distance of very near normal shocks ($\Delta < 200$ km.)

The maximal Amplitudes measured from the medium line have been calculated in cases of strong - distance shocks by means of the formula :

$$W = \frac{V}{\sqrt{\left[1 - \left(\frac{T}{T_0}\right)^2\right]^2 + 4 \cdot \left(\frac{T_0}{2\pi r}\right)^2 \cdot \left(\frac{T}{T_0}\right)^2}}$$

The amplitudes have been omitted when the oscillations were too irregular,

The first part of the Bulletin contains readings of main impulses of distant shocks. Additional readings are given when possible. Data under heading remarks refer to the locations after USCGS and BCIS and in some cases according to JSA or ING. The magnitude is given ordinarily according to Pasadena and Uppsala. Readings of local and short distance shocks are given separately in the second part. The third section contains shocks felt in the Greek area which have not been recorded. The intensities of the shocks felt in Greece are shown in a Table.

On the annexed map there are plotted the epicenters of near shocks located by BCIS, and the corresponding area of highest intensity according to the reports of felt shaking. Intensities are given on Mercalli-Sieberg scale. In case of two near epicenters the strongly shaken area of the major earthquake and the region of the reported highest intensity of the minor shock are given. Epicenters marked in by + denote an initial compression in Athens and by - an initial dilatation. In doubtful cases the symbols of the epicenters are not marked. Epicenters of probably deep shocks are marked by a triangle

5.

circumscribed. The data of the shocks are noted close to the symbols of the epicenters. The arabic figures below indicate the magnitude of the shocks derived to the nearest tenth by means of the calibration formula:

$$M = 1.3 \log \Delta + \log A + 0.60$$

In case of lack of maximum amplitude of the horizontal ground motion in Athens the magnitude was approximately estimated from the distances out to which the direct waves were recorded, as entered in the Bulletin of the BCIS.

Macroseismic magnitude were computed from the epicentral intensity, I_0 , and the radius or the area of perceptibility, r. i. e. A, by means of the calibration formula:

$$M = 1.385 \log A I_0 - 2.315$$

or the equivalent:

$$M = 1.381 \log I_0 r^2 - 1.63$$

set up by the author.

Figure 1 shows the earthquake energy released in the Greek area per month in 1961.

Chronological Summary:

From the numerous seismic disturbances occurred in the Greek area during the year 1961, 106 shocks were strong enough to be located by ECIS. The shocks came from 94 foci; 6 of them were of intermediate depth. Of the 94 foci reported in 1961, 40 foci released shocks of magnitude $4\frac{3}{4}$ or higher, and 29 of them were active for first time. Thus the number of earthquake foci which released shocks of magnitude $\geq 4\frac{3}{4}$ in the Greek area during the period 1710-1961 total 710.

Damages of VI-VIII degree on Mercalli-Sieberg scale caused by 8 shocks were reported during the year 1961. Most of the damaging shocks were located in southwestern side of Asia Minor and on Messenian Peninsula of Peloponnesus. The shocks occurred on May 23 and October 2 were the strongest. The highest magnitude $6\frac{1}{4}$ - $6\frac{1}{2}$ was assigned to the shock of 23th May (36°8' N, 28°7' E). The shock of 2nd October (37°00' N, 22°00' E) was of macroseismic magnitude 5.9. Damages of VI degree were reported from the western side of Euboea Island. The damages were caused on September 5 by two successive shocks (38°6' N, 23°6' E; 38°5' N, 23°6' E) of macroseismic magnitude 4.9 and 5.0.

A shock occurred on July 20 was centered in the north-

6.

eastern part of Attica ($38^{\circ}0' N$, $23^{\circ}3/4' E$).

The southeastern centre of higher strain release shifted in 1961 to the southeastern coast of Rhodos Island. An intermediate shock of magnitude $6\frac{1}{2}$ on May 23, 1961 ($36^{\circ}8' N$, $28^{\circ}0.7' E$) raised the tectonic flux in the Rhodos centre to a level about two times higher than the average. The western centre, in spite of two shocks of magnitude $5\frac{1}{4}$ and $5\frac{1}{2}$ on January 7, 1961 ($37^{\circ}6' N$, $20^{\circ}8' E$) and on July 19, 1961 ($37^{\circ}8' N$, $20^{\circ}1' E$) respectively, is vaguely expressed in the level of $3/4$ of the average, but due to a shock of magnitude $5\frac{3}{4}$ on October 2, 1961 ($37^{\circ}0' N$, $22^{\circ}0' E$) is well connected with the Rhodos centre. A large transient centre developed between Chios and Dardanelia in the place of the normal northern tongue of the southeastern centre. Due to a shock of magnitude $5\frac{1}{2}$ on November 28, 1961 ($39^{\circ}5' N$, $26^{\circ}3' E$) the strain release in the transient centre reached a level equal to the annual average found for the region. A secondary centre, separated from the main western centre, is vaguely outlined in Albania, northwestwards of Ochrida Lake. In spite of a shock of magnitude $5\frac{1}{2}$ on June 22, 1961 ($42^{\circ}4' N$, $19^{\circ}3' E$), the strain release in this centre remained 3 times lower than the annual average. The small secondary centre in the channel of Trikkeri, evolved after an intermediate shock of magnitude $5\frac{1}{4}$ on January 28, 1961 ($39^{\circ}3' N$, $22^{\circ}0' E$) is hardly expressed in the level of one half of the annual average. The gulf of the lower earthquake activity is well developed between the northeasterly large extension of the western centre and the Chios-Dardanelia centre.

Acknowledgments:

Credit is due to the assistants of the Seismological Institute Messrs P. Comninakis, N. Delibasis and N. Liapis for their great help in the re-interpretation of the seismic data, the preparing of the tables of felt shocks not recorded and of the intensities of the shocks felt in Greece and the reading of the proofs.

November 1, 1964
Athens - Greece.

Prof. Dr. A.G. Galanopoulos
Director of the Institute.

7.

A. LONG DISTANCE SHOCKS.

Date	Phase	Time	Additional Readings and Remarks.
Jan. 1	ePKP	16 57 17 D	Traces. $\Delta=17,000$ km. ~ 153 dg. Fiji Islands region, $18^{\circ}3' S$, $178^{\circ}2' W$. - H=16:38:27.8; h about 663 km. (USCGS).
2	e?(PKP) eipPKP	10 30 59 C 31 40	Very weak. $\Delta=15,330$ km. ~ 138 dg. Santa Cruz Islands region $12^{\circ}45'$, $166^{\circ}4' E$. - H=10:11:56.9; h about 161 km. (USCGS). M = $6\frac{3}{4}$ (Pasadena).
5	e(R)	14 54 55	Traces. Andreanof Islands, Aleutian Islands, $51^{\circ}6' N$, $176^{\circ}3' W$. - H=14:06:25.9; h about 37 km. (USCGS). M= $6\frac{3}{4}$ (Pasadena).
5	eip	15 22 09 D	Traces. $\Delta=9,330$ km. ~ 84 dg. Kurile Islands $45^{\circ}7' N$, $149^{\circ}3' E$. - H=15:09:37; h about 19 km. (USCGS).
5	eiPKP	18 17 28 C	Very weak. $\Delta=16,330$ km. ~ 147 dg. Loyalty Islands region $21^{\circ}2' S$, $169^{\circ}3' E$. - H=17:57:56.6; h about 123 km. (USCGS).
5	ei PKP	18 34 14 U	Very weak. $\Delta=16,330$ km. ~ 147 dg. Loyalty Islands $21^{\circ}0' S$, $169^{\circ}1' E$. - H=18:14:43; h about 124 km. (USCGS). M= $6\frac{3}{4}$ (Pasadena).
8	e?(PKP ₁) e PKP ₂	07 48 51 D 55 D	Traces. $\Delta=16,110$ km. ~ 145 dg. Loyalty Islands $19^{\circ}5' S$, $168^{\circ}0' E$. - H=07:29:00 (BCIS).

8.

Date	Phase	Time	Additional Readings and Remarks,
Jan. 9	e PKP	10 32 52 D	Traces. $\Delta=16,330$ km. ~ 147 dg. Loyalty Islands $21^{\circ}3$ S, $169^{\circ}1$ E. H=10:13:17.7; h about 82 km. (USCGS).
10	eiP	14 34 42 C	Traces. $\Delta=9220$ km. ~ 83 dg. Kurile Islands region $49^{\circ}9$ N, $156^{\circ}2$ E. H=14:22:18.2; h about 29 km. (USCGS). M=6.5 (Matsushiro).
11	eiP	12 12 52 D	Traces. $\Delta=9,940$ km. ~ 89.5 dg. Fox Islands, Aleutian Islands; $51^{\circ}8$ N, 171° W. H=11:59:55.0; h about 47 km. (USCGS). M=6.2 (Uppsala).
12	e(PKP)	05 35 18	ei 35:43. Traces. $\Delta=16,110$ km. ~ 145 dg. New Hebrides Islands $20^{\circ}3$ S, $169^{\circ}0$ E. H=05:16:12; h about 100 km. (USCGS).
12	ei P	14 26 01 D	Traces. $\Delta=9,440$ km. ~ 85 dg. Alaska Peninsula $57^{\circ}4$ N, $155^{\circ}9$ W. H=14:13:27.7; h about 40 km. (USCGS).
13	e P	19 31 17 C	Traces. $\Delta=9,440$ km ~ 85 dg. Near Prince Edward Islands $46^{\circ}5$ S, $34^{\circ}1$ E. H=19:18:44.7; h about 60 km. (USCGS).
16	e P	15 54 02	Traces. $\Delta=9,500$ km. ~ 85.5 dg. Near east coast of Honshu, Japan, $36^{\circ}4$ N, $140^{\circ}6$ E. H=15:41:23.3; h about 147 km. (USCGS). M=6 ¹ / ₄ (Pasadena).
17	ePKP	23 24 59	ei 2507 D. Traces. $\Delta=16,280$ km. ~ 146.5 dg. Loyalty Islands region, $21^{\circ}4$ S, $169^{\circ}3$ E. H=23:05:32.5; h about 84 km. (USCGS). M=5 ¹ / ₂ -5 ³ / ₄ (Matsushiro).

9.

Date	Phase	Time	Additional Readings and Remarks,
Jan. 19	e P	17 34 42 C	i 34:43 D. Traces. $\Delta=9,220$ km. ~ 83 dg. Kurile Islands $49^{\circ}7$ N, $155^{\circ}8$ E. H=17:22:16.9; h about 31 km. (USCGS and BCIS). M=6 (Uppsala).
20	eiP	17 21 55 D	Traces. $\Delta=9,610$ km. ~ 86.5 dg. Sea of Okhotsk, Alaska $56^{\circ}5$ N, $152^{\circ}1/4$ W. H=17:09:15 (BCIS). M=6 ¹ / ₄ -6 ¹ / ₂ (Pasadena).
22	ePKP e PP	03 43 35 46 26	Traces. $\Delta=15,330$ km. ~ 138 dg. Santa Cruz Islands region $11^{\circ}9$ S, $166^{\circ}2$ E. H=03:24:04.5; h about 25 km. (USCGS and BCIS). M=7 (Roma, Pasadena).
24	ePKP	07 44 17	Traces. $\Delta=15,670$ km. ~ 141 dg. New Hebrides Islands region $15^{\circ}6$ S, $167^{\circ}6$ E. H=07:25:04.5; h about 198 km. (USCGS). M=5 ³ / ₄ -6 (Matsushiro).
25	eiP	19 16 40	Traces. $\Delta=9220$ km. ~ 83 dg. Kurile Islands. $49^{\circ}8$ N, $156^{\circ}0$ E. H=19:04:12.8; h about 98 km. (USCGS) M=5 (MOSCOW).
26	eiPKP	13 31 57 C	Traces. $\Delta=16220$ km. ~ 146 dg. Loyalty Islands region $21^{\circ}3$ S, $169^{\circ}5$ E. H=13:12:22.6; h about 77 km. (USCGS).
26	e P	15 07 34	Traces. $\Delta=5330$ km. ~ 48 dg. Central Africa 13° S, $29^{\circ}1/2$ E. H=14:59.0 (BCIS).
26	e PKP	16 32 51	Traces. $\Delta=16,280$ km. ~ 146.5 dg. Loyalty Islands $21^{\circ}4$ S, $169^{\circ}5$ E. H=16:13:25.1; h about 119 km. (USCGS). M=6 ¹ / ₂ (Pasadena).

10.

Date	Phase	Time	Additional Readings and Remarks.
Jan. 26	ei PKP	19 08 28 C	Very weak. $\Delta=16220$ km. ~ 146 dg. Loyalty Islands region $20^{\circ}7$ S, $169^{\circ}5$ E. - H=18:48:56.9; h about 106 km. (USCGS). Aftershock.
28	eiPKP ₁	05 32 08 C	Traces. $\Delta=16,500$ km. ~ 148.5 dg. Loyalty Islands 23° S, 171° E. - H=05:12.4 (BCIS).
28	e PKP	20 02 33 D	Traces. $\Delta=16,280$ km. ~ 146.5 dg. Loyalty Islands region $21^{\circ}3$ S, $169^{\circ}5$ E. - H=19:43:01.4; h about 50 km. (USCGS). M=6 ¹ / ₄ (Pasadena).
29	e P e(PP) eS	22 34 32.5 47 36 02	Traces. $\Delta=890$ km. ~ 8 dg. Campobasso region, Italy $41^{\circ}6$ N, $14^{\circ}1$ E. - H=22:32:27 (Roma).
31	eP	01 01 29	Traces. $\Delta=9,720$ km. ~ 87.5 dg. Near Kodiak Island, Alaska $55^{\circ}8$ N, $153^{\circ}9$ W. - H=00:48:36.5; h about 26 km. (USCGS). M=6 ¹ / ₂ (Pasadena, Matsushiro).
31	ePKP	06 33 01	Traces. $\Delta=15,780$ km. ~ 142 dg. New Hebrides Islands $17^{\circ}1$ S, $166^{\circ}8$ E. - H=06:13:15.2; h about 60 km. (USCGS).
Feb. 4	ei P	09 01 49.5D	Traces. $\Delta=6830$ km. ~ 61.5 dg. Northern Burma $24^{\circ}7$ N, $95^{\circ}3$ E. - H=08:51:48.9; h about 162 km. (USCGS and BCIS) M=5 ¹ / ₄ -5 ¹ / ₂ (Matsushiro).
4	e P	13 01 44	Traces. $\Delta=9170$ km. ~ 82.5 dg. Kamchatka $50^{\circ}3$ N, $156^{\circ}4$ E. - H=12:49:37.7; h about 161 km. (USCGS and BCIS).

11.

Date	Phase	Time	Additional Readings and Remarks.
Feb. 6	eipPKP	22 04 (27) D	Traces. $\Delta=14000$ km. ~ 126 dg. Solomon Islands $6^{\circ}8$ S, $155^{\circ}3$ E. - H=21:45:13.5; h about 59 km. (USCGS). M=6 ³ / ₄ (Pasadena).
9	eiPKP ₂	02 28 54 C	Traces. $\Delta=17720$ km. ~ 159.5 dg. Kermadec Islands region $28^{\circ}2$ S, $177^{\circ}4$ W. - H=02:08:15.9; h about 37 km. (USCGS). M=6 ³ / ₄ (Pasadena).
12	e P eiS	22 06 12 17 33	Very weak. $\Delta=9390$ km. ~ 84.5 dg. Kurile Islands $43^{\circ}7$ N, $147^{\circ}6$ E. - H=21:53:43.5; h about 45 km. (USCGS). M=6 ³ / ₄ -7 (Pasadena).
13	e P	16 39 53 D	Traces. $\Delta=9390$ km. ~ 84.5 dg. Kurile Islands $43^{\circ}7$ N, $149^{\circ}6$ E. - H=16:27:20.9; h about 25 km. (USCGS). M=6-6 ¹ / ₄ (Pasadena).
14	e?(P)	03 34 28	ei3433 D. Traces. $\Delta=9330$ km. ~ 84 dg. Kurile Islands $43^{\circ}8$ N, $147^{\circ}9$ E. - H=03:22:00.7, h about 20 km. (USCGS and BCIS). M=6-6 ¹ / ₄ (Pasadena).
15	ePKP	02 29 01 D	Traces. $\Delta=16,500$ km. ~ 148.5 dg. Loyalty Islands region $22^{\circ}3$ S, $171^{\circ}6$ E. - H=02:09:20.4; h about 64 km. (USCGS).
15	e?(P)	10 57 36 D	e 5744 D. Traces. $\Delta=9330$ km. ~ 84 dg. Kurile Islands $43^{\circ}7$ N, $147^{\circ}4$ E. - H=10:45:15.9; h about 69 km. (USCGS). M=6-6 ¹ / ₄ (Pasadena, Matsushiro).
18	eiPKP ₁ eiPKP ₂	12 25 24 D 36	Traces. $\Delta=16560$ km. ~ 149 dg. Loyalty Islands region $22^{\circ}7$ S, $171^{\circ}3$ E. - H=12:05:36.3; h about 38 km. (USCGS and BCIS).

12.

Date	Phase	Time	Additional Readings and Remarks.
Feb. 18	ei P	17 11 33 C	Traces. $\Delta=6000$ km. ~ 54 dg. Atlantic Ocean, north of Ascension Island $1^{\circ}3$ S, $15^{\circ}7$ W. - H=17:02:10.0; h about 25 km. (USCGS and BCIS), M=5 (Palisades).
25	e?(PKP)	15 21 57	ei 2159 D. Traces. $\Delta=16,890$ km. ~152 dg. Samoa Islands region $15^{\circ}5$ S $175^{\circ}8$ W. - H=15:02:04.8; h about 62 km. (USCGS and BCIS). M=5 ³ / ₄ -6 (Matsushiro).
26	ePKP	06 08 20	e? 08:08 Traces. $\Delta=15,890$ km. ~ 143 dg. Easter Islands region $32^{\circ}9$ S, $111^{\circ}2$ W. - H=05:48:46.3; h about 29 km. (USCGS). M=6 ¹ / ₂ -6 ³ / ₄ (Pasadena).
26	e?(P) eipP e(S)	18 23 05 19 D 33 33	e 2310 D. Very weak. $\Delta=9280$ km. ~ 84.5 dg. Near coast of Kyushu, Japan $31^{\circ}6$ N, $131^{\circ}2$ E. - H=18:10:48.7; h about 54 km. 1 killed, several injured, and extensive property damage at Miyazaki. 3 ft. tsunami observed in southwest Shikoku (USCGS). M=7-7 ¹ / ₄ (Pasadena, Matsushiro, Santa Lucia).
26	eP	21 13 45	Traces. $\Delta=9560$ km. ~ 86 dg. Luzon, Philippine Islands. $16^{\circ}1$ N, $121^{\circ}6$ E. - H = 21:01:04.8; h about 32 km. (USCGS and BCIS). M=6.1 (Quetta).
28	eP	12 46 03 C	Traces. $\Delta=9330$ km. ~ 84 dg. Kurile Islands $47^{\circ}7$ N, $152^{\circ}2$ E. - H=12:33:32.1; h about 29 km. (USCGS and BCIS).
28	e	13 06 56	Traces. Region border Israel-Liban.-Syria. H=13:06.0 (BCIS).

13.

Date	Phase	Time	Additional Readings and Remarks.
March. 1	e P	14 42 15	Traces. $\Delta=7330$ km. ~ 66 dg. South Atlantic Ocean $19^{\circ}0$ S, $12^{\circ}2$ W. - H=14:31:27.2; h about 25 km. (USCGS and BCIS).
3	e?(PKP) ₁	06 45 20 D	ei 45:25 Traces. $\Delta=16,500$ km. ~ 148.5 dg. Loyalty Islands region 23° S $171^{\circ}4$ E. - H=06:25:37.9; h about 27 km. (USCGS and BCIS). M=5 ¹ / ₂ -5 ³ / ₄ (Matsushiro).
7	ePKP	10 30 38	e? 30:36. Traces. $\Delta=17,890$ km. ~ 161 dg. Kermadec Islands region $28^{\circ}3$ S, $175^{\circ}7$ W. - H=10:10:38.90; h about 43 km. (USCGS and BCIS). M=7 ¹ / ₄ -7 ¹ / ₂ (Pasadena, Berkeley).
7	eipPKP	23 30 52 C	Traces. $\Delta=13,000$ km. ~ 117 dg. New Britain region $4^{\circ}7$ S, $153^{\circ}2$ E. - H=23:11:59.6; h about 90 km. (USCGS). M=5 ¹ / ₂ (Matsushiro).
9	eP	04 09 37	Traces. $\Delta=7,060$ km. ~ 63.5 dg. Atlantic Ocean $10^{\circ}9$ N, $41^{\circ}7$ W. - H=03:59:08.7; h about 27 km. (USCGS). M=5 ¹ / ₄ (Kew).
10	ePKP ₁	03 20 24	Traces. $\Delta=16,440$ km. ~ 148 dg. Macquarie Island region $52^{\circ}1$ S, $161^{\circ}3$ E. - H=03:00:45.5; h about 25 km. (USCGS).
11	e?(P)	01 44 01 C	ei 4402 D. Traces. $\Delta=9280$ km. ~ 83.5 dg. Kurile Islands $48^{\circ}7$ N, $154^{\circ}6$ E. - H=01:31:34.4; h about 26 km. (USCGS and BCIS). M=6 ¹ / ₄ -6 ¹ / ₂ (Matsushiro).
11	e P	08 47 29 C	ei 4732 C. Traces. $\Delta=3560$ km. ~ 32 dg. Near coast of British Somaliland $11^{\circ}8$ N, $43^{\circ}0$ E. - H=08:

14.

Date	Phase	Time	Additional Readings and Remarks.
March 11			41:06 (BCIS). $M=6-6^{1/4}$ (Matsushiro).
12	eiPKP ₂	23 42 18.4 C	Traces. $\Delta=17,670$ km. ~ 159 dg. Tonga Islands region $24^{\circ}4$ S, $176^{\circ}0$ W. - H=23:21:42.5; h about 113 km. (USCGS). $M=5^{3/4}-6$ (Matsushiro).
17	e PKP	20 31 04	Traces. $\Delta=17,670$ km. ~ 159 dg. Tonga Islands region $24^{\circ}3$ S, $175^{\circ}6$ W. - H=20:11:17.4; h about 79 km. (USCGS). $M=6$ (Pasadena).
18	ePKP ₁ eiPKP ₂	15 14 45 55	Traces. $\Delta=16,560$ km. ~ 149 dg. South of New Zealand: $49^{\circ}9$ S, $163^{\circ}3$ E. - H=14:54:59.3; h about 38 km. (USCGS and BCIS). $M=6^{3/4}-7$ (Pasadena).
20	ePKP	16 12 48 C	Very weak. $\Delta=17,110$ km. ~ 154 dg. Tonga Islands $18^{\circ}4$ S, $175^{\circ}8$ W. - H=15:53:26.1; h about 178 km. (USCGS and BCIS). $M=6^{3/4}$ (Kew, Matsushiro).
21	ePKP ₂	00 03 09 D	e? 03:01. Traces. $\Delta=17,610$ km. ~ 158.5 dg. Tonga Islands region $24^{\circ}1$ S, $176^{\circ}0$ W. - H=23:42:36.8; h about 25 km. (USCGS and BCIS). $M=6^{1/4}$ (Pasadena).
21	ePKP ₁	20 14 35 D	Traces. $\Delta=16,560$ km. ~ 149 dg. Loyalty Islands region $22^{\circ}9$ S, $171^{\circ}3$ E. - H=19:54:44.4; h about 19 km. (USCGS and BCIS).
24	e P eiS	10 37 36 C 38 48	Traces. $\Delta=710$ km. ~ 6.4 dg. North Sicily, $38^{\circ}09'$ N, $15^{\circ}36'$ E. - H=10:36:00 (Roma). $M=5$ (Roma).

15.

Date	Phase	Time	Additional Readings and Remarks.
March 24	e P	23 09 50 D	Traces. $\Delta=9610$ km. ~ 86.5 dg. Near east coast of Honshu, Japan $35^{\circ}7$ N, $140^{\circ}9$ E. - H=22:57:14.3; h about 102 km. (USCGS and BCIS). $M=6$ (Kiruna).
27	e P e S	17 54 08 55 22	Traces. $\Delta=890$ km. ~ 0.8 dg. Turkey, about 150 km. south-west of Istanbul. - H=17:52.1 (BCIS).
28	e Pb e Sb	00 46 00 47 15	Traces. $\Delta=650$ km. ~ 5.9 dg. Turkey $40^{\circ}1/2$ N, $30^{\circ}1/2$ E. - H=00:44:18 (Moscow).
28	eiP ei(SKS)	09 49 24 C 59 50 SE	Very weak. $\Delta=10,720$ km. ~ 96.5 dg. Northern Kelebes $0^{\circ}2$ N, $123^{\circ}6$ E. - H=09:35:55.4; h about 83 km. (USCGS and BCIS). $M=6^{3/4}-7$ (Pasadena).
Apr. 1	eiP eiS eiSS	15.26 15 C 32 33 35 42	Very weak. $\Delta=4,670$ km. ~ 42 dg. Sinkiang Province, China, $39^{\circ}6$ N, $77^{\circ}7$ E. - H=15:18:22.8; h about 21 km. (USCGS and BCIS); $M=6^{1/4}-6^{1/2}$ (Pasadena, Matsushiro).
4	e?(P)	09 54 26	e 5433 D. Traces. $\Delta=4,610$ km. ~ 41.5 dg. Sinkiang Province, China; $40^{\circ}1$ N, $77^{\circ}8$ E. - H=09:46:36.6; h about 16 km. (USCGS and BCIS). $M=6^{1/2}$ (Matsushiro).
5	ePKP	21 49 40 D	Traces. $\Delta=16330$ km. ~ 147 dg. Macquarie Island region. $52^{\circ}2$ S, $160^{\circ}0$ E. - H=21:30:00.4; h about 47 km. (USCGS).
6	eiP	01 41 37 D	e? 41:36. Traces. $\Delta=4,670$ ~ 42 dg. Sinkiang province, China, $39^{\circ}6$ N, $77^{\circ}8$ E. - H=01:33:46.9; h about 33 km. (USCGS and BCIS). $M=5^{1/2}$ (Moscow).

16.

Date	Phase	Time	Additional Readings and Remarks.
Apr. 6	ePKP	15 53 08 D	Traces. $\Delta=16,220$ km. ~ 146 dg. Loyalty Islands region, $20^{\circ}3$ S, $169^{\circ}4$ E. - H= $15:33:38.6$; h about 129 km. (USCGS and BCIS).
6	e?(P)	18 18 39 D	e 1846. Traces. $\Delta=3280$ km. ~ 29.5 dg. Southern Iran, $27^{\circ}8$ N, $56^{\circ}7$ E. - H= $18:12:40.7$; h about 109 km. (USCGS and BCIS). M= $5^{3/4-6}$ (Matsushiro).
7	eP	20 06 59 C	Traces. $\Delta=8,780$ km. ~ 79 dg. Near east coast of Kamchatka $57^{\circ}2$ N, $163^{\circ}3$ E. - H= $19:54:51.9$; h about 20 km. (USCGS and BCIS). M= $5^{3/4}$ (Matsushiro, Moscow).
7	eiP	21 25 04 D	e? 25:03. Traces. $\Delta=4,280$ km. ~ 38.5 dg. Kirghiz-Tadzhik border $39^{\circ}3$ N, $73^{\circ}0$ E. - H= $21:17:43.8$; h about 44 km. (USCGS and BCIS). M= $5^{1/4} - 5^{1/2}$ (Matsushiro).
9	epPKP	09 40 43 C	e 40:23 Traces. $\Delta=12,440$ km. ~ 112 dg. South of Fiji Islands 26° N, $178^{\circ}4$ E. - H= $09:21:29.0$; h about 655 km. (USCGS). M=6.7 (Wellington).
9	eiP	15 47 26 D	Traces. $\Delta=9,110$ km. ~ 82 dg. Near coast of Formosa $24^{\circ}1$ N, $122^{\circ}2$ E. - H= $15:35:05.4$; h about 13 km. (USCGS and BCIS). M=6 (Pasadena).
11	eiPKP	16 31 13 D	Traces. $\Delta=16,330$ km. ~ 147 dg. Loyalty Islands $22^{\circ}4$ S, $169^{\circ}9$ E. - H= $16:11:33.3$, h about 58 km. (USCGS and BCIS).
13	eP	16 42 26 D	Very weak. $\Delta=4,610$ km. ~ 41.5 dg. Sinkiang, China $40^{\circ}1$ N, $77^{\circ}8$ E. - H= $16:34:39.1$; h about

17.

Date	Phase	Time	Additional Readings and Remarks.
Apr. 13			19 km. (USCGS). M= $6^{1/2-6^{3/4}}$ (Matsushiro).
16	eiP	11 52 53 D	Traces. $\Delta=9000$ km. ~ 81 dg. Kamchatka $53^{\circ}5$ N, $158^{\circ}7$ E. - H= $11:40:40.7$; h about 27 km. (USCGS and BCIS).
17	eP	16 06 54 D	ei 0656 D. Traces. $\Delta=1,000$ km. ~ 9 dg. Italy $42^{\circ}8$ N, $13^{\circ}2$ E. - H= $16:05:05$ (BCIS).
19	eP	07 04 53	Traces. $\Delta=4,330$ km. ~ 39 dg. West Pakistan $30^{\circ}1/2$ N, $70^{\circ}E$. - H= $06:57:28$ (Quetta and BCIS). M= $5^{1/2}$ (Quetta).
19	eP	20 32 21 D	Traces. $\Delta=9440$ km. ~ 85 dg. Kurile Islands $44^{\circ}6$ N, $150^{\circ}2$ E. - H= $20:19:46.4$; h about 27 km. (USCGS and BCIS). M= $5^{3/4}$ (Matsushiro).
19	e?(P)	22 20 13	e 2019-C. Traces $\Delta=9,330$ km. 84 dg. Kurile Islands $44^{\circ}9$ N, $149^{\circ}5$ E. - H= $22:07:51.2$; h about 34 km. (USCGS and BCIS). M= $5^{1/2}$ (Moscow).
20	e(PKP ₁)	21 59 06	Traces. $\Delta=16,940$ km. ~ 152.5 dg. South of Samoa Islands $15^{\circ}2$ S, $173^{\circ}7$ W. - H= $21:39:07.0$; h about 25 km. (USCGS). M= $6-6^{1/2}$ (Pasadena).
21	eP	20 23 09	Traces. $\Delta=9,330$ km. ~ 84 dg. Kurile Islands $47^{\circ}7$ N, $154^{\circ}6$ E. - H= $20:10:38.3$, h about 27 km. (USCGS). M= $5^{3/4-6}$ (Matsushiro).
21	eP	21 39 37 C	ei 3938 D. Traces. $\Delta=9,890$ km. ~ 89 dg. Andreanof Islands, Aleutian Islands. $51^{\circ}7$ N, $173^{\circ}9$ W. -

Date	Phase	Time	Additional Readings and Remarks.
Apr. 21			H=21:26:42.1; h about 36 km. (USCGS and BCIS) M=5 ¹ / ₂ -5 ³ / ₄ (Matsushiro).
23	eiP	05 27 03 C	Traces. Δ=9,500 km. ~ 85.5 dg. Ryukyu Islands 26°2 N, 129°8 E.- H=05:14:31.1; h about 110 km. (USCGS and BCIS). M=6 (Collm, Uppsala).
23	eiP	09 14 13 C	Traces. Δ=9,390 km. ~ 84.5 dg. Kurile Islands 44°6 N, 150°2 E.- H=09:01:41.8; h about 44 km. (USCGS and BCIS). M=6 ¹ / ₄ (Pasadena).
23	eP	17 03 33	Traces. Δ=9,390 km. ~ 84.5 dg. Kurile Islands 44°5 N, 150°1 E.- H=16:51:03.6; h about 76 km. (USCGS). M=5 ³ / ₄ (Moscow).
25	eiP	01 30 11 C	e?30:10 Traces. Δ=9,390 km. ~ 84.5 dg. Kurile Islands 44°5 N, 150°0 E. H=01:17:42.7; h about 78 km. (USCGS). M=5 ¹ / ₂ -5 ³ / ₄ (Strasbourg, Matsushiro).
26	eP	07 51 29 C	e? 5046. Traces. Δ=9,390 km. ~ 84.5 dg. Kurile Islands 44°6 N, 149°9 E.- H=07:38:54.1; h about 20 km. (USCGS and BCIS). M=6 (Strasbourg Berkeley).
26	eiP	19 45 06 D	Traces. Δ=9,390 km. ~ 84.5 dg. Kurile Islands 44°6 N, 150°1 E.- H=19:32:34.2; h about 51 km. (USCGS and BCIS). M=5 ¹ / ₂ (Moscow).
29	eP	09 36 23 C	Traces. Δ=4,170 km. ~ 37.5 dg. Jan Mayen Island region 72°3 N, 7°4 W.- H=09:29:09.5; h about 14 km. (USCGS). M=5.8 (Uppsala).
30	eP	11 27 49 D	Traces. Δ=9,390 km. ~ 84.5 dg. Ku-

Date	Phase	Time	Additional Readings and Remarks.
Apr. 30			rile Islands 44°6 N, 149°7 E.- H=11:15:19.8; h about 70 km. (USCGS and BCIS). M=5.9 (Kiruna).
May 2	epPKP	23 05 02 D	Traces. Δ=17,890 km. ~ 161 dg. Kermadec Islands region 27°8 S, 176°5 W.- H=22:44:44.3; h about 47 km. (USCGS). M=6 ³ / ₄ (Pasadena, Kew).
6	e P eiPPP	16 06 45 07 05	Traces. Δ=1000 km. ~ 9 dg. Mediterranean Sea, Off coast of Tunisia 37°4 N, 11°2 E.- H=16:04:33.1; h about 30 km. (USCGS and BCIS).
6	e P	19 47 13 D	Traces. Δ=5780 km. ~ 52 dg. Atlantic Ocean, north of Ascension Island 1°2 S, 15°5 W.- H=19:38:04.6; h about 24 km. (USCGS). M=5.7 (Kiruna, Roma).
7	e	04 45 21	Traces. Δ=10,440 km. ~ 94 dg. Near coast of Java 8°6 S, 111°4 E.- H=04:32:14.5; h about 113 km. (USCGS and BCIS). M=5 ³ / ₄ (Matsushiro).
7	eiP	10 36 07 D	e?36:06 Traces. Δ=10,670 km. ~ 96 dg. Off coast of Mindanac, Philippines Islands. 5°8 N, 126°8 E.- H=10:22:43.7; h about 89 km. (USCGS and BCIS). M=6-6 ¹ / ₄ (Matsushiro).
10	e P	17 09 51 C	Very weak. Δ=780 km. ~ 7 dg. Mediterranean Sea, off south-east of Malta Island 35°1 N, 15°8 E.- H=17:08:00; h 150 km. (BCIS).

20.

Date	Phase	Time	Additional Readings and Remarks.
May 13	eiPKP	15 11 52 C	e?11:50. Traces. $\Delta=16,940$ km. ~ 152.5 dg. Fiji Islands region $17^{\circ}5$ S, $178^{\circ}8$ W. - H=14:52:55.3; h about 556 km. (USCGS).
15	ePKP	21 12 43	Traces. $\Delta=17,170$ km. ~ 154.5 dg. Tonga Islands region $20^{\circ}0$ S, $177^{\circ}2$ W. - H=20:53:05.3; h about 89 km (USCGS).
16	eiP	21 57 59 D	Traces. $\Delta=9,390$ km. ~ 84.5 dg. Ryukyu Islands. $30^{\circ}0$ N, $132^{\circ}0$ E. - H=21:45:24.0; h about 24 km. (USCGS). $M=5^{3/4}$ (Kew, Strasbourg, Moscow).
17	e?(P)	19 42 03 D	ei 4205 D. Traces. $\Delta=9,610$ km. ~ 86.5 dg. Near Islands, Aleutian Islands $52^{\circ}0$ N, $173^{\circ}9$ E. - H=19:29:19.3; h about 21 km (USCGS and BCIS). $M=6$ (Pasadena).
22	eiPKP	14 04 17 D	Traces. $\Delta=16,890$ km. ~ 152 dg. Tonga Islands. $21^{\circ}3$ S, $174^{\circ}4$ W. - H=13:44:35.8; h about 97 km. (USCGS). $M=6$ (Pasadena).
22	ePKP ₁	17 52 27	Traces. $\Delta=17,440$ km. ~ 157 dg. Tonga Islands region. $22^{\circ}8$ S, $176^{\circ}1$ W. - H=17:32:21.6; h about 35 km. (USCGS). $M=6^{1/2}-6^{3/4}$ (Pasadena).
27	eiP	05 21 48 D	Traces. $\Delta=4,110$ km. ~ 37 dg. Hindu Kush $36^{\circ}5$ N, $70^{\circ}5$ E. - H=05:14:54; h=220 km. (BCIS). $M=4^{3/4}$ (Moscow).
27	e?(P)	07 30 24.5	e 3026. Traces. $\Delta=9280$ km. ~ 83.5 dg. Near north coast of Houshu, Japan $41^{\circ}0$ N, $142^{\circ}1$ E. - H=07:18:12.2; h about 156 km. (USCGS) and BCIS). $M=5^{1/4}-6^{1/2}$ (Matsushiro).

21.

Date	Phase	Time	Additional Readings and Remarks.
June 1	e P e S	23 35 38 C 40 33	Very weak. $\Delta=3,440$ km. ~ 31 dg. Ethiopia $10^{\circ}3$ N, $39^{\circ}9$ E. - H=23:29:21 (BCIS). $M=6^{1/2}-6^{3/4}$ (Pasadena, Jerusalem).
2	e P	00 08 01	Traces. $\Delta=3,440$ km. ~ 31 dg. Aftershock, Ethiopia $10^{\circ}4$ N, $39^{\circ}8$ E. - H=00:01:46.9; h about 33 km. (USCGS).
2	e P	00 15 16	Traces. $\Delta=3,440$ km. ~ 31 dg. Aftershock, Ethiopia $10^{\circ}4$ N, $40^{\circ}0$ E. - H=00:08:57.9; h about 33 km. (USCGS).
2	e P	01 04 17 D	Traces. $\Delta=3,560$ km. ~ 32 dg. Aftershock, Ethiopia $9^{\circ}1/2$ N, 40° E. - H=00:57.9 (BCIS).
2	eiP e(S)	04 57 33 D 05 02 29	Very weak. $\Delta=3440$ km. ~ 31 dg. Aftershock, Ethiopia $10^{\circ}3$ N, $39^{\circ}9$ E. - H=04:51:14 (BCIS). $M=6^{1/4}-6^{1/2}$ (Pasadena, Palisades).
2	eiP	05 28 52 D	Traces. $\Delta=3,440$ km. ~ 31 dg. Aftershock, Ethiopia $10^{\circ}4$ N, $39^{\circ}6$ E. - H=05:22:29.1; h about 26 km (BCIS).
2	e P	05 51 13 D	Traces. $\Delta=3,440$ km. ~ 31 dg. Aftershock, Ethiopia $10^{\circ}3$ N, $39^{\circ}9$ E. - H=05:44:57 (BCIS). $M=5.8$ (Kiruna).
2	e?(P)	06 23 31	e 2333 D, Traces. $\Delta=3,440$ km. ~ 31 dg. Aftershock, Ethiopia $10^{\circ}5$ N, $39^{\circ}7$ E. - H=06:17:13.3; h about 36 km. (USCGS).
2	e P	07 09 11 C	Traces. $\Delta=3,500$ km. ~ 31.5 dg. Aftershock, Ethiopia $10^{\circ}0$ N, $40^{\circ}0$ E. - H=07:02:49.9; h about 33 km. (USCGS). $M=5.2$ (Kiruna).

22.

Date	Phase	Time	Additional Readings and Remarks.
June 2	e P	07 28 04	Traces. $\Delta=3,500$ km. ~ 31.5 dg. Aftershock, Ethiopia, $10^{\circ}1$ N, $39^{\circ}6$ E. - H=07:21:46.3; h about 33 km. (USCGS).
3	e P e(S)	06 17 56 19 21	Traces. $\Delta=750$ km. ~ 6.8 dg. Turkey $39^{\circ}0$ N, $32^{\circ}2$ E. - H=06:16:16.7; h about 45 km. (USCGS and BCIS).
4	e P e S	07 41 32 D 48 25	Traces. $\Delta=5,170$ km. ~ 46.5 dg. Tibet $34^{\circ}1$ N, $82^{\circ}0$ E. - H=07:33:06.0; h about 32 km. (USCGS). M=6 $\frac{1}{2}$ (Pasadena).
7	eiP	14 24 48 D	Traces. $\Delta=6,060$ km. $\sim 54^{\circ}5$ dg. Ascension Island region $5^{\circ}4$ S, $11^{\circ}6$ W. - H=14:15:18.9; h about 17 km. (USCGS). M=6.2 (Uppsala, Kiruna).
9	eiP	09 41 32 D	Traces. $\Delta=2,330$ km. ~ 21 dg. Caspian Sea 41° N, $50^{\circ}\frac{3}{4}$ E. - H=09:36:50; h about 50 km. (BCIS). M=6 (Moscow).
11	eiP	05 16 15 C	$P_N=2\mu$, $T_N=2.6$ sec. $P_E=3\mu$, $T_E=3$ sec. $\Delta=3,110$ km. ~ 28 dg. M=6.8 (Athens) Southern Iran. $27^{\circ}9$ N, $54^{\circ}5$ E. - H=05:10:23 (BCIS). M=6 $\frac{1}{2}$ -6 $\frac{3}{4}$ (Pasadena).
11	e?(P)	05 36 03	ei 3617 C. Traces. $\Delta=3,110$ km. ~ 28 dg. Aftershock, Southern Iran. H=05:30:10 (BCIS). M=5.8 (Teheran)
11	e PP e(SSS)	12 37 12 D 42 36	Very weak. $\Delta=3,110$ km. ~ 28 dg. Aftershock, Southern Iran $27^{\circ}8$ N, $54^{\circ}4$ E. - H=12:30:23.5; h about 35 km. (USCGS) M=5 $\frac{1}{2}$ (Moscow).
11	eiP	14 03 51 D	Traces. $\Delta=3,110$ km. ~ 28 dg. Aftershock, Southern Iran. H=13:57:57 (BCIS). M=5.6 (Teheran).

23.

Date	Phase	Time	Additional Readings and Remarks.
June 12	eiP	10 09 34 D	Traces. $\Delta=7,890$ km. ~ 71 dg. North Viet-Nam $21^{\circ}6$ N, $106^{\circ}0$ E. - H=09:58:17.1; h about 33 km. (USCGS). M=5 (Moscow).
13	eiPKP ₁	21 57 46 C	Traces. $\Delta=17,330$ km. ~ 156 dg. Tonga Islands region $21^{\circ}5$ S, $176^{\circ}4$ W. - H=21:37:55.0; h about 146 km. (USCGS).
14	e P	00 51 20	Traces. $\Delta=6,720$ km. ~ 60.5 dg. Northern Burma $24^{\circ}5$ N, $94^{\circ}8$ E. - H=00:41:13.0; h about 62 km. (USCGS). M=5 $\frac{1}{4}$ (Matsushiro).
14	e P	20 38 37	Traces. $\Delta=3440$ km. ~ 31 dg. Aftershock, Ethiopia $10^{\circ}\frac{3}{4}$ N, 40° E. - H=20:32.3 (BCIS). M=5.7 (Uppsala).
15	eiP	23 37 12 C	Traces. $\Delta=9330$ km. ~ 84 dg. Kurile Islands $45^{\circ}9$ N, $151^{\circ}2$ E. - H=23:24:43.8; h about 36 km. (USCGS). M=6 (Uppsala).
16	e P	10 44 49 C	Traces. $\Delta=10,000$ km. ~ 90 dg. Northeast Colombia $8^{\circ}9$ N, $73^{\circ}4$ W. - H=10:31:56.2; h about 120 km. (USCGS). M=6 (Pasadena).
19	e P	17 11 30 D	Traces. $\Delta=4110$ km. ~ 37 dg. Hindou Kush $36^{\circ}5$ N, $70^{\circ}5$ E. - H=17:04:36; h about 220 km. (BCIS). M=6.7 (Uppsala, Kiruna).
20	eiPKP	14 46 40 C	Traces. $\Delta=16,330$ km. ~ 147 dg. Loyalty Islands $21^{\circ}9$ S, $169^{\circ}8$ E. - H=14:27:02.6; h about 64 km. (USCGS). M=5 $\frac{1}{4}$ (Matsushiro).
21	eiP	06 45 11 D	Traces. $\Delta=3110$ km. ~ 28 dg. Aftershock, Iran $27^{\circ}\frac{3}{4}$ N, $54^{\circ}\frac{1}{2}$ E. - H=06:39:20 (BCIS) M=5 $\frac{1}{2}$ (Moscow).

24.

Date	Phase	Time	Additional Readings and Remarks.
June 21	eiP	15 45 21 C	Traces. $\Delta=2, 280$ km. ~ 20.5 dg. Western Iran $34^{\circ}1$ N, $48^{\circ}3$ E. - H= $15:40:46.6$; h about 33 km. (USCGS).
21	e P	19 20 30	Traces. $\Delta=3110$ km. ~ 28 dg. After-shock. Southern Iran $27^{\circ}1/2$ N, $54^{\circ}3/4$ E. - H= $19:14:35$ (BCIS).
21	eiP	20 37 55 D	Traces. $\Delta=10, 170$ km. ~ 91.5 dg. Near north coast of Java $7^{\circ}6$ S $110^{\circ}0$ E. - H= $20:25:00.9$; h about 163 km. (USCGS). M= $5\frac{1}{2}$ (Roma).
24	eiP	09 47 34 C	Traces. $\Delta=8, 330$ km. ~ 75 dg. Sumatra $4^{\circ}0$ N, $97^{\circ}5$ E. - H= $09:36:05.6$ h about 135 km. (USCGS). M= $6\frac{1}{4}$ (Matsushiro).
26	ePKP ₁	07 22 31 D	Traces. $\Delta=16, 220$ km. ~ 146 dg. Loyalty Islands $21^{\circ}5$ S, $170^{\circ}1$ E. - H= $07:02:52.9$; h about 33 km. (USCGS). M= $5\frac{1}{2}$ (Matsushiro).
27	eiP	07 14 10 C	Traces. $\Delta=6, 940$ km. ~ 62.5 dg. Yunan Province, China $28^{\circ}0$ N, $99^{\circ}4$ E. - H= $07:03:42.2$; h about 33 km. (USCGS). M=6 (Pasadena, Moscow).
27	ei	08 04 32 C	Traces. $\Delta=8890$ km. ~ 80 dg. Kamchatka $54^{\circ}6$ N, $158^{\circ}6$ E. - H= $07:52:53.5$; h about 273 km. (USCGS).
28	e(P)	08 13 09	ei 1309 D. Traces. $\Delta=1060$ km. ~ 9.5 dg. Near northwest of Sicily about $33^{\circ}1/2$ N. 13° E. - H= $08:11.3$ (BCIS).
July 1	eiPKP	19 09 50 C	Traces. $\Delta=16940$ km. ~ 152.5 dg. Fiji Islands $18^{\circ}0$ S, $178^{\circ}4$ W. - H= $18:50:57.5$, h about 601 km. (USCGS)
6	eP	16 18 06	ei 18:10 Traces. $\Delta=6220$ km. ~ 56 dg. Ascension Island region $7^{\circ}0$ S, $13^{\circ}1$ W. - H= $16:08:20.8$, h about 19 km. (USCGS)

25.

Date	Phase	Time	Additional Readings and Remarks.
July 6	i PKP ₁	22 29 07 C	Very weak. $\Delta=16, 220$ km. ~ 146 dg. Loyalty Islands region $20^{\circ}6$ S, $169^{\circ}4$ E. - H= $22:09:29.4$, h about 27 km. (USCGS). M=6.6 (Pasadena).
7	eiPKP ₁	12 53 18 C	Traces. $\Delta=16, 220$ km. ~ 146 dg. Loyalty Islands region $20^{\circ}5$ S, $169^{\circ}2$ E. - H= $12:33:40.8$, h about 33 km. (USCGS);
7	eiPKP ₁	22 39 06 D	Traces. $\Delta=16, 160$ km. ~ 145.5 dg. Loyalty Islands region $20^{\circ}2$ S, $169^{\circ}0$ E. - H= $22:19:31.6$, h about 41 km. (USCGS). M= $5\frac{1}{4}$ (Palisades).
8	eiPKP ₁	02 54 53 C	Traces. $\Delta=16, 160$ km. ~ 145.5 dg. Loyalty Islands region $20^{\circ}2$ S, 168.7 E. - H= $02:35:20.5$, h about 33 km. (USCGS). M=6 (Berkeley).
8	eiPKP ₁	03 45 00 D	Traces. $\Delta=16, 220$ km. ~ 146 dg. Loyalty Islands region $20^{\circ}7$ S, $169^{\circ}1$ E. - H= $03:25:23.4$, h about 33 km (USCGS).
8	e?(PKP ₁)	15 54 05	ϵ 5313 C. Traces. $\Delta=16, 220$ km. ~ 146 dg. Loyalty Islands region $20^{\circ}1$ S, $168^{\circ}7$ E. - H= $15:34:37.4$, h about 26 km. (USCGS). M= $6\frac{1}{4}$ (Pasadena).
8	eiPKP ₁	15 59 49 C	Traces. $\Delta=16, 220$ km. ~ 146 dg. Loyalty Islands region $20^{\circ}1/2$ S, 169° E. - H= $15:40.0$ (BCIS).
8	e PKP ₁	21 33 36 D	Traces. $\Delta=16, 220$ km. ~ 146 dg. Loyalty Islands region $20^{\circ}4$ S, 169° E. - H= $21:13:59.5$, h about 33 km. (USCGS). M= $5\frac{1}{4}$ - $5\frac{1}{2}$ (Palisades).

26.

Date	Phase	Time	Additional Readings and Remarks.
July 8	eiPKP ₁	22 08 20 D	Traces. $\Delta=16,220$ km. ~ 146 dg. Loyalty Islands region 20°4 S, 169° E. - H=21:48:42.3, h about 18 km. (USCGS). $M=5\frac{1}{4}-5\frac{1}{2}$ (Palisades).
9	e P	08 11 32	Traces. $\Delta=3,000$ km. ~ 27 dg. Iran 29°N, 54°7 E. - H=08:05:45.9, h about 25 km. (USCGS). $M=4\frac{3}{4}$ (Moscow).
11	e P	09 42 47 D	Traces. $\Delta=7,670$ km. ~ 69 dg. Nicobar Islands region 8°0 N, 93°1 E. - H=09:31:42.6, h about 17 km. (USCGS). $M=5.9$ (Uppsala).
12	ePKP ₁	14 56 46 C	Traces. $\Delta=16,500$ km. ~ 148.5 dg. Loyalty Islands region 22°9 S, 171°4 E. - H=14:36:58.6, h about 53 km. (USCGS). $M=5.3$ (Wellington).
14	eiP	00 19 14 C	Traces. $\Delta=9,560$ km. ~ 86 dg. Luzon, Philippine Islands 15°8 N, 120°9 E. - H=00:06:52.5, h about 168 km. (USCGS).
15	e P	00 30 32 D	Traces. $\Delta=9,670$ km. ~ 87 dg. Luzon, Philippine Islands 13°3 N, 120°6 E. - H=00:17:53.5, h about 70 km. (USCGS); $M=5\frac{1}{2}$ (Matsushiro).
16	ePKP ₁	14 21 23 C	Traces. $\Delta=16,500$ km. ~ 148.5 dg. Loyalty Islands region 23°0 S, 171°4 E. - H=14:01:35.8, h about 15 km. (USCGS). $M=5\frac{1}{2}$ (Matsushiro, Berkeley).
16	eiP	21 21 11 D	e?21:10. Traces. $\Delta=9,220$ km. ~ 83 dg. Kurile Islands 49°5 N, 155°1 E. - H=21:08:45.6, h about 29 km. (USCGS). $M=5$ (Moscow).

27.

Date	Phase	Time	Additional Readings and Remarks.
July 16	eiPKP	23 22 20 C	Traces. $\Delta=16,940$ km. ~ 152.5 dg. Fizi Islands region 18°1 S, 179°3 W. - H=23:03:26.9, h about 591 km. (USCGS).
18	ei P eiSKS ePPS	14 16 11 D 26 37 27 59	An=60 μ , Tn=26 sec., Ae=83 μ , Te=25 sec. $\Delta=9,440$ km. ~ 85 dg. $M=6.9$ (Athens). Northern Ryukyo Islands 29°4 N, 131°6 E. - H=14:03:36.5 S, h about 21 km. (USCGS). $M=6\frac{1}{2}-6\frac{3}{4}$ (Passadena).
18	eiP eSKS	14 46 35 C 57 03	Very Weak. $\Delta=9,440$ km. ~ 85 dg. Northern Ryukyo Islands 29°7 N, 131°5 E. - H=14:34:03.1, h about 33 km. (USCGS). $M=5.9$ (JMA).
20	e P	02 24 25	Traces. $\Delta=7,390$ km. ~ 66.5 dg. Andaman Islands 11°1/2 N, 92°1/2 E. - H=02:13:35 (BCIS).
21	ePKP	01 30 10 C	e?3009 C. Traces. $\Delta=16,500$ km. ~ 148.5 dg. Loyalty Islands region 22°4 S, 171°5 E. - H=01:10:36.7, h about 112 km. (USCGS).
21	ePKP ₁	13 26 47 D	Traces. $\Delta=16,110$ km. ~ 145 dg. New Hebrides Islands 19°5 S, 169°4 E. - H=13:07:12.9, h about 33 km. (USCGS).
21	eP	22 52 27	Traces. $\Delta=9,440$ km. ~ 85 dg. Northern Ryukyo Islands, 29°8 N, 131°6 E. - H=22:39:53.2, h about 32 km. (USCGS). $M=5.1$ (Matsushiro).
23	ePKP ₂	15 49 47	Traces. $\Delta=15,940$ km. ~ 143.5 dg. Foreshock of July 23. New Hebrides Islands 18°3 S, 168°2 E. - H=15:30:17.2, h about 33 km. (USCGS). $M=5\frac{1}{2}$ (Berkeley).

28.

Date	Phase	Time	Additional Readings and Remarks.
July			
23	ePKP eiPP ei(SKKS)	22 10 37 C 13 51 20 45	ei 1040 D. $M_N=8.5$, $T_N=20$ sec. $M_E=5.0$, $T_E=20$ sec. $\Delta=15,940$ km. ~ 143.5 dg. $M=7.1$ (Athens). New Hebrides Islands 18.5 S, 168.3 E. - H=21:51:07.5, h about 44 km. (USCGS). $M=7-7\frac{1}{4}$ (Pasadena).
23	ePKP	22 21 26	ei 2127 D. Traces $\Delta=15,940$ km. ~ 143.5 dg. Aftershock. New Hebrides Islands 18.5 S, 168.3 E. - H=22:01:55.3, h about 37 km. (USCGS).
23	ePKP	00 05 51.C	Traces. $\Delta=15,940$ km. ~ 143.5 dg. Aftershock. New Hebrides Islands 18.8 S, 168.2 E. - H=23:46:18.5, h about 23 km. (USCGS).
24	ePKP	01 49 47.	Traces. $\Delta=17,110$ km. ~ 154 dg. Fiji Islands region 21.2 S, 179.2 W. - H=01:30:56.6, h about 598 km. (USCGS).
28	e P	00 46 29	ei 4631 D. Traces. $\Delta=9,280$ km. ~ 83.5 dg. Ryukyu Islands 27.1 N, 126.6 E. - H=00:34:19.5 h about 149 km. (USCGS).
28	e?(P)	01 19 01.	Traces. $\Delta=11,110$ km. ~ 100 dg. Ecuador 2.2 S, 77.1 W. - H=01:05:30.0, h about 136 km. (USCGS). $M=6\frac{1}{4}$ (Pasadena, Matsushiro).
28	e P	15 32 04 D	Traces. $\Delta=9,220$ km. ~ 83 dg. Near coast of Hokkaido, Japan 43.6 N, 146.1 E. - H=15:19:40.0, h about 34 km. (USCGS). $M=4\frac{3}{4}$ (Moscow).
28	ePKP	17 36 32.C	Traces $\Delta=16,220$ km. ~ 146 dg. Loyalty Islands 20.6 S, 170.0 E. - H=17:17:04.8, h about 125 km. (USCGS).
29	ei(PK ₁)	16 47 30 C	Traces. $\Delta=17,670$ km. ~ 159 dg. Tonga Islands region 24.1 S, 176.1 W. -

29.

Date	Phase	Time	Additional Readings and Remarks.
July			
29			H=16:27:19.0, h about 23 km. - (USCGS). $M=5\frac{1}{2}$ (Berkeley).
August			
2	e P	14 44 41	Traces. $\Delta=9,000$ km. ~ 81 dg. Near coast of Kamchatka 52.1 N, 157.8 E. - H=14:32:27.9, h about 50 km. (USCGS). $M=4\frac{1}{2}$ (Moscow).
3	e P	03 19 58 D	Traces. $\Delta=8,670$ km. ~ 78 dg. Puerto Rico 18.4 N, 66.3 W. - H=03:08:05.1, h about 132 km. (USCGS). $M=7.1$ (Trinidad).
4	e?(PKP) epPKP	18 38 51 39 19	Traces. $\Delta=16,280$ km. ~ 146.5 dg. New Hebrides 20.0 S, 169.7 E. - H=18:19:22.8, h about 119 km. (USCGS).
4	ei P	23 05 24 C	Traces. $\Delta=9,390$ km. ~ 84.5 dg. Kurile Islands 45.2 N, 151.2 E. - H=22:52:54.0; h about 45 km. (USCGS). $M=5.7$ (Uppsala).
8	e P	12 30 38 D	Traces. $\Delta=9,000$ km. ~ 81 dg. Fox Islands, Aleutian Islands, 51.2 N, 170.7 W. - H=12:18:23.1; h about 33 km. (USCGS). $M=6-6\frac{1}{4}$ (Pasadena, Kew).
9	eiPKP	16 22 03 C	Traces. $\Delta=15,670$ km. ~ 141 dg. New Hebrides Islands region. 19.2 S, 168.8 E. - H=16:02:35.5; h about 44 km. (USCGS). $M=5\frac{3}{4}$ (Berkeley).
11	eiIP eiIS	16 03 58 CS 14 14	$P_N=5$, $T_N=4$ sec., $P_E=4$, $T_E=4$ sec. $\Delta=9,220$ km. ~ 83 dg. $M=7.1$ (Athens); Eastern Hokkaido, Japan. 43.0 N, 145.0 E. - H=15:51:34.6; h about 50 km. Slight tsunami. (USCGS). $M=7$ (Pasadena).

30.

Date	Phase	Time	Additional Readings and Remarks
August 11	e P	23 46 14	e? 46:13 Traces. $\Delta = 9,280$ km. ~ 83.5 dg. Eastern Hokkaido, Japan 43°1 N, 145°2 E. - H=23:33:52.2, h about 50 km. (USCGS). M=5.6 (Matsushiro).
14	ePKP eipPKP	23 48 17 C 29 C	Very weak. $\Delta = 16,170$ km. ~ 145.5 dg. New Hebrides Islands region 20°4 S, 169°4 E. - H=23:28:46.5; h about 97 km. (USCGS). M=6-6 ¹ / ₄ (Noumea, Kew, Pasadena).
17	e P e S esS	21 28 38 D 38 44 39 52	Very Weak. $\Delta = 9,220$ km. ~ 83 dg. Kurile Islands 46°4 N, 149°3 E. - H=21:16:30.1; h about 160 km. (USCGS). M=6 ³ / ₄ (Palisades).
19	eiP ei!S	05 22 34 C 33 11	Very weak. $\Delta = 11,110$ km. ~ 100 dg. Peru-Brasil border 10°8 S, 71°0 W. - H=05:08:49.5; h about 649 km. (USCGS). M=7 (Matsushiro, Pasadena).
19	eiP	05 46 02	Traces. $\Delta = 9,280$ km. ~ 83.5 dg. Off west coast of Honshu, Japan 36°2 N, 136°5 E. - H=05:33:30.6, h about 17 km. (USCGS). M=7 ¹ / ₄ (Palisades, Pasadena).
20	ePKP	05 23 01	Traces. $\Delta = 16,890$ km. ~ 152 dg. Fiji Islands 17°9 S, 178°8 W. - H=05:04:14.3; h about 592 km. (USCGS).
23	eiP	04 19 29 C	Traces. $\Delta = 3,890$ km. ~ 35 dg. Tadzhik S.S.R 38°9 N, 68°7 E. - H=04:12:35.9, h about 25 km. (USCGS).
24	eiPKP	09 30 52.5 D	Traces. $\Delta = 15,560$ km. ~ 140 dg. New Hebrides. 14°8 S, 167°2 E. - H=09:11:24.5; h about 91 km. (USCGS).

Date	Phase	Time	Additional Readings and Remarks
August 24	ei P	22 53 19 D	Traces. $\Delta = 9,280$ km. ~ 83.5 dg. Eastern Hokkaido, Japan 43°0 N, 145°3 E. - H=22:40:54.6, h about 45 km. (USCGS). M=4 ¹ / ₂ (Matsushiro).
27	e P	02 02 19	Traces. $\Delta = 7,060$ km. ~ 63.5 dg. South of Ascension Island 15°4 S, 139°1 W. - H=01:51:51.8; h about 49 km. (USCGS). M=5 ³ / ₄ (Moscow, Matsushiro).
27	e P	21 08 23	Traces. $\Delta = 9,390$ km. - 84.5 dg. Kurile Islands 46°9 N, 154°1 E. - H=20°56:20.9; h about 51 km. (USCGS).
31	eiP epP	02 01 23 C 03 31	Traces. $\Delta = 11,110$ km. ~ 100 dg. Peru-Brasil border 10°7 S, 70°9 W. - H=01:48:37.5; h about 626 km. (USCGS). M=7-7 ¹ / ₄ (Pasadena).
31	e P eipP	02 09 53 D 12 11 C	Very Weak. $\Delta = 11,110$ km. ~ 100 dg. Peru-Brasil border 10°5 S, 70°7 W. - H=01:57:08.0, h about 629 km. (USCGS). M=7 ¹ / ₂ (Matsushiro, Pasadena).
Sept. 1	e P eiPKP ei S	00 23 44 27 40 35 32	Very weak. $\Delta = 11,780$ km. ~ 106 dg. Sandwich Islands region 59°5 S, 27°3 W. - H=00:09:34.6; h about 131 km. (USCGS). M=7 (Roma, Berkeley, Matsushiro).
1	eiPKP	19 00 23 C	Traces. $\Delta = 16,940$ km. ~ 152.5 dg. Fiji Islands region 18°1 S, 178°3 W. - H=18:41:32.4; h about 619 km.
4	eiP	10 02 04.0	Traces. $\Delta = 9,830$ km. - 88.5 dg. Andreanof Islands, Aleutian Is-

Date	Phase	Time	Additional Readings and Remarks
Sept. 4			lands 51°6 N, 178°2 W. - H=09:49:13.5; h about 40 km. (USCGS). M=6 ¹ / ₄ (Berkeley).
5	e P	02 45 40	Traces. Δ=4,830 km. ~ 43.5 dg. Arctic Ocean. 80°2 N, 2°3 W. - H=02:37:37.8; h about 33 km. (USCGS).
5	eiP	06 20 14 D	Traces. Δ =4,280 km. ~ 38.5 dg. Tadzhik S.S.R. 38°5 N, 73°2 E. - H=06:12:59.7; h about 104 km. (USCGS). M=6,0 (Uppsala, Kiruna).
5	eiP	11 46 57	Traces. Δ=9,210 km. ~ 82 dg. Kenai Peninsula (Alaska). 60°0 N, 150°6 W. - H=11:34:37.3; h about 43 km. (USCGS). M=6-6 ¹ / ₄ (Pasadena, Matsu-shiro).
5	eiP	14 15 09 D	Traces. Δ=2,720 km. ~ 24.5 dg. Northern Iran 36° ³ / ₄ N, 54° ¹ / ₂ E. - H=14:09:50; h about 33 km. (BCIS). M=4 (Moscow).
8	e P eiSKS	11 40 27 50 50	Very weak. Δ =11,500 km. ~ 103°5 dg. Sandwich Islands region 56°3 S, 27°1 W. - H=11:26:32.9; h about 125 km. (USCGS). M=7 ¹ / ₂ -7 ³ / ₄ (Pasadena).
11	eiP	22 27 24 C	Traces. Δ =9,110 km. ~ 82 dg. Off north coast of Venezuela 10°9 N, 62°4 W. - H=22:15:02.6; h about 134 km (USCGS). M=6.1 (Trinidad).
13	e P	14 10 04	Traces. Δ =2,280 km. ~ 20.5 dg. Iran 32° N, 47° E. - H=14:05:25 (Moscow).

Date	Phase	Time	Additional Readings and Remarks
Sept. 14	eiP	08 07 40 C	Traces. Δ =2,220 km. ~ 20 dg. Iran-Irak border. 33°0 N, 47°4 E. - H=08:03:08.7; h about 33 km. (USCGS).
15	eiP eiPPP e SS	01 48 16 C 33 50 07	An=15μ, Tn=6 sec. Ae=33μ, Te=8 sec. =950 km. Δ=8.5 dg. ~ M=5.8 (Athens). Cyprus Island 34°9 N, 33°8 E. - H=01:46:09.9; h about 36 km. (USCGS). M=6 (Kiruna, Uppsala).
17	e P	08 54 12	Traces. Δ =9,060 km. ~ 81.5 dg. Near eastern coast of Formosa 23°9 N, 122°1 E. - H=08:41:57.3; h about 53 km. (USCGS). M=6.2 (Quetta, Kiruna, Uppsala).
18	eiP	11 05 41 D	Very weak. Δ=2,280 km. ~ 20.5 dg. Caspian Sea 41° ¹ / ₄ N, 50°0 E. - H=11:01:00 (BCIS). M=5.8 (Quetta, Kiruna, Uppsala).
19	e P eSKS	02 38 40 D 48 21	Traces. Δ=11,060 km. ~ 99.5 dg. Southern Bolivia 20° ¹ / ₂ S, 62° ³ / ₄ W. - H=02:25:48; h about 600 km. (BCIS). M=6 ¹ / ₂ (Matsu-shiro, Pasadena).
27	eiPKP ei(pPKP)	06 52 58 D 55 13	Traces. Δ =16,830 km. ~ 151°5 dg. Fiji Island 17°3 S, 178°7 W. - H=06:34:05.4; h about 555 km. (USCGS). M=5 ³ / ₄ -6 (Pasadena).
27	eiP	19 39 35	Traces. Δ =9,500 km. ~ 85.5 dg. Aftershock. Fox Island, Aleutian Island 52° ¹ / ₂ N, 168° ³ / ₄ W. - H=19:26:58 (BCIS). M=6 (Matsu-shiro).

34.

Date	Phase	Time	Additional Readings and Remarks.
Sept. 28	ei P	00 39 57	ei 4139. Traces. Adriatic.
28	ei P	01 36 22 C	Traces. $\Delta = 9,220$ km. ~ 83 dg. Near coast of Sumatra Island. 3°9 S, 102°0 E. - H=01:23:59.6, h about 78 km. (USCGS). M=6.3 (Uppsala).
28	ei P	05 08 14	Traces. $\Delta = 4,560$ km. ~ 41 dg. Hindu Kush 36°5 N, 70°5 E. - H=05:00:45, h about 220 km. (BCIS).
28	e P	22 42 29	Traces. $\Delta = 3,330$ km. ~ 30 dg. Near coast of Iran 27°2 N, 57°1 E. - H=22:36:24.7; h about 41 km. (USCGS).
29	eiP	17 03 00	Traces. $\Delta = 9,330$ km. ~ 84 dg. Near east coast of Hokkaido, Japan 42°9 N, 145°3 E. - H=16: 50:35.4; h about 45 km. (USCGS).
29	ei(PP)	19 23 49	e 22:44. Traces. $\Delta = 10,720$ km. ~ 96.5 dg. Northern Celebes 0°5 N, 122°4 E. - H=19:06:13.4; h about 110 km. (USCGS). M=6.2 (Quetta).
Oct. 2	eP	06 34 25 C	ei 3426 D. Traces. $\Delta = 9940$ km. ~ 89.5 dg. Near coast of Java, 7°4 S, 107°1 E. - H=06:21:36.2, h about 88 km. (USCGS).
3	eP	09 39 19	Traces. $\Delta = 2170$ km. ~ 19.5 dg. West Iran 34°3 N, 47°9 E. - H=09:34:52.2; h about 59 km. (USCGS). M=4.8 (Moscow).
5	eiPKP	18 28 13 D	Traces. $\Delta = 16,060$ km. ~ 144.5 dg. Loyalty Islands region

Date	Phase	Time	Additional Readings and Remarks
Oct. 5			19°4 S, 169°0 E. - H=18:08:43.4, h about 58 km. (USCGS).
14	eP	07 05 20 C	Traces. $\Delta = 2280$ km. ~ 20.5 dg. Off West Iran 33°6 N, 48°1 E. - H=07:00:39.4; h about 33 km.
14	eP	22 11 21	Traces, $\Delta = 9170$ km. ~ 82.5 dg. Kamchatka 51°2 N, 159°2 E. - H=21:58:59.7; h about 100 km. (USCGS). 6.4 (Quetta).
22	ePKP ₁	10 10 09 D	Traces. $\Delta = 16390$ km. ~ 147.5 dg. New Hebrides Islands 20°0 S, 172°7 E. - H=09:50:30.8; h about 65 km. (USCGS). M=5 1/2 (Berke- ley).
24	eP eipP	07 37 37 38 05	Traces. $\Delta = 9170$ km. ~ 82.5 dg. Kuriles Islands 44°7 N, 146°5 E. - H=07:25:24.7; h about 126 km. (USCGS). M=6.5 (Quetta).
26	eP	15 39 01	Traces. $\Delta = 8720$ km. ~ 78.5 dg. Off west coast of Sumatra 0°3 S, 98°7 E. - H=15:27:05.9; h about 34 km. (USCGS). M=6 (Pasadena).
28	eP	10 51 20 C	Very weak. $\Delta = 2280$ km. ~ 20.5 dg. Iran 33°6 N, 48°5 E. - H=10:46: 42.2; h about 52 km. (USCGS). M=4.67 (Bucuresti).
31	eiP eiS	13 39 35 D 41 24 C	Traces. $\Delta = 1060$ km. ~ 9.5 dg. Central Italy 42°21' N, 13°01' E. - H=13:37:17.6 (Roma). M=5.18 (Roma).
Nov. 3	eiPKP ₁ eiPKP ₂	22 35 26 31	Traces. $\Delta = 16,330$ km. ~ 147 dg. Loyalty Islands region 21°9 S,

36.

Date	Phase	Time	Additional Readings and Remarks.
Nov. 3			170°1 E. - H=22:15:42.6; h about 33 km. (USCGS).
9	ePKP ₁ eiPKP ₂	01 28 56 29 04	Traces. Δ=16.330 km. ~ 147 dg. Loyalty Islands region 22°0 S, 170°0 E. - H=01:09:15.3; h about 33 km. (USCGS). M=5.5 (Wellington)
10	eiPKP	18 19 43 C	Traces. Δ=16.830 km. ~ 151.5 dg. Fiji Islands 17°5 S, 178°8 W. - H=18:00:49.6; h about 586 km. (USCGS).
12	eP	02 22 33	Traces. Δ=4.170 km. ~ 37.5 dg. Congo 0°8 N, 29°5 E. - H=02:15:16.7; h about 39 km. (USCGS). M=5 (Palisades).
15	iP eiS	07 29 37 C 39 54	Weak. Δ=9.280 km. ~ 83.5 dg. Near east coast of Hokkaido, Japan 43°1 N, 145°1 E. - H=07:17:12.4; h about 43 km. (USCGS). M=6 ¹ / ₄ - 6 ¹ / ₂ (Pasadena, Matsushiro).
16	ePKP ₁ ei(PKP ₂)	16 23 38 C 43	Traces. Δ=16.500 km. ~ 148 dg. New Hebrides region 20°2 S, 172°9 E. - H=16:03:54.8; h about 33 km. (USCGS). M=5 ³ / ₄ (Matsushiro).
18	eP	22 22 06 D	Traces. Δ=9.060 km. ~ 81.5 dg. Near coast of Formosa 23°9 N, 121°7 E. - H=22:09:51.9; h about 38 km. (USCGS). M=5-5 ¹ / ₄ (Matsushiro).
19	eP	23 35 13	ei 3516. Traces. Δ=10.890 km. ~ 98 dg. Northern Celebes 0°8 N, 124°3 E. - H=23:21:55.5; h about 157 km. (USCGS).

37.

Date	Phase	Time	Additional Readings and Remarks.
Nov. 20	ePKP ₁	12 03 59 D	Traces. Δ=16.280 km. ~ 146.5 dg. Loyalty Islands 21°8 S, 169.9 E. - H=11:44:19.4; h about 33 km. (USCGS). 5 ³ / ₄ - 6 (Matsushiro).
20	ePKP ₁ eiPKP ₂	13 23 45 51	Traces. Δ=16.330 km. ~ 147 dg. Loyalty Islands 22°1 S, 169°9 E. - H=13:04:04.6; h about 33 km. (USCGS).
20	eP	18 07 33	Traces. Δ=5.830 km. ~ 52.5 dg. North Atlantic Ocean, 31°3 N, 40°8 W. - H=17:58:17.5; h about 34 km. (USCGS). M=5 ³ / ₄ (Matsushiro).
22	ePKP ₁ ei(PKP ₂)	03 05 03 C 06 C	Traces. Δ=16.280 km. ~ 146.5 dg. Loyalty Islands region 21°6 S, 169°8 E. - H=02:45:26.1, h about 63 km. (USCGS).
22	ePKP ₂	11 26 27	e?26:14. Traces. Δ=16.280 km. ~ 146.5 dg. Loyalty Islands region 21°6 S, 169°9 E. - H=11:06:39.2; h about 37 km. (USCGS). M=5.4 (Wellington).
27	eP	06 09 36	Traces. Δ=9.280 km. ~ 83.5 dg. Near south coast of Kyushu, Japan 31°6 N, 131°1 E. - H=05:57:07.7; h about 25 km. (USCGS). M=6 ¹ / ₄ -6 ¹ / ₂ (Pasadena).
29	eP eiS	04 17 38 19 18	ei 1925. Traces. Δ=1000 km. ~ 9 dg. Yugoslavia 44°7 N, 15°9 E. - H=04:15:15 (BCIS).
29	eP	09 40 21	Traces. Δ=9.060 km. ~ 80.5 dg. South Atlantic Ocean 37°0 S, 18°6 W. - H=09:28:11.7; h about 33 km. (USCGS). M=6 ¹ / ₄ (Lwiro).

38.

Date	Phase	Time	Additional Readings and Remarks.
Nov. 29	eiPKP ₁	22 15 32 C	Traces. $\Delta=16.440$ km. ~ 148 dg. Loyalty Islands region $23^{\circ}1$ S, $170^{\circ}9$ E. - $H=21:55:44.7$; h about 29 km. (USCGS). $M=5.2$ (Wellington).
Dec. 1	eiP	21 25 58 D	e? $25:54$. Traces. $\Delta=10220$ km. ~ 92 dg. East China Sea $26^{\circ}5$ N, 124.9 E. - $H=21:13:04.1$; h about 206 km. (USCGS). $M=6.1$ (Uppsala, Kiruna).
3	eiP	18 35 41 D	Traces. $\Delta=1.780$ km. ~ 16 dg. Armenia S.S.R. - Turkey border region $40^{\circ}9$ N, $44^{\circ}1$ E. - $H=18:31:56.1$; h about 44 (USCGS). $M=5$ (Moscow).
3	eP	20 06 22	Traces. $\Delta=8:610$ km. ~ 77.5 dg. Near Vladivostok U.S.S.R. $43^{\circ}6$ N, $135^{\circ}1$ E. - $H=19:55:05.5$; h about 386 km. (USCGS).
4	eP	12 47 56	Traces. $\Delta=6.330$ km. ~ 57 dg. Tibet, $33^{\circ}2$ N, $95^{\circ}3$ E. - $H=12:38:11.9$, h about 45 km. (USCGS). $M=6.2$ (Uppsala).
5	ei(pPKP)	13 23 34	ei 2504. Traces. $\Delta=15.780$ km. ~ 142 dg. New Hebrides Islands $16^{\circ}4$ S, $168^{\circ}0$ E. - $H=13:02:35.7$; h about 205 km. (USCGS). $M=6^1/4-6^1/2$ (Matsushiro, Pasadena).
6	eP	^A 05 59 21 C	ei 5922 D. Traces. $\Delta=7.280$ km. ~ 65.5 dg. Andaman Islands $13^{\circ}6$ N, $93^{\circ}4$ E. - $H=05:48:38.3$; h about 35 km. (USCGS). $M=6.4$ (Uppsala, Kiruna).
6	ePKP ₂	13 56 14 D	ei 5615 C. Traces. $\Delta=17.390$ km. ~ 156.5 dg. Tonga Islands region

39.

Date	Phase	Time	Additional Readings and Remarks.
Dec. 6			$23^{\circ}5$ S, $176^{\circ}1$ W. - $H=13:35:48.2$; h about 45 km. (USCGS). $M=6^1/4$ (Matsushiro, Berkeley).
6	eiP	16.51 58 C	Traces. $\Delta=9.220$ km. ~ 83 dg. Kurile Islands $49^{\circ}3$ N, 155.4 E. - $H=16:39:37.6$; h about 60 km. (USCGS). $M=6-6^1/4$ (Pasadena).
9	ePKP	20 08 36 C	Traces. $\Delta=17.060$ km. ~ 153.5 dg. Fiji Islands $21^{\circ}7$ S, $179^{\circ}9$ E. - $H=19:49:41.3$; h about 620 km. (USCGS).
12	eiP	23 18 44 D	Traces. $\Delta=9.280$ km. ~ 83.5 dg. Near east coast of Hokkaido, Japan $43^{\circ}4$ N, $146^{\circ}2$ E. - $H=23:06:20.6$, h about 65 km. (USCGS). $M=5.5$ (Matsushiro).
27	eP	16 55 35 C	Traces. $\Delta=5.720$ km. ~ 51.5 dg. Atlantic Ocean, north of Ascension Island $1^{\circ}7$ S, $12^{\circ}9$ W. - $H=16:46:31.2$; h about 37 km. (USCGS).

B. SHORT DISTANCE SHOCKS.

Date	Phase	Time	Additional Readings and Remarks
Jan. 2	ePb eiSb eiSg	22 34 50.2 35 17.3 20.0	Very weak. $\Delta=230$ km. ~ 2.1 dg. Felt on Zante Island (IV at Zante).
3	ePg eiSg	02 54 14.4 16.7	Traces. Local shock.
3	ePg eSg	08 50 54.0 51 16.7	Traces. $\Delta=185$ km. ~ 1.7 dg.
3	eiPn	14 33 25.6 C	ei 34:13. Traces. $\Delta=460$ km. ~ 4.1 dg. Off southeast coast of Crete Island. - H=14:32:20(BCIS), Very poorly recorded up to 23° .
3	ePn eiSn eiSg eiSgSg	20 09 01.2 21.1 24.2 26.2	Traces. $\Delta=175$ km. ~ 1.6 dg. Felt in Achaia (IV at Patras),
4	e?(Pn) eiSg	10 36 45.9 37 13.9	Traces. $\Delta=205$ km. ~ 1.8 dg.
4	ePg eiSg	11 06 15.6 23.4	Traces. $\Delta=60$ km. ~ 0.5 dg.
4	ePn eiSg	16 42 00.9 35.7	Traces. $\Delta=250$ km. ~ 2.3 dg.
4	eiPn eSn	17 51 15.7 D 49.8	Traces. $\Delta=305$ km. ~ 2.7 dg. Near north coast of Crete Island. - H=17:50.5 (BCIS).
4	eiPg eiSg	23 02 09.7 C 16.7	Traces. $\Delta=55$ km. ~ 0.5 dg.
5	eiPg eiSg	02 05 52.5 C 59.7	Traces. $\Delta=55$ km. ~ 0.5 dg.

Date	Phase	Time	Additional Readings and Remarks.
Jan. 5	e	22 43 42.4 C	Traces.
6	ePn eiSg	20 10 22.6 55.0	Traces. $\Delta=235$ km. ~ 2.1 dg.
7	eiPn eiSg	05 23 27.4 59.7	Traces. $\Delta=235$ km. ~ 2.1 dg.
7	iPn eiSn	10 31 44.3 D 32 22.9	An=3 μ , Tn=1.9 sec. Ae=6 μ , Te=2.1 sec $\Delta=370$ km. ~ 3.3 dg. M=4.6 (Athens). Dodecanese Islands, 35 $^{\circ}$ 9 N, 27 $^{\circ}$ 0 E: - H=10:30:58.0; h about 127 km. (USCGS). Poorly recorded up to 98 $^{\circ}$. Felt on the Islands Crete (IV at Sitia, Lithinae, II+ at Heraklion) and Astypalaea (III at Astypalaea). Area over which it was felt about 100,000 km 2 . M.M.=5.4.
7	ei(Pn)	15 53 32.3 C	Probably foreshock.
7	iPn eiSn eiSg	15 53 32.8 D 54 03.9 12.1	An=29 μ , Tn=2.0 sec., Ae=16 μ ; Te=2:8 sec., $\Delta=270$ km. ~ 2.4 dg. M=5.1 (Athens). Near south coast of Zante Island, 37 $^{\circ}$ 6 N, 20 $^{\circ}$ 8 E. H=15:52:51 (BCIS). Recorded up to 86 $^{\circ}$. Felt on the Ionian Islands: Zante (V at Keri), Cephalonia (III at Argostoli), Leukas (II+ at Leukas), and in the districts Elis (IV+ at Chavari, IV at Letrinoe, Vouprassia), and Aetolia (IV+ at Mesolonghi). Area over which it was felt about 50,000 km 2 . M.M.=5.3.
7	e(Pb) eiPg eiSn	16 07 57.6 08 00.8 D 24.0	Traces. $\Delta=260$ km. ~ 2.3 dg. Aftershock.

Date	Phase	Time	Additional Readings and Remarks.
Jan. 7	eiPn ei(Pb) eiSg	16 46 04.1 C 07.1 44.0	Traces. $\Delta=275$ km. ~ 2.5 dg. Aftershock.
7	eiPn e(Pn) eiSg	16 50 14.0 17.3 52.3	Traces. $\Delta=265$ km. ~ 2.4 dg. Aftershock.
7	ePb eiSg	21 15 09.9 D 45.5	e? 15:05. Traces. $\Delta=270$ km. ~ 2.4 dg. Aftershock.
7	ePn eiSg	21 44 24.2 45 00.9	Traces. $\Delta=260$ km. ~ 2.3 dg. Aftershock.
8	e?Pn ePb eiPg eSn	09 19 15.4 18.2 22.2 D 45.9	Very weak. $\Delta=265$ km. ~ 2.4 dg. Aftershock.
8	ePn eSb	22 20 21.2 55.3	Traces. $\Delta=265$ km. ~ 2.4 dg. Aftershock.
9	ePg eiSg	02 14 46.1 15 11.0	Traces. $\Delta=210$ km. ~ 1.9 dg.
9	ei(Sg)	14 38 37.3	Traces.
9	e(Sg)	15 23 32.4	Traces.
9	ePn eiSg	21 05 44.7 06 30.0	Traces. $\Delta=310$ km. ~ 2.8 dg.
10	ePn eiSg	11 31 48.8 D 32 35.9	Traces. $\Delta=320$ km. ~ 2.9 dg.
10	ePn eiSn eiSb eiSg	23 50 28.8 D 55.4 56.6 59.7	Very weak. $\Delta=220$ km. ~ 2.0 dg.
11	eiPn eSn eiSg	00 36 32.5 D 58.5 37 03.0	Traces. $\Delta=220$ km. ~ 2.0 dg.

44.

Date	Phase	Time	Additional Readings and Remarks
Jan. 11	ePg eiSg	00 54 26.3 39.9	Traces. $\Delta = 110$ km. ~ 1.0 dg.
11	ePn ei(Sg) eiSgSg	01 50 32.7 53.6 55.6	Traces. $\Delta = 160$ km. ~ 1.4 dg.
11	ePn eiSg	09 32 12.5 45.9	Traces. $\Delta = 240$ km. ~ 2.2 dg.
11	ePg eiSg	09 41 28.2 58.9	Traces. $\Delta = 260$ km. ~ 2.3 dg.
11	ePn eiSg	13 44 15.3 48.8	Traces. $\Delta = 240$ km. ~ 2.2 dg.
11	ePn eiSg	17 34 43.4 35 18.2	Very weak. $\Delta = 245$ km. ~ 2.2 dg.
11	eiPn eiSn eiSb	21 16 41.7 D 17 10.1 12.8	Very Weak. $\Delta = 245$ km. ~ 2.2 dg.
11	eiPg eSb eiSg	23 03 06.2 D 32.0 35.8	Very weak. $\Delta = 250$ km. ~ 2.2 dg.
12	ePb ePg eiSg	03 19 28.4 31.2 59.5	Traces. $\Delta = 240$ km. ~ 2.2 dg.
12	e	04 01 34.4	Traces.
12	ePn eiSg	13 34 45.1 35 27.3	Traces. $\Delta = 290$ km. ~ 2.6 dg.
12	eiPn	15 05 43.3 D	Traces.
12	e	15 08 33.3	Traces.
13	ePg eSg	12 45 52.0 46 10.8	Traces. $\Delta = 155$ km. ~ 1.4 dg.

Date	Phase	Time	Additional Readings and Remarks
Jan. 13	ei(Sg)	15 07 25.3	Traces.
13	e(Pn)	15 30 02.0	ei 30:12, ei 30:37, Traces. $\Delta = 610$ km. ~ 5.5 dg, Mediterranean, about 33° N, 27° E. - H=15:29.1 (BCIS).
14	eiPn eiSg	17 53 55.7 54 03.5	Traces. $\Delta = 60$ km. ~ 0.5 dg.
14	e(Sg)	21 17 46.5	Traces.
15	ePn eiSb	00 15 18.8 C 54.6	Very weak. $\Delta = 280$ km. ~ 2.5 dg. Felt on the Ionian Islands: Cephalonia (V at Sami, IV at Argostoli) and Ithaca (IV at Ithaca).
15	ePn eiSn eiSg	01 46 17.9 46.4 52.7	Traces. $\Delta = 250$ km. ~ 2.2 dg.
15	ePn eSg	08 22 28.7 23 12.2	Traces. $\Delta = 295$ km. ~ 2.7 dg. Felt on Cephalonia Island (V at Sami, IV+ at Argostoli).
15	ePn eiPg eiSg	17 04 05.8 C 11.2 39.1	Very weak. $\Delta = 235$ km. ~ 2.1 dg.
15	eSg	19 26 14.7	Traces. Felt in Corinthia (IV at Isthmia).
15	ePg eiSg	22 26 41.3 C 50.0	Very weak. $\Delta = 70$ km ~ 0.6 dg. Felt in Corinthia (IV+ at Corinth, Isthmia, Archaea-Corinth, IV at St.-Theodoroe).
16	ePn eiSn eiSb eiSg	04 58 00.0 C 31.2 35.2 39.2	Traces. $\Delta = 270$ km. ~ 2.4 dg.

Date	Phase	Time	Additional Readings and Remarks.
Jan. 16	e?Pn eiSg	19 30 24.3 44.2	Very weak. $\Delta = 160$ km. ~ 1.4 dg.
17	eiSg	05 07 18.0	Traces.
17	eiPg eiPgPg eiSg	05 18 07.9 D 09.5 22.3	Traces. $\Delta = 115$ km. ~ 1 dg.
17	iPg eiSg	10 25 31.8 D 39.2	Traces. $\Delta = 55$ km. ~ 0.5 dg.
17	iPg eiSg	10 25 54.1 D 26 00.2	Traces. $\Delta = 45$ km. ~ 0.4 dg.
18	ei(Sg)	14 01 35.3	Traces.
18	e	18 14 32.6	Traces.
18	ePg eiSg	22 46 11.0 34.1	Traces. $\Delta = 195$ km. ~ 1.8 dg.
19	e	23 11 14.0	Traces.
20	e?	07 28 49.2	ei 2855 C. Traces.
20	ePg eiSg	15 47 57.3 48 09.3	Traces. $\Delta = 100$ km. ~ 0.9 dg.
20	ePn eSgPg eiSg	18 44 33.3 39.2 54.7	Traces. $\Delta = 165$ km. ~ 1.5 dg.
21	eiPn e(Sn) eiSg	02 03 44.1 04 05.0 08.5	Traces. $\Delta = 185$ km. ~ 1.7 dg.
21	ePn eiPb eiSg	10 56 10.5 13.1 C 47.9	Traces. $\Delta = 260$ km. ~ 2.3 dg. Felt on Zante Island (IV at Zante).

Date	Phase	Time	Additional Readings and Remarks.
Jan. 22	e(Pn) eiSg	03 20 43.5 C 21 30.7	Traces. $\Delta = 320$ km. ~ 2.9 dg.
22	e(Sg)	03 38 01.9	Traces.
22	ePn eiSn	08 00 35.1 01 01.4	Traces. $\Delta = 225$ km. ~ 2.0 dg. Felt in Elis (III+ at Amalias).
22	ei(Sg)	10 49 01.5	Traces.
22	ePg eiSn eSg	12 23 51.3 24 07.9 11.3	Traces. $\Delta = 145$ km. ~ 1.3 dg.
23	eiPg eSg	07 11 39.1 C 59.4	Traces. $\Delta = 165$ km. ~ 1.5 dg. Felt in Achaia (III at Klitor).
23	eiPg eiSg	08 40 07.4 D 26.5	Traces. $\Delta = 155$ km. ~ 1.4 dg. Felt in Magnessia (III at Argalasti).
23	ei(Sg)	14 39 05.7	Traces.
24	ei(Sg)	11 41 23.3	Traces.
25	ePn eiSn	21 56 07.6 C 49.2	Traces. $\Delta = 380$ km. ~ 3.4 dg. Felt on Symi Island (IV+ at Symi).
26	ePg ei(Sg)	04 59 31.0 36.2	Traces. $\Delta = 35$ km. ~ 0.3 dg.
26	e	06 26 35.7	Traces.
27	iPg eiPn eiSg eiSn	01 16 05.9 D 07.6 18.6 20.3	Traces. $\Delta = 100$ km. ~ 0.9 dg. Felt on Euboea Island (IV at Ste.-Anna).
27	ePg i!PgBg ei(Sg)	01 55 05.5 07.1 D 19.0 C	Traces. $\Delta = 110$ km. ~ 1 dg.

48.

Date	Phase	Time	Additional Readings and Remarks.
Jan. 27	iPg iPn iSg	01 56 25.7 D 26.8 C 38.9	Very weak. $\Delta=110$ km. ~ 1 dg. Felt on Euboea Island (IV at Ste.-Anna).
27	eiPg eiPn eiSg	02 31 53.4 D 54.7 C 32 06.3	Traces. $\Delta=105$ km. ~ 0.9 dg.
27	e?Pn eiSg	15 07 45.1 08 28.2	Traces. $\Delta=295$ km. ~ 2.7 dg.
27	e(Sg)	18 14 00.2	Traces.
28	eiPg eiSg	00 20 05.2 D 12.5	Traces. $\Delta=55$ km. ~ 0.5 dg.
28	i!Pn ei(Sn)	07 18 51.8 D 19 16.2	$A_n=17\mu, T_n=1.6$ sec. $A_e=25\mu, T_e=1.2$ sec. $\Delta=215$ km. ~ 1.9 dg. $M=4.9$ (Athens) Thessalia $39^{\circ}3' N, 22^{\circ}0' E$. - $H=07:18.16.2$; h about 89 km. (USCGS). Poorly recorded up to 85° . Felt in Trikala (IV at Trikala, Pharakadona) and Larissa (III+ at Tirnavos). Area over which it was felt about $10,000$ km ² . $M.M=4.0$.
28	eiPg eSn ei(Sg)	13 42 34.3 D 56.2 01.5	e? 42:30 D. Traces. $\Delta=235$ km. ~ 2.1 dg. Felt on Santorin Island (III+ at Oea).
28	ePg eSb	14 15 34.4 D 16 12.8	Traces. $\Delta=400$ km. ~ 3.6 dg. Near west coast of Rhodes $36^{\circ}N, 27^{\circ}1/2 E$. - $H=14:14.4$ (BCIS). Poorly recorded up to 23° .
28	ePg eiSg	18 47 18.7 50.7	Traces. $\Delta=270$ km. ~ 2.4 dg.
28	eiPn eSn ei!Sg	18 59 23.4 D 41.0 42.7	Traces. $\Delta=155$ km. ~ 1.4 dg. Felt in Achaia (V+ at Perithorion, IV at Kalavryta III at Akrata).

49.

Date	Phase	Time	Additional Readings and Remarks.
Jan. 28	ePg eSg	19 20 11.9 D 32.0	Traces. $\Delta=160$ km. ~ 1.4 dg. Felt in Achaia (IV at Zachlorou).
28	e(Sg)	22 12 07.2	Traces.
29	ePn ei(Sg)	13 05 37.1 D 06 17.1	Traces. $\Delta=275$ km. ~ 2.5 dg.
29	ePn ei!Sg	14 06 11.1 D 52.6	Traces. $\Delta=285$ km. ~ 2.6 dg.
29	e?Pg iPn eiPgPg ei!Sg	18 39 47.8 48.9 DW 49.5 N 40 01.1	$A_n=12\mu, T_n=1.6$ sec. $A_e=12\mu, T_e=1.8$ sec. $\Delta=110$ km. ~ 1 dg. $M=4.3$ (Athens). North Peloponnus about $38^{\circ}N, 22^{\circ}E$. - $H=18:39.4$ (BCIS). Recorded up to 23° . Felt in Achaia (V+ at Perithorion, V at Ano-Klitoria), Corinthia (V at Nemea, Stimaga, Kryoneri, IV at Kiaton, Corinth), Arcadia (V at Kardyla, IV at Tripodlis, Astros, III at Kakouri), Argolis (IV at Argos, Nauplion, Nea-Kios, Karia, Assini, III at Koutsopodi, II+ at Lyghouri). Macroseismic epicenter about $37^{\circ}3/4 N, 22^{\circ}1/2 E$. Area over which it was felt about $10,000$ km ² . $MM=4.2$.
29	ePn ePgPg eiSg	21 09 06.3 06.8 18.7	Traces. $\Delta=110$ km. ~ 1 dg.
29	ePn eiSg	22 26 27.3 27 10.7	Traces. $\Delta=295$ km. ~ 2.7 dg.
30	ePn eSgPnPg ei(SgSg) eiSg	03 06 04.1 07.1 09.1 22.7	Traces $\Delta=135$ km. ~ 1.2 dg.

50.

Date	Phase	Time	Additional Readings and Remarks.
Jan. 30	eiPn eiPg eiSg	12 43 16.6 C 25.6 44 03.4	Traces. $\Delta=315$ km. ~ 2.8 dg.
30	e	12 58 18.3	Traces.
31	ePg eiSg	00 42 25.8 D 53.3	Traces. $\Delta=235$ km. ~ 2.1 dg.
31	ePn eiSb	14 59 13.4 53.2	Traces. $\Delta=305$ km. ~ 2.7 dg. Felt on Kalymnos Island (V at Kalymnos)
Febr. 1	ePn eiSn eiSg eiSgSg	15 05 36.6 54.3 55.6 58.4	Traces. $\Delta=155$ km. ~ 1.4 dg. Felt in Phokis (IV at Kallithea).
2	ei	03 35 30.0 C	Traces.
2	eiPg eiSg	18 07 13.3 D 29.2	Very weak. $\Delta=130$ km. ~ 1.2 dg.
2	ePn eSn e Sg	19 53 12.3 39.8 45.2	Traces. $\Delta=240$ km. ~ 2.2 dg.
3	eiPn eiSb	20 37 04.0 D 30.5	Traces. $\Delta=210$ km. ~ 1.9 dg. Off northern coast of Crete. H=20:36.5 (BCIS).
3	iPn i(Pg) eiSn eiSg	22 13 39.8 C 47.0 C 14 12.2 20.8	Traces. $\Delta=285$ km. ~ 2.6 dg.
4	e(Sg)	14 28 00.6	Traces.
5	ePg eiSn eiSgSg	19 30 22.3 C 39.7 43.7	Traces. $\Delta=150$ km. ~ 1.4 dg. Felt in Phokis (IV at Chrisson).

51.

Date	Phase	Time	Additional Readings and Remarks.
Febr. 8	e?Pn eiSb	20 15 44.9 C 16 28.0	Traces. $\Delta=330$ km. ~ 3 dg. Felt in Thesprotia (V+ at Perdikas).
10	e Pb eiSn	08 22 05.3 37.0	e?22:02 Traces. $\Delta=325$ km. ~ 2.9 dg.
10	e Pn eiSn	08 23 47.1 24 24.1	Traces. $\Delta=330$ km. ~ 3 dg.
10	e Pn eiSn	16 20 46.7 21 20.7	Traces. $\Delta=305$ km. ~ 2.7 dg.
11	e Pg eiSg	05 47 39.1 43.7	Traces. $\Delta=35$ km. ~ 0.3 dg.
11	eiPg eiSg	05 47 56.0 59.6	Traces. $\Delta=25$ km. ~ 0.2 dg.
11	eiPg eiSg	05 48 16.7 20.5	Traces. $\Delta=25$ km. ~ 0.2 dg.
11	eiPn i Sb	09 14 19.5 D 45.8	An=4 μ , Tn=1.9 sec.; Ae=6 μ , Te=1.7 sec. $\Delta=210$ km. ~ 1.9 dg. M=4.3 (Athens). Western coast of Peloponnesus about 37° N, 210 ³ /4 E.- H=09:13.8 (BCIS). Felt in Messenia (IV+ at Kyparissia Gargaliano, IV at Pyrgos, Pylos III+ at Messini). Very poorly recorded up to 24°.
11	e?Pn eiSg	09 31 03.2 D 31.9	Traces. $\Delta=215$ km. ~ 1.9 dg. Aftershock.
11	e	09 34 03.8	Traces.
11	ei(Pg)	15 33 42.5 D	Traces.
13	e(Pn) e Sg	20 48 26.1 C 49 06.7	Traces. $\Delta=280$ km. ~ 2.5 dg.

52.

Date	Phase	Time	Additional Readings and Remarks.
Febr. 14	e?(Pn) e (Sg)	04 10 44.6 11 28.1	Traces. $\Delta = 300$ km. ~ 2.7 dg.
14	eiPg eiSg	13 26 15:30 44.3	Traces. $\Delta = 245$ km. ~ 2.2 dg.
14	ei(Sg)	13 39 53.5	Traces.
14	e Pg eiSn eiSgSg	22 54 01:00 20:5 27.0	Traces. $\Delta = 195$ km. ~ 1,8 dg.
15	e Pg e Sg	05 12 00.4 26.5	Traces. $\Delta = 220$ km. ~ 2 dg. Felt in Laconia (V at Oetylos) and on Cythera Island (III at Potamos).
15	e Pg eiSg	15 08 03:7D 06.0	Traces. Local shock
15	e Pn eiPg eiSg	18 52 53:7D 53 01:7D 36.2	Traces. $\Delta = 295$ km. ~ 2.7 dg.
15	e Pn eiSg	20 51 49.1 52 28.4	Traces. $\Delta = 275$ km. ~ 2.5 dg.
16	e Pn eiSg	02 56 12.8C 55.0	Very Weak. $\Delta = 290$ km. ~ 2.6 dg.
16	ei(Pn)	02 57 13.6D	Shock superimposed on the precedent. Very weak. Foreshock of Feb. 16. Near coast of north Epirus. H=02:56.1 (BCIS). Very poorly recorded up to 6°.
16	e Pn eiSg	03 45 38.8 46 21.3	Weak. $\Delta = 290$ km. ~ 2.6 dg.
16	ei(Pn) ei(Sn)	03 46 05.5D 58.8	An=8 μ , Tn=3.3 sec, Ae=6 μ , Te=3.5 sec. $\Delta = 505$ km. ~ 4.6 dg. M=6.2 (Athens). Shock superimposed on

53.

Date	Phase	Time	Additional Readings and Remarks.
Feb. 16			the precedent. Near coast of north Epirus, 19°1 N, 19°4 E. - H=03:44:58.8, h about 143 km. (USCGS). Poorly recorded up to 82°.
16	e(Pb) eiSg	05 36 22.8 37 01.5	e 36:57. Traces. $\Delta = 290$ km. ~ 2.6 dg. Felt on Ithaca Island (III+ at Ithaca).
16	i Pn eiPg eiSg	06 03 27.2 34.7 04 08.3	Very weak. $\Delta = 285$ km. ~ 2.6 dg. Felt on Samos Island (V at Chora, IV+ at Kokarion IV at Pagon-ta, III+ at Pythagorion III at Mytilinioe).
16	e?(Pn) eiSn eiSb	09 22 23.7 D 54.4 58.8	Traces. $\Delta = 270$ km. ~ 2.4 dg.
16	ei(Sg)	09 44 42.0	Traces.
16	e(Sg)	12 44 53.1	Traces.
16	e?(Pg) eiSg	14 01 09.1 19.2	Traces. $\Delta = 80$ km. ~ 0.7 dg.
16	e(Sg)	17 16 15.0	Traces.
16	e Pn eiSg	21 46 47.5 C 47 24.8	Traces. $\Delta = 260$ km. ~ 2.3 dg.
17	e(Sg)	10 14 04.8	Traces.
17	eiPn ei(Pg) eiSg	13 07 37.5 D 40.8 08 06.5	Very weak. $\Delta = 210$ km. ~ 1.9 dg. Felt in Elis (V at Ladikon, IV+ at Letrinoe, IV at Amalias).
17	ei(Sg)	14 09 56.9	Traces.
18	e	00 12 09.2 C	Traces.

Date	Phase	Time	Additional Readings and Remarks
Febr. 18	iP _g iS _g	01 53 24.5 27.9	C Traces. $\Delta=25$ km. ~ 0.2 dg.
18	e	07 41 33.3	D Traces.
18	ei(S _g)	09 38 08.8	Traces.
18	eP _n eiS _g	10 59 10.7 36.0	D An=11 μ , Tn=1.6sec., Ae=5 μ , Te=1.4 sec., $\Delta=195$ km. ~ 1.8 dg. M=4.5 (Ather North Peloponnesus about 38° N, 21° 1/2 E. - H=10:58.7 (BCIS), Poorly recorded up to 23°. Felt in Achaia (VI at Kaminia, V at Petrochori, IV+ at Patras, Lousika Mazaraki, Ano-Kastritsi, III at Aegion), Elis (IV at Lampia, III at Pyrgos, Amalias) and Aetolia (IV at Mesolonghi, Aetolikon, Analipsis III at Naupaktos). Area over which it was felt about 10.000 km ² M.M.=4.3.
18	eiP _g eiS _n	12.26 37.3 56.5	D Traces. $\Delta=190$ km. ~ 1.7 dg. Felt in Elis (V at Douneika).
18	e P _n e S _n e S _g	13 23 16.8 36.3 40.1	Traces. $\Delta=180$ km. ~ 1.6 dg.
18	e	13 26 26.3	Traces.
18	eiP _n eiS _b	15 47 46.4 48 30.2	C Traces. $\Delta=335$ km. ~ 3.0 dg. Felt on Kos Island (IV+ at Kardameni).
18	eiP _n eiS _g	16 10 16.4 31.6	Traces. $\Delta=125$ km. ~ 1.1 dg.
18	e P _n eiS _g	16 28 31.9 29 08.2	C Traces. $\Delta=255$ km. ~ 2.3 dg.
18	eiP _g e S _g	22 22 22.4 36.9	Traces. $\Delta=120$ km. ~ 1.1 dg.

Date	Phase	Time	Additional Readings and Remarks
Febr. 19	e (P _n) ei(S _g)	00 04 42.6 05 13.8	Traces. $\Delta=225$ km. ~ 2 dg.
19	e P _g i S _g	02 03 09.0 12.5	Traces. $\Delta=25$ km. ~ 0.2 dg.
19	e P _g eiS _g	02 03 22.1 24.9	Traces. $\Delta=20$ km. ~ 0.2 dg.
19	e(P _g) ei(S _g)	02 29 27.9 37.5	Traces. $\Delta=75$ km. ~ 0.7 dg.
19	e P _n eiS _g	05 29 01,2D 39.0	Traces. $\Delta=265$ km. ~ 2.4 dg.
19	ei	10 19 27.2D	Traces.
19	e	11 30 57.6C	Traces
19	e P _g eiS _g	13 39 56.1 40 02.3	Traces. $\Delta=45$ km. ~ 0.4 dg.
19	e(S _g)	19 3 46.5	Traces.
19	eiP _n e S _n eS _g S _g	21 17 19.0C 36.5 40.5	Traces. $\Delta=150$ km. ~ 1.4 dg.
20	eiP _g e S _g eS _g S _g	01 55 16.7C 33.9 36.0	Traces. $\Delta=140$ km. ~ 1.3 dg.
20	e	02 40 29	Traces.
20	ei	08 28 29.7	Traces.
20	e P _g e S _g	14 57 41.4D 54.5	Traces. $\Delta=105$ km. ~ 0.9 dg.
20	e?(P _n) e S _n	15 55 39.6D 56 13.7	Traces. $\Delta=305$ km. ~ 2.7 dg. Felt on the Islands of Kos (V at Kar-

Date	Phase	Time	Additional Readings and Remarks.
Feb. 20			dameni) and Kalymnos (IV at Kalymnos).
21	i Pg i Sn	03 02 26:5 C 45.9	An=25 μ , Tn=1.0 sec. Ae=24 μ , Te=1.0 sec. Δ =195 km. ~ 1.8 dg. M=5.0 (Athens). Off southeastern coast of Peloponnesus 36 $^{\circ}$ 3 N, 23 $^{\circ}$ 9 E.- H=03:01:52.6; h about 25 km (USCGS): Very poorly recorded up to 127 $^{\circ}$. Felt in Laconia (IV at Magoula, Vlachiotei, Gythion), Messenia (IV at Chrysokelaria III+ at Koroni, III at Kyparissia), Arcadia (IV at St.-Petros), Argolis (III+ at Nauplion, III at Galatas) and on Kythera Island (III at Potamos). Area over which the shock was felt about 150,000 km 2 . M.M=5.8.
21	eiPg eiSg	04 35 31.3 39.5	Traces. Δ =65 km. ~ 0.6 dg.
21	e(Sg)	11 09 40.1	Traces. Felt in Florina (V at Lechovon).
21	e Pg eiSg	22 04 24.0 40.4	Traces. Δ =135 km. ~ 1.2 dg.
21	ei(Sg)	22 24 40.0	Traces.
21	e?Pg eSgPg eiSn eiSgSg	23 31 19.9 24.8 37.5 42.0	Traces. Δ =155 km. ~ 1.4 dg.
22	e Pn e Sn eiSg	02 39 16.5 41.6 45.9	Traces. Δ =215 km. ~ 1.9 dg.
22	e Pn e Sn eiSb	20 39 07.3 36.8 40.3	Traces. Δ =255 km. ~ 2.3 dg.

Date	Phase	Time	Additional Readings and Remarks.
Febr. 23	e(Pn) e Sg	03 12 17.6 D 44.5	Traces. Δ =200 km. ~ 1.8 dg.
23	eiPn e Sb eiSg	03 20 09.0 D 21 07.7 17.2	An=2 μ , Tn=2.9 sec.; Ae=1 μ , Te=2.4 sec. Δ =440 km. ~ 4.0 dg. M=4.2 (Athens). Off south coast of Karpathos Island 35 $^{\circ}$ 2 N, 27 $^{\circ}$ 3 E.- H=03:19:07.1; h about 25 km. (BC IS). Foreshock of Feb.23. Poorly recorded up to 38 $^{\circ}$.
23	e Pn eiSg	03 24 20:3 D 28.1	ei 24:22, ei 25:09, ei 25:30. An=10 μ , Tn=6 sec.; Ae=8 μ , Te=6.1 sec. Δ =440 km. ~ 4.0 dg. M=5.0 (Athens). Off south coast of Karpathos Island 35 $^{\circ}$ 1 N, 27 $^{\circ}$ 2 E.- H=03:23:18.5; h about 25 km. (USCGS and BCIS). Poorly recorded up to 90 $^{\circ}$.
23	e(Sg)	18 57 07.1	Traces.
23	e Pg e Sb eiSg	21 39 49.4 C 40 22.8 29.0	Traces. Δ =335 km. ~ 3.0 dg. Foreshock
23	e Pn e Sn	21 45 59.6 C 46 37.0	Traces. Δ =340 km. ~ 3.1 dg. Fore-shock.
23	eiPn i Sn eiSb	21 46 43.9 47 21.0 27.6	An=97 μ , Tn=6.0 sec; Ae=41 μ , Te=6.0 sec. Δ =335 km. ~ 3.0 dg. M=5.7 (Athens): Dodecanese Islands 36 $^{\circ}$ 9 N, 27 $^{\circ}$ 3 E.- H=21:45:50.5; h about 25 km. (USCGS and BCIS). Recorded up to 88 $^{\circ}$. Felt on the Islands Kalymnos (V+ at Kalymnos), Kos (V at Pylion, Kardameni), Nisyros (V at Mandraki), Samos (III at Limin-Vatheos). Area over which it was felt about 30,000 km 2 . M.M=4.9.

58.

Date	Phase	Time	Additional Readings and Remarks
Febr. 23	i Pn i Sb	21 47 23.3 48 07.4	Weak. Aftershock superimposed on the precedent. - $\Delta=335$ km. ~ 3.0 dg. Dodecanese Islands. - H=21:46 (BCIS). Felt on the Islands Nisyros (V at Mandraki), Kos (IV+ at Asphendion), Kalymnos (IV at Kalymnos) Astypalaea (III+ at Astypalaea). Area over which it was felt about 25,000 km ² . M.M.=4.7.
23	e Pn eiSb	21 52 24.3 53 08.9	Very weak. $\Delta=340$ km. ~ 3.1 dg. Aftershock. Felt on Kalymnos Isl (V at Kalymnos).
23	e Pn eiPg eiSg	21 57 31.3 40.4 58 17.7	C An=13 μ , Tn=5 sec. Ae=16 μ , Te=6.1 sec. $\Delta=315$ km. ~ 2.9 dg. M=5 (Athens). Off north east coast of Crete Island 35 ^o 7' N, 25 ^o 9' E. - H=21:56:40.2, h about 25 km. (USCIB Recorded up to 32 ^o).
23	eiPn eiSn	22 12 28.5 12 05.5	C Traces. $\Delta=330$ km. ~ 3.0 dg. Felt on Astypalaea Island (III at Astypalaea).
23	e Pn eiPg eiSg	22 48 36.4 46:0 49 23.2	C Weak. $\Delta=320$ km. ~ 2.9 dg.
23	ei(Sg)	22 52 23.5	Traces.
23	e(Sg)	23 08 09.6	Traces.
24	eiPg eiSg	03 10 06.4 45.9	C e 10:05. Very weak. $\Delta=335$ km. \sim dg.
24	e(Sg)	03 59 50.3	Traces.
24	e Pn e Sn	04 24 28.6 25 06.6	C Traces. $\Delta=340$ km. ~ 3.1 dg.

59.

Date	Phase	Time	Additional Readings and Remarks
Feb, 24	eiPn eiSn	04 25 21.5 59.3	Very weak. $\Delta=340$ km. ~ 3.1 dg.
24	ei(Sg)	04 52 43.5	Traces.
24	ei(Sg)	05 31 54.2	Traces.
24	e(Sg)	06 01 24.7	Traces.
24	e Pn eiSb	08 04 29.3 05 12.8	Traces. $\Delta=335$ km. ~ 3.0 dg
24	e Pn eiPg eiSb eiSg	08 23 25.1 35.1 24 08.0 13.8	D An=3 μ , Tn=1.9 sec., Ae=2 μ , Te=1.4 sec., $\Delta=330$ km. ~ 3 dg. M=4.3 (Athens). Aftershock. Dodecanese Islands. H=08:22.3 (BCIS). Felt on Nisyros Island (IV at Mandraki). Very poorly recorded up to 22 ^o .
24	ei(Sg)	08 35 35.7	Traces.
24	eiPn eiSn	08 35 57.0 36 34.8	C Very weak. $\Delta=340$ km. ~ 3.1 dg.
24	e(Sg)	10 03 29.1	Traces.
24	e?Pn eiSb	12 21 31.8 22 14.6	Traces. $\Delta=330$ km. ~ 3.0 dg.
24	e Pg eiSg	13 25 25.6 45.5	C Traces. $\Delta=160$ km. ~ 1.4 dg.
24	eiPg eiSg	14 34 17.1 56.7	C e? 34:12. Traces. $\Delta=340$ km. ~ 3.1 dg.
24	e Pg eiSg	14 48 13.9 45.9	Traces. $\Delta=270$ km. ~ 2.4 dg.
24	e Pg e Sg	22 06 05.8 46.8	D e? 06:04. Traces. $\Delta=345$ km. ~ 3.1 dg.
24	e Pn eiSn	23 00 37.9 15.2	D Traces. $\Delta=335$ km. ~ 3 dg. Felt on the Islands of Nisyros (V at

60.

Date	Phase	Time	Additional Readings and Remarks.
Febr. 24			Mandraki), Kos (III at Pylon).
24	e Pn eiSn	23 04 48.0 C 05 25.0	Traces. $\Delta=335$ km. ~ 3 dg.
25	e Pb e(Pg) eiSg	07 14 08.9 D 11.5 D 38.7	Very weak. $\Delta=230$ km. ~ 2.1 dg.
25	e Pn e Pb eiPg eiSg	08 16 13.7 D 15.4 18.1 D 44.1	Very weak. $\Delta=220$ km. ~ 2 dg.
25	e Pn eiSg	09 56 14.0 55.0	Traces. $\Delta=285$ km. ~ 2.6 dg.
25	e Pg eiSg eiSgSg	10 18 58.1 19 10.1 13.4	Very weak. $\Delta=95$ km. ~ 0.9 dg. Felt in Phthiotis (III+ at Atalanti).
25	e(Sg)	10 36 45.8	Traces.
25	e(Sg)	13 17 15.0	Traces.
25	e	14 02 53.1	Traces.
25	ei	16 45 35.0	Traces.
25	e(Pn) eiSg	17 08 35.5 09 18.2	Traces. $\Delta=295$ km. ~ 2.7 dg.
26	e?	00 56 18.3	Traces.
26	eiPn eiSg	02 49 08.8 39.7	Traces. $\Delta=225$ km. ~ 2 dg.
26	e Pn eiSg	09 03 37.6 04 07.0	Traces. $\Delta=215$ km. ~ 1.9 dg.
26	ei(Sg)	17 31 19.1	Traces.

61.

Date	Phase	Time	Additional Readings and Remarks.
Febr. 26	e(Sg)	18 47 47.2	Traces.
26	e(Sg)	19 10 42.7	Traces.
26	e	19 39 39.4	Traces.
27	eiPg eiSg	10 33 53.2 D 34 32.8	e 33:52 C. Traces $\Delta=335$ km. ~ 3 dg.
27	eiPg eiSg eiSn	11 11 30.3 C 42.7 44.8	Weak. $\Delta=95$ km. ~ 0.9 dg. Felt on Euboea Island (V+ at Limni, V at Ste.-Anna).
27	eiPg ei(Pn) eiSg	12 03 22.7 C 24.0 36.0	Weak. $\Delta=105$ km. ~ 0.9 dg. Felt on Euboea Island (V at Limni).
27	i Pn eiSg	12 04 14.7 D 25.1	Weak. $\Delta=95$ km. ~ 0.9 dg. Felt on Euboea Island (V+ at Limni).
27	e Pg eiSg eiSn	12 10 25.6 37.2 39.7	Weak. $\Delta=95$ km. ~ 0.9 dg.
27	e Pg i Pn eiSg	12 17 32.5 33.9 D 44.7	Traces. $\Delta=100$ km. ~ 0.9 dg.
27	ei(Sg)	12 33 31.9	Traces.
27	ei(Sg)	12 35 41.3	Traces.
27	eiPg eiSg	13 20 12.9 C 23.2	Traces. $\Delta=80$ km. ~ 0.7 dg.
27	e(Sg)	13 56 13.9	Traces.
27	e Pg i Pn e Sg	14 04 27.3 28.7 D 39.6	Traces. $\Delta=100$ km. ~ 0.9 dg.

62.

Date	Phase	Time	Additional Readings and Remarks.
Febr. 27	eiPg eiPgPg eiSg	17 01 25.2 26.6 38.8	D Weak. $\Delta=110$ km. 1 dg.
27	ei(Pn)	19 07 18.7	D Traces.
27	e(Sg)	19 37 21.4	Traces.
27	e Pn iSg	21 40 47.8 34.0	C An=48 μ , Tn=4 sec. Ae=23 μ , Te=2.8 sec. $\Delta=315$ km. ~2.8 dg. M=5.4 (Athens). Dodecanese Islands 36 $^{\circ}$ 6' N, 26 $^{\circ}$ 9' E.- H=21:40:02.6, h about 40 km. (USCGS). Recorded up to 30 $^{\circ}$. Felt on the Islands Nisyros (V at Mandraki), Kos (IV+ at Kardameni, IV at Kos), Kalymnos (IV at Kalymnos). Not felt on Samos Island. Area over which it was felt about 10,000 km 2 . M.M.=4.2.
27	eiPn eiSn i Sg	21 44 29.6 45 05.5 16.7	C An=24 μ , Tn=2 sec. Ae=18 μ , Te=1.6 sec. $\Delta=320$ km. ~2.9 dg. M=5.2 (Athens). Dodecanese Islands. After shock of Feb.27th. H=21:43.7 (BCI). Recorded up to 36 $^{\circ}$. Felt on the Islands Nisyros (V at Mandraki), Kos (IV at Kos), Kalymnos (IV) at Kalymnos). Not felt on Samos Island. Area over which it was felt about 10,000 km 2 . M.M.=4.2.
27	eiPn eiSb	21 55 18.8 56 03.5	C ei 56:06. An=12 μ , Tn=4 sec. Ae=7 μ , Te=4 sec. $\Delta=340$ km. ~3.1 dg. M=4.8 (Athens) Dodecanese Islands 36 $^{\circ}$ 5' N, 27 $^{\circ}$ 1' E.- H=21:54:33.6; h about 40 km. (USCGS). Poorly recorded up to 86 $^{\circ}$. Felt on the Islands Nisyros (V at Mandraki), Kos (IV+ at Asphendion, III Kos), Kalymnos (IV at Kalymnos). Not felt on Samos Island. Area over which it was felt about 10,000 km 2 . M=4.2.

63.

Date	Phase	Time	Additional Readings and Remarks.
Febr. 27	eiPg eiSg	21 58 51.6 28.7	D Traces. $\Delta=315$ km. ~ 2.8 dg.
27	ei(Sg)	22 07 55.9	Traces.
27	e Pg eiSg	22 20 30.0 21 08.9	e 20:28.6. Traces. $\Delta=330$ km. ~ 3 dg.
27	eiPg eiSb eiSg	22 26 00.9 34.5 40.7	D Very weak. $\Delta=335$ km. ~3.0 dg.
27	e Pg eiSg	22 59 50.1 23 00 31.1	Traces. $\Delta=345$ km. ~ 3.1 dg.
27	e Pg eiSg	23 15 20.0 59.0	Traces. $\Delta=330$ km. ~ 3 dg.
28	e Pn eiSn	00 00 19.1 56.2	Traces. $\Delta=335$ km. ~ 3.0 dg. Felt on Nisyros Island (IV at Mandraki).
28	ei(Pn)	01 17 01.2	Traces.
28	eiPg i!Pn eiSg	01 17 31.0 32.1 D 44.2	C Traces. $\Delta=105$ km. ~ 0.9 dg.
28	i(Pn)	01 48 37.1	D Traces.
28	e Pg e Sg	03 25 23.2 42.9	Traces. $\Delta=160$ km. ~ 1.4 dg. Felt in Magnessia (V at Drakia, IV at Kato-Lechonia, III at Mileae).
28	i!Pn eiSg	04 15 19.6 30.7	D e 15:19. Traces. $\Delta=100$ km. ~ 0.9 dg.
28	i!Pn eiSg	04 21 00.9 14.9	D Traces. $\Delta=120$ km. ~ 1.1 dg.
28	eiPg eiSg	04 38 24.7 37.3	C Very weak. $\Delta=100$ km. ~ 0.9 dg.

64.

Date	Phase	Time	Additional Readings and Remarks.
Febr. 28	i1(Pn)	04 39 32.6 D	Traces.
28	eiPn eiSn	05 18 45.9 C 23.1	Traces. $\Delta=335$ km. ~ 3.0 dg. Felt on Nisyros Island (IV at Mandraki).
28	eiPg eiSg	07 27 53.6 D 28 33.0	e 27:52. $\Delta=335$ km. ~ 3.0 dg. Felt on Nisyros Island (IV at Mandraki)
28	e Pn eiSn	07 32 59.1 33 36.4	Traces. $\Delta=335$ km. ~ 3.0 dg.
28	e Pg i1Pn eiSg	08 31 52.9 54.3 32 05.4	Very weak. $\Delta=105$ km. ~ 0.9 dg.
28	e Pn e Sn	12 11 56.7 33.6	Traces. $\Delta=330$ km. ~ 3 dg.
28	e Pn eiSn eiSb	13 22 27.5 23 04.8 11.6	Weak. $\Delta=335$ km. ~ 3.0 dg.
28	e Pn e Pb eiSg	13 53 03.0 08.0 52.8	Traces. $\Delta=335$ km. ~ 3.0 dg.
28	e	14 00 14.4	Traces.
28	e Pg e Sb eiSg	14 15 36.1 16 10.5 16.5	Traces. $\Delta=340$ km. ~ 3.1 dg.
28	e(Sg)	15 50 35.0	Traces.
28	e Pn eiSg	17 20 44.5 21 25.1	Very weak. $\Delta=280$ km. ~ 2.5 dg. Felt on Cephalonia Island (IV+ at Argostoli, Lixouri)
28	e Pn e Sg	20 00 52.9 01 31.8	Traces. $\Delta=270$ km. ~ 2.4 dg. Felt on Cephalonia Island (IV+ at Argostoli)

65.

Date	Phase	Time	Additional Readings and Remarks.
Febr. 28	e Pg eiPn eiSg eiSn	22 02 53.7 C 54.8 D 03 06.8 08.8	Traces. $\Delta=110$ km. ~ 1 dg.
28	eiPg e Sg	23 02 14.2 D 40.1	Traces. $\Delta=220$ km. ~ 2 dg.
March. 1	e Pg eiSg	00 12 06.0 08.7	Traces. $\Delta=20$ km. ~ 0.2 dg.
1	e(Pg) e(Sg)	00 28 37.2 29 17.0	Traces. $\Delta=335$ km. ~ 3 dg.
1	ei(Sg)	08 53 59.0	Traces.
1	e	16 13 02.6	Traces.
1	e(Pn) eiSb eiSg	18 10 32.9 11 10.7 15.1	Traces. $\Delta=290$ km. ~ 2.6 dg. Felt in Chalcidice (V at Krimni)
1	ei(Sg)	20 17 21.9	Traces.
1	eiSg	21 19 04.1	Traces.
1	i Pn eiSg	21 35 29.2 42.9	Traces. $\Delta=120$ km. ~ 1.1 dg.
1	i Pn eiSg	22 47 00.9 14.0	Traces. $\Delta=115$ km. ~ 1 dg.
2	e Pn e Sb eiSg	03 17 30.2 59.5 18 02.4	Traces. $\Delta=230$ km. ~ 2.1 dg.
2	e Pn eiSg	04 46 22.0 57.0	Traces. $\Delta=250$ km. ~ 2.2 dg.
2	eiPn eiSg	09 06 32.9 C 07 17.6	Traces. $\Delta=305$ km. ~ 2.7 dg.

66.

Date	Phase	Time	Additional Readings and Remarks.
March 2	e	10 57 22.6	Traces.
2	eiPn eiSn eiSg	19 49 00.2 34.6 45.7	Traces. $\Delta=310$ km. ~ 2.8 dg.
3	i Pg eiSg	15 57 50.0 D 56.9	Very weak. $\Delta=50$ km. ~ 0.5 dg. Felt in Corinthia (III at Corinth).
3	i Pg eiSg	15 59 28.5 C 35.3	Traces. $\Delta=50$ km. ~ 0.5 dg.
4	e Pg eiSg	11 06 31.1 07 07.4	Traces. $\Delta=310$ km. ~ 2.8 dg.
4	eiPn ei(Sg)	16 46 01.5 D 59.6	Traces. $\Delta=380$ km. ~ 3.4 dg.
5	eiPg eiSg	15 40 33.1 41.2	Traces. $\Delta=60$ km. ~ 0.5 dg.
5	e Pg eiSn eiSb	18 56 28.4 56.8 57 05.0	e? 56:13. Traces. $\Delta=375$ km. ~ 3.4 dg.
5	e Pn eiSg	20 34 00.9 C 58.1	Traces. $\Delta=380$ km. ~ 3.4 dg. Crete Island $35^{\circ}1/4$ N, $26^{\circ}1/4$ E. - H=20:33.2 (BCIS). Recorded up to 8° .
6	e Pb e Sn eiSb	02 58 38.6 59 14.2 22.3	e? 58:35. Traces. $\Delta=375$ km. ~ 3.4 dg.
6	eiPn eiSn eiSg	05 10 48.7 11 33.9 51.7	Traces. $\Delta=410$ km. ~ 3.7 dg. Near east of Crete Island 35° N, $26^{\circ}1/4$ E. - H=05:09.8 (BCIS). Recorded up to 8° .
6	i Pg eiSg	08 20 45.7 CSW 52.9	An=48 μ , Tn=3.5 sec. Ae=18 μ , Te=2. sec. $\Delta=55$ km. ~ 0.5 dg. M= 4.4 (Athens). Euboea Island $38^{\circ}27'$ N,

67.

Date	Phase	Time	Additional Readings and Remarks.
March 6			$23^{\circ}57'$ E. - H=08:20.6 (BCIS). Very poorly recorded up to 20° . Felt on the Islands Euboea (VI at Kymi, V+ at Oxyolithos, Vrysi, V at Makrykapa, IV+ at Taxiarchis, Octonia, IV at Chalkis, A-liveri, Ste.- Anna, St.Loukas, Eretria, St.-Nikolaos, Steni, III at Psachna, Mardoudi, Gymnon, II+ at Aphrations) and Skyros (IV+ at Skyros); also in the districts Boeotia (IV at Vathy, II+ at Vaghia, Chalia), and Attica (III at Athens, Chalandri, Raphina; Megara, Ste.-Varvara, Kalamos). Not felt at Aghios (of Euboea), at Loutsas, Spata, Poros, Paeania, Petroupolis, Nea-Makri, Melissa, Lavreotiki, Koukouvaounes, Koropi, Kiphissia, Marathon (of Attica), at Koryni, Arachova (of Boeotia). Macro seismic Epicenter $38^{\circ}27'$ N, $23^{\circ}57'$ E. Area over which it was felt about 15,000 km ² . M.M= 4.5.
6	e Pg eiSg	08 24 00.1 C 11.1	Traces. $\Delta=85$ km. ~ 0.8 dg.
6	e Pg eiSg	08 26 54.6 27 07.3	Traces. $\Delta=100$ km. ~ 0.9 dg.
6	eiPg eiSg	08 28 14.7 C 26.5	Traces. $\Delta=95$ km. ~ 0.9 dg.
6	eiPn eiPg eiSg	08 29 07.5 C 09.2 C 19.1	Traces. $\Delta=90$ km. ~ 0.8 dg.
6	ei(Sg)	09 27 29.6	Traces.
6	ei(Sg)	10 08 36.0	Traces.

68.

Date	Phase	Time	Additional Readings and Remarks.
March			
6	eiPg eiSg	10 26 20.9 C 32.8	Traces. $\Delta=95$ km. ~ 0.9 dg.
6	eiPg eiSg	13 36 45.5 C 57.2	Traces. $\Delta=95$ km. ~ 0.9 dg.
6	e Pg ePgPg e Sn	17 34 00.4 01.7 16.9	Traces. $\Delta=140$ km. ~ 1.3 dg.
7	ei(Sg)	04 40 41.6 D	Traces.
7	ei(Sg)	04 41 07.0	Traces.
7	eiPg eiPgPg eiSg	05 42 33.7 D 35.7 46.1	Traces. $\Delta=100$ km. ~ 0.9 dg. Felt on Euboea Island (IV+ at Kymi, III at Vrysi).
7	eiPn eiSn	06 24 09.3 C 47.2	Traces. $\Delta=340$ km. ~ 3.1 dg. Felt on Nisyros Island (IV at Mandraki).
7	e Pn e Sg	07 06 47.8 C 07 27.7	Traces. $\Delta=275$ km. ~ 2.5 dg.
7	eiPg eiPn eiSg	15 55 03.7 C 05.4 C 14.0	Very weak. $\Delta=85$ km. ~ 0.8 dg. Felt on Euboea Island (IV at Kymi, Vrysi, III+ at Avlonari).
7	e(Pn) e Sg	20 37 30.1 38 02.2	Traces. $\Delta=230$ km. ~ 2.1 dg.
7	ei(Sg)	22 01 47.0	Traces.
8	ilPn e Sg eiSn	00 31 26.7 D 37.3 39.3	e 31:26. Traces. $\Delta=95$ km. ~ 0.9 dg.
8	e Pn eiSn	04 52 50.1 53 56.6	Traces. $\Delta=625$ km. ~ 5.6 dg. Calabria, Italy, $38^{\circ}3/4$ N, $16^{\circ}1/4$ E. H=04:51.4 (BCIS).

69.

Date	Phase	Time	Additional Readings and Remarks.
March			
8	e Pg eiSg	08 12 05.0 C 36.0	Traces. $\Delta=265$ km. ~ 2.4 dg.
8	e(Sg)	14 45 20.5	Traces.
8	e?Pn e Pg eiSg	21 13 25.7 30.6 58.5	Traces. $\Delta=235$ km. ~ 2.1 dg. Felt in Karditsa (IV+ at Messenikola).
9	e Pn	00 09 15.7 D	Traces. $\Delta=450$ km. ~ 4.0 dg. Off east coast of Crete Island about 35° N, $27^{\circ}1/4$ E. H=00:08.1 (BC IS). Poorly recorded up to 8° .
9	e Pg e Sg	01 06 11.9 14.6	Traces. Local shock.
9	ei(Sg)	21 00 48.9	Traces.
10	e Pn ei(Sg)	03 28 29.3 29 18.2	Traces. $\Delta=330$ km. ~ 3 dg.
10	ei	06 44 14.3 D	Traces.
10	e	22 55 57.6 D	Traces.
11	i Pg eiSg	06 58 45.2 D 56.9	Traces. $\Delta=95$ km. ~ 0.9 dg.
12	e Pg e Sg	11 54 23.2 47.2	Traces. $\Delta=205$ km. ~ 1.8 dg.
12	e(Sg)	21 55 38.2	Traces.
13	e(Pn) eiSg	00 23 48.9 24 29.4	Traces. $\Delta=280$ km. ~ 2.5 dg.
13	e(Sg)	12 34 15.4	Traces.
13	eiPg eiSg	15 31 12.2 C 52.9	Traces. Foreshock. $\Delta=350$ km. ~ 3.1 dg.

Date	Phase	Time	Additional Readings and Remarks.
March 13	eiPn eiSb	15 33 47.4 C 33.4	An=14 μ , Tn=5 sec. Ae=9 μ , Te=6 sec. Δ =350 km. ~ 3.1 dg. M=5 (Athens). Dodecanese Islands 35 $^{\circ}$ 8 N, 26 $^{\circ}$ 6 E. H=15:31:56.0; h about 25 km. (USC GS). Recorded up to 23 $^{\circ}$. Felt on the Islands Nisyros (V at Mandra- ki) Kos (V at Pylon), Kalymnos (IV at Kalymnos). Not felt on Sa- mos Island. Area over which it was felt about 55,000 km 2 . M.M.=5.2.
13	e Pn eiSn	15 46 29.1 47 07.1	Traces. Δ =345 km. ~ 3.1 dg.
13	ei(Sg)	16 46 16.8	Traces.
13	e Pn eiSb eiSg	19 18 20.7 D 19 22.1 31.6	An=21 μ , Tn=6 sec. Ae=9 μ , Te=6 sec. Δ =460 km. ~ 4.1 dg. M=5.3 (Athens). Off south east coast of Crete Is- land 34 $^{\circ}$ 5 N, 26 $^{\circ}$ 6 E. H=19:17:16.0 h about 25 km. (USCGS and BCIS). M=5 (Simferopol, Kew). Recorded up to 85 $^{\circ}$. Felt on Crete Island (II+ at Sitia). Not felt on Samos Island Area over which it was felt about 25,000 km 2 . M.M.=4.3.
14	e Pn eiSn eiSg	00 20 55.4 21 13.3 15.0	Traces. Δ =155 km. ~ 1.4 dg.
14	e Pg eiSg	03 51 44.8 59.4	Traces. Δ =120 km. ~ 1.1 dg.
14	e(Sg)	04 37 49.3	Traces. Felt in Evrytania (IV at Kliston).
14	i Pg e Sg	14 15 26.9 D 39.5	Traces. Δ =105 km. ~ 0.9 dg.
14	e(Pn) eiSg	15 36 01.5 35.6	Traces. Δ =240 km. ~ 2.2 dg.

Date	Phase	Time	Additional Readings and Remarks.
March 14	e(Sg)	21 04 51.9	Traces.
14	e Pg e Sg eiSn	22 15 53.1 16 06:0 07.8	Traces. Δ =105 km. ~ 0.9 dg.
14	e Pg eiSg	23 04 54:5 05 06.8	Traces. Δ =100 km. ~ 0.9 dg.
15	i Pg eiSg	00 27 48:8 C 28 16.4	Traces. Δ =235 km. ~ 2.1 dg.
15	e Pg e(Sg)	01 01 17.3 45.4	Traces. Δ =240 km. ~ 2.2 dg.
15	i!Pg eiSg	09 51 38.1 47.2	Weak. Δ =70 km. ~ 0.6 dg. Felt on Euboea Island (V+ at Kymi, V at Avlonari, IV+ at Taxi- archis, Oxyolithos, III at Aliveri).
15	e Pg ei(Sg)	10 15 07:9 C 16.2	Traces. Δ =65 km. ~ 0.6 dg. Felt on Euboea Island (V at Avlonari, III+ at Taxiarchis).
15	eiPg eiSg	10 51 15:2 24.7	Traces. Δ =75 km. ~ 0.7 dg. Felt in Euboea Island (III+ at Taxi- archis).
15	ei(Sg)	10 53 36.1	Traces.
15	eiPg ei(Sg)	10 58 51:7 D 59.8	Traces. Δ =65 km. ~ 0.6 dg. Felt on Euboea Island. (III+ at Taxiarchis).
15	eiPg eiPgPg eiSg	11 21 29.7 C 32.2 C 39.4	Traces. Δ =75 km. ~ 0.7 dg. Felt on Euboea Island (V at Avlonari).
15	ei(Sg)	11 55 02.4	Traces.
15	e(Sg)	12 15 23.7	Traces.

72.

Date	Phase	Time	Additional Readings and Remarks.
March 15	e(Pn) eiSg	13 16 32.3 17 07.3	Traces. $\Delta=250$ km. ~ 2.2 dg. Felt in Akarnania (IV ay Sardiniae).
15	e(Pn) eiSg	14 19 17.2 54.9	Traces. $\Delta=260$ km. ~ 2.3 dg. Felt in Akarnania (IV at Sardiniae).
15	e Pg eiSg eiSn eiSgSg	14 38 59.7 39 13.0 14.7 15.8	Traces. $\Delta=105$ km. ~ 0.9 dg.
16	ei	15 46 09.0 D	Traces.
16	e Pn e Sg	19 31 48.0 D 32 24.8	Traces. $\Delta=260$ km. ~ 2.3 dg.
16	e Pg eiSg	19 46 47.5 57.1	Traces. $\Delta=75$ km. ~ 0.7 dg.
17	e Pn eiSg	04 21 57.5 22 47.6	Traces. $\Delta=335$ km. ~ 3 dg.
17	eiPg eiSg	10 18 19.5 D 28.4	Traces. $\Delta=70$ km. ~ 0.6 dg.
17	e Pg e Sg	22 43 19.1 28.6	Traces. $\Delta=75$ km. ~ 0.7 dg.
17	eiPn e Sg	22 43 57.3 D 44 11.4	Traces. $\Delta=120$ km. ~ 1.1 dg.
18	e Pg eiSg	09 19 08.9 D 17.9	Traces. $\Delta=70$ km. ~ 0.6 dg.
18	ei(Sg)	12 30 23.0	Traces.
18	e Pg eiPn eiSg	16 14 55.4 57.0 D 15 07.3	Traces. $\Delta=95$ km. ~ 0.9 dg.
18	eiPg eiSg	18 26 52.9 D 27 01.6	Traces. $\Delta=70$ km. ~ 0.6 dg.

73.

Date	Phase	Time	Additional Readings and Remarks.
March 19	ePn eiSb eiSg	02 11 34.9 D 12 11.1 15.2	Traces. $\Delta=280$ km. ~ 2.5 dg.
19	e(Sg)	02 07 01.7	Traces.
19	e Pn eiSg	03 11 32.1 12 10.3	Traces. $\Delta=270$ km. ~ 2.4 dg.
19	e Pn e Pb eiSb eiSg	03 20 07.1 10.5 43.4 48.0	Traces. $\Delta=285$ km. ~ 2.6 dg. Felt on Cephalonia Island (IV+ at Sami, III at Argostoli).
19	e Pg eiSg	03 47 01.6 05.5	Traces. $\Delta=30$ km. ~ 0.3 dg.
19	e Pn e(Sg)	04 24 39.1 25 11.7	Traces. $\Delta=235$ km. ~ 2.1 dg.
19	e Pg eiSg	09 03 13.9 C 23.7	Traces. $\Delta=75$ km. ~ 0.7 dg.
19	e	10 56 54.5	Traces.
19	e?(Pn) eiSg	11 13 51.2 14 41.8	Traces. $\Delta=340$ km. ~ 3.1 dg.
19	e Pg eiSg	11 25 29.6 39.0	Traces. $\Delta=75$ km. ~ 0.7 dg.
19	e(Pn) eiSg	14 29 35.0 56.5	Traces. $\Delta=165$ km. ~ 1.5 dg.
19	e(Pn) ei(Sg)	21 27 31.4 D 28 32.4	Traces. $\Delta=400$ km. ~ 3.6 dg.
20	i(Pg) eiSg	22 25 40.0 D 50.0	Traces. $\Delta=80$ km. ~ 0.8 dg.
21	e Pn i!Pg	04 55 45.8 D 49.8 D	Weak. $\Delta=210$ km. ~ 1.9 dg. Felt in Aetolia (V at Agrinion, Mes-

Date	Phase	Time	Additional Readings and Remarks.
March 21	i Sg	56 14.8	solonghi, Analipsis, IV at Thermos, Platanos, III+ at Rigani) and Akarania (IV at Astakos)
21	ei(Sg)	14 00 41.8	Traces.
21	ei(Sg)	14 07 24.7	Traces.
21	ei(Sg)	16 25 57.6	Traces.
22	ei Pg ei Sg	12 55 20.3 33.1	D Traces. $\Delta = 105$ km. ~ 0.9 dg.
22	e?(Pn) ei Sg	19 49 10.3 49.7	Traces. $\Delta = 275$ km. ~ 2.5 dg.
23	e(Pn) ei(Fb) ei(Sg)	06 39 00.4 03.4 35.4	D Traces. $\Delta = 270$ km. ~ 2.5 dg. Felt on the Islands Cephalonia (IV+ at Sami, Lixouri), Ithaca (IV+ at Ithaca).
23	eiPg e Sg eiSn	08 32 52.1 33 05.0 06.6	C Very weak. $\Delta = 105$ km. ~ 0.9 dg.
24	e Pg eiSg	00 06 07.2 22.2	Traces. $\Delta = 100$ km. ~ 0.9 dg.
24	ei(Sg)	03 56 12.3	Traces.
24	e(Pn) eiSg	12 08 19.7 09 33.5	Traces. $\Delta = 475$ km. ~ 4.3 dg.
24	e Pn i(Pg) eiSg eiSgSg	16 08 54.6 55.5 09 15.4 17.8	C An= 7μ , Tn= 1.9 sec, Ae= 11μ , Te= 1.8 sec. $\Delta = 165$ km. ~ 1.5 dg. M=4.4 (Athens). Peloponnesus about $37^{\circ}1'N$, $22^{\circ}E$. - H=16:08.5 (BCIS). Felt in Messenia (V+ at Kopanaki, V at Diavolitsi, IV+ at Eva IV at Kalamae, Kyparissia, Arphara, Artiki, Ano-Dorion, III Psari), Elis (III+

Date	Phase	Time	Additional Readings and Remarks.
March 24			at Zacharo). Area over which it was felt about $10,000$ km ² . M.M=4.2.
24	ei(Sg)	16 42 32.8	Traces.
24	e?(Pn) eiSg	20 09 59.1 10 55.3	Traces. $\Delta = 370$ km. ~ 3.3 dg. Felt on Crete Island (IV at Melampae).
24	eiPn eiSg	21 36 24.1 37 04.5	D Traces. $\Delta = 280$ km. ~ 2.5 dg.
24	e(Pn)	23 30 45.8	D Traces.
24	e Pg eiSg	23 55 23.8 37.2	Traces. $\Delta = 110$ km. ~ 1 dg.
25	e Pg i Pn eiSn	00 00 25.7 26.8 40.7	C Traces. $\Delta = 105$ km. ~ 0.9 dg.
25	eiPg eiSg	03 41 27.0 29.2	Traces. Local shock.
25	e Pn eiSg	03 49 49.0 50 25.1	Traces. $\Delta = 255$ km. ~ 2.3 dg.
25	e Pg e Sg	07 39 57.6 40 23.2	Traces. $\Delta = 220$ km. ~ 2 dg. Felt on Santorin Island (III at Oea).
25	e Pn eiPg eSg	08 41 24.9 28.9 55.2	D Traces. $\Delta = 220$ km. ~ 2 dg. Felt on Santorin Island (III at Oea).
25	eiPn eiSn eiSg	13 17 14.1 35.6 40.1	C Weak. $\Delta = 195$ km. ~ 1.8 dg. Felt in Messenia (V at Zevgolatio, IV+ at Kyparissia, Diavolitsi, Eva IV at Kopanaki, III at Kalamae, Ano-Dorion, Psari), Elis (IV at Letrinoe, Zacharo).

Date	Phase	Time	Additional Readings and Remarks.
March 25	e Pn eiSg	14 01 47.5 D 02 14.0	Traces. $\Delta = 200$ km. ~ 1.8 dg. Felt in Messenie (IV at Kopanaki, III at Koroni).
25	e(Pn) e(Sg)	18 48 29.3 49 07.0	Traces. $\Delta = 265$ km. ~ 2.4 dg.
25	e Pg e Sg	21 15 44.3 16 01.0	Traces. $\Delta = 140$ km. 1.3 dg.
25	e Pn e Sg	21 49 28.7 50 16.0	Traces. $\Delta = 320$ km. ~ 2.9 dg.
25	e Pg ePgPg e Sg	22 38 11.9 13.2 28.6	Traces. $\Delta = 135$ km. ~ 1.2 dg.
25	e Pg e Sg	23 55 09.2 27.1	Traces. $\Delta = 150$ km. ~ 1.3 dg.
26	e Pg e Sg	01 31 21.7 49.3	Traces. $\Delta = 235$ km. ~ 2.1 dg.
26	e Pg e Sg	02 48 10.4 37.6	Traces. $\Delta = 230$ km. ~ 2.1 dg.
26	eiPn eiSg	07 13 38.8 14 13.3	Traces. $\Delta = 245$ km. ~ 2.2 dg.
26	e(Pn)	10 09 30.7	Traces.
26	e Pn e Sn	22 49 59.3 50 18.3	Traces. $\Delta = 170$ km. ~ 1.5 dg.
27	i!Pg ei(Sg)	02 15 02.2 C 12.1	Very weak. $\Delta = 80$ km. ~ 0.7 dg.
27	ei(Sg)	15 20 39.0	Traces.
27	eiPn eiSn	16 19 40.9 D 20 11.1	Traces. $\Delta = 265$ km. ~ 2.4 dg. Felt on Samos Island (II+ at Limni Vatheos).

Date	Phase	Time	Additional Readings and Remarks.
March 27	e Pg eiSg	17 06 30.1 43.4	Traces. $\Delta = 105$ km. ~ 0.9 dg.
27	eiPn e Sg	17 37 59.9 C 38 10.9	Traces. $\Delta = 100$ km. ~ 0.9 dg.
27	eiPg eiPgPg eiSg	17 44 08.4 C 10:0 22.1	Traces. $\Delta = 110$ km. ~ 1 dg. Felt on Euboea Island (IV+ at Ste.-Anna).
27	eiPn e Sg	19 40 30.2 C 43.4	Traces. $\Delta = 115$ km. ~ 1 dg.
27	eiPn e Sg	19 44 37.5 C 48.9	Traces. $\Delta = 100$ km. ~ 0.9 dg.
28	eiPg eiPn iPgPg eiSg eiSn	01 43 52.9 C 54.4 54.9 44 05.9 07.9	Traces. $\Delta = 105$ km. ~ 0.9 dg. Felt on Euboea Island (IV at Ste.-Anna).
28	e Pg eiPn iPgPg eiSg eiSn	03 21 29.2 C 30.4 C 30.8 41.8 43.6	Traces. $\Delta = 105$ km. ~ 0.9 dg. Felt on Euboea Island (IV at Ste.-Anna).
29	e?(Pn) ei(Sg)	07 38 52.0 D 40 04.2	Traces. $\Delta = 465$ km. ~ 4.2 dg.
30	e Pg i!Pn eiSg eiSn	19 19 31.6 33.1 D 44.1 46.0	Traces. $\Delta = 100$ km. ~ 0.9 dg.
31	e Pg e Sg	03 10 27.5 53.1	Traces. $\Delta = 215$ km. ~ 1.9 dg.
31	e Pn e Sn e Sg	05 21 03.9 38.2 47.5	Traces. $\Delta = 300$ km. ~ 2.7 dg.

78.

Date	Phase	Time	Additional Readings and Remarks.
March 31	e Pg e Sg	14 08 18.3 29.8	D Traces. $\Delta = 90$ km. ~ 0.8 dg.
31	e?(Pg) eiSg	16 33 58.5 34 12.9	Traces. $\Delta = 120$ km. ~ 1.1 dg.
31	i!Pg eiSg eiSgSg	17 05 11.4 27.9 30.2	D Traces. $\Delta = 130$ km. ~ 1.2 dg. Felt in Phokis (IV+ at Amphissa).
31	e?(Pn) e Sg	17 07 45.5 08 11.4	Traces. $\Delta = 195$ km. ~ 1.8 dg. Felt in Elis (III at Amalias).
31	e(Pn)	23 25 37.9	Traces.
31	e Pg e Sg	23 39 19.4 21.7	Traces. Local shock.
April 1	e(Sg)	23 19 24.1	Traces.
2	e Pn eiPb eiSg	00 01 01.8 04.6 40.7	Traces. $\Delta = 270$ km. ~ 2.4 dg. C
2	e(Sg)	01 33 39.0	Traces.
2	e Pg e Sg	01 49 09.6 25.6	Traces. $\Delta = 130$ km. ~ 1.2 dg.
2	e Pg e Sg	03 10 05.1 09.0	Traces. $\Delta = 25$ km. ~ 0.2 dg.
2	e Pn e Pg eiSg	05 57 24.1 35.1 58 14.9	Traces. $\Delta = 340$ km. ~ 3.1 dg.
2	e?(Pn) eiSg	09 09 02:8 49.8	Traces. $\Delta = 320$ km. ~ 2.9 dg.
2	e(Pn)	09 40 40.6	C Traces.

79.

Date	Phase	Time	Additional Readings and Remarks.
April 2	e Pg eiSn eiSgSg	14 59 32.4 50.1 54.7	D Traces. $\Delta = 160$ km. ~ 1.5 dg.
2	e Pn ei(Pg) eiSn eiSg	15 59 06.6 12.7 34.8 41.1	Traces. $\Delta = 245$ km. ~ 2.2 dg. Central Greece about $39^{\circ}1/4$ N, $21^{\circ}1/2$ E. - H=15:58.5 (BCIS). Very poorly recorded up to 90° .
2	e Pg iPgPg eiSg	19 59 59.6 20 00 01.3 12.4	Traces. $\Delta = 100$ km. ~ 0.9 dg. D
3	e Pn eiSg	03 19 47.9 20 26.3	Traces. $\Delta = 265$ km. ~ 2.4 dg.
3	e?	08 25 15.9	Traces.
3	eiPg eiSg	13 13 14.9 21.0	Traces. $\Delta = 45$ km. ~ 0.4 dg.
3	e?(Pn) eiSg	16 12 59.6 13 42.6	Traces. $\Delta = 295$ km. ~ 2.7 dg. Felt in Pieria (IV at Dion).
4	ei	08 52 52.4	D Traces.
4	e	10 26 27.1	C Traces.
4	e(Sg)	12 01 58.8	Traces.
5	eiPn eiPb eiSn	01 45 59.6 46 05.2 38.7	C Traces. $\Delta = 355$ km. ~ 3.2 dg. C
5	ei(Sg)	12 32 07.0	Traces.
6	eiPn eiSg	01 32 29.4 33 04.2	D e 33:01 Traces. $\Delta = 245$ km. ~ 2.2 dg. Foreshock.
6	eiPn e Sg	01 32 38:0 33 12.3	C Traces. $\Delta = 245$ km. ~ 2.2 dg. Off north coast of Crete Island about 36° N, 25° E. - H=01:32.0 (BCIS).

Date	Phase	Time	Additional Readings and Remarks.
April 6	e Pn eiSg	03 46 19.7 40.3	Traces. $\Delta = 160$ km. ~ 1.4 dg.
6	ei(Pg) ei(Sg)	07 47 20.0 C 57.5	e 47:17 C. Traces. $\Delta = 320$ km. ~ 2.9 dg.
6	eiPg eiSg	08 41 08.2 D 12.5	Traces. $\Delta = 30$ km. ~ 0.3 dg.
6	e(Pn) ei(Sg)	09 36 56.1 37 39.7	Traces. $\Delta = 300$ km. ~ 2.7 dg.
6	e Pg eiSgPnPg eiSg	14 18 34.1 39.1 C 43.2	Traces. $\Delta = 75$ km. ~ 0.7 dg.
6	e	14 59 32.0	Traces.
6	i Pg eiSg	15 16 24.5 C 30.7	Traces. $\Delta = 45$ km. 0.4 dg.
6	eiPg eiSg	15 42 14.6 C 21.0	Traces. $\Delta = 45$ km. ~ 0.4 dg.
6	eiPg eiSg	15 45 52.9 C 59.0	Traces. $\Delta = 45$ km. ~ 0.4 dg.
6	eiPg eiSg	15 50 26.5 C 32.7	Traces. $\Delta = 45$ km. ~ 0.4 dg.
6	eiPg eiSg	15 52 30.6 C 36.6	Traces. $\Delta = 45$ km. ~ 0.4 dg.
6	e?Pg eiPn eiSg	23 40 17.1 18.4 D 29.3	Traces. $\Delta = 100$ km. ~ 0.9 dg.
7	e Pn eiSg	03 00 07.6 44.4	Traces. $\Delta = 260$ km. ~ 2.3 dg.
7	eiPg eiSg	03 43 52.4 44 23.1	Traces. $\Delta = 260$ km. ~ 2.3 dg.

Date	Phase	Time	Additional Readings and Remarks.
April 7	ei Pn ei Pg ei Sn	06 45 29.0 D 38.8 D 46 05.3	ei 46:12. An=2 μ , Tn=1.0 sec. Ae=3 μ ; Te=1.6 sec. $\Delta = 325$ km. ~ 2.9 dg. M=4.3 (Athens). West Macedonia about 40°1/4' N, 21°1/4' E. H=06:44.7 (BCIS). Felt in Kastoria (V at Argos-Orestikon, IV at Mavrochori, Nestorion, Lechovon). Area over which the shock was felt about 3000 km ² . M.M.=(3.4).
7	ei Pg	16 20 46.9 D	Traces.
7	e(Sg)	17 20 29.3	Traces.
8	e(Pn)	20 07 17.1 C	Traces.
8	e	20 36 20	Traces.
9	e Pg eiSg	00 20 21.9 52.1	Traces. $\Delta = 255$ km. ~ 2.3 dg.
9	e	02 44 14	Traces.
9	e Pn e Sn eiSg	03 49 55.4 D 50 34.3 47.3	Traces. $\Delta = 350$ km. ~ 3.1 dg.
9	e Pn eiPb eiSg	10 15 59.6 D 16 05.0 C 51.9	Traces. $\Delta = 350$ km. ~ 3.1 dg.
9	e Pn eiPb eiSn eiSg	13 13 47.4 D 52.7 C 14 27.4 41.2	Traces. $\Delta = 360$ km. ~ 3.2 dg.
10	eiPn e Sg	00 48 33.1 46.4	Traces. $\Delta = 115$ km. ~ 1 dg.
10	i Pg eiSg	09 17 45.6 C 51.2	Traces. $\Delta = 45$ km. ~ 0.4 dg.

Date	Phase	Time	Additional Readings and Remarks.
April 10	eiPg ₁ eiPg ₂ eiSg ₁ eiSg ₂	14 52 52.9 54.7 57.9 59.6	C Very weak. $\Delta = 35$ km. ~ 0.3 dg. Two shocks superimposed.
11	eiPg e Sg	02 16 37.1 17 02.6	C Traces. $\Delta = 215$ km. ~ 1.9 dg.
11	e Pn e Sn e Sg	13 56 33.3 57 04.8 12.2	Traces. $\Delta = 270$ km. ~ 2.4 dg.
11	e Pn eiSg	14 24 03.1 41.4	Traces. $\Delta = 270$ km. ~ 2.4 dg.
12	e Pn eiSn eiSg	01 24 32.6 58.9 25 03.2	Traces. $\Delta = 225$ km. ~ 2 dg.
12	e Pg e Sg eiSgSg	02 27 43.9 57.5 28 00.1	Traces. $\Delta = 110$ km. ~ 1 dg.
12	i Pn eiSg	19 19 56.8 20 08.8	Traces. $\Delta = 110$ km. ~ 1 dg.
12	eiPn eiSg	19 58 28.5 41.9	C Traces. $\Delta = 115$ km. ~ 1 dg.
12	e Pg eiSb eiSg	23 21 06.2 37.4 43.2	Traces. $\Delta = 315$ km. ~ 2.8 dg.
13	e Pn e Sn e Sb	08 36 12.6 44.0 48.3	D Traces. $\Delta = 275$ km. ~ 2.5 dg.
13	e(Sg)	16 00 53.3	Traces.
13	eiPn ei(Sg)	17 46 25.2 47 08.7	Very weak. $\Delta = 295$ km. ~ 2.7 dg.

Date	Phase	Time	Additional Readings and Remarks.
April 14	eiPg eiSg	14 49 16.9 21.2	D Traces. $\Delta = 30$ km. ~ 0.3 dg.
14	e Pn eiSb	17 09 06.8 10 03.5	e 09:57. Traces. $\Delta = 425$ km. ~ 3.8 dg. Dodecanese Islands about $36^{\circ}1/2$ N, $28^{\circ}1/2$ E. Probably $36^{\circ}1/2$ N, $28^{\circ}1/4$ E. - H=17:08.1 (BCIS).
15	eiPn e Sg	02 47 53.6 48 04.1	D Traces. $\Delta = 100$ km. ~ 0.9 dg.
15	eiPn e Sg	03 49 48.6 50 40.7	Traces. $\Delta = 350$ km. ~ 3.1 dg.
15	e Pg eiSg	05 03 35.0 04 10.6	Traces. $\Delta = 300$ km. ~ 2.7 dg.
15	e(Sg)	06 32 34.0	Traces.
15	e Pg eiSg eiSgSg	10 26 21.1 36.3 39.1	Traces. $\Delta = 125$ km. ~ 1.1 dg.
15	e Pn e Sn eiSg	23 35 23.5 45.3 36 49.9	Traces. $\Delta = 200$ km. ~ 1.8 dg.
15	ei(Sg)	23 38 34.3	Traces.
16	e Pn ei(Sn) eiSg	00 01 12.6 43.1 50.4	Traces. $\Delta = 265$ km. ~ 2.4 dg.
16	eiPg e Sg	04 30 24.8 35.0	Traces. $\Delta = 80$ km. ~ 0.7 dg. Felt on Euboea Island (IV at Kymi).
16	ei(Sg)	15 24 27.1	Traces.
17	e Pg eiSg	02 32 34.4 44.6	C Traces. $\Delta = 80$ km. ~ 0.7 dg.

Date	Phase	Time	Additional Readings and Remarks.
April 17	e Pg eiSg	13 10 41.7 11 00.3	Traces. $\Delta = 150$ km. ~ 1.3 dg.
18	e Pn ei(Sg)	00 52 07.0 53 01.0	Traces. $\Delta = 360$ km. ~ 3.2 dg.
18	e Pn eiPb eiSg	01 34 45.0 52.1 35 50.3	Traces. $\Delta = 425$ km. ~ 3.8 dg.
18	e Pg eiSg	07 50 15.6 19.1	Traces. $\Delta = 25$ km. ~ 0.2 dg.
18	e(Pg ₁) eiPg ₂ eiSg ₂	10 38 36.1 39.8 43.6	Traces. $\Delta = 25$ km. ~ 0.2 dg. Two shocks superimposed.
19	e(Pn) eiSg	16 24 53.2 25 26.6	Traces. $\Delta = 240$ km. ~ 2.2 dg.
19	ei	21 35 15.1	Traces.
20	e Pn e Pg e Sg	20 21 58.6 59.5 22 21.1	Traces. $\Delta = 175$ km. ~ 1.6 dg.
20	eiPn eiPb eiPg eiSg	23 24 16.4 C 18.4 C 21.3 C 49.4	Traces. $\Delta = 235$ km. ~ 2.1 dg.
21	e Pn eiSg	06 44 35.7 D 45 12.2	e?44:32. Traces. $\Delta = 255$ km. ~ 2.3 dg.
21	e	10 56 55.4	Traces.
21	e Pg eiSg	15 46 35.5 55.9	Traces. $\Delta = 170$ km. ~ 1.5 dg.
21	eiPn e Sg eiSn	23 38 00.8 D 11.9 14.0	Traces. $\Delta = 100$ km. ~ 0.9 dg.

Date	Phase	Time	Additional Readings and Remarks.
April 22	e(Sg)	05 17 25.6	Traces.
22	e Pn eiSn eiSgSg	16 19 27.8 C 46.8 52.2	Traces. $\Delta = 170$ km. ~ 1.5 dg.
22	e Pg e Sg eiSn eiSgSg	20 41 07.0 20:0 21.9 23.0	Traces. $\Delta = 105$ km. ~ 0.9 dg.
23	e Pn eiSn eiSg	14 15 04.0 21.7 23.7	Traces. $\Delta = 155$ km. ~ 1.4 dg.
24	e Pn eiPb eiSb eiSg	13 04 32.7 36:0 05 06:7 11.1	Traces. $\Delta = 265$ km. ~ 2.4 dg.
27	e Pn ei(Pb) eiSn eiSg	07 04 47.0 49:7D 05 17:2 24.5	Traces. $\Delta = 260$ km. ~ 2.3 dg.
27	eiPg eiSg	07 11 33.9D 12 04.3	e 11:31 C. Traces. $\Delta = 260$ km. ~ 2.3 dg.
27	eiPg eiSg	15 58 37.1D 41.7	Traces. $\Delta = 35$ km. ~ 0.3 dg.
27	e Pn eiPb eiSb	17 45 16.4 22.0 46 05.0	ei 45:56. Traces. $\Delta = 370$ km. ~ 3.3 dg. Dodecanese Island about $36^{\circ}1/2$ N, $27^{\circ}1/2$ E. - H=17:44.5 (BCIS).
28	e(Sg)	07 31 59.3	Traces.
28	e(Sg)	08 01 36.4	Traces.
28	e(Pn) i!Pg	11 45 43.9C 44.9D	Very weak. $\Delta = 155$ km. ~ 1.4 dg. Felt in Laconia (V at Vlachiotti,

86.

Date	Phase	Time	Additional Readings and Remarks.
April 28	eiSn eiSg	46 02:1 03.6	IV* at Daphni, IV at St.-Ioannis, Skala III at Gythion, (Oetylos).
29	e(Pn)	00 26 43.9	e? 26:37. Traces.
29	e Pn eiPg e Sn eiSg	07 45 27.9 D 35.5 D 59.5 46 07.5	Traces. $\Delta = 275$ km. ~ 2.5 dg.
29	e Pg eiPgPg e Sn e SgSg	15 17 05.3 06.9 D 22.1 25.1	Traces. $\Delta = 140$ km. ~ 1.3 dg.
29	eiPg eiSn eiSg	15 38 54.5 C 39 21.1 32.6	Traces. $\Delta = 325$ km. ~ 2.9 dg.
30	ePg eiSg	01 48 11.0 17.5	Traces $\Delta = 50$ km. ~ 0.4 dg.
30	ei(Sg)	02 23 25.5	Traces.
30	eiPg eiSg	12 01 05.8 C 16.1	Traces. $\Delta = 80$ km. ~ 0.7 dg.
30	e(Pg) ei(Sg)	12 29 07.6 C 50.3	Traces. $\Delta = 355$ km. ~ 3.2 dg. Felt on Crete Island (IV at Sitia).
30	e Pn eiSb	18 23 35.3 24 11.8	An=6 μ ., Tn=3.2 sec., Ae=7 μ ., Te=5.1 sec. $\Delta = 285$ km. ~ 2.6 dg. M=4.6 (Athens) Ionian Islands about 38°1/2 N, 20°1/2 E H=18:22.9 (BCIS) Recorded up to 22°. Felt on Cephalonia Island (V at Argostoli, Spartia). Area over which the shock was felt about 5000 km ² . M.M.=(3.8).
30	e Pn eiSb	22 45 58.2 C 36.2	Traces. $\Delta = 290$ km. ~ 2.6 dg.

87.

3.

Date	Phase	Time	Additional Readings and Remarks.
May 1	eiPg ePgPg eiSn eiSg eiSgSg	02 33 21.7 C 23.0 38.7 39.3 41.8	Traces. $\Delta = 145$ km. ~ 1.3 dg.
1	eiPn eiSb eiSg	14 21 52.8 D 22 33.3 38.7	Very weak. $\Delta = 310$ km. ~ 2.8 dg. Felt in Preveza (IV* at Kamarina).
1	ei(Sg)	18 34 24.3	Traces.
2	eiPg eiSg	01 37 15.3 52.7	e? 37:05. Traces. $\Delta = 320$ km. ~ 2.9 dg.
2	e Pg eiSg eiSgSg	15 06 36.2 49.0 52.7	Traces. $\Delta = 105$ km. ~ 0.9 dg.
2	e Pn eiSg	21 36 08.3 C 37 00.4	Traces. $\Delta = 350$ km. ~ 3.1 dg.
3	e Pg eiSg	01 45 01.0 11.6	Traces. $\Delta = 85$ km. ~ 0.8 dg.
3	e Pn eiSg	04 24 17.0 D 55.3	Traces. $\Delta = 270$ km. ~ 2.4 dg.
3	ei(Sg)	08 05 42.0	Traces.
3	eiPg eiSg	10 26 18.0 C 45.4	Traces. $\Delta = 235$ km. ~ 2.1 dg.
3	eiPn e Sn eiSb eiSg	11 04 45.4 05 09.9 11.5 13.2	Traces. $\Delta = 210$ km. ~ 1.9 dg.
3	ei	16 10 00.1 D	Traces.
3	eiPn e Pg e Sb eiSg	17 47 21.1 24.8 45.0 48.1	Traces. $\Delta = 200$ km. ~ 1.8 dg.

Date	Phase	Time	Additional Readings and Remarks.
May 3	eiPn e Sn eiSg	23 14 50.7 15 17.5 22.7	D Traces. $\Delta=230$ km. ~ 2.1 dg.
4	e Pg eiSg	00 37 52.8 38 08.6	C Traces. $\Delta=130$ km. ~ 1.2 dg.
5	eiPg ePgPg eiSg	11 59 52.6 53.9 12 00 09.4	D Traces. $\Delta=135$ km. ~ 1.2 dg.
5	eiPg e Sg	12 34 20.5 38.4	Traces. $\Delta=145$ km. ~ 1.3 dg.
5	e(Sg)	15 29 21.9	Traces.
6	e Pn eiPg e Sn	02 01 38.6 39.3 56.1	Traces. $\Delta=155$ km. ~ 1.4 dg.
6	i Pn	10 13 37.4	D Traces.
6	e Pg eiSg eiSgSg	12 07 16.3 27.3 30.8	Traces. $\Delta=80$ km. ~ 0.7 dg.
7	e Pg e Sg	04 48 17.4 22.5	Traces. $\Delta=40$ km. ~ 0.4 dg.
7	e Pg e Sg	04 53 00.3 40.6	ei 5388. Traces. $\Delta=340$ km. ~ 3.1 dg. South Epirus. $39^{\circ}1/2$ N, $20^{\circ}1/4$ E. H=04:51:43 (BCIS). Poorly recorded up to 15° .
7	e Pg e Sg	19 20 30.2 53.3	Traces. $\Delta=190$ km. ~ 1.7 dg. Felt in Magnessia (IV at Volos).
8	e Pn eiSb	20 31 16.9 32 06.0	C Traces. $\Delta=370$ km. ~ 3.3 dg. Dodecanese Islands about 36° N, 27° E. H=20:30.4 (BCIS).

Date	Phase	Time	Additional Readings and Remarks.
May 8	e Pn eiPgPg e Sn e Sg	22 37 40.0 41.9 58.6 38 00.8	Traces. $\Delta=160$ km. ~ 1.4 dg.
8	e Pn eiPg eiSn eiSg	23 06 56.0 57.3 07 15.0 18.1	Traces. $\Delta=170$ km. ~ 1.5 dg.
9	e Pn e Sn eiSg	05 04 34.2 05 08.9 18.6	Traces. $\Delta=305$ km. ~ 2.7 dg.
9	eiSg	05 41 57.4	Traces.
9	ei(Sg)	09 17 05.1	Traces.
9	ei(Sg)	13 18 25.1	Traces.
9	e?(Pg) eiSg	13 19 02.6 04.4	C Traces. Local shock.
9	e Pg eiSg	15 49 32.6 46.7	Traces. $\Delta=115$ km. ~ 1 dg.
9	e Pn e Pb e Pg eiSg	22 37 49.4 51.8 54.7 38 21.8	Traces. $\Delta=235$ km. ~ 2.1 dg.
10	ei(Sg)	02 33 46.7	Traces.
10	e Pg eiSg eiSn	11 38 43.6 58.6 59.4	Traces. $\Delta=120$ km. ~ 1.1 dg.
10	e(Pn) ei(Sg)	13 57 57.6 58 44.5	Traces. $\Delta=320$ km. ~ 2.9 dg.
11	ei(Sg)	02 45 36.9	Traces.

Date	Phase	Time	Additional Readings and Remarks.
May 11	e?(Pn) eiSb	11 46 49.7 D 47 26.1	e 4654. Very Weak. $\Delta=280$ km. ~ 2.5 dg. Near west coast of Turkey about $39^{\circ}3/4$ N, 26° E. - H=11:46.2 (BCIS).
11	e Pn eiSg	20 46 33.1 47 13.4	Traces. $\Delta=280$ km. ~ 2.5 dg. Felt in Preveza (V at Preveza, IV+ at a Michalitsi, IV at Kamarina), also on Leukas Island (III at Leukas).
12	ei(Sg)	11 35 55.0	Traces.
12	e	14 08 05.2	Traces.
13	e Pn eiSn eiSg	11 30 08.9 37.0 43.6	Traces. $\Delta=245$ km. ~ 2.2 dg.
13	eiPg eiSg	11 53 56.5 54 32.9	Traces. $\Delta=310$ km. ~ 2.8 dg.
13	eiSg	14 05 19.3	Traces.
13	eiPg eiSg	15 35 19.2 36 26.9	Traces. $\Delta=60$ km. ~ 0.5 dg.
13	i Pn eiSg	16 59 29.0 D 42.2	Traces. $\Delta=115$ km. ~ 1 dg.
13	e Pg eiSg	21 29 15.9 31.3	Traces. $\Delta=120$ km. ~ 1.1 dg.
14	e Pg eiSg	00 17 41.1 43.6	Traces. Local shock.
14	eiPg eiSn eiSg	01 04 12.2 D 33.1 36.3	e 04:10. Traces. $\Delta=205$ km. ~ 1.8 dg.
14	ei(Sg)	15 17 55.0	Traces.
14	ei(Sg)	15 23 26.8	Traces.

Date	Phase	Time	Additional Readings and Remarks
May 14	eiPn	19 11 19.6 D	Traces.
16	e Pg e Sg	04 38 40.8 54.9	Traces. $\Delta=115$ km. ~ 1 dg.
16	e Pg eiSg	13 34 02.4 06.5	Traces. Local shock.
17	e	07 40 09.2	Traces.
17	eiPg e Sg eiSgSg	16 46 12.5 27.6 30.6	Traces. $\Delta=125$ km. ~ 1.1 dg.
17	e(Pn) e Sn e Sb	18 31 54.8 32 36.3 44.8	Traces. $\Delta=375$ km. ~ 3.4 dg.
18	eiPg eiSg	08 44 11.2 C 28.4	Traces. $\Delta=140$ km. ~ 1.3 dg. Felt in Achaia (IV at Aeghion, Kounina), and Phokis (IV at Kalithea).
18	e Pn e Sn eiSg	16 57 39.5 C 58 04.6 08.2	Traces. $\Delta=210$ km. ~ 1.9 dg.
18	e Pg e Sg	19 31 56.8 32 15.2	Traces. $\Delta=150$ km. ~ 1.3 dg.
18	eiPn e Sn	19 42 50.0 C 43 16.1	Traces. $\Delta=220$ km. ~ 2 dg.
18	ei(Pg)	19 46 41.0	Traces.
18	eiPn eiSn eiSg	19 51 35.2 D 52 03.2 08.1	Traces. $\Delta=235$ km. ~ 2.1 dg.
19	ei(Pn) eSgPg eiSg i(Sn) eiSgSg	04 35 33.6 C 37.4NE 45.4 46.8 48.6	An=29 μ , Tn=1.0 sec. Ae=46 μ , Te=1.2 sec. $\Delta=105$ km. ~ 0.9 dg. M=4.8 (Athens). Euboea Island. Field Epicenter: $38^{\circ}3/4$ N, $23^{\circ}1/4$ E (Athens). - H=04:35:15 (BCIS).

Date	Phase	Time	Additional Readings and Remarks.
May 19			Poorly recorded up to 10°. Felt on the Islands of Euboea (V+ at Limni, Roviae, V at Politika, Ste.-Anna, Vasilika, IV+ at Loutra-Aedipsou, Mandoudi, IV at Kymi, Psachna, St.-Nicolaos, Makrykapa, Steni, Taxiarchis, St.-Loukas, Kyparisi, Vrysi, Nea-Artaki, Oreoe, III+ at Gymnon, III at Oxylithos, Aphrations, II+ at Chalkis, Eretria), Skopelos (IV at Skopelos), and Skiathos (III at Skiathos); further in Magnesia (IV+ at Pteleos), Phtiotis (IV at Livanatae, Larymna), and Boetia (II+ at Vaghiae, Chalia). Not felt at Avlonari, Ochthonia, Styra, Plataniston, Nea-Styra, Marmarion, Aghiou (of Euboea), Alonisos (of Magnesia), Paeonia (of Attica). Area of felt shaking about 10,000 km ² , M.M.=4.2.
19	eiPg eiSg eiSn	04 41 45.6 57.2 59.7	D Traces. Δ=90 km. ~0.8 dg. Felt on Euboea Island (IV at Limni).
19	eiPg eiSg eiSgSg	04 43 57.6 44 10.3 13.1	C Traces. Δ=100 km. ~0.9 dg.
19	eiPg	04 47 12.6	D Traces.
19	eiPg eiPn eiSg eiSn eiSgSg	04 58 15.4 16.9 28.2 30.2 31.4	C Traces. Δ=100 km. ~0.9 dg. Felt on Euboea Island (V at Limni, IV+ at Ste Anna).
19	eiPg eiSg eiSn	05.29 51.5 30 02.2 05.2	D Traces. Δ=90 km. ~0.8 dg.

Date	Phase	Time	Additional Readings and Remarks.
May 19	eiPg e Sg eiSn	14 32 52.7 33 05.1 07.0	D Traces. Δ=100 km. ~0.9 dg.
19	i!Pg ei(Sg)	15 40 13.0 17.3	D Traces. Δ=30 km. ~0.3 dg.
19	ei!(Pg) eiSg	16 54 25.9 39.3	C Traces. Δ=105 km. ~0.9 dg.
19	ei(Sg)	22 10 29.6	Traces.
20	e Pg eiSg	04 15 19.6 45.9	Traces. Δ=225 km. ~2 dg.
20	e Pg i!Pn e Sg	05 31 10.9 13.0 22.4	Traces. Δ=90 km. ~0.9 dg.
20	i Pg eiSg	19 20 51.5 53.0	C Traces. Local shock.
21	e Pg eiPn eiSg eiSn	04 14 55.4 57.0 15 07.5 09.7	Traces. Δ=95 km. ~0.9 dg.
21	e(Pg) e(Sg)	04 44 07.3 23.8	Traces. Δ=130 km. ~1.2 dg.
21	e	08 00 21.0	Traces.
21	e(Sg)	09 20 10.0	Traces.
21	e Pn i!Pg eiSg	09 24 21.1 25.5 51.4	C Very weak. Δ=220 km. ~2 dg. Felt on Santorin Island (IV+ at Thera, Oea).
21	iPn i!Pg eiSg	10 06 50:1 54:6 07 20.5	C Weak. Δ=220 km. ~2 dg. Felt on Santorin Island (IV+ at Thera).

94.

Date	Phase	Time	Additional Readings and Remarks.
May 21	e(Sg)	11 20 21.2	Traces.
21	e(Sg)	15 21 42.1	Traces.
21	eiPg eiSg	16 57 26.6 D 39.3	Traces. $\Delta=100$ km. ~ 0.9 dg.
21	ei(Sg)	17 45 06.8	Traces.
21	e Sn	20 43 02.7	e 42:46. Traces. $\Delta=310$ km. ~ 2.8 dg. H=20:41,7 (BCIS). Felt in Salonica (V+ at Vrasna), Serrae (IV+ at Daphni) and Drama (IV at Perithorion).
22	e Pg eiSg	00 05 59.6 C 06 12.6	Traces. $\Delta=105$ km. ~ 0.9 dg.
22	e Pn e Pb eiSg	02 09 32.3 C 38.1 C 10 29.0	Traces. $\Delta=375$ km. ~ 3.4 dg.
22	eiPg eiSg	02 59 42.4 C 54.6	Traces. $\Delta=100$ km. ~ 0.9 dg.
22	eiPn eiSg	05 34 16.9 D 26.5	Traces. $\Delta=90$ km. ~ 0.8 dg.
22	e(Sg)	14 35 01.7	Traces.
23	i Pn i Sn	02 46 21.0 D 47 07.9	An=352 μ , Tn=5 sec. Ae=145 μ , Te=3 sec. $\Delta=455$ km. ~ 4.1 dg. M=6.5 (Athens). Southwest Turkey 36 $^{\circ}$ 8' N, 28 $^{\circ}$ 7' E. - H=02:45:18.8; h about 70 km. (BCIS). Recorded up to 141 $^{\circ}$. M=6.7 (Praha), 6.6 (Kiruna), 6 $^{1/2}$ (Matsushiro), 6 $^{1/4}$ -6 $^{1/2}$ (Santa-Lucia), 6 $^{1/4}$ (Pasadena, Palisades), 6.1 (Roxburgh) 5.9 (Kew), 5 $^{3/4}$ (Moscow). Intermediate shock centered in the Southern Turkey caused severe damage in the regions of Marmaris, Ula

95.

Date	Phase	Time	Additional Readings and Remarks.
May 23			Milas and Fethiye. According to Press reports 61 houses collapsed and 41 were seriously damaged; more or less slight damage to 42 houses. The water in many springs as well as in the Gulf of Ismir (Smyrna) became muddy. According to official reports 5 houses on the Island of Rhodes were destroyed and 108 were badly damaged; slight damage to 125 houses. Damage was more or less severe in the city of Rhodes as well as in the villages Kremasti, Maritsa, Trianta, Istrios, Aphantos and Koskinou. Slight damage was reported from the villages Kalavardi, Asklepios, Archangelos, Salakos and Damatria. In Antimachia on Kos Island 2 houses were destroyed. On Leros Island one house collapsed and 16 houses were badly damaged. The total damage on Dodecanese Islands was estimated at $\$$ 72,000. Nine persons were wounded. The shock was felt on the Islands of Rhodes (VII at Rhodes, Kremasti, Maritsa, Istrios, Trianta, Aphantos and Koskinou, VI+ at Kalavardi, Asklepios, VI at Archangelos, Salakos and Damatria, V+ at Apolonia, Paradisi, Katavia, Emponas, Malona, Kalithiae, Laerma and Genadi), Leros (VII at Leros,) Kos (VI+ at Antimachia, V+ at Pylon, V at Kephalos, Asphendion, IV+ at Kardameni, IV at Kos), Chalki (V+ at Chalki), Kalymnos (V+ at Kalymnos), Karpathos (V at Karpathos, IV+ at Olympos, IV at Meneta), Symi (V at Symi), Tilos (V at Livadia, IV at Megalo-Chorio), Nysiros

96.

Date	Phase	Time	Additional Readings and Remarks.
May 23			(IV at Mandraki), Kasos (IV+ at Kasos) and Patmos (IV at Patmos). Also it was felt on Crete Island, mainly in Lasithi (V+ at Malae, IV at St. Nicolaos, Phourni, Kato-Chorion, Lithinae, Neapolis, Piskokephalos, Limnae, Vrachasi, III+ at Kritsa, Sitia, III Ierapetra), Heraklion (IV+ at Heraklion, Gergeri, IV at Profitis-Elias, Epano-Archanae, Episkopi, Malia, Daphnae, Nea-Alikarnasos, Kasteli, III at St. Myron), Rethymnon (V+ at Gazoros, III+ at Rethymnon, III at Margariti). Further it was felt on the Islands of Samos (V+ at Karlovasi, Pythagorion, Pagonta, Vourpiatae, Marathocampos, V at Pyrgos, Koutakeika, Skoureika, Mytilinioe, IV+ at Chora, Kokarion, Limin-Vatheos, IV at Spathrae, Vathy), Ikaria (V at St. Kyrikos, Phounoe, IV at Raches). Chios (IV+ at Nenta, Kalimasia, IV at Chios, Kardamyla, Volisos, Vrontados, Langadas, Neochori, Kalamoti, Tholopotami, III+ at Thymiana, Pyrgi), Oenousae (IV at Oenousae) Naxos (IV+ at Koronon, IV at Naxos, Chalkion, III+ at Koronis), Syros (IV at Hermoupolis), Tinos (IV at Panormos, Tinos), Milos (IV at Plaka), Paros (IV at Naousa), Amorgos (IV at Aeghiali), Euboea (IV at Styra, Platanistos, III at Karystos). Not felt at Thermiades, St. George, Zakros, Elounda, Kavovsion, Ano-Vianos, Kounavae, Mochos, Staviae, Goniae, Pyrgos, Mires, Thrapsanon, Zakros, Episkopi, Anoghia, Melampae (of Crete), Milos, Apolonia (of Milos), Leukae (of Paros). $r_5=200$ km. Area over which it was felt about 550,000 km ² . M.M.=6.9.

97.

Date	Phase	Time	Additional Readings and Remarks.
May 23	e Pn e Sn	06 12 01.5 23.3	C e? 11:45. Traces. $\Delta=200$ km. ~ 1.8 dg.
23	e Pn e Sn	07 29 39.4 30 00.2	D Traces. $\Delta=185$ km. ~ 1.7 dg.
23	e Pg eiSg	08 59 47.6 09 00 08.0	Traces $\Delta=170$ km. ~ 1.5 dg.
23	eiPn e Sg	12 34 05.0 49.1	Traces. $\Delta=300$ km. ~ 2.7 dg.
23	e?	19 06 36.9	e 06:43. Traces.
24	ei	10 22 39.9	D Traces.
25	e	01 35 08.7	Traces.
25	e Pn eiSg	03 13 58.6 14 20.5	Traces. $\Delta=170$ km. ~ 1.5 dg.
25	e Pg e Sn eiSg	07 05 22.1 39.3 40.9	Traces. $\Delta=155$ km. ~ 1.4 dg.
25	e Pg eiSg	07 44 06.5 15.6	Traces. $\Delta=70$ km. ~ 0.6 dg.
25	i Pg i PgPg eiSg i (Sn)	08 25 49.5 51.7 59.1 26 02.5	C Traces. $\Delta=80$ km. ~ 0.7 dg. Felt on Euboea Island (IV at Vrysi, III+ at Kymi).
25	e Pg eiPgPg eiSn eiSg	11 42 53.3 54.4 43 11.0 13.1	C Traces. $\Delta=160$ km. ~ 1.4 dg. Felt in Achaia (IV+ at Aeghion II+ at Valimitica), Phokis (III+ at Kalithea).
25	i Pn eiPg e Sn eiSg	13 12 25.2 32.8 57.4 13 06.4	D An=27 μ , Tn=2 sec. Ae=11 μ , Te=2 sec. $\Delta=285$ km. ~ 2.6 dg. M=5 (Athens) Dodecanese Islands 37°0 N, 26°9 E. - H=13:11:42 (BCIS). Re-

Date	Phase	Time	Additional Readings and Remarks.
May 25			corded up to 23°. Felt on the Islands of Kalymnos (V at Kalymnos), Patmos (IV at Patmos), Kos (IV at Antimachia), Samos (III at Limin-Vatheos). Area over which it was felt about 20,000 km ² . M.M.=4.6.
25	ei(Sg)	23 50 19.2	Traces.
26	e Pn e Pg e Sn eiSg	00 19 18.0 20.0 40.5 45.4	Traces. $\Delta=200$ km. ~ 1.8 dg. Felt in Evrytania (III+ at Karoplesi).
26	e Pn e Sg	00 37 34.0 38 10.9	Traces. $\Delta=260$ km. ~ 2.3 dg.
26	e Pn e Sn e Sb e Sg	00 39 20.1 49.3 52.5 55.5	Traces. $\Delta=250$ km. ~ 2.2 dg.
26	ei(Sg)	12 18 24.7	Traces.
26	ei Pg eiSg	18 52 39.9 47.8	Traces. $\Delta=65$ km. ~ 0.6 dg.
26	e Pg ei(Sg)	20 42 16.4 C 54.1	Traces. $\Delta=320$ km. ~ 2.9 dg.
27	e Pn eiPb eiSb eiSg	00 43 40.2 42.8 D 44 10.6 13.2	Traces. $\Delta=240$ km. ~ 2.2 dg.
27	ei(Sg)	07 32 22.5	Traces.
27	e Pg e Sg	14 16 05.7 C 16.0	Traces.
28	eiPg eiSg	13 01 34.8 C 55.7	Traces. $\Delta=170$ km. ~ 1.5 dg. Felt in Phthiotis (IV at Lamia).

Date	Phase	Time	Additional Readings and Remarks
May 28	e(Sg)	13 33 42.1	Traces. Felt in Jannina (IV+ at Konitsa)
28	eiPn eiSg	14 40 22.7 C 41 04.9	Traces. $\Delta=290$ km. ~ 2.6 dg. Felt in Preveza (IV+ at Preveza IV at Michalitsi).
28	e Pg e Sn eiSg	17 38 37.0 54.9 57.9	Traces. $\Delta=175$ km. ~ 1.6 dg.
28	e Pn eiSg	17 43 05.6 C 45.6	Traces. $\Delta=280$ km. ~ 2.5 dg. Felt in Preveza (V at Michalitsi, IV+ at Preveza).
28	e Pn eiSg	19 35 04.4 28.8	Traces. $\Delta=185$ km. ~ 2.7 dg.
28	e Pn ei(Sg)	21 06 52.3 07 30.3	Traces. $\Delta=265$ km. ~ 2.4 dg.
28	e Pn e Sn e Sg	22 07 13.1 C 45.1 53.2	Traces. $\Delta=280$ km. ~ 2.5 dg.
29	e	08 00 20.7	Traces.
29	e Pg e Sn	08 30 34.6 53.2	Traces. $\Delta=180$ km. ~ 1.6 dg. Felt in Achaia (IV at Daphni).
29	eiPg eiSg	10 32 46.1 50.3	Traces. $\Delta=30$ km. ~ 0.3 dg.
29	e	17 16 34.1	Traces.
29	ei	17 31 09.3 C	Traces.
29	e Pn e Pb e Sg	19 29 41.8 C 46.3 D 30 29.8	Traces. $\Delta=320$ km. ~ 2.9 dg.

Date	Phase	Time	Additional Readings and Remarks.
May 29	e Pn e Pb eiSg	20 00 41.6 45.3 01 25.0	Traces. $\Delta=295$ km. ~ 2.7 dg.
29	eiPg i Pn eiSg ei(Sn)	21 21 17.1 18.7 28.5 30.9	C Very weak. $\Delta=90$ km. ~ 0.8 dg. Felt on Euboea Island (IV at Kymi, III+ at Chalkis).
29	ei Pg e Sg	21 31 45.3 55.8	C Traces. $\Delta=85$ km. ~ 0.8 dg.
29	ei(Pg)	23 04 24.8	C Traces. Felt in Lasithi of Crete Island (IV at Anatoli).
30	eiPg iPn eiSg	07 04 49.5 51.4 05 01.7	C Traces. $\Delta=95$ km. ~ 0.9 dg.
30	e Pn eiPb e Sb eiSg	08 00 41.4 45.6 01 21.0 26.0	Traces. $\Delta=305$ km. ~ 2.7 dg. West coast of Turkey. H=07:59.9 (BCIS).
30	eiPn eiSg	12 44 13.8 45 04.5	D Traces. $\Delta=340$ km. ~ 3.1 dg.
30	e(Sg)	16 06 09.7	Traces.
30	e(Sg)	16 08 49.6	Traces.
30	eiPg eiSg	21 35 48.7 36 01.2	D Traces. $\Delta=100$ km. ~ 0.9 dg.
30	ei(Sg)	22 18 01.7	Traces.
30	e Pn eiSg	23 24 59.6 25 34.1	Traces. $\Delta=245$ km. ~ 2.2 dg. Felt on Chios Island (IV at Nenita).
30	e Pn eiPg eiSn eiSg	23 59 01.4 07.7 31.7 39.3	Traces. $\Delta=265$ km. ~ 2.4 dg. Felt on the Islands of Cephalonia (V at Sami, IV at Argostoli), Ithaca (IV Ithaca) and in the region Akarna-

Date	Phase	Time	Additional Readings and Remarks.
May 30			nia (IV+ at Astakos).
31	e Pg e Sg	00 10 36.6 11 07.6	Traces. $\Delta=265$ km. ~ 2.4 dg. Felt on Cephalonia Island (V at Sami).
31	e Pg eiSn eiSb eiSg	00 21 19.6 43.8 47.8 51.1	Traces. $\Delta=270$ km. ~ 2.4 dg. Felt on Cephalonia Island (IV+ at Sami).
31	ei(Sg)	00 46 02.4	Traces.
31	ei(Sg)	05 17 12.1	Traces.
31	eiPg eiSb	05 22 35.8 23 09.8	Traces. $\Delta=265$ km. ~ 2.4 dg. Felt on the Islands Cephalonia (IV+ at Sami) and Ithaca (III+ at Ithaca).
31	eiPg eiSn eiSg	05 59 58.9 06 00 16.9 20.2	C Traces. $\Delta=175$ km. ~ 1.6 dg.
31	i(Pn)	07 58 10.6	Traces.
31	ePb eiPg eiSn eiSb eiSg	08 04 53.4 57.0 05 22.1 26.0 30.2	Traces. $\Delta=280$ km. ~ 2.5 dg.
31	i Pn eiSg	11 11 34.4 46.1	D Traces. $\Delta=105$ km. ~ 0.9 dg.
31	ei(Sg)	17 00 15.0	Traces.
31	eiPn e Sg eiSn	23 36 37.6 48.1 50.9	Traces $\Delta=100$ km. ~ 0.9 dg.

Date	Phase	Time	Additional Readings and Remarks.
June 1	e Pg eiSg	12 06 06.0 23.9	C Traces. $\Delta=150$ km. ~ 1.3 dg.
1	e(Sg)	16 00 03.4	Traces.
1	ei(Sg)	16 05 28.5	Traces.
1	e(Sg)	16 08 52.7	Traces.
1	e(Sg)	17 20 34.1	Traces.
1	eiPn eiSn	17 45 36.0 46 08.3	D Traces. $\Delta=285$ km. ~ 2.6 dg.
1	eiPn eiSn	22 39 32.8 40 16.0	C e 4023, ei 4030, Traces. $\Delta=390$ km. ~ 3.5 dg. Off west Rhodes Island, about $36^{\circ}1/4$ N, $27^{\circ}1/2$ E. - H=22:38.6 (BCIS). Poorly recorded up to 22° . Felt on Rhodes Island (IV at Emponas, Livadia).
2	e Pg eiSg	04 27 58.1 28 08.2	Traces. $\Delta=75$ km. ~ 0.7 dg.
2	e(Pg) e Sg	16 04 33.7 48.8	e? 04:24 C. Traces. $\Delta=115$ km. ~ 1 dg.
2	ei(Sg)	16 43 09.9	Traces.
2	e(Sg)	17 19 30.9	Traces.
2	eiPg i Pn iSgPg eiSg eiSn	21 04 59.9 05 01.4 04:8 12.9 14.9	D Traces. $\Delta=105$ km. ~ 0.9 dg.
2	e Pn eiSgPg e Sg eiSn	21 19 41.3 44.6 52.9 54.5	D Traces. $\Delta=105$ km. ~ 0.9 dg.

Date	Phase	Time	Additional Readings and Remarks.
June 3	ei	07 45 34.1	D Traces.
4	ePn eiSg	02 03 59.4 04 37.9	Traces. $\Delta=270$ km. ~ 2.4 dg.
4	e(Pn) eiSg	13 37 34.8 38 19.1	Traces. $\Delta=300$ km. ~ 2.7 dg.
4	e	16 55 57.5	Traces.
4	ei(Sg)	17 21 55.5	Traces.
4	e	17 27 44.2	Traces.
4	e	17 57 24.2	Traces.
4	e	19 25 46.1	Traces.
5	e Pg ePgPg eiSg	00 22 46.7 49:0 57.8	Traces. $\Delta=90$ km. ~ 0.8 dg.
5	ei	00 52 55.1	Traces.
5	e Pn e Sg	02 01 06.5 52.3	Traces. $\Delta=310$ km. ~ 2.8 dg. Felt on Crete Island (IV at Ampelouzos, Moerae III+ at St. Myron).
5	e	02.47 38.9	Traces.
5	e Pg eiSn eiSg	06 36 09.7 36.2 48.4	Traces. $\Delta=325$ km. ~ 2.9 dg.
5	e Pg eiSg	10 22 40.4 44.9	Traces. $\Delta=30$ km. ~ 0.3 dg.
5	eiPg e(PgPg) eiSg	23 59 48.5 56.5 58.0	C Traces. $\Delta=75$ km. ~ 0.7 dg.

Date	Phase	Time	Additional Readings and Remarks.
June 6	e(Sg)	16 55 37.2	Traces.
6	e Pg e Sn eiSg	17 59 24.5 47.2 52.9	Traces. $\Delta=235$ km. ~ 2.1 dg.
7	e Pn e Sg	02 04 10.4 33.9	Traces. $\Delta=180$ km. ~ 1.6 dg.
7	e Pg eiPpPg eiSg	03 40 38.0 39.9 D 51.2	Traces. $\Delta=110$ km. ~ 1 dg.
7	e Pg eiPn eiSg eiSn	06 50 03.6 03.9 C 16.5 18.3	Traces. $\Delta=105$ km. ~ 0.9 dg.
7	e Pg ePgPg eiSg	07 37 29.9 32.4 40.4	Traces. $\Delta=85$ km. ~ 0.8 dg.
7	e Pn eiPgPg eiSg eiSn eiSgSg	08 09 39.2 D 40.4 D 49.7 52.2 53.4	Traces. $\Delta=95$ km. ~ 0.9 dg.
7	e Pg eiSg	08 22 04.0 16.0	Traces. $\Delta=100$ km. ~ 0.9 dg.
8	e Pn eiPb eiSb eiSg	03 08 27.9 33.0 09 13.0 19.0	Traces. $\Delta=345$ km. ~ 3.1 dg.
8	e Pn eiSg	15 46 47.4 47 55.5	Traces. $\Delta=440$ km. ~ 4.0 dg.
8	e Pg eiSg	23 41 32.0 39.0	Traces. $\Delta=55$ km. ~ 0.5 dg.

Date	Phase	Time	Additional Readings and Remarks.
June 9	e Pg eiSg	11 32 26.8 32.3	Traces. $\Delta=45$ km. ~ 0.4 dg.
9	ei(Pg) ei(Sg)	12 15 50.7 D 54.9	Traces. $\Delta=30$ km. ~ 0.3 dg.
9	eiPg eiPn eiSg	17 24 49.6 D 50.6 25 02.4	Traces. $\Delta=105$ km. ~ 0.9 dg.
9	e(Sg)	17 26 43.9	Traces.
10	eiPn e Sn eiSg	04 37 46.9 D 38 11.2 14.8	Traces. $\Delta=205$ km. ~ 1.8 dg.
10	e(Pb) eiSn eiSg	22 22 11.5 C 38.1 44.5	e? 20:10. Traces. $\Delta=250$ km. ~ 2.2 dg. Felt on Zante Island (IV at Zante)
11	e Pn eiSg	15 40 25.6 57.6	Traces. $\Delta=230$ km. ~ 2.1 dg.
11	e Pn ei(Sn) eiSg	18 15 55.8 16 19.7 22.0	Traces. $\Delta=200$ km. ~ 1.8 dg. Felt in Elis (III at Phygalia).
11	e(Pb) e Sb eiSg	18 37 42.5 38 23.1 29.9	e? 37:39. Traces. $\Delta=350$ km. ~ 3.1 dg.
13	e	04 28 53.0	Traces.
13	i Pg eiSg	10 34 22.2 D 25.8	Traces. $\Delta=25$ km. ~ 0.2 dg.
13	e	14 19 04.6	Traces.
13	e Pg e Sg	19 05 42.0 52.4	Traces. $\Delta=85$ km. ~ 0.8 dg.

Date	Phase	Time	Additional Readings and Remarks.
June 14	e Pn eiSn	03 14 46.1 15 34.4	Traces. $\Delta=445$ km. ~ 4.0 dg. Yugoslavia 41 ^o 9 N, 22 ^o 8 E. - H=03:13.7 (BCIS). Recorded up to 8 ^o .
14	eiPn eiSg	08 16 23.4 D 17 15.9	Very weak. $\Delta=350$ km. ~ 3.1 dg. Off southwest coast of Crete 34 ^o 8 N, 23 ^o 6 E. - H=08:15:34.9; h about 58 km. (USCGS). Recorded up to 29 ^o .
15	eiPg eiSg	10 07 21.5 C 28.1	Traces. $\Delta=50$ km. ~ 0.5 dg.
15	e(Sg)	16 19 10.1	Traces.
15	e Pn e Sb eiSg	21 54 56.4 55 31.7 35.3	Traces. $\Delta=270$ km. ~ 2.4 dg.
16	e Pn eiSg	02 40 08.3 41 02.0	Traces. $\Delta=360$ km. ~ 3.2 dg.
16	e Pn eiSg	03 12 18.7 55.8	Traces. $\Delta=260$ km. ~ 2.3 dg.
16	e Pg eiSg	04 39 52.0 56.9	Traces. $\Delta=35$ km. ~ 0.3 dg.
16	e Pg eiSg	09 29 11.0 25.0	Traces. $\Delta=115$ km. ~ 1 dg.
16	e	13 18 33.2	Traces.
16	eiPn	15 00 50.9 C	Very weak. $\Delta=460$ km. ~ 4.1 dg. Dodecanese Islands 35 ^o 1 N, 27 ^o 5 E. - H=14:59:48.3; h about 38 km. (USCGS). Poorly recorded up to 90 ^o .
17	e(Pn) ei(Sg)	07 33 58.7 34 36.3	Traces. $\Delta=265$ km. ~ 2.4 dg.
17	e	07 49 32.7	Traces.

Date	Phase	Time	Additional Readings and Remarks.
June 17	eiPg eiSg	16 01 29.3 D 33.7	Traces. $\Delta=30$ km. ~ 0.3 dg.
17	ei	16 35 13.8 D	Traces.
18	eiPg eiSg	07 43 14.0 C 18.6	Traces. $\Delta=30$ km. ~ 0.3 dg.
18	eiPg eiSgPnPg e Sn eiSg	09 20 43.8 D 46.5 21 00.4 01.6	Traces. $\Delta=145$ km. ~ 1.3 dg.
18	eiPg eiSg	09 34 42.7 C 47.6	Traces. $\Delta=35$ km. ~ 0.3 dg.
18	eiPg eiSg	11 44 25.5 D 30.1	Traces. $\Delta=35$ km. ~ 0.3 dg.
18	e?	18 26 00.3	e 2612. Traces.
18	e?(Pn) eiSn	19 11 19.0 54.8	e 1123. Traces. $\Delta=325$ km. ~ 2.9 dg.
18	e Pg eiPn eiSgPg eiSgSg	23 13 31.7 32.7 D 36.4 48.3	Traces. $\Delta=115$ km. ~ 1 dg.
19	e Pn eiPg eiSg	00 44 32.0 37.2 C 45 05.8	Traces. $\Delta=240$ km. ~ 2.2 dg. Felt in Trikala (IV at Trikala III+ at Chomphoe).
19	eiPg eiSg	08 02 16.1 24.0	Traces. $\Delta=65$ km. ~ 0.6 dg.
19	eiPg eiSg	08 17 18.8 23.7	Traces. $\Delta=35$ km. 0.3 dg.
19	eiPg eiSg	10 30 51.2 56.1	Traces. $\Delta=35$ km. ~ 0.3 dg.

108.

Date	Phase	Time	Additional Readings and Remarks
June 19	e Pg eiSg	11 37 50.4 55.1	Traces. $\Delta=35$ km. ~ 0.3 dg.
19	eiPg eiSg	21 34 32.1 D 39.8	Traces. $\Delta=60$ km. ~ 0.5 dg.
20	e?(Pg) eiSg	01 48 42.3 51.0	Traces. $\Delta=70$ km. ~ 0.6 dg.
20	e Pg eiSgPg eiSg	15 49 45.6 50.3 50 03.6	Traces. $\Delta=150$ km. ~ 1.3 dg.
20	eiSg	15 50 29.7	Traces.
21	e Pn eiPg eiSn	05 49 41.4 45.8 50 07.0	Traces. $\Delta=220$ km. ~ 2.0 dg.
21	eiPg eiSg	08 48 34.7 C 39.5	Traces. $\Delta=35$ km. ~ 0.3 dg.
21	e(Pn) ei(Pb) e(Sn)	09 30 35.4 D 45.8 31 33.7	e? 30:34. Traces. $\Delta=545$ km. ~ 4.9 dg.
21	e(Pg) e(Sg)	10 54 51.8 55 09.8	Traces. $\Delta=150$ km. ~ 1.3 dg.
21	e	11 43 07.1	Traces.
21	i Pg e Sg	15 18 07.8 D 12.4	Traces. $\Delta=35$ km. ~ 0.3 dg.
21	eiPn ei(Sn) i Sg	16 05 47.7 C 06 42.0 59.9	i 0651. An=15 μ , Tn=4 sec. Ae=11 μ . Te=4 sec. $\Delta=465$ km. ~ 4.2 dg. M=5.2 (Athens). West Turkey 37 $^{\circ}$ 8 N, 29 $^{\circ}$ 1 E. - H=16:04:42 (BCIS); h about 31 km. (USCGS); M=4 $^{3/4}$ (Moscow), 4.8 (Apatity). Poorly recorded up to 87 $^{\circ}$.

109.

Date	Phase	Time	Additional Readings and Remarks
June 21	eiPg eiSg	19 46 12.8 C 30.0	Traces. $\Delta=140$ km. ~ 1.3 dg.
22	eiPn eiPb eiSn	00 57 26.9 C 39.3 D 58 33.5	ei 5831. An=10 μ , Tn=4 sec. Ae=17 μ , Te=5 sec. $\Delta=620$ km. ~ 5.6 dg. M=5.3 (Athens). Northern Albania. Yugoslavia border 42 $^{\circ}$ 4 N, 19 $^{\circ}$ 3 E. H=00:56:01 (BCIS); h=30 km. (USC GS). - M=5 $^{1/2}$ -5 $^{3/4}$ (Matsushiro). Recorded up to 89 $^{\circ}$. Felt in Ju- goslavia (VII at Titograd).
22	e Pn eiPg eiSg	01 33 35.8 41.8 34 11.0	Traces. $\Delta=250$ km. ~ 2.2 dg.
22	eiPn eiPb eiPg eiSb	04 22 32.1 C 39.8 47.8 23 30.7	ei 2324, ei 2347. Very weak. $\Delta=$ 440 km. ~ 4.0 dg. Aftershock of June 21. H=04:21.6 (BCIS).
22	ei	11 56 38.5	Traces.
23	ei(Sg)	07 00 39.2	Traces.
23	iIPg eiSg	10 48 05.1 D 09.3	Traces. $\Delta=30$ km. ~ 0.3 dg.
23	e Pn eiSg	13 26 58.0 D 28 02.0	Traces. $\Delta=420$ km. ~ 3.8 dg.
23	eiPg eiSg eiSn	13 38 23.0 D 35.7 37.5	Traces. $\Delta=105$ km. ~ 0.9 dg.
23	ei(Sg)	17 46 43.7	Traces.
24	e Pg eiSgPg eiSg	01 30 34.1 39.6 42.5	Traces. $\Delta=65$ km. ~ 0.6 dg.

110.

Date	Phase	Time	Additional Readings and Remarks.
June			
24	e(Sg)	03 27 06.1	Traces.
24	e	08 14 06	D Traces.
24	e Pn eiSg	14 11 30.6 53.8	Traces. $\Delta=180$ km. ~ 1.6 dg.
24	eiPn ei(Pg) eiSg	21 26 27.2 6 31.9 27 00.1	Very weak. $\Delta=235$ km. ~ 2.1 dg. Felt on Amorgos Island (IV at Kata- pola).
25	e	04 07 24.2	Traces.
25	eiPg i PgPg eiSg i Sn	13 24 16.7 D 18.4 C 29.1 31.3	Very weak. $\Delta=100$ km. ~ 0.9 dg.
25	ei(Sg)	16 09 37.6	Traces.
25	ei(Sg)	16 44 40.5	Traces.
26	eiPg eiSg	06 57 55.3 D 58 06.0	Very weak. $\Delta=85$ km. ~ 0.8 dg.
27	e(Pn) eiPg e Sn eiSg	01 26 59.0 D 27 03.4 C 25.7 30.5	Traces. $\Delta=230$ km. ~ 2.1 dg.
27	e	07 34 52.7	Traces.
27	eiPg eiSg	18 44 58.8 45 14.3	Traces. $\Delta=125$ km. ~ 1.1 dg.
27	eiPg eiSg	21 01 57.1 D 02 06.4	Traces. $\Delta=75$ km. ~ 0.7 dg.
28	eiPn eiSn eiSb	00 29 50.1 C 30 33.2 42.3	Traces. $\Delta=395$ km. ~ 3.6 dg.

111.

Date	Phase	Time	Additional Readings and Remarks.
June			
28	eiPg eiSg	16 54 21.9 D : 25.7	Traces. $\Delta=25$ km. ~ 0.2 dg.
28	eiPg eiSg eiSgSg	20 40 47.0 C 41 03.0 05.5	Traces. $\Delta=130$ km. ~ 1.2 dg.
28	e Pg eiSg	21 32 19:1 27.0	Traces. $\Delta=65$ km. ~ 0.6 dg.
29	ei(Sg)	05 24 07.1	Traces.
29	eiPn eiPg e Sn	17 12 35.8 C 37.8 D 57.5	Traces. $\Delta=200$ km. ~ 1.8 dg. Felt in Magnesia (IV+ at Zagora, IV at St.-Georgios Nilias, III+ at Mi- leae).
29	e	18 35 23.6	Traces.
30	e Pn e Sb e Sg	05 06 21.5 07 21:0 30.5	Very weak. $\Delta=450$ km. ~ 4.0 dg. Off southeast coast of Crete. 34 ⁰¹ / ₂ N, 26 ⁰¹ / ₄ E. - H=05:05:20 (BCIS); h about 40 km (USCGS). Poorly recorded up to 90°.
30	e	05 42 23.6	Traces.
30	i Pn eiSg	14 47 32.6 D 45.3	Traces. $\Delta=105$ km. ~ 0.9 dg.
30	e Pn eiSg	19 42 23.3 43 10.4	Traces. $\Delta=320$ km. ~ 2.9 dg.
July			
1	eiPn eiSg	00 31 52.2 32 28.9	Traces. $\Delta=260$ km. ~ 2.3 dg.
1	eiPn eiSg	07 57 50.5 D 58 26.8	Traces, $\Delta=255$ km. ~ 2.3 dg.
1	ei Pn ei Sg	10 29 31.4 C 30 16.2	i 3008. An=2 μ , Tn=1.4 sec, Ae= 1 μ , Te=1.9sec, $\Delta=305$ km ~ 2.7 dg.

Date	Phase	Time	Additional Readings and Remarks
July 1			M=4 (Athens). Epirus. $39^{\circ}03/4$ N, 21° E. - H=10:28.4 (BCIS). Very poorly recorded up to 20° . Felt in Jannina (IV+ at Jannina), and Preveza (IV at Philipias, Krypighi). Area over which it was felt, about 10,000 km ² . M.M.=4.1.
1	e(Pn) ei(Sb)	10 56 40.6 57 19.1	Traces. $\Delta=300$ km. ~ 2.7 dg.
1	e Sg	11 00 12.5	Traces.
1	e Pn eiSn eiSb	16 20 02.0 32.4 35.6	Traces. $\Delta=265$ km. ~ 2.4 dg.
1	e Pn eiSg	23 56 11.8 31.7	Traces. $\Delta=155$ km. ~ 1.4 dg.
2	ei(Sg)	01 11 02.3	Traces.
2	ei Pn ei Pg e Sg e SgSg	03 15 06.1 06.9 27.5 29.6	Traces. $\Delta=165$ km. ~ 1.5 dg.
2	ei(Sg)	04 11 47.2	Traces.
2	e(Sg)	06 58 50.0	Traces.
2	e Pb eiSb eiSg	06 59 01.9 D 34.0 38.6	ei 5905. Traces. $\Delta=275$ km. ~ 2.5 dg. Thessalia 40° N, 22° E. - H=06:58; 20 (BCIS). Very poorly recorded up to 20° .
2	e	07 33 14.5	Traces.
2	e(Pg) iiPn eiSg eiSn	17 48 42.4 43.6 55.3 56.9	Traces. $\Delta=105$ km. ~ 0.9 dg.

Date	Phase	Time	Additional Readings and Remarks.
July 3	e Pn ePgPg eiSg	04 30 32.2 34.7 55.2	Traces. $\Delta=180$ km. ~ 1.6 dg.
3	ei(Sg)	16 49 00.8	Traces.
4	ei(8g)	12 20 12.4	Traces.
4	e Pn eiSb eiSg	13 34 24.6 35 03.7 08.2	Traces. $\Delta=300$ km. ~ 2.7 dg.
4	e(Pn) ei(Sg)	13 52 03.6 53 16.4	Traces. $\Delta=470$ km. ~ 4.2 dg.
4	e Pg ePgPg eiSg	23 29 27.6 29.1 46.2	Traces. $\Delta=150$ km. ~ 1.3 dg.
5	eiPg eiSg	00 19 11.3 C 14.0	Traces. Local shock.
5	eiPg ei(PgPg) eiSgPnPg eiSn	02 03 05.3 D 06.9 07.8 22.3	Traces. $\Delta=150$ km. ~ 1.3 dg.
5	eiPg eiSg	02 17 49.5 56.3	Traces. $\Delta=55$ km. ~ 0.5 dg.
5	e Pg eiSg	02 42 03.6 14.1	Traces. $\Delta=85$ km. ~ 0.8 dg.
5	e Pg eiSg	22 09 17.3 28.3	Traces. $\Delta=90$ km. ~ 0.8 dg.
5	e Pn eiSn eiSg	22 46 46.6 47 25.2 38.6	Traces. $\Delta=345$ km. ~ 3.1 dg.
5	e	23 31 47.9	Traces.
6	ei(Sg)	03 17 20.7	Traces.

Date	Phase	Time	Additional Readings and Remarks.
July 6	e Pg eiPn iPgPg eiSg i Sn	09 14 21.8 22.9 C 23.3 35.5 36.9	Very weak. $\Delta=110$ km. ~ 1 dg.
6	ei(Sg)	12 13 34 8	Traces.
6	e	17 03 46.1	Traces.
6	e Pg eiPn eiSg	23 57 20.5 22.5 D 31.5	Traces. $\Delta=85$ km. ~ 0.8 dg.
7	e	02 02 08.9	Traces.
7	eiPg eiSg	14 22 45.9 D 23 02.8	Traces. $\Delta=140$ km. ~ 1.3 dg.
7	e	16 46 09.1	Traces.
7	e Pn eiSg	19 32 40.0 C 33 25.9	Very weak. $\Delta=310$ km. ~ 2.8 dg. Near southwest coast of Crete Is- land about $35^{\circ}1/4$ N, $23^{\circ}1/4$ E. - H=19:31.9 (BCIS). Recorded up to 26° .
7	e	22 25 08.1	Traces.
8	e	07 33 55.8	Traces.
8	eiPn eiSn	10 23 18.8 C 24 01.4	Traces. $\Delta=385$ km. ~ 3.5 dg. Near west coast of Corfou Island $39^{\circ}1/2$ N, $19^{\circ}3/4$ E. - H=10:22.6 (BCIS). Recorded up to 24° . Felt on Corfou Island (IV+ at Av- liotes).
8	eiPg eiSg	17 55 24.0 D 28.2	Traces. $\Delta=30$ km. ~ 0.3 dg.
8	e Pg eiSg	22 45 41.2 53.8	Traces. $\Delta=105$ km. ~ 0.9 dg.

Date	Phase	Time	Additional Readings and Remarks.
July 9	e(Sg)	05 15 42.7	Traces.
9	e	07 42 48.0	Traces.
9	e Pn eiSb eiSg	13 17 25.1 D 18 10.3 16.5	Traces. $\Delta=345$ km. ~ 3.1 dg.
9	eiPg eiPn eiSg	13 24 13.7 C 15.1 C 26.6	Traces. $\Delta=105$ km. ~ 0.9 dg. Felt in Arcadia (V at Nestani, III at Rizae), Corinthia (V at Nemea) and Argolis (IV at Argos, Nauplion).
9	eiPg eiSg i Sn	14 04 23.6 C 36.0 38.1	Traces. $\Delta=100$ km. ~ 0.9 dg. Felt in Corinthia (IV+ at Nemea).
9	e Pg eiSg	14 37 22.3 33.4	Traces. $\Delta=95$ km. ~ 0.9 dg.
9	eiPn ei(Sg)	17 35 16.3 D 36 08.3	Traces. $\Delta=345$ km. ~ 3.1 dg.
10	eiPg eiSn eiSgSg	04 33 43.4 D 34 01.8 07.2	Traces. $\Delta=175$ km. ~ 1.6 dg.
10	eiPg eiSg eiSgSg	14 09 01.2 D 16.8 19.8	Traces. $\Delta=130$ km. ~ 1.2 dg. Felt on the Islands of Skopelos (IV at Skopelos), Alonisos (II+ at Alonisos).
10	eiPg eSg eiSgSg	14 10 28.9 D 44.2 47.1	Traces. $\Delta=120$ km. ~ 1.1 dg.
10	e Pg e Sg	18 48 56.2 59.1	Traces. $\Delta=20$ km. ~ 0.2 dg.
10	eiPn e Sn eiSg	20 57 12.4 36.9 40.4	Traces. $\Delta=205$ km. ~ 1.8 dg.

116.

Date	Phase	Time	Additional Readings and Remarks.
July 11	eiPg eiSg	01 46 32.2 C 37.4	Traces. $\Delta = 35$ km. ~ 0.3 dg.
11	e Pn e Sn eiSg	07 22 44.5 23 10.9 14.9	Traces. $\Delta = 220$ km. ~ 2 dg.
11	e(Sg)	07 51 54.0	Traces.
11	e Pg e Sg	09 02 17.2 31.5	Traces. $\Delta = 115$ km. ~ 1 dg.
11	e	19 22 59.3 D	Traces.
12	eiPg eiPgPg eiSg eiSgSg	02 48 50.3 C 51.8 DN 49 05.6 08.5	<p>$A_n = 25\mu$, $T_n = 2.8$ sec $A_e = 34\mu$, $T_e = 2.4$ sec $\Delta = 125$ km ~ 1.1 dg. $M = 4.8$. (Athens)</p> <p>Near east coast of Greece $39^{\circ}1' N$, $23^{\circ}4' E$. - $H = 02:48:48.0$; h about 33 km. (USCGS); Poorly recorded up to 86°.</p> <p>Felt on the Islands of Skopelos (V+ at Skopelos), Alonisos (V at Alonisos), Skiathos (IV+ at Skiathos), Euboea (IV at Ste.-Anna, Limni), also in Volos (IV at Mileae, St.-Georgios-Nilias). Area of felt shaking about 5,000 km². $M.M = 3.8$.</p>
12	ei(Sg)	03 36 22.8	Traces. Felt on Skopelos Island (III at Skopelos).
12	ePg ei(PgPg) ei Sg	04 38 57.1 D 58.3 C 39 13.6	Traces. $\Delta = 135$ km. ~ 1.2 dg. Felt on Skopelos Island (IV at Skopelos).
12	e	07 39 45.3	Traces.
12	e Pn eiPg eiSn eiSg	10 36 53.4 D 55.5 D 37 15.3 20 5	Traces. $\Delta = 205$ km. ~ 1.8 dg.

117.

Date	Phase	Time	Additional Readings and Remarks.
July 12	eiPg eiSgPnPg eSg eSgSg	18 04 41.9 D 45.2 56.4 59.3	Traces. $\Delta = 120$ km. ~ 1.1 dg. Felt on Alonisos Island (II+ at Alonisos).
12	eiPg eiPgPg eiSg	23 17 24.4 D 30.1 31.9	Traces. $\Delta = 55$ km. ~ 0.5 dg.
13	eiPg eiSg	01 08 23.0 33.2	Traces. $\Delta = 80$ km. ~ 0.7 dg.
13	e(Pg) e(Sb)	07 37 18.4 41.2	Traces. $\Delta = 220$ km. ~ 2 dg. Felt in Acarnania (IV at Lepenou).
13	eiPn eiSn eiSg	14 26 18.5 36.3 38.0	Traces. $\Delta = 155$ km. ~ 1.4 dg.
13	ePg eSg	15 06 31.1 41.8	Traces. $\Delta = 85$ km. ~ 0.8 dg.
13	e	19 58 55.7	Traces.
13	eiPn eiSg	21 32 57.4 C 33 19.6	Traces. $\Delta = 170$ km. ~ 1.5 dg.
14	e Pg eiSg	01 16 39.5 C 54.3	Traces. $\Delta = 120$ km. ~ 1.1 dg.
14	eiPn eiSn	02 37 36.0 38 03.6	<p>$A_n = 4\mu$, $T_n = 1.6$ sec. $A_e = 4\mu$, $T_e = 1.6$ sec., $\Delta = 240$ km. ~ 2.2 dg. $M = 4.3$ (Athens). Ionian Sea, $38^{\circ}0' N$, $21^{\circ}0' E$. - $H = 02:36:59$ (BCIS). Recorded up to 30° Felt in Elis (V at Letrinoe IV at Katakolon, Chavari) and on Zante Island (IV at Zante); Area of felt shaking about 10,000 km². $M.M = 4.4$.</p>
14	eiPg eiSg eiSgSg	06 38 31.7 D 47.4 50.1	Traces. $\Delta = 130$ km. ~ 1.2 dg.

118.

Date	Phase	Time	Additional Readings and Remarks.
July 14	eSg	07 45 06.3	Traces.
14	e(Sg)	10 28 00.3	Traces.
14	ePg eiSg	11 02 40.6 48.3	Traces. $\Delta=60$ km. ~ 0.5 dg.
14	eiPg eiPn e Sg eiSgSg	11 09 35.0 36.1 D 49.5 52.2	Traces. $\Delta=115$ km. ~ 1 dg.
14	eiPg e Sn eiSg	15 22 17.5 D 37.6 41.5	Traces. $\Delta=185$ km. ~ 1.7 dg. Felt in Magnesia (III+ at Volos).
14	eiPn eiSb eiSg	15 51 07.7 C 45.6 49.8	Traces. $\Delta=290$ km. ~ 2.6 dg.
14	e Pn e Sn ei(Sb) eiSg	17 34 18.2 45.6 47.5 51.1	Traces. $\Delta=235$ km. ~ 2.1 dg.
14	e	20 46 13.4	Traces.
15	e	07 46 47.3	Traces.
15	e Pg eiSg	13 49 50.0 50 13.3	Traces. $\Delta=190$ km. ~ 1.7 dg.
15	e Pb e Sg	21 28 30.2 29 40.5	Traces. $\Delta=510$ km. ~ 4.6 dg. Albania $41^{\circ}1/2$ N, $19^{\circ}3/4$ E. - H=21:27:08 (BCIS). Very poorly recorded up to 11° .
16	ei(Sg)	02 15 06.5	Traces.
16	e Pg e Sg	02 45 21.5 D 51.5	Traces. $\Delta=255$ km. ~ 2.3 dg.

119.

Date	Phase	Time	Additional Readings and Remarks.
July 16	e Pn eiPg eiSg	03 55 19.5 C 20.7 41.5	Traces. $\Delta=175$ km. ~ 1.6 dg.
16	e Pg eiSg	04 34 26.3 34.5	Traces. $\Delta=65$ km. ~ 0.6 dg.
16	e(Sg)	05 22 59.0	Traces.
16	eiPg eiSg	11 22 55.1 D 23 12.2	Traces. $\Delta=140$ km. ~ 1.3 dg.
16	eiPg eiPgPg eiSg	12 18 37.5 C 39.1 52.0	Very weak. $\Delta=120$ km. ~ 1.1 dg. Aegean Sea. H=12:19.3 (BCIS). Felt on Alonisos Island (II+ at Alonisos).
16	eiPg eiSg	13 24 07.7 C 16.1	Traces. $\Delta=65$ km. ~ 0.6 dg.
16	e Pg eiSg	13 33 17.3 C 24.5	Traces. $\Delta=55$ km. ~ 0.5 dg.
16	e Pg eiSg	13 57 08.5 26.1	Traces. $\Delta=140$ km. ~ 1.3 dg.
16	e Pg eiSg	20 25 15.4 C 26.9	Traces. $\Delta=90$ km. ~ 0.8 dg.
16	eiPg eiSg	23 15 35.3 C 43.2	Very Weak. $\Delta=60$ km. ~ 0.5 dg.
17	e Pg e Sg	08 06 08.1 15.4	Traces. $\Delta=55$ km. ~ 0.5 dg.
17	eiPn eiPg eiSg	16 19 17.6 C 32.6 D 20 21.6	Traces. $\Delta=420$ km. ~ 3.8 dg.
18	e(Sg)	01 19 28.4	Traces.
18	e	05 28 20.6	Traces.

120.

Date	Phase	Time	Additional Readings and Remarks.
July 18	ei(Sg)	07 48 00.7	Traces.
18	e(Sg)	10 52 09.1	Traces.
18	eiPg eiSg	17 37 27.7 D 32.4	Traces. $\Delta=35$ km. ~ 0.3 dg.
18	eiPn eiSn eiSb eiSg	20 46 48 7 C 47 21.7 25.8 30.6	Traces. $\Delta=290$ km. ~ 2.6 dg.
18	eiPn eiSg	23 18 24.9 19 09.2	Traces. $\Delta=300$ km. ~ 2.7 dg.
18	eiPn eiSg	23 23 33.2 24 00.6	Traces. $\Delta=205$ km. ~ 1.8 dg.
19	eiPg e Sg	10 40 09.6 D 35.3	i 4011 D, i 4014, ei 4037. An= 6 μ , Tn=3 sec. Ae=11 μ , Te=2 sec. $\Delta=220$ km. ~ 2 dg. M=4.6 (Athens), Near south coast of Peloponne- sus 36°3 N, 22°5 E. - H=10:39:27 (BCIS). Poorly recorded up to 31°.
19	i(Pg)	11 58 21.9	Traces.
19	ei(Sg)	12 10 17.9	Traces.
19	e(Sg)	14 53 33.0	Traces.
19	eiPn eiSg	20 37 36.8 48.9	e 37:36. Traces. $\Delta=105$ km. ~ 0.9 dg.
19	e?(Pn) eiSg	20 51 23.8 52 14.5	Traces. $\Delta=340$ km. ~ 3.1 dg.
19	e Pn eiPg eiSb	23 01 43.3 D 02 53.6 26.4	ei 01:44 CW, ei 01:50.6 D, ei 02:28, An=39 μ , Tn=5.2 sec. Ae= 36 μ , Te=4.0 sec. $\Delta=330$ km. ~ 3.0 dg. M=5.4 (Athens). Ionia

Date	Phase	Time	Additional Readings and Remarks.
July 19			Sea 37°8 N, 20°1 E. - H=23:00:54 (BCIS). M=5.5 (Upsala), 4 ³ / ₄ (Moscow). Recorded up to 86°.
19	e(Sg)	23 34 42 2	Traces.
19	e Pg eiSg	23 37 11.4 C 50.0	Traces. $\Delta=325$ km. ~ 2.9 dg.
20	e Pn e Sg	00 02 54.6 42.0	Traces. $\Delta=320$ km. ~ 2.9 dg.
20	e Pn e Sn	00 08 59.0 09 34.5	Traces. $\Delta=320$ km. ~ 2.9 dg.
20	e Pg e Sb eiSg	01 09 45.2 10 17.9 23.8	Traces. $\Delta=330$ km. ~ 3 dg.
20	e Pn e Sg	01 42 46.8 43 34.8	Traces. $\Delta=325$ km. ~ 2.9 dg.
20	e Pn e Sn	02 38 56.1 C 39 32.1	Traces. $\Delta=320$ km. ~ 2.9 dg.
20	e Pn eiSn	04 45 10.7 47.0	Traces. $\Delta=325$ km. ~ 2.9 dg.
20	e Pn eiPg eiSn eiSb	07 02 07.1 16.6 43.2 48.7	Traces. $\Delta=320$ km. ~ 2.9 dg.
20	eiPn eiSb eiSg	08 43 49.1 C 44 30.1 35.7	e? 43:43. Traces. $\Delta=320$ km. ~ 2.9 dg.
20	e Pg e Sg	10 16 33.5 D 17 11.1	Traces. $\Delta=320$ km. ~ 2.9 dg.
20	e Pg eiSb e Sg	12 03 04.9 38.3 44.6	Traces. $\Delta=335$ km. ~ 3 dg.

122.

Date	Phase	Time	Additional Readings and Remarks.
July 20	ei(Sg)	12 58 16.4	Traces.
20	e Pn e Sn e Sg	13 45 32.0 59.1 46 03.5	Traces. $\Delta=230$ km. ~ 2.1 dg.
20	eiPg i Sg	14 01 33.9 36.6	Weak. Local shock. $\Delta=20$ km. Felt in Attica (V+ at Marathon, V at Paeania, St.-Stephanos, Heraklion, Markopoulon-Mesogheon, IV+ at Nea-Erythrea, Ste.-Paraskevi, Nea-Markri, Kalamaki, Aphidnae, Ste.-Varvara, Koropi, Neae-Plateae IV at Galatsi, Nea-Liosia, Melisia, Peuki, Keratea, Amarousi, Acharnae, Lavreotiki, Voula, Zographos, Vouliagmeni, Helicupclis, Korydalos, Kiphisia, Kalyvia, Kalyvia-Thorikou, Moschaton, Peristeri, Raphina, Penteli, Glyphada, Grammatikon, Neon-Psychikon, Ano-Liosia, III+ at Kalamos, Kallithea, III at Daphni, Drapetsona, Kapandriti, Koukouvaounes, Cholargos, Nea-Ionia-Hellinikon, II+ at Chalandri. Not felt at Erythrae, Vilia, Megara, Nea-Peramos, Galatas, Eleusis, Mandra, Nea-Chalkidon, Nikea, Nea-Philadelphia, Avlon, Markopoulon-Oropou, Ampelakia (cf Attika) Macroseismic Epicenter about $38^{\circ}N$, $23^{\circ}3/4$ E. - Area of felt shaking about $5,000$ km ² . M.M.=3.8.
20	eiPg eiSg	14 33 03.9 05.6	Traces. Local shock
20	ei(Sg)	14 38 57.1	Traces. Felt on Cephalonia Island (IV+ at Argostoli).
20	ei(Sg)	15 21 58.2	Traces.

123.

Date	Phase	Time	Additional Readings and Remarks.
July 20	eiPg	16 28 52.2	D Traces.
20	eiPg	16 29 01.5	D Traces.
20	ei(Sg)	19 25 27.5	Traces.
20	ei(Sg)	19 52 59.6	Traces.
21	ei(Sg)	11 02 06.5	Traces.
21	e Pn eiSn eiSg	13 51 04.9 41.1 52.4	C Traces. $\Delta=320$ km. ~ 2.9 dg.
21	e	14 20 10.0	Traces.
21	e Pn e Sn e Sb e Sg	22 52 52.9 53 24.2 27.9 31.7	D Traces. $\Delta=270$ km. ~ 2.4 dg.
22	e Pn eiSg	03 23 47.6 24 39.6	Traces. $\Delta=345$ km. ~ 3.1 dg.
22	e Pg eiPgPg e Sg	04 18 42.2 43.5 59.0	Traces. $\Delta=135$ km. ~ 1.2 dg. Felt on Alonisos Island (II+ at Alonisos).
22	e	04 28 43.0	Traces.
22	e Pg eiSg	04 57 58.7 58 05.7	Traces. $\Delta=55$ km. ~ 0.5 dg.
22	e	05 00 39.6	Traces.
22	e Pg e Sg	07 31 09.8 14.0	Traces. $\Delta=30$ km. ~ 0.3 dg.
22	e Pn ei(Sg)	07 50 50.2 51 35.2	Traces. $\Delta=305$ km. ~ 2.7 dg.

124.

Date	Phase	Time	Additional Readings and Remarks.
July 22	eiPn eiSg	12 35 27.5 36 03.2	Traces. $\Delta=250$ km. ~ 2.3 dg.
22	e Pn eiSb eiSg	12 36 24.9 57.2 37 00.7	Traces. $\Delta=255$ km. ~ 2.3 dg.
22	ei(Sg)	14 37 30.5	Traces.
22 ^o	e Pn eiSg	21 01 44.4 02 13.2	Traces. $\Delta=210$ km. ~ 1.9 dg. Felt on Amorgos Island (IV at Aeghiali).
23	e	01 33 51.9	Traces.
23	e(Sg)	07 27 00.7	Traces.
23	e	13 07 10.5	Traces.
23	e Pg eiSg	20 22 19.0 37.1	Traces. $\Delta=145$ km. ~ 1.3 dg.
23	e Pn e Sb e Sg	22 51 10.9 47.5 51.9	Traces. $\Delta=285$ km. ~ 2.6 dg.
24	e	07 41 56.1	Traces.
24	ei(Sg)	12 49 24.3	Traces.
24	ei(Sg)	17 12 43.0	Traces.
24	ei!Pn ei Sg	20 13 24.9 D 35.9	Traces. $\Delta=100$ km. ~ 0.9 dg.
24	i Pg eiSn eiSb	23 24 52.5 C 25 16.1 19.5	Very weak. $\Delta=260$ km. ~ 2.3 dg. Off west coast of Astypalaea 36 ^o 6 N, 26 ^o 1 E. - H=23:24:05 (BCIS). Poorly recorded up to 23 ^o .
25	ei(Sg)	10 41 04.6	Traces.

125.

Date	Phase	Time	Additional Readings and Remarks.
July 25	e?Pn eiSg	12 12 30.7 D 13 08.0	Traces. $\Delta=260$ km. ~ 2.3 dg.
26	ei(Sg)	07 39 52.4	Traces.
26	ei(Pn) ei(Pg) ei Sn ei Sg	08 58 46.1 D 53.0 59 17.5 26.1	Very weak. $\Delta=275$ km. ~ 2.5 dg.
26	e(Sg)	09 57 37.7	Traces.
26	e	15 40 28.4	Traces.
26	ei(Sg)	16 55 08.0	Traces.
27	e	01 52 58.1	Traces.
27	e Pn eiSn eiSb eiSg	09 15 57.5 16 29.7 34.2 38.6	Very weak. $\Delta=285$ km. ~ 2.6 dg.
27	e Pn eiSb	18 36 36.0 C 24.7	An=3 μ , Tn=2 sec. Ae=9 μ , Te=26 sec. $\Delta=370$ km. ~ 3.3 dg. M=4.7 (Athens), Near south coast of Crete Island 34 ^o 9 N, 25 ^o 4 E. - H=18:35:44.2, h about 33 km. (USCGS). Poorly recorded up to 80 ^o . Felt on Crete Island, especially in Heraklion (V at Moe-rae, Charakas, IV at Heraklion, St. - Myron, Daphae, III at Pyrgos) and Lasithi (IV at Kato-Chorio). Area of felt shaking about 10,000 km ² . M, M=4.2.
27	ei(Sg)	19 21 55.1	Traces.
28	eiPg eiSg	01 06 35.8 C 07 05.8	Traces. $\Delta=255$ km. ~ 2.3 dg.
28	e	01 15 54.6	Traces.

Date	Phase	Time	Additional Readings and Remarks.
July 28	e	01 35 37.7 C	Traces.
28	eiPn e Sg	06 49 16.8 C 50 06.0	Traces. $\Delta=330$ km. ~ 3 dg.
28	e Pn eiSg	07 13 57.4 C 14 47.8	Traces. $\Delta=340$ km. ~ 3.1 dg.
28	e(Sg)	07 51 35.7	Traces.
28	ei(Sg)	11 25 02.4	Traces. Felt in Acarnania (IV at Ampelakia).
28	e?(Pn) eiSg	15 04 29.5 05 08.2	Traces. $\Delta=270$ km. ~ 2.4 dg.
28	ei(Sg)	15 27 03.1	Traces.
28	e Pn eiSg	16 10 39.7 11 26.0	Traces. $\Delta=315$ km. ~ 2.8 dg.
28	ei	17 08 21.2	Traces.
28	e(Pn) ei(Sg)	18 46 39.4 47 37.4	Traces. $\Delta=380$ km. ~ 3.4 dg.
28	ei(Pn) ei(Sg)	18 50 10.6 D 51 07.9	Traces. $\Delta=380$ km. ~ 3.4 dg.
28	eiPn eiSn	19 08 43.1 C 09 26.5	An=3 μ , Tn=2.8 sec, Ae=3 μ , Te=2.8 sec. $\Delta=395$ km. ~ 3.6 dg. M=4.4 (Athens). - H=19:07:47 (BCIS). Foreshock. Poorly recorded up to 90°.
28	e Pn eiSg	19 18 03.5 C 19 02.7	Traces. $\Delta=390$ km. ~ 3.5 dg.
28	eiPn eiSg	20 02 45.7 D 03 45.9	An=2 μ , Tn=1.9 sec., Ae=3 μ , Te=2.3 sec., $\Delta=395$ km. ~ 3.6 dg. M=4.4 (Athens). Off southwest coast of Rhodes Island. 35°8 N,

Date	Phase	Time	Additional Readings and Remarks.
July 28			27°5 E. - H=20:01:48.7, h about 33 km. (USCGS). Poorly recorded up to 90°.
28	ei	20 07 15 1 C	Traces.
28	eiPn eiSn	20 21 27.5 22 10.1	Traces. $\Delta=385$ km. ~ 3.5 dg. Off west coast of Karpathos Island about 35°3/4 N, 27° E. - H=20:20:30 (BCIS). Very poorly recorded up to 15°.
28	e Pn eiSg	20 30 55.1 31 46.6	Traces. $\Delta=345$ km. ~ 3.1 dg. Aegean sea. - H=20:30.1 (BCIS).
28	eiPn eiSg	23 25 00.7 D 37.1	Traces. $\Delta=255$ km. ~ 2.3 dg.
28	e Pn e Pb eiSg	23 46 09.5 12.8 47.7	Traces. $\Delta=270$ km. ~ 2.4 dg.
28	eiPn eiSn eiSg	23 47 11.1 C 40.6 47.0	Very weak. $\Delta=255$ km. ~ 2.3 dg. Felt on Leukas Island (II+ at Leukas).
28	e(Pn) e(Sg)	23 53 46.1 55 01.6	Traces. $\Delta=485$ km. ~ 4.4 dg.
29	e	00 29 32.3	Traces.
29	e Pn eiPb eiSn eiSb eiSg	03 10 48.7 52.2 11 22.1 27.0 31.2	Traces. $\Delta=295$ km. ~ 2.7 dg.
29	e Pn ei(Sn) eiSg	06 45 38.3 46 28.1 48.4	Traces. $\Delta=455$ km. ~ 4.1 dg.
29	ei	09 09 25.9 D	Traces.

Date	Phase	Time	Additional Readings and Remarks.
July 29	ei	10 13 01.7 D	Traces.
29	ei	12 53 48.8 C	Traces.
29	ei	15 51 57.9 C	Traces.
29	e Pg i Pn eiSg eiSn	20 43 43.5 44.2 D 58.4 58.9	Traces. $\Delta=120$ km. ~ 1.1 dg. Felt on Alonisos Island (IV at Alonisos).
29	e Pn e(Sg)	23 52 02.9 C 39.6	Traces. $\Delta=260$ km. ~ 2.3 dg.
30	e Pn e Sg	00 01 08.0 42.2	Traces. $\Delta=245$ km. ~ 2.2 dg.
30	e Pg eiSg	00 42 47.3 49.8	Traces. Local shock.
30	e Pg eiSg	00 43 40.0 42.6	Traces. Local shock.
30	e?	13 54 11.9	Traces.
30	e	14 36 42.9 D	Traces.
30	eiPn eiSn	16 35 10.0 C 42.8	Very weak. $\Delta=290$ km. ~ 2.6 dg. Off Northeast coast of Lesbos Island about $39^{\circ}1/2$ N, $26^{\circ}1/2$ E. - H=16:34.5 (BCIS). Felt on Lesbos Island (IV at Kalloni III at Ste. - Paraskevi).
30	e Pg eiSg	16 37 04.7 07.5	Traces. $\Delta=25$ km. ~ 0.2 dg.
30	e Pn eiPg eiSn eiSg	22 23 15.7 17.7 D 37.3 42.5	Traces. $\Delta=200$ km. ~ 1.8 dg.

Date	Phase	Time	Additional Readings and Remarks.
July 30	e Pn eiPg eiSn	22 24 55.6 57.9 25 16.7	Traces. $\Delta=195$ km. ~ 1.8 dg.
30	e	23 35 51.8	Traces.
31	e?(Pn) e(Sg)	00 02 56.6 03 50.5	Traces. $\Sigma=355$ km. ~ 3.2 dg.
31	e	11 30 28.8	Traces.
August 1	e Sg	01 13 35.7	e 13:05. Traces. $\Delta=360$ km. ~ 3.2 dg. Northwest Turkey, about 40° N, 27° E. - H=01:11.8 (BCIS). Very poorly recorded up to 40° .
1	eiPg eiSg	01 34 03.7 C 11.3	Traces. $\Delta=55$ km. ~ 0.5 dg.
1	e Pg eSgPg e Sg	01 36 47.2 C 53.3 54.5	Traces. $\Delta=55$ km. ~ 0.5 dg.
1	eiPg eiSg	04 53 56.2 D 54 09.8	Traces. $\Delta=110$ km. ~ 1 dg.
1	e	08 24 15.5 D	Traces.
1	e?(Pb) eiSb	12 27 54.4 28 50.1	ei 27:56. Traces. $\Delta=480$ km. ~ 4.3 dg. Albania $41^{\circ}2$ N, $20^{\circ}0$ E. - H=12:26:40 (BCIS). Very poorly recorded up to 12° .
1	ei	15 09 08.0 D	Traces.
1	eiPn eiSn	17 18 08.3 C 40.9	Traces. $\Delta=285$ km. ~ 2.6 dg. Felt on Cephalonia Island (IV+ at Argostoli).
2	eiPn eiPg eiSn eiSg	02 17 23.2 38.2 18 09.9 28.9	Traces. $\Delta=430$ km. ~ 3.9 dg.

Date	Phase	Time	Additional Readings and Remarks
August 2	e(Sg)	07 53 31.3	Traces.
2	eiPn eiSn eiSgSg	11 16 13.7 C 33.2 39.0	Traces. $\Delta=175$ km. ~ 1.6 dg.
2	eiPg eiSgPg eiSg	12 51 06.4 12.1 14.1	Traces. $\Delta=60$ km. ~ 0.5 dg.
3	eiPn eiPg eiSg	02 38 19.4 28.1 39 04.3	Traces. $\Delta=305$ km. ~ 2.7 dg.
3	iPg eiSg	05 43 24.2 C 31.4	e? 43:21. Traces. $\Delta=55$ km. ~ 0.5 dg.
3	ePg eSg eiSgSg	10 14 43.2 52.3 56.4	Traces. $\Delta=75$ km. ~ 0.7 dg.
3	ei(Sg)	14 59 19.5	Traces.
4	eiPn ePgPg eSg	07 33 51.6 C 53.8 34 14.1	Traces. $\Delta=175$ km. ~ 1.6 dg.
4	ei	08 31 51.3	Traces.
5	eiPg eiSg	10 15 09.4 D 15.7	Traces. $\Delta=45$ km. ~ 0.4 dg.
5	e	16 30 37.5	Traces.
5	eiPg eiSg	16 57 35.2 C 42.7	Traces. $\Delta=60$ km. ~ 0.5 dg.
5	ePn ei(Pg) eiSg	19 37 52.6 38 03.9 44.7	e? 37:47. Very weak. $\Delta=350$ km. ~ 3.2 dg. Ionian Sea. H=19:37.0 (BCIS).

Date	Phase	Time	Additional Readings and Remarks
August 5	ePn eiSgPnPg eiSn eiSgSg	21 52 33.6 36.3 52.0 56.1	Traces. $\Delta=160$ km. ~ 1.4 dg.
6	e	01 49 26.5	Traces.
6	ePg eiSg	07 30 24.3 46.8	Traces. $\Delta=185$ km. ~ 1.7 dg.
6	eiPn ei(Pb) eiSb	09 04 59.2 D 05 05.2 51.7	Very weak. $\Delta=395$ km. ~ 3.6 dg. Near coast at Kasos Island 35°4 N, 26°8 E. - H=09:04:04.1 h about 39 km. (USCGS). Recorded up to 90°.
6	eiPn eSn	17 07 04.7 C 25.6	Traces. $\Delta=195$ km. ~ 1.8 dg.
7	eiPn ei(Pg) eiSb eiSg	03 34 35.5 D 45.4 35 16.7 21.9	An=1 μ , Tn=1,9 sec. Ae=2 μ , Te=1,0 sec. $\Delta=315$ km. ~ 2.8 dg. M=4.0 (Athens). Epirus about 40°0 N, 21° E. - H=03:33.8 (BCIS). Very poorly recorded up to 29°.
7	e	03 41 10.9	Traces.
7	eiPn eiSg	06 58 48.9 D 07 00 01.6	Traces. $\Delta=470$ km. ~ 4.2 dg.
7	eiPn eiSg	13 05 04.3 C 35.2	Traces. $\Delta=225$ km. ~ 2 dg.
7	ei(Sg)	14 51 11.9	Traces.
8	eiPg eiSg ei(Sn)	00 46 03.7 D 14.7 17.4	Traces. $\Delta=90$ km. ~ 0.8 dg.
8	ePg eiPgPg eiSg	03 36 56.1 57.6 C 37 11.8	Traces. $\Delta=130$ km. ~ 1.2 dg.

Date	Phase	Time	Additional Readings and Remarks
August 8	eiPg eiSg	04 29 03.5 C 05.8	Traces. Local shock.
8	ei	10 27 25.4 D	Traces.
8	e	12 43 20.6	Traces.
8	e Pn ePgPg eiSg	20 48 35.4 37.4 D 54.6	Traces. $\Delta=155$ km. ~ 1.4 dg.
9	e(Pn) eiPg eiSg	00 14 34.4 41.1 15 13.4	Traces. $\Delta=270$ km. ~ 2.4 dg.
9	e Pn eiSg	01 31 40.8 C 32 13.1	Traces. $\Delta=230$ km. ~ 2.1 dg.
9	e Pn eiSg	02 52 14.6 41.6	Traces. $\Delta=200$ km. ~ 1.8 dg.
9	eiPn eiSn	05 10 13.2 D 11 22.3	Traces. $\Delta=655$ km. ~ 5.9 dg. Calabria, Italy about $38^{\circ}3/4$ N, $16^{\circ}1/4$ E. - H=05:08.7(BCIS).
9	e Pg e Sg	07 35 25.6 35.9	Traces. $\Delta=80$ km. ~ 0.7 dg.
9	eiPg eiSg	11 26 03.0 C 17.0	Traces. $\Delta=115$ km. ~ 1 dg.
9	iPg iSg	19 13 15.6 D 17.4	Traces. Local shock
10	e Pn eiSn eiSg	00 58 57.9 59 43.6 01 00 02.4	Traces. $\Delta=420$ km. ~ 3.8 dg. Felt on Corfou Island (IV at Leukimi).
10	e Pn eiSg	06 15 53.6 16 44.7	Traces. $\Delta=340$ km. ~ 3.1 dg.

Date	Phase	Time	Additional Readings and Remarks
August 10	ei	08 48 54.4	Traces.
10	ePn ePb eiSg	23 16 53.1 C 58.0 17 43.7	Traces. $\Delta=340$ km. ~ 3.1 dg.
11	e Pg eiSg	05 04 58.1 05 28.8	Traces. $\Delta=260$ km. ~ 2.3 dg.
11	e	11 15 50	Traces.
11	e(Pn) e Sb eiSg	11 41 06 D 40.7 45.0	Traces. $\Delta=270$ km. ~ 2.4 dg.
11	e	15 19 20.7	Traces.
11	e Pn eiSg	17 21 44.3 22 19.9	Traces. $\Delta=250$ km. ~ 2.3 dg.
12	e Pg ei(Sn) eiSg	05 04 58.1 05 22.1 28.8	Traces. $\Delta=260$ km. ~ 2.3 dg.
12	i Pn eiSg	09 40 33.7 D 45.5	e 40:33. Traces. $\Delta=105$ km \sim 0.9 dg.
12	e	10 14 15.7	Traces.
12	ei	12 48 40.9	Traces.
12	e	15 29 32.9	Traces.
13	e Pn eiPg eiSg	02 21 25.0 30.3 C 59.6	Traces. $\Delta=245$ km. ~ 2.2 dg.
13	e Pn ei(Sg)	11 58 19.6 51.0	Traces. $\Delta=225$ km. ~ 2 dg.
13	e Pg e Sg	15 37 22.7 39.8	Traces. $\Delta=140$ km. ~ 1.3 dg.

Date	Phase	Time	Additional Readings and Remarks.
August 14	e	02 02 30.5	Traces.
14	e	02 05 57.1	Traces.
14	e	07 02 48.0	Traces.
14	e	09 30 09.6	Traces.
14	ei	11 09 47.2	Traces.
14	e	14 30 55.4	Traces.
15	ei(Sg)	00 29 12.0	Traces.
15	e	07 12 53.3	Traces.
15	eiPg eiSg	22 01 23.9 C 54.9	e? 01:19. Traces. $\Delta=260$ km. ~ 2.3 dg.
16	eiPn eiSg	01 00 44.6 C 28.6	Traces. $\Delta=300$ km. ~ 2.7 dg. Off north coast of Crete Island about 36° N, 26° E. - H=01:00.0 (BCIS). Very poorly recorded up to 28° .
16	eiPn eiPb iIPg eiSn eiSb ei(Sg)	08 53 33.9 D 35.0 C 37.0 C 57.4 58.6 54 00.6	An=3 μ , Tn=2.0 sec. Ae=4 μ , Te=2.0 sec. $\Delta=200$ km. ~ 18 dg. M=4.1 (Athens). Felt in Aetolia (V+ at Gavalou, V at Messolonghi, Platanos, III+ at Papadates, III at Spolaita).
16	ei(Sg)	11 28 08.6	Traces.
16	ei(Sg)	16 50 58.4	Traces
16	eiPg eiSn eiSgSg	17 06 29.8 D 46.3 49.5	Traces. $\Delta=140$ km. ~ 1.3 dg.

Date	Phase	Time	Additional Readings and Remarks
August 16	ePn ei(Pb) ePg eSg	17 13 41.7 D 46.3 51.9 14 31.8	Traces. $\Delta=335$ km. ~ 3 dg.
16	eiPn eiSg eiSn eiSgSg	20 05 49.6 C 06 02.1 03.5 04.9	Very weak. $\Delta=110$ km. ~ 1 dg.
17	e(Sg)	07 33 15.3	Traces.
17	e Sb	08 39 27.8	e 38:52. Traces. $\Delta=580$ km. ~ 5.2 dg. Bulgaria about $42^{\circ}3/4$ N, $26^{\circ}1/2$ E. - H=08:36.8 (BCIS).
17	ei(Sg)	09 48 11.0	Traces.
17	eiPn eiSn eiSg	15 12 22.2 54.6 13 03.9	Traces. $\Delta=285$ km. ~ 2.6 dg.
17	ei(Sg)	16 11 00.9	Traces.
17	e	17 52 14.9	Traces.
17	ei(Sg)	18 12 49.5	Traces.
18	eiPg i Pn eiSg eiSn	03 17 00.0 01.3 13.2 14.9	Traces. $\Delta=110$ km. ~ 1 dg. Felt on Alonissos Island (III at Alonissos).
18	ei	09 56 31.1	Traces.
18	e(Sg)	15 15 33.0	Traces.
18	ei(Sg)	17 17 17.6	Traces.
18	ei(Sg)	18 47 43.3	Traces.

Date	Phase	Time	Additional Readings and Remarks.
August 18	e Pg e Sb eiSg	19 13 08.3 33.7 36.9	Traces. $\Delta=240$ km. ~ 2.2 dg. Felt on Lesbos Island (IV+ at Antissa).
19	e	06 51 03.0	Traces.
19	e	07 42 38.6	Traces.
19	e	09 06 44.1	Traces.
19	e Pg eiSg	15 04 34.6 05 02.9	Traces. $\Delta=240$ km. ~ 2.2 dg.
19	ei(Sg)	15 47 38.7	Traces.
19	e	16 36 33.6	Traces.
19	e Pg eiSg	16 49 43.7 50 07.1	Traces. $\Delta=195$ km. ~ 1.8 dg.
20	e Pn eiPgPg e Sg eSgSg	00 59 43.8 45.4 01 00 01.2 06.1	Traces. $\Delta=160$ km. ~ 1.4 dg.
20	e(Sg)	09 59 52.8	Traces.
20	e Pn eiPg eiSg	15 09 36.8 42.8 10 12.6	C Very weak. $\Delta=250$ km. ~ 2.3 dg. Felt in Akarnania (IV+ at Thy- rion, IV at Paleros), and on Leukas Island (II+ at Leukas).
21	ei(Sg)	08 59 43.4	Traces.
21	ei	11 57 03.3	D Traces;
21	e	14 14 58.7	Traces.
22	ePn e Pb eiPg eSb eiSg	01 28 23.0 27.3 31.9 29 04.5 09.9	Traces. $\Delta=315$ km. ~ 2.8 dg. Felt in Preveza (V at Kamari- na).

Date	Phase	Time	Additional Readings and Remarks
August 22	e Pg e Sn eiSgSg	05 34 39.0 58.5 35 03.9	D Traces. $\Delta=175$ km. ~ 1.6 dg.
22	ei(Sg)	06 55 41.5	Traces.
22	ei(Sg)	07 52 12.8	Traces.
22	ei(Sg)	09 27 25.5	Traces.
22	ei(Sg)	15 13 52.9	Traces.
22	e	16 37 07.5	Traces.
23	ei	05 26 58.7	Traces.
23	eiPg eiSg	06 15 15.3 19.6	D Traces. $\Delta=30$ km. ~ 0.3 dg.
23	ePn ei(Sg)	08 25 52.8 26 28.8	Traces. $\Delta=255$ km. ~ 2.3 dg.
23	e	11 21 05.8	Traces.
23	ei(Sg)	11 28 44.3	Traces.
23	ei(Sg)	12 21 17.9	Traces.
23	ei(Sg)	14 28 49.7	Traces.
23	ii(Pn)	19 18 32.9	D Traces.
24	e Pn eiPb ei(Pg) eiSn eiSb	13 30 30.0 35.0 40.6 31 06.8 13.0	An=3 μ , Tn=2 sec., Ae=2 μ , Te=1 sec. $\Delta=330$ km. ~ 3 dg. M=4.2 (Athens) West Turkey about 39 $^{\circ}$ 3/4 N, 26 $^{\circ}$ 3/4 E. - H=13:29.7 (BCIS). Very poorly recorded up to 15 $^{\circ}$.
24	ei(Sg)	15 56 30.5	Traces.
25	eiPn eiSgPg e Sg	03 17 17.7 21.9 31.6	D Traces. $\Delta=120$ km. ~ 1.1 dg.

Date	Phase	Time	Additional Readings and Remarks
August 25	eiPg eiSg	07 03 24.1 C 34.5	Traces. $\Delta = 85$ km. ~ 0.8 dg.
25	eiPg eiSg	09 51 26.0 39.9	Traces. $\Delta = 110$ km. ~ 1 dg.
25	ei(Sg)	10 15 20.0	Traces.
25	ei	15 26 05.6 C	Traces.
25	eiPg eiPgPg eiSg	16 11 52.7 55.2 12 02.0	Traces. $\Delta = 75$ km. ~ 0.7 dg.
26	ei	07 24 42.8	Traces.
26	ei(Sg)	08 01 30.3	Traces.
26	ePn eiPgPg eiSg	08 42 32.0 32.3 C 42.5	Traces. $\Delta = 95$ km. ~ 0.9 dg.
26	eiPg eiSg	08 48 23.2 51.0	Traces. $\Delta = 235$ km. ~ 2.1 dg.
26	ePn eiSg	09 29 29.9 30 24.0	Traces. $\Delta = 355$ km. ~ 3.2 dg.
26	eiPg eiSg	13 40 39.6 49.0	Traces. $\Delta = 75$ km. ~ 0.7 dg.
26	e	15 30 41.0	Traces.
26	ePg eiSg	16 27 11.7 31.1	Traces. $\Delta = 160$ km. ~ 1.4 dg.
26	ei	17 38 13.2	Traces.
27	e	00 09 03.3	Traces.
27	ePg eiSg	01 50 52.5 56.9	Traces. $\Delta = 35$ km. ~ 0.3 dg.

Date	Phase	Time	Additional Readings and Remarks
August 27	eiPg ei(Sg)	06 12 52.6 D 56.0	Traces. $\Delta = 25$ km. ~ 0.2 dg.
27	ei	07 28 02.8	Traces.
27	eiPn eiSn eiSg	22 09 27.5 CN 58.4 10 06.4	An=27 μ , Tn=2.8 sec., Ae=37 μ , Te=3.2 sec., $\Delta = 270$ km. ~ 2.4 dg. M=5.3 (Athens), Crete Island 35 $^{\circ}6$ N, 23 $^{\circ}8$ E. - H=22:08:45.2, h about 33 km (USCGS). Recorded up to 91 $^{\circ}$. Felt on Crete Island, Chania region (IV at Chania, Vammos) and Rethymnon (IV at Rethymnon).
27	ePn eiSg	23 46 28.5 D 47 36.9	Traces. $\Delta = 445$ km. ~ 4 dg. At southeast coast of Crete Island about 34 $^{\circ}3/4$ N, 26 $^{\circ}3/4$ E. - H=23:45.5 (BCIS). Recorded up to 16 $^{\circ}$.
28	e(Sg)	01 04 09.1	Traces.
28	eiPn eiSg	15 23 30.0 C 24 03.6	Traces. $\Delta = 240$ km. ~ 2.2 dg.
29	ei(Sg)	03 00 17.1	Traces.
29	ePg eSg	12 51 22.8 48.1	Traces. $\Delta = 215$ km. ~ 1.9 dg.
29	e	13 08 05.8	Traces.
29	ePg eiSg	23 53 24.6 27.0	Traces. Local shock.
30	e(Pg) e(Sg)	00 12 55.3 13 31.7	Traces. $\Delta = 310$ km. ~ 2.8 dg.
30	ePn eiSg	04 53 12.6 54 06.8	ei=54:02. An=0.4 μ , Tn=1 sec. Ae=0.4 μ , Te=1 sec. $\Delta = 360$ km. ~ 3.2 dg. M=4.3 (Athens) Near

Date	Phase	Time	Additional Readings and Remarks.
Aug. 30			northeast, coast, of Crete Island about, $35^{\circ}1/2$ N, $26^{\circ}1/2$ E. - H=04:52.4 (BCIS). Poorly recorded up to 25° .
30	e	12 59 44.8	Traces.
31	ei	06 28 08.9	Traces.
31	ei(Sg)	11 43 18.1	Traces.
31	ei(Sg)	14 03 46.1	Traces.
31	e(Pg) ei(Sg)	17 45 32.1 46.3	Traces. $\Delta = 115$ km. ~ 1 dg.
Sept. 1	ePn eiPb eiPg eiSn	05 58 47.7 51.3 55.8 59 21.5	Traces. $\Delta = 295$ km. ~ 2.7 dg.
1	ei	09 00 20.1	Traces.
1	e	14 01 02.0	Traces.
1	e Pg eiSg	14 17 45.9 52.5	Traces. $\Delta = 50$ km. ~ 0.5 dg.
1	ei(Sg)	15 13 06.5	Traces.
1	e (Sg)	16 41 57.9	Traces.
2	ePg eiPn eiSg eiSgSg	05 10 31.1 32.1 45.9 48.5	Traces. $\Delta = 120$ km. ~ 1.1 dg. Felt on Skopelos Island (III at Skopelos)
2	eiPg iPn eiSg eiSgSg	14 16 30.4 30.8 45.5 48.3	CS An=30 μ , Tn=4 sec., Ae=38 μ , Te=2.4 sec. $\Delta = 125$ km. ~ 1.1 dg. M=5 (Athens). North Sporades Islands $39^{\circ}1$ N, $23^{\circ}9$ E. - H=14:16:10.5; h

Date	Phase	Time	Additional Readings and Remarks
Sept. 2			about 33 km. (USCGS). Poorly recorded up to 86° . Felt on the Islands <u>Skopelos</u> (V+ at Skopelos) and <u>Alonissos</u> (II+ at Alonissos).
2	ePg eiSgPg e Sg eiSgSg	14 23 10.0 14.9 24.9 27.6	Traces. $\Delta = 120$ km. ~ 1.1 dg.
2	eiPg eiSg ei(SgSg)	14 57 21.2 36.4 38.4	Traces. $\Delta = 120$ km. ~ 1.1 dg.
2	e	15 21 46.9	Traces.
2	ePg eiSg	15 41 37.7 53.9	Traces. $\Delta = 130$ km. ~ 1.2 dg.
2	ePg eiSgSg	16 07 58.0 08 16.8	Traces. $\Delta = 130$ km. ~ 1.2 dg.
2	eiPg eiPgPg eiSg	16 39 18.6 19.9 34.6	Traces. $\Delta = 130$ km. ~ 1.2 dg.
2	ePg eiPgPg eiSg eiSgSg	19 13 38.3 39.8 53.3 55.9	Traces. $\Delta = 120$ km. ~ 1.1 dg.
2	ePn eSb eiSg	19 34 34.0 35 12.7 18.0	Traces. $\Delta = 300$ km. ~ 2.7 dg.
3	eiPn eiSgPnPg eiSn eiSgSg	03 11 29.2 32.3 47.8 53.2	Traces. $\Delta = 170$ km. \sim Felt on Elis (V at Zacharo).
3	ePg eiPn eiSg	07 23 47.4 49.0 59.9	Traces. $\Delta = 95$ km. ~ 0.9 dg.

142.

Date	Phase	Time	Additional Readings and Remarks.
Sept. 3	e	10 44 15.0	Traces.
3	eiPg eiSgPg eiSg	15 16 20.2 C 24.9 38.6	Traces. $\Delta = 150$ km. ~ 1.4 dg.
3	e Pg eiSg	18 50 51.2 51 06.4	Traces. $\Delta = 125$ km. ~ 1.1 dg. Felt on Skopelos Island (IV at Skopelos).
3	eiPn eiSg	20 16 03.5 40.0	Traces. $\Delta = 255$ km. ~ 2.3 dg.
3	eiPg eiSg	21 31 46.1 32 01.5	Traces. $\Delta = 125$ km. ~ 1.1 dg. Felt on Skopelos Island (IV at Skopelos).
4	e	07 11 32.4	Traces. Felt on Skopelos Island (III at Skopelos)
4	e	08 14 11.5	Traces.
4	ei(Sg)	08 18 26.9	Traces.
4	ei(Sg)	11 00 56.6	Traces.
4	eiPn eiSn eiSg	11 48 35.0 D 49 08.0 17.0	Very weak. $\Delta = 290$ km. ~ 2.6 dg. Felt on Zante Island (IV at Zante).
4	e	16 09 55.4	Traces.
4	ei(Sg)	16 40 08.5	Traces.
4	eiPg eiPgPg eiSg	17 57 40.2 41.5 56.3	Traces. $\Delta = 130$ km. ~ 1.2 dg. Felt on the Islands of Skopelos (III at Skopelos) and Alonisos (II+ at Alonisos).
4	ePn eiSg	19 26 48.6 27 45.9	Traces. $\Delta = 380$ km. ~ 3.4 dg.

143.

Date	Phase	Time	Additional Readings and Remarks
Sept. 5	iPg eiSg	00 39 42.1 C 50.6	Ae=36 μ , Te=2.8 sec. $\Delta = 70$ km. ~ 0.6 dg. M=4.6 (Athens). Euboea Island 38 $^{\circ}$ 6' N, 23 $^{\circ}$ 6' E. - H=00; 39:31.0; h about 25 km. (USCGS). Poorly recorded up to 85 $^{\circ}$. Felt on the Islands of Euboea (VI+ at Nea-Artaki, V+ at Ghymon, St. - Nikolaos, Aphrathon, Chalkis, Avlonari, Phylla, V at Roviae, St. - Loukas, IV+ at Limni, Mandoudi, Loutra-Aedipsou, IV at Aliveri, Taxiarchae, St. - Anna, III+ at Steni-Diphrys, Karystos, III at Nea-Styra, Neos-Pyrgos), Skopelos (IV at Skopelos) and Aeghina (III+ at Aeghina). - It was reported from Boeotia (V+ at Vathy, V at Chalia, IV+ at Koryni, IV at Arachova, Pavlou, Thebes, Vaghia, III+ at St. - Thomas, Leuktra), Phthiotis (V at Larymna, Zeli, Malesina, Elatia, III+ at Regini, Mendenisti), Attica (IV+ at Avlon, IV at Ano-Liosia, Galatsi, Acharnae, III+ at Athens, Erythrae, Ampelakia, Megara, Vilia, Kapandriti, St. - Ioannis Rentis, III at St. - Stephanos, Korydalos, II+ at Paeania), Corinth (III+ at Corinth). Not felt at Istiaea, Kalyvia, Marmarion (Euboea), Lamia, Kato Tithorea, Molos, Tithorea, Livanates (of Phthiotis) Keratea, Vouliagmeni, Penteli, St. - Paraskevi, Cholargos, Psychikon, Stamata, Nea-Makri, Lavreotiki, Aspropyrgos (of Attica), and Amphisa (of Phokis). Macroseismic Epicenter: 38 $^{\circ}$ 1/2' N, 23 $^{\circ}$ 1/2' E. Area of felt shaking about 25,000 km 2 . M=M 4.9.

Date	Phase	Time	Additional Readings and Remarks.
Sept. 5	iP _g eiS _g	00 43 10.2 C 19.3	Traces. $\Delta = 70$ km. ~ 0.6 dg.
5	ei(S _g)	00 46 55.7	Traces.
5	iP _g eiS _g	01 17 02.8 CSE 11.0	ei 17:10. An=25 μ , Tn=4 sec., Ae=48 μ , Te=2.4 sec. $\Delta = 65$ km. ~ 0.6 dg. M=4.6 (Athens). Evvoikos Gulf 38 $^{\circ}$ 5 N, 23 $^{\circ}$ 6 E. - H=01:16:51,7; h about 35 km. (USCGS). Poorly recorded up to 86 $^{\circ}$. Felt on the Islands of <u>Euboea</u> (VI at Stropones, Nea Artaki, V+ at Psachna, Aphrati, St.-Nikolaos, Gymnon, Avlonari, Chalkis, V at Limni, Phylla, IV at Ste.-Anna, Aliveri, Taxiarchae, St.-Loukas, III+ at Steni-Diphrys, III at Nea-Styra, Neos-Pyrgos), <u>Skopelos</u> (IV at Skopelos), and <u>Aeghina</u> (IV at Aeghina). It was reported from <u>Phthiotis</u> (V at Elatia, Malesina, IV at Atalanti, Zeli, Livanates, III+ at Mendenista), <u>Attica</u> (V at Avlon, IV+ at Ano-Liosia, IV at Athens, Aphidnae, Acharnae, Erythrae, Galatsi, Ste.-Varvara, Kiphisia, Grammaticon, Chalandri, St.-Ioannis -Rentis, III+ at Pefki, Megara, Ampelakia, Vilia, III at Korydalos, St.-Stephanos, II+ at Paeania), <u>Boeotia</u> (V at Vathy, Chalia, IV+ at Aliartos, Pavlon, Thebes, IV at Koryni, Arachova, Davlia, Orchomenos, Vaghia), <u>Magnesia</u> (IV at Almyros), and <u>Corinth</u> (III+ at Corinth). Not felt at Istiaea, Marmarion, Kalyvia (of Euboea), Tithorea, Molos, Regini (of Phthiotis), Keratea, Penteli, Ste.-Paraskevi, Vouliagmeni, Aspropyrgos (of Attica) and

Date	Phase	Time	Additional Readings and Remarks
Sept. 5			Amphisa (of Phokis). Macroseismic Epicenter 38 $^{\circ}$ 1/2 N, 23 $^{\circ}$ 1/2 E. Area of felt shaking about 30,000 km 2 . M.M.=5.0.
5	eiP _g eiS _g	01 29 38.6 C 47.5	Traces. $\Delta = 70$ km. ~ 0.6 dg.
5	e	04 46 06.6	Traces.
5	eiP _g eiS _g	07 53 59.4 54 15.1	Traces. $\Delta = 135$ km. ~ 1.2 dg.
5	eiP _g eiS _g	10 09 04.8 C 21.7	Traces. $\Delta = 140$ km. ~ 1.3 dg.
5	eP _g eP _g P _g eiS _g	12 30 53.6 55.8 31 03.3	Traces. $\Delta = 80$ km. ~ 0.7 dg.
5	eiP _n eiP _g eiS _g	14 17 56.4 18 01.1 28.1	Traces. $\Delta = 230$ km. ~ 2.1 dg. Felt on Zante Island (III at Zante).
5	eiP _g eiS _g	15 42 42.1 44.0	Traces. Local shock.
5	eiP _g eiS _n	16 37 18.3 38.2	Traces. $\Delta = 200$ km. ~ 1.8 dg.
5	eP _g eiS _g	22 26 57.9 27 06.0	Traces. $\Delta = 65$ km. ~ 0.6 dg.
5	eP _g eiS _g	22 37 48.6 57.4	Traces. $\Delta = 70$ km. ~ 0.6 dg.
5	eiP _g eiS _g	23 04 34.8 D 42.3	Traces. $\Delta = 60$ km. ~ 0.5 dg.
5	eP _g eiS _g	23 13 05.4 23.8	Traces. $\Delta = 150$ km. ~ 1.3 dg.

146.

Date	Phase	Time	Additional Readings and Remarks
Sept. 5	e	23 49 27.4	Traces.
6	e Pn	00 03 54.2	Traces. $\Delta = 485$ km. ~ 4.4 dg. Off east coast of Crete Island about 35° N, $27^\circ 3/4$ E. - H=00:02.8(BCIS). Recorded up to 10° .
6	eiPg eiSg	00 27 35.0 42.5	Traces. $\Delta = 60$ km. ~ 0.5 dg.
6	e	07 08 09.5	Traces.
6	e Pn e Pb eiPg eiSg	08 17 36.3 40.3 45.4 18 22.3	Traces. $\Delta = 315$ km. ~ 2.8 dg.
6	ei	11 22 41.2	Traces.
6	ei(Sg)	14 45 25.6	Traces.
7	ePg eiSg	02 04 33.3 44.9	Traces. $\Delta = 95$ km. ~ 0.9 dg.
7	eiPn eiSgPnPg eiSg	07 06 27.5 D 30.1 46.8	Traces. $\Delta = 155$ km. ~ 1.4 dg.
7	e Pn eiPg eiSg	08 44 30.5 31.7 53.5	Traces. $\Delta = 180$ km. ~ 1.6 dg.
7	e Pg eiPn eiSg	15 59 03.2 06.8 08.9	Traces. $\Delta = 40$ km. ~ 0.3 dg.
8	eiPn eiPg eiSb eiSg	10 39 06.0 C 13.5 D 42.1 46.5	ei 39:13 D. $A_n = 5\mu$, $T_n = 2.8$ sec, $A_e = 7\mu$, $T_e = 1.8$ sec. $\Delta = 280$ km. ~ 2.5 dg. $M = 4.7$ (Athens). Off west coast of Peloponnesus, $36^\circ 7$ N, $20^\circ 9$ E. - H=10:38:25.1; h about 33 km. (USCGS). Poorly recorded up to 27° .

147.

Date	Phase	Time	Additional Readings and Remarks
Sept. 8	eiPn eiSgPnPg eiSg	11 11 59.4 12 02.2 12.2	e?11:58. $\Delta = 115$ km, ~ 1 dg.
8	ei(Sg)	12 08 42.3	Traces.
8	ei(Sg)	13 30 11.9	Traces
9	e	04 06 02.9	Traces.
9	i Pg eiSg eiSn	13 21 04.6 15.1 18.7	Traces. $\Delta = 85$ km. ~ 0.8 dg. Felt on Euboea Island (IV at Psachna)
9	ePg eiSg	18 49 50.5 50 01.0	Traces. $\Delta = 85$ km. ~ 0.8 dg.
9	ePn eiSb	21 10 50.7 11 51.0	ei 11:02, ei 11:44. Traces. $\Delta = 455$ km. ~ 4.1 dg. Off south coast of Crete Island $34^\circ 3$ N, $26^\circ 2$ E. - H=21:09:48.1, h about 55 km. (USCGS). Poorly recorded up to 34° .
9	e Pn eiPg eiSg eiSgSg	22 29 50.8 52.6 30 15.7 17.9	Traces. $\Delta = 190$ km. ~ 1.7 dg.
10	eiPn eiPb eiSb eiSg	02 48 15.5 17.1 41.1 42.8	Traces. $\Delta = 205$ km. ~ 1.8 dg.
10	eiPg eiSg	20 43 29.3 D 45.3	Traces. $\Delta = 130$ km. ~ 1.2 dg. Felt on Skopelos Island (IV+ at Skopelos).
10	e(Sg)	23 04 43.8	Traces.

Date	Phase	Time	Additional Readings and Remarks
Sept. 11	e Pn eiSgPnPg eiSn eiSgSg	01 37 06.6 10.5 21.3 23.7	Traces. $\Delta = 120$ km. ~ 1.1 dg.
11	ePn eiPg eiSg	02 28 44.2 C 45.8 D 29 05.4	Very weak. $\Delta = 165$ km. ~ 1.5 dg. Felt in <u>Arcadia</u> (V at Tropea, IV at Paloumpa, Perdikochori), <u>Elis</u> (IV at Kalithea, III+ at Amalias, III at Kato-Phygalia) and <u>Achaia</u> (IV at Skiada).
11	e	07 31 35.6	Traces.
11	e	14 31 22.3	Traces.
11	eiPg eiSg	14 35 11.3 C 17.1	Traces. $\Delta = 40$ km. ~ 0.4 dg.
12	ei.	02 07 03.5 D	Traces.
12	ei(Sg)	17 54 50.0	Traces.
13	ePg eiSg	02 21 04.1 11.8	Traces. $\Delta = 60$ km. ~ 0.5 dg.
13	e(Pn)	06 04 30.5	Traces.
13	eiPg eiSn eiSb eiSg	06 07 48.5 08 14.3 19.2 24.5	Traces. $\Delta = 305$ km. ~ 2.7 dg.
13	e Pn e Sn	06 34 39.2 35 03.4	ei 35:06. Very weak, $\Delta = 200$ km, ~ 1.8 dg. Near west coast of Peloponnese about $37^{\circ}1/2$ N, $21^{\circ}1/2$ E. - H=07:34.1 (BCIS). Very poorly recorded up to 29° . Felt in Elis (IV at Katakolon, III at Amalias); also on Zante Island (II+ at Zante). Area of felt shaking about $10,000$ km ² . M.M.=4.1.

Date	Phase	Time	Additional Readings and Remarks.
Sept. 13	ePn eiSn	10 33 27.3 58.4	Traces. $\Delta = 270$ km. ~ 2.4 dg. Foreshock.
13	eiPn eiPg eiSn	13 13 22.4D 29.2 53.4	ei 13:56, ei 14:00, An=6 μ , Te=3.9 sec., Ae=7 μ , Te=3.9 sec. $\Delta = 270$ km. ~ 2.4 dg. M=4.6 (Athens). Near west coast of Zante Island $37^{\circ}7$ N, $20^{\circ}7$ E, H=13:12:45.1; h about 33 km. (USCGS). Poorly recorded up to 23° . Felt in Elis (IV at Amalias); also on Zante Island (IV at Zante).
13	eiPg eiSg	16 39 05.7C 15.7	Traces. $\Delta = 80$ km. ~ 0.7 dg.
13	ePg eiPgPg eiSg	18 26 05.8 08.4 14.6	Traces. $\Delta = 70$ km. ~ 0.6 dg.
13	e	19 10 11.0	Traces.
13	ePn ePb eiSg	19 58 48.4 53.4 59 36.6	Traces. $\Delta = 325$ km. ~ 2.9 dg.
13	ePn eiSg	20 41 23.4 42 18.1	Traces. $\Delta = 365$ km. ~ 3.3 dg.
13	ePn eiPg eiSb eiSg	21 17 39.7 50.3 18 25.4 32.0	Traces. $\Delta = 345$ km. ~ 3.1 dg.
13	e	21 56 12.3	Traces,
13	e	23 17 52.1	Traces.
13	ePn eiSg	23 19 24.8 21 17.1	Traces. $\Delta = 360$ km. ~ 3.2 dg.
14	ei(Sg)	03 19 18.5	Traces.

Date	Phase	Time	Additional Readings and Remarks
Sept. 14	ei(Sg)	03 19 54.4	Traces.
14	e Pn eiSg	04 36 50.0 37 39.4	Traces. $\Delta = 330$ km. ~ 3 dg.
14	e	09 07 43.5	Traces.
14	e	09 26 15.5	Traces.
14	e	16 05 08.2	Traces.
14	ei(Sg)	16 28 12.7	Traces.
15	ei(Sg)	04 11 07.3	Traces.
15	ei(Sg)	04 41 23.1	Traces.
15	ei(Sg)	06 53 41.3	Traces.
15	ePn iSg	07 24 08.4 42.1	Traces. $\Delta = 240$ km. ~ 2.2 dg. Felt in Messinia (IV+ at Gargalianoe).
15	e	09 09 28.7	Traces.
15	ePn eiSg	09 34 02.7 38.4	Traces. $\Delta = 255$ km. ~ 2.3 dg.
15	e	13 49 10.2	Traces.
15	ei	14 05 39.7 C	Traces.
15	ePg eiSg	14 20 14.1 41.3	Traces. $\Delta = 230$ km. ~ 2.1 dg.
16	eiPg iPn iSgPnPg eiSg iISn	01 44 20.3 22.2 24.7 31.7 34.4	C Very weak. $\Delta = 90$ km. ~ 0.8 dg.

Date	Phase	Time	Additional Readings and Remarks
Sept. 16	e	03 04 28.2	Traces.
16	ePg eiSg	04 31 38.5 D 32 06.9	Traces. $\Delta = 240$ km. ~ 2.2 dg.
16	e	09 26 41.2	Traces.
16	ei	12 34 25.7 D	Traces.
16	eiPg eiSg	13 33 17.6 30.9	Traces. $\Delta = 110$ km. ~ 1 dg.
16	eiPg eiSg	16 47 57.8 C 59.4	Traces. Local shock.
16	e(Pb) ei(Pg) e(Sg)	19 57 03.3 08.9 48.8	Traces. $\Delta = 340$ km. ~ 3.1 dg.
16	e	20 51 21.7	Traces.
17	ePg ePn eiSg	01 09 46.1 48.2 56.7	Traces. $\Delta = 85$ km. ~ 0.8 dg.
17	ePn eSg	01 14 37.6 15 14.6	Traces. $\Delta = 260$ km. ~ 2.3 dg.
17	e	20 20 48.1	Traces.
17	ePn eiSn	20 57 46.6 58 32.7	Traces. $\Delta = 425$ km. ~ 3.8 dg. Off south coast of Crete Island 34°4 N, 25°4 E. - H=20:56:48 (BCIS). Poorly recorded up to 24°.
18	e	04 11 21.1	Traces.
18	ei(Pb) eiPg eiSg	05 09 35.6 10 43.3 34.3	ei0932.5 C, ei 10:28. An=3 μ , Tn= 3 sec, Ae=3 μ , Te=4.4 sec. $\Delta =$ 430 km. ~ 3.9 dg. M=4.5 (Athens)

Date	Phase	Time	Additional Readings and Remarks
Sept. 18			Off south east coast of Crete Island. 34°7 N, 26°5 E. - H=05:08:31.9; h about 39 km. (USCGS). Recorded up to 90°.
18	e	10 18 49.3	Traces.
18	eiPg eiSg	17 40 36.0 41 01.9	Traces. $\Delta=220$ km. ~ 2 dg.
18	eiPg e Sg eiSn	19 04 57.7 05 11.5 13.0	Traces. $\Delta=110$ km. ~ 1 dg.
18	eiPg e Sg eiSgSg	19 14 35.3 50.1 53.1	Very weak. $\Delta=120$ km. ~ 1.1 dg.
18	ePg eSg	23 03 49.3 04 18.5	Traces. $\Delta=245$ km. ~ 2.2 dg.
19	e	00 55 18.1	Traces.
19	e(Pg) eiSg	03 34 46.8 35 24.3	Traces. $\Delta=320$ km. ~ 2.9 dg.
19	ePg eiSg	09 03 16.6 46.9	Traces. $\Delta=255$ km. ~ 2.3 dg.
19	ei(Sg)	11 31 04.5	Traces.
19	eiPg eiSg	12 03 02.8 11.0	Traces. $\Delta=70$ km. ~ 0.6 dg. Felt on Euboea Island (IV at Chalkis, St. - Nikolaos).
19	ei	13 13 31.9	Traces.
19	ePn ePgPg eiSgPg eiSn eiSg	14 08 16.1 19.4 22.7 38.0 43.7	Traces. $\Delta=205$ km. ~ 1.8 dg.

Date	Phase	Time	Additional Readings and Remarks
Sept. 19	eiPn eiSg	16 10 16.8 39.2	Traces. $\Delta=170$ km. ~ 1.5 dg. Felt in Aetolia (IV at Naupaktos).
19	eiPg eiSg	19 04 56.8 05 02.1	Traces. $\Delta=35$ km. ~ 0.3 dg.
19	eiPn ei(Sn) eiSg eiSgSg	22 01 20.8 39.7 42.8 45.2	Traces. $\Delta=170$ km. ~ 1.5 dg.
20	ePn eiSg	02 46 26.4 50.6	Traces. $\Delta=185$ km. ~ 1.7 dg.
20	eiPg eiSg ei(Sn)	04 06 24.7 35.4 38.9	Traces. $\Delta=85$ km. ~ 0.8 dg.
20	e?(Pn) eiPg eiSg	06 17 33.6 37.3 18 00.6	Traces. $\Delta=200$ km. ~ 1.8 dg.
20	e Pn eiPgPg eiSg eiSgSg	07 43 26.1 28.7 50.1 52.1	Traces. $\Delta=185$ km. ~ 1.7 dg. Felt in Magnesia (IV+ at St. - Georgios Baxedes).
20	ePn eiSgPnPg eiSn eiSg	07 50 57.7 51 00.3 D 16.8 19.8	Traces. $\Delta=170$ km. ~ 1.5 dg.
20	eiPg eiPn eiSg	08 21 52.1 C 54.0 D 22 03.3	Traces. $\Delta=90$ km. ~ 0.8 dg.
20	ePn eiSb eiSg	08 50 32.2 51 07.0 11.3	Traces. $\Delta=270$ km. ~ 1.4 dg.

Date	Phase	Time	Additional Readings and Remarks.
Sept. 20	ePn eiSn eiSg	10 01 16.5 42.8 47.9	Traces. $\Delta=225$ km. ~ 2 dg.
20	eiPg eiSg	10 03 10.8 34.1	e 03:07. Traces. $\Delta=190$ km. ~ 1.7 dg.
20	ePn eiSg	10 11 41.1 12 08.0	Traces. $\Delta=200$ km. ~ 1.8 dg.
20	ePg eiSg	10 47 26.1 30.7	Traces. $\Delta=35$ km. ~ 0.3 dg.
20	eiPn eiPg eiSn eiSg	11 43 38.8 D 42.6 44 04.0 07.4	An= 4μ ; Tn=2 sec, Ae= 6μ , Te=1.6 sec. $\Delta=210$ km. ~ 1.9 dg, M=4.3 (Athens) Greece 39° N, $210^{3/4}$ E.-H=11:43:06 (BCIS). Poorly recorded up to 27° . Felt in Aetolia (IV+ at Gavalou, Platanos, Thermon, IV+ at Gavalou, Platanos, Thermon, IV at Agrinion, Messolonghi, Galatas, St.-Andreas Analipsis, St.-Vlasios), Acarnania (III at Lepenou) and Achaia (II+ at Patras); Area of felt shaking about 25,000 km ² . M.M.=4.7.
20	eiPn eiSg	11 49 29.4 56.7	Traces. $\Delta=200$ km. ~ 1.8 dg.
20	e Pn i Pb eiSb	11 50 57.0 D 58.4 D 51 22.4	Traces. $\Delta=205$ km. ~ 1.8 dg.
20	e Pn eiSb	12 12 50.0 16.1	Traces. $\Delta=210$ km. ~ 1.9 dg. Felt in Aetolia (IV at Platanos).
20	ei(Sg)	12 49 23.5	Traces.
20	e Pn eiPb eiSn eiSg	14 07 46.0 47.3 08 10.8 14.5	Traces. $\Delta=210$ km. ~ 1.9 dg. Felt in Aetolia (IV at Thermon, II+ at Agrinion).

Date	Phase	Time	Additional Readings and Remarks.
Sept. 20	ePn eSb eiSg	19 49 44.3 50 13.8 16.9	Traces. $\Delta=235$ km. ~ 2.1 dg.
20	ePn eiSg	20 13 42.8 14 10.2	Traces. $\Delta=205$ km. ~ 1.8 dg.
20	ePn ePg eiSg	20 22 20.3 23.9 48.4	Traces. $\Delta=205$ km. ~ 1.8 dg. Felt in Magnesia (IV+ at St.-Georgios-Baxedes).
21	e	09 12 16.7	Traces.
21	ePn eiSb	15 43 29.7 44 06.4	Traces. $\Delta=285$ km. ~ 2.6 dg. Felt in Jannina (IV+ at Terovon).
21	ePn eSn eiSg	18 41 36.3 56.8 42 00.9	Traces. $\Delta=185$ km. ~ 1.7 dg.
21	ePg eiSg	01 43 09.9 31.8	Traces. $\Delta=180$ km. ~ 1.6 dg.
22	e	07 13 24.0	Traces.
22	eiPg eSg	07 39 03.7 27.0	Traces. $\Delta=190$ km. ~ 1.7 dg. Felt in Magnesia (IV+ at Seskoulon).
22	e	08 43 06.1	Traces.
22	eiPg eiSg	11 33 36.5 51.2	Traces. $\Delta=120$ km. ~ 1.1 dg.
22	ei(Sg)	12 20 50.3	Traces.
22	e(Sg)	16 44 16.2	Traces.
22	e	23 26 37.3	Traces.
23	ePn eSb eiSg	04 57 26.1 58 07.1 12.3	Traces. $\Delta=315$ km. ~ 2.8 dg.

Date	Phase	Time	Additional Readings and Remarks
Sept. 23	ei	08 19 50.7	Traces.
23	eiPn eSg	13 22 34.8 48.0	Traces. $\Delta=115$ km. ~ 1 dg.
23	e	13 42 40.3	Traces.
23	eiPn eiSg	18 08 52.2 09 08.2	Traces. $\Delta=130$ km. ~ 1.2 km.
24	e Pn eiSn eiSg	03 43 41.8 44 04.0 08.4	Traces. $\Delta=200$ km. ~ 1.8 dg.
24	e Pn i Pg eiSg	13 03 20.3 21.6 43.4	Traces. $\Delta=175$ km. ~ 1.6 dg.
24	ei	13 10 41.9	Traces.
24	ei	16 35 14.3	Traces.
25	e(Pg) eiSg	10 00 02.7 08.5	Traces. $\Delta=40$ km. ~ 0.4 dg.
25	e	15 53 10.2	Traces.
25	ePg eSg	20 14 27.6 C 30.7	Very weak. Local shock.
25	eiPg eiSg	20 15 58.1 16 01.5	Very weak. Local shock.
25	e(Sg)	20 16 34.5	Traces.
25	ei(Sg)	20 17 54.8	Traces.
25	ePn eiSn eiSg	23 12 12.4 48.9 13 00.5	Traces. $\Delta=325$ km. ~ 2.9 dg.

Date	Phase	Time	Additional Readings and Remarks
Sept. 26	ePn eiSg	01 42 01.5 44.6	Traces. $\Delta=295$ km. ~ 2.7 dg.
26	ePn eiSg	02 31 43.8 32 20.1	Traces. $\Delta=255$ km. ~ 2.3 dg.
26	ePg eiSg	07 39 43.7 40 11.7	Traces. $\Delta=315$ km. ~ 2.8 dg.
26	ePn eiSg	09 25 59.4 26 22.4	Traces. $\Delta=180$ km. ~ 1.6 dg.
26	eiPg eiPn eiSg	09 52 30.0 31.9 41.4	Traces. $\Delta=90$ km. ~ 0.8 dg.
26	e	13 23 25.2	Traces.
26	e?(Pn) eiSg	14 26 46.8 27 48.8	Traces. $\Delta=405$ km. ~ 3.6 dg.
26	eiPn	15 55 40.6	DTraces. Cyprus Island region.
26	e	16 26 28.0	Traces.
26	eiPg eiSg	17 29 59.4 30 27.8	Traces. $\Delta=245$ km. ~ 2.2 dg.
26	ePg eiSg	18 18 31.1 33.7	Traces. Local shock.
27	ei	10 17 32.5	Traces.
27	ei	12 06 27.7	Traces.
27	ei	14 59 24.3	Traces.
27	eiPn eiSg	22 32 44.2 33 10.2	Traces. $\Delta=195$ km. ~ 1.8 dg.

158.

Date	Phase	Time	Additional Readings and Remarks
Sept. 28	eiPn eiSn eiSb	05 36 20.4 37 17.6 32.2	Traces. $\Delta=535$ km. ~ 3.9 dg. Turkey about $40^{\circ}1/2$ N, 29° E, - H=05:35.1 (BCIS). Poorly recorded up to 20° . Felt at Istanbul (III- IV). Area of felt shaking about 10.000 km ² . M.M=4.1.
28	ei(Sg)	09 18 30.3	Traces.
28	ei(Sg)	14 35 11.8	Traces.
28	iIPn eiSg	14 49 37.5 C 50.4	e 49:37.2. Traces. $\Delta=105$ km. \sim 0.9 dg.
28	iPn eiSg	15 05 25.5 38.6	e?05:23. Traces. $\Delta=105$ km. \sim 0.9 dg.
29	e	07 22 23.9	Traces.
29	ePn eiSg	08 55 36.1 56 27.1	e? 55:26. Traces. $\Delta=345$ km. \sim 3.1 dg.
29	ei(Sg)	13 55 22.5	Traces.
29	eiPn ei(SgPnPg) eiSn eiSg	22 26 44.1 46.7 27 02.8 05.0	Traces. $\Delta=165$ km. ~ 1.5 dg.
30	eiPg eiSg	01 26 36.9 43.2	Traces. $\Delta=45$ km. ~ 0.4 dg.
30	ei(Sg)	08 17 28.8	Traces.
30	e(Sg)	08 23 15.0	Traces.
30	ePn ei(Pg) eiSn eiSg	08 23 25.1 32.9 58.4 24 08.8	Traces. $\Delta=295$ km. ~ 2.7 dg. Felt on Kos Island (III at Kos).

159.

Date	Phase	Time	Additional Readings and Remarks
Sept. 30	ei(Sg)	13 01 13.2	Traces.
30	ePn eiPb eiSn eiSb eiSg	14 34 23.2 28.3 35 02.1 08.4 15.4	Traces. $\Delta=345$ km. ~ 3.1 dg. Felt on Kos Island (IV at Kos).
30	ePn eiPb eiPg iSg	16 49 13.7 19.1 25.4 50 06.5	Traces. $\Delta=355$ km. ~ 3.2 dg. Felt on Kos Island (II+ at Kos).
30	ePn eiSn eiSg	19 55 14.7 47.6 55.7	Traces. $\Delta=280$ km. ~ 2.5 dg.
Oct. 1	ePn eiSn eiSg	00 55 36.7 56 12.5 24.1	Traces. $\Delta=320$ km. ~ 2.9 dg.
1	ePn eiSg	09 18 29.1 19 02.8	Traces. $\Delta=240$ km. ~ 2.2 dg.
1	ePn eiPgPg eiSn eiSg	09 39 34.6 36.5 52.6 54.9	Traces. $\Delta=160$ km. ~ 1.4 dg.
1	ePn eiPgPg eiSg eiSgSg	13 13 38.8 40.2 55.8 58.1	Traces. $\Delta=140$ km. ~ 1.3 dg.
1	eiPg ei(Sn) eiSg	14 08 48.7 D 09 06.5 10.0	Very weak. $\Delta=175$ km. ~ 1.6 dg. Aegean sea, about 50 km. West of Chios Island. H=14:08.3 (BCIS).
1	ePn eiSg	16 36 23.7 54.2	Traces. $\Delta=220$ km. ~ 2 dg.

Date	Phase	Time	Additional Readings and Remarks.
Oct. 1	e(Sg)	22 43 22.7	Traces.
1	ePg. ePgPg eiSg eiSgSg	22 43 29.8 31.2 48.5 50.7	Traces. $\Delta = 150$ km. ~ 1.3 dg.
1	ePg eiSg	23 47 45.5 58.0	Traces. $\Delta = 100$ km. ~ 0.9 dg.
2	ePg eiPgPg eiSg	01 25 31.1 33.8 39.7	Traces. $\Delta = 65$ km. ~ 0.6 dg.
2	ePn eiSb eiSg	05 19 03.5 49.4 55.6	Traces. $\Delta = 345$ km. ~ 3.1 dg.
2	eiPn eiSg	07 22 19.1 43.7	C An=220 μ , Tn=2.7 sec., Ae=162 μ , Te=2.7 sec., $\Delta = 190$ km. ~ 1.7 dg. M=5.8 (Athens). South Peloponnesus 37°0 N, 22°0 E. - H=07:21:44 (BCIS). M=5 ¹ / ₂ (Bucuresti), 5-5 ¹ / ₄ (Kew), 5.0 (Moscow). Recorded up to 89°, poorly up to 129°. A damaging shock in southwestern section of Peloponnesus was felt in Messinia (VII at Avramion, Zev- golation, Dorion, VI+ at Chryso- kelaria, Koroni, Eleophyton, Ky- nighos, VI at Vassilitsi, Korypha- sion, Meropi, Platy, Charocopion, Chandrinon, Pyla, V+ at Kalamae, Chatzi, Ghianitsanika, Evangelis- mos, Eva, Methoni, Arphara, Cho- ra, Chomatada, V at Mikromani, Thouria, Philiatra, Gargalianoe, Longa, Pylos, IV+ at Katsaros, Kyparissia, IV at Pyrgos, Petali- di, Psari, Oechalia, Kopanaki, Kentrikon, Skala), <u>Laconia</u> (VI+

Date	Phase	Time	Additional Readings and Remarks.
Oct. 1			at Georghitsi, VI at Longanikon, V+ at Sparta, Goritsa, V at Oe- tylos, St. Ioannis, Areopolis, Mystras, Skoura, Anoghia, Aso- pos, IV+ at Amyklae, Xerokampi- on, Palaeopanaghia, Elos, Vla- chicti, Karyae, IV at Daphni, Kastorion, Vresthena, Ghythion, Krokeae, Papadianika, III at Kotrona, Niata, Geraki), <u>Elis</u> (VI+ at Kato-Phighalia, Salmoni, V+ at Kalydona, Vasiliki, Varva- saena, Andritsaena, V at Letri- noe, Vryna, Pelopion, Zacharo, IV+ at Amalias, IV at Lampia, Dumaeika, III at Vartholomio, Kolirion), <u>Arkadia</u> (V+ at Pa- loumpa, Tripotamos, V at Megalo- polis, Kolinae, IV+ at Tripolis, Vytina, Valtasinikon, Rizes, Vla- chokerasia, IV at Kakourion, As- tros, Leonidi, Langadia, III at Doliana), <u>Achaia</u> (V at Klitor, IV+ at Patras, Sagheika, Kouni- na, Vrachneika, III at Metochi, Drepanon, Daphni), <u>Corinthia</u> (IV at Velon, Assos, III+ at Si- kyona, Athikia, III at Xylokas- tron, St.- Vasilios, Panarition, Sophikon), <u>Argolis</u> (IV+ at Nau- plion, IV at Argos, Nea-Kios, III+ at Karya, Arachneon) and Attica (II at Piraeus). The shock was reported from the Is- lands of Sikinos (IV at Sikinos), Ios (III+ at Ios), Cephalonia (III+ at Lixouri, Vlachata, III at Skala) and Zante (III at Zante). Not felt at Sykea, Ierax, Skala, Neapolis, Vrontama (of Laconia), Lechaena, Kyllini, Traganon, E-

Date	Phase	Time	Additional Readings and Remarks;
Oct. 1			pitalion, Goumeron, Nea-Manolas, Strephi (of Elis), Levidi, Amygdalea, Kapsa, Kandila, Nestani, Dara, Kosmas (of Arcadia), Kalanistra, Skiada, Drosia, Chalandritsa, Akrata, Valimitika, Eglykada, Kalavryta, Kato Achaia, (of Achaia), Corinth, Chiliomodi, Zevgolatio, Archaea-Corinth, Stimanga, Derveni, St.-Theodoros, Vrachati (of Corinthia). Palaea-Epidavros, Ligourion, Limnae, Ermioni, St.-Adrianos, Koutsopodi, Mykinae, Nea Tirynthos (of Argolis), Chania, Kalyvae, Vamos, Palaeochora, Kardanos, Gramvousa, Rethymnon, Gazaros, Anoghia, Livadia, Argyroupolis (of Crete Island), Zante, Ano Volimae, Volimae (of Zante Island), Asprogerakas Sami (of Cephalonia Island) and on the Islands Kythnos, Milos, Andros, Paros, Tinos, Kea, Mykonos; Macro seismic Epicenter 37° N, 22° E. Area of felt shaking about 110.000 km^2 $r_5=50 \text{ km}$. M.M.=5.9 Focal depth = 23 km.
2	eiPn eiPgPg eiSg	07 32 23.9 C 26.9 48.9	Traces. $\Delta = 190 \text{ km}$. ~ 1.7 dg. Aftershock.
2	ePg eiSn	07 49 07.3 27.4	ei 49:31. Traces. $\Delta = 190 \text{ km}$. ~ 1.7 dg. Aftershock.
2	ei(Sg)	08 26 11.4	Traces.
2	ei(Sg)	08 32 20.9	Traces.

Date	Phase	Time	Additional Readings and Remarks
Oct. 2	eiPn eiPg eiSg	13 20 42.7 C 45.6 21 08.4	An=5.5 sec., Tn=2.1 sec., Ae=7.1 sec., Te=1.8 sec., $\Delta=190 \text{ km}$, 1.7 dg. M=4.4 (Athens) Aftershock. Recorded up to 27° Felt in Messonia (IV+ at Gargalianoe, IV at Coroni, Chrysokelaaria, Kyparissia, III+ et Evangelismos, III at Kopanaki, Longa), Lakonia (IV at Oetylos) and Elis III+ at Letrinoe). USCGS gives: $37^{\circ}4$ N, $23^{\circ}2$ E, h about 135 km, H=13:20:21.6. This is inconsistent with the macro seismic data and the analysis of Athens seismograms.
2	ePg eiSg	13 24 42.2 25 05.0	Traces. $\Delta = 195 \text{ km}$. ~ 1.8 dg. Aftershock.
2	ei(Sg)	15 14 23.5	Traces.
2	ePg eiSg	16 10 02.6 16.0	Traces. $\Delta = 110 \text{ km}$. ~ 1 dg.
2	ePn eiPg eiSg	16 11 10.0 12.8 35.3	Traces. $\Delta = 190 \text{ km}$. ~ 1.7 dg. Aftershock.
2	ePn eiSg	16 27 51.6 28 25.9	Traces. $\Delta = 245 \text{ km}$. ~ 2.2 dg.
2	ePn eiSn eiSg	20 25 29.0 46.7 48.6	Traces. $\Delta = 155 \text{ km}$. ~ 1.4 dg.
3	Pn eiSn	01 01 59.5 C 02 30.2	Traces. $\Delta = 285 \text{ km}$. ~ 2.6 dg. Crete Island $35^{\circ}4$ N, $24^{\circ}1$ E. H=01:01:18; h about 100 km. Recorded up to 33° poorly up to 89° and very poorly up to 125° .

Date	Phase	Time	Additional Readings and Remarks.
Oct. 3	eiPg eiSn eiSg	02 36 54.5 37 12.5 15.7	Traces. $\Delta = 175$ km. ~ 1.6 dg.
3	ei(Sg)	03 45 02.2	Traces.
3	ei(Sg)	07 25 02.3	Traces.
3	ePn eiPb eiSb	16 47 17.1 21.1 56.6	Traces. $\Delta = 305$ km. ~ 2.7 dg.
3	e	21 07 53.5	Traces.
4	e	01 12 58.8	Traces.
4	ei(Sg)	10 22 09.3	Traces.
4	ePg eiSg	22 25 25.4 40.3	Traces. $\Delta = 120$ km. ~ 1.1 dg.
5	e	04 00 47.9	Traces.
5	ePg eiSgPnPg eiSg	06 27 31.7 35.0 45.7	Traces. $\Delta = 115$ km. ~ 1.1 dg.
5	e	06 32 00.4	Traces.
5	ePg eiSg eiSgSg	08 28 57.5 29 12.4 15.4	Traces. $\Delta = 120$ km. ~ 1.1 dg.
5	ei(Sg)	09 35 04.5	Traces.
5	ePn eiSg	12 39 28.2 56.8	Traces. $\Delta = 210$ km. ~ 1.9 dg.
5	ei(Sg)	13 31 12.7	Traces.

Date	Phase	Time	Additional Readings and Remarks
Oct. 5	ePn eiPg eiSn eiSg	14 26 30.4 32.0 50.9 55.0	Traces. $\Delta = 185$ km. ~ 1.7 dg. Felt in Achaia (III+ at Klitor).
5	e(Sg)	14 45 45.5	Traces.
5	iPn iPg eiSn eiSg	20 27 45.3 C 49.5 28 11.3 16.2	An=4.6 μ , Tn=1.2 sec. Ae=4.2 μ , Te=1.6 sec. $\Delta = 225$ km ~ 2 dg. M=4.3 Athens. Santorin Island 36 $^{\circ}5$ N, 25 $^{\circ}5$ E. - H=20:27:09 (BCIS) Recorded up to 28 $^{\circ}$. Felt on the Islands Santorin (V at Thera, IV+ at Oea), Ios (IV+ at Ios), and Paros (IV at Paros, Leukae). Area of felt shaking about 15,000 km 2 . M.M=4.4. Focal depth about 19 km.
5	eiPb eiSn eiSg	20 30 56.0 C 31 20.4 25.6	ei 31:00 D. Traces. $\Delta = 225$ km. ~ 2 dg. Felt on the Islands Ios (III at Ios) and Paros (III at Paros, Leukae).
5	ei(Pg)	20 33 45.0 C	Traces.
5	ei(Pg)	20 34 22.4 C	Traces.
5	e	20 34 59.4	Traces.
5	e	20 37 31.9	Traces.
5	iPn eiSb eiSg	20 37 40.0 C 38 09.2 11.9	Aftershock. Weak. $\Delta = 230$ km. ~ 2.1 dg. Santorin Island 36 $^{\circ}1/2$ N, 25 $^{\circ}1/2$ E. - H=20:37:04 (BCIS) Poorly recorded up to 22 $^{\circ}$. Felt on the Islands Santorin (V at Thera, IV+ at Oea), Ios (III+ at Ios) and Paros (III+ at Leukae). Area of felt shaking about 15,000 km 2 . M.M=4.4 Focal depth about 19 km.

166.

Date	Phase	Time	Additional Readings and Remarks.
Oct. 5	ePn eiSg	21 27 55.1 28 27.4	ei 28:25. Traces. $\Delta = 230$ km. ~ 2.1 dg. Felt on the Islands of Santorin (V at Thera, III at Oea) and Ios (III at Ios).
6	eiPn eiSn	00 02 50.7 C 03 16.5	Traces. $\Delta = 220$ km. ~ 2 dg.
6	e	03 06 58.5	Traces.
6	eiPg eiSgPg eiSg eiSgSg	08 20 06.1 D 10.8 22.6 25.2	Traces. $\Delta = 135$ km. ~ 1.2 dg.
6	ei(Sg)	10 49 53.2	Traces.
6	ei(Sg)	13 53 14.7	Traces.
6	e(Sg)	14 33 01.5	Traces.
6	ePg eiSg	22 24 42.6 51.6	Traces. $\Delta = 70$ km. ~ 0.6 dg.
6	ePg eSg	23 23 21.2 24.9	Traces. $\Delta = 25$ km. ~ 0.2 dg.
7	e(Sg)	02 04 00.7	Traces.
7	ei(Sg)	05 49 00.1	Traces.
7	e(Pb) eiSg	14 07 47.4 09 32.7	e 07:43. Traces. $\Delta = 755$ km. ~ 6.8 dg. Mediterranean $34^{\circ}3/4$ N, $16^{\circ}1/2$ E. - H=14:05:51 (BCIS). Recorded up to 17° .
7	e	15 09 45.6	Traces.
7	e	23 48 46.6	Traces.

167.

Date	Phase	Time	Additional Readings and Remarks.
Oct. 8	ePg eiPgPg eiSg	16 50 38.0 41.8 43.4	Traces. $\Delta = 40$ km. ~ 0.4 dg.
9	eiPn eiPb eiSb	01 43 57.4 C 44 05.2 55.5	Very weak. $\Delta = 435$ km. ~ 3.9 dg. Off east coast of Crete Island $35^{\circ}0$ N, $27^{\circ}0$ E. - H=01:42:54 (BCIS). Recorded up to 30° , poorly up to 35° .
9	ei(Sg)	07 46 25.6	Traces. Felt in Magnesia (IV at Drakia).
9	ePn eiSn	08 34 56.5 35 33.3	ei 35:07, ei 35:35. Traces. $\Delta = 330$ km. ~ 3 dg. Off west coast of Rhodes Island $36^{\circ}1/4$ N, $26^{\circ}3/4$ E. - H=08:34.1 (BCIS). Poorly recorded up to 7° . Felt on Calymnos Island (III+ at Calymnos).
9	ePn eiSg	09 05 14.2 45.7	Traces. $\Delta = 225$ km. ~ 2 dg.
9	ei(Sg)	11 54 19.2	Traces.
9	ePn eiSg	15 29 43.8 30 28.0	Traces. $\Delta = 300$ km. ~ 2.7 dg.
9	ei(Sg)	15 54 59.6	Traces.
9	ePn	17 12 15.8	Traces.
10	eiPg eiSg eiSgSg	07 13 40.9 D 58.3 14 00.7	Traces. $\Delta = 140$ km. ~ 1.3 dg.
10	ei(Sg)	09 31 25.7	Traces.
11	ei(Sg)	09 12 12.9	Traces.

Date	Phase	Time	Additional Readings and Remarks.
Oct. 11	eiPg eiSg eiSn	19 31 10.4 23.4 25.5	C Traces. $\Delta = 105$ km. ~ 0.9 dg.
12	eiPn eiSn eiSg	00 24 39.2 25 13.3 22.6	C Traces. $\Delta = 295$ km. ~ 2.7 dg.
12	e	08 16 11.1	Traces.
12	ei	08 19 51.5	Traces.
12	ei	10 28 45.2	D Traces.
12	eiPg eiPn eiSgPnPg eiSn eiSg	10 53 06.6 07.6 10.2 21.9 23.7	D Traces. $\Delta = 115$ km. ~ 1 dg.
12	eiPg eiSg	10 54 13.2 26.5	Traces. $\Delta = 110$ km. ~ 1 dg.
12	e	12 51 50.4	Traces.
12	ei(Sg)	22 02 52.8	Traces.
13	e(Pn) ei(Sg)	03 14 11.4 43.0	Traces. $\Delta = 225$ km. ~ 2 dg.
13	ePn eiPg eiSg	05 39 17.0 21.2 47.3	D Very weak. $\Delta = 220$ km. ~ 2 dg.
13	ei(Sg)	06 14 15.0	Traces.
13	eiPn ei(Pb) eiSg	06 49 51.9 57.4 50 48.6	e? 49:46. Traces. $\Delta = 375$ km. ~ 3.4 dg.
13	e	08 16 36.3	Traces.

Date	Phase	Time	Additional Readings and Remarks.
Oct. 13	ei(Sg)	09 20 31.3	Traces.
13	ei(Sg)	12 03 58.7	Traces.
13	ePg eiSg eiSn	12 09 04.4 14.1 18.0	Traces. $\Delta = 80$ km. ~ 0.7 dg.
14	ei(Sg)	07 32 32.1	Traces.
14	eiPg eiSg eiSgSg	09 04 11.5 24.0 27.2	Traces. $\Delta = 100$ km. ~ 0.9 dg.
14	ei(Sg)	11 43 42.0	Traces.
14	ei(Sg)	13 23 37.8	Traces.
14	eiPn eiSg	16 46 54.0 47 07.9	Traces. $\Delta = 120$ km. ~ 1.1 dg.
14	ePn eiPg eiSn	17 41 56.6 42 04.8 29.4	D ei 42:33, ei 42:38, ei 42:41. Very weak. $\Delta = 290$ km. ~ 2.6 dg. Epirus 39°6 N, 21°0 E. - H=17:41:14 (BCIS). Very poorly recorded up to 8°. Felt in Jannina (VI+ at Jannina, IV+ at Zitsa). Several slight aftershocks, felt in Jannina, were not recorded in Athens.
14	e(Sg)	19 14 15.6	Traces. Felt in Jannina (V at Jannina).
14	eiPg eiSg	21 20 49.9 21 13.6	ei 21:09. Traces. $\Delta = 200$ km. ~ 1.8 dg. Felt in Messenia (IV at Ky-parissia).
15	e(Sg)	00 28 37.5	Traces.
15	e(Sg)	01 21 16.2	Traces.

Date	Phase	Time	Additional Readings and Remarks.
Oct. 15	ePn eiPg eiSg	03 46 56.7 57.8 47 19.5	D Traces. $\Delta=175$ km. ~ 1.6 dg. Felt in Achaia (IV at St.-George-Rion)
15	eiPg eiPgPg eiSg	05 58 39.9 43.9 45.2	C Traces. $\Delta=40$ km. ~ 0.4 dg.
15	ePn eiSg	11 50 15.9 58.9	Traces. $\Delta=295$ km. ~ 2.7 dg. Felt in Jannina (V+ at Jannina). Two slight aftershocks were felt in Jannina.
15	ei(Sg)	22 41 56.9	Traces.
15	iPg eiSg eiSgSg	23 47 45.4 48 00.9 03.5	C Traces. $\Delta=125$ km. ~ 1.1 dg.
16	ePn eiSg	09 06 34.6 07 36.7	Traces. $\Delta=405$ km. ~ 3.6 dg.
16	ei(Sg)	10 05 57.3	Traces.
16	eiPn eiSn ei(Sg)	10 12 17.5 38.4 43.3	D Traces. $\Delta=190$ km. ~ 1.7 dg.
16	ei	12 06 22.9	Traces.
16	eiPg eiPgPg eiSg	16 56 17.8 20.4 25.6	C Traces. $\Delta=60$ km. ~ 0.5 dg.
17	ePg eiSg	00 05 27.1 35.1	Traces. $\Delta=65$ km. ~ 0.6 dg.
17	ePg eiSg	00 31 29.6 39.2	Traces. $\Delta=75$ km. ~ 0.7 dg.
17	ePn eiSg	04 22 36.1 23 11.6	Traces. $\Delta=250$ km. ~ 2.3 dg.

Date	Phase	Time	Additional Readings and Remarks.
Oct. 17	ePn eiSg	05 16 52.5 17 42.6	Traces. $\Delta=335$ km. ~ 3 dg.
17	e	05 24 49.7	Traces.
17	iPn eiSgPg eiSg eiSn eiSgSg	07 08 05.8 09.7 17.5 19.1 20.6	C Traces. $\Delta=105$ km. ~ 0.9 dg.
17	ei(Sg)	07 43 10.2	Traces.
17	ei(Sg)	08 07 38.6	Traces.
17	ei(Sg)	11 16 04.3	Traces.
17	e(Sg)	12 44 02.3	Traces.
17	e(Sg)	14 56 18.8	Traces. $\Delta=255$ km. ~ 2.3 dg. S,W Turkey. H=14:55.0
17	ePn ei(Sb) eiSg	17 27 32.1 28 06.6 10.3	C Traces. $\Delta=265$ km. ~ 2.4 dg.
17	ei(Sg)	18 58 09.0	Traces.
18	ePn eiPg eiSb eiSg	02 50 13.9 19.9 45.9 49.5	Very weak. $\Delta=250$ km. ~ 2.3 dg. Felt on the Islands Cephalonia (IV+ at Sami), Ithaca (IV at Ithaca) as well as in the regions Aetolia (IV at Aetolikon, III at Messolonghi) and Achaia (II+ at Kato-Achaia).
18	ei(Sg)	04 06 35.5	Traces. Felt on the Islands Cephalonia (IV at Digaleton) and Ithaca (IV at Ithaca).
18	ePn eiSg	07 26 23.7 45.0	Traces. $\Delta=165$ km. ~ 1.5 dg.

172.

Date	Phase	Time	Additional Readings and Remarks.
Oct. 18	ei(Sg)	07 43 11.0	Traces.
18	ePn	10 51 28.1	Traces. $\Delta = 360$ km. ~ 3.2 dg.
	ei(Pb)	33.0	
	eiSn	52 07.7	
	eiSg	22.3	
18	ei(Sg)	11 14 16.3	Traces.
18	ei(Sg)	12 04 46.6	Traces.
18	e(Sg)	12 33 01.1	Traces.
18	e	12 49 16.0	Traces.
19	ei(Sg)	12 43 30.3	Traces.
19	ePn	19 02 55.0	Traces. $\Delta = 180$ km. ~ 1.6 dg.
	eiPg	56.3	
	eiSg	03 17.9	
20	ei(Sg)	07 05 23.2	Traces.
20	e	08 57 50.4	Traces
20	ei(Sg)	10 33 16.1	Traces.
20	ei(Sg)	11 41 55.8	Traces.
20	ei(Sg)	12 34 15.5	Traces.
20	ei(Pn)	14 08 06.8	Traces. $\Delta = 215$ km. ~ 1.9 dg. Felt on Oenousae Island (IV+ at Oenousae).
	eiSn	32.3	
	eiSb	33.8	
20	ePn	22 00 35.6	Traces. $\Delta = 235$ km. ~ 2.1 dg.
	eiPb	37.8	
	ei(Sn)	01 02.1	
	eiSg	08.3	
21	ePn	01 34 23.6	Traces. $\Delta = 165$ km. ~ 1.5 dg.
	eiSg	44.1	

173.

Date	Phase	Time	Additional Readings and Remarks
Oct. 21	ei(Sg)	07 22 41.9	Traces.
21	ei(Sg)	11 14 59.3	Traces.
21	ePn	11 20 20.9	Traces. $\Delta = 265$ km. ~ 2.4 dg.
	eiSn	51.2	
	eiSg	58.8	
21	ePn	19 56 34.4	Traces. $\Delta = 200$ km. ~ 1.8 dg.
	eiPg	38.0	
	ei(Sn)	57.6	
	eiSg	57 01.1	
22	e	07 37 55.5	Traces
22	ePn	20 41 56.3	Traces. $\Delta = 125$ km. ~ 1.1 dg.
	eiSg	42 11.9	
	eiSgSg	14.7	
22	ePn	21 03 54.1	Traces. $\Delta = 220$ km. ~ 2 dg.
	eiPg	58.3	
	eiSb	04 21.6	
	eiSg	24.4	
22	e(Sg)	23 04 07.6	Traces.
23	ePg	04 32 46.1	Traces. $\Delta = 40$ km. ~ 0.4 dg.
	eiPgPg	49.9	
	eiSg	51.2	
23	ei(Sg)	07 27 11.4	Traces.
23	ePg	07 48 18.7	Traces. $\Delta = 40$ km. ~ 0.4 dg.
	eiSg	24.0	
23	ei(Sg)	08 05 12.1	Traces.
23	ei(Sg)	09 14 44.0	Traces.
23	ei(Pn)	09 24 36.2	e?24:24. Traces. $\Delta = 480$ km. \sim
	eiSg	25 50.5	4.3 dg.

174.

Date	Phase	Time	Additional Readings and Remarks.
Oct. 23	ei(Sg)	11 51 26.3	Traces.
23	ePn	12 40 19.6	Traces. $\Delta=245$ km. ~ 2.2 dg.
	eiSn	48.5	
	eiSg	55.0	
23	eiPg	12 52 20.6	Traces. $\Delta=65$ km. ~ 0.6 dg. Felt in Corinthia (IV at Athikia, III at Isthmia).
	eiSgPg	26.3	
	eiSg	28.9	
23	ei(Sg)	13 02 15.1	Traces.
24	ePg	02 41 55.4	Traces. $\Delta=85$ km. ~ 0.8 dg.
	eiPgPg	57.7	
	ei(SgPnPg)	59.7	
	eiSg	42 06.1	
24	eiPg	07 15 24.2	Weak. $\Delta=105$ km. ~ 0.9 dg. Felt on Euboea Island (IV at Limni).
	eiPn	25.2	
	eiSgPg	29.0	
	eiSg	37.3	
24	ei(Sg)	07 27 48.1	Traces.
24	iPg	10 07 55.6	CSW Weak. $\Delta=40$ km. ~ 0.4 dg.
	eiSg	08 01.0	
24	eiPg	10 10 18.9	Weak. $\Delta=35$ km. ~ 0.3 dg.
	eiPgPg	22.8	
	eiSg	23.0	
	eiSgSg	31.1	
24	eiPg	10 18 59.8	Traces. $\Delta=40$ km. ~ 0.4 dg.
	eiSg	19 05.5	
24	ePg	10 28 36.4	Traces. $\Delta=45$ km. ~ 0.4 dg.
	eiSg	42.4	
24	eiPn	11 09 33.9	Weak. $\Delta=290$ km. ~ 2.6 dg.
	eiPb	37.8	
	eiSb	10 12.2	
	eiSg	16.7	

175.

Date	Phase	Time	Additional Readings and Remarks.
Oct. 24	iPg	11 19 20.1	CSW An=18 μ , Tn=2 sec., $\Delta=40$ km. ~ 0.4 dg. M=4.0 (Athens). Felt in Attica (IV+ at Kalamos, IV at Kapandriti, Markopoulon-Oropou, Grammatikon, Malakasa, Avlon). Macroseismic epicenter: 38.3 N, 24.0 E.
	eiSg	25.2	
24	eiPg	11 26 43.9	C Traces. $\Delta=50$ km. ~ 0.4 dg.
	eiPgPg	47.0	
	eiSg	50.4	
24	e(Sg)	11 36 54.2	Traces.
24	eiPg	11 39 10.4	C Traces. $\Delta=40$ km. ~ 0.4 dg.
	eiSg	15.9	
24	iPg	11 47 01.8	CS(E) An=11 μ , Tn=3,2 sec. $\Delta=40$ km. ~ M=3.8 (Athens). Aftershock. Felt in Attica (V at Kalamos IV+ at Malakasa, IV at Markopoulon-Oropou, Avlon, Grammatikon III at Kapandriti). Macroseismic epicenter: 38.3 N, 24.0 E.
	ei(Sg)	07.3	
24	iPg	12 11 33.1	CSW An=8 μ , Tn=3.4 sec., $\Delta=30$ km. M=3.5 (Athens). Aftershock. Felt in Attica (V at Kalamos IV+ at Malakasa, IV at Markopoulon-Oropou, Grammatikon, III+ at Amaroussion III at Kapandriti, Avlon).
	eiSg	37.2	
	ei(SgPg)	40.1	
24	ePg	12 18 15.0	Traces. $\Delta=35$ km. ~ 0.3 dg.
	eiSg	19.9	
24	ei(Sg)	12 41 12.1	Traces.
24	ei(Sg)	13 39 27.4	Traces.
24	eiPg	15 08 35.4	CSW Weak. $\Delta=40$ km. ~ 0.4 dg. Aftershock.
	eiSg	41.1	Felt in Attica (IV+ at Kalamos).

176.

Date	Phase	Time	Additional Readings and Remarks
Oct. 24	ePg eiSg	15 26 34.1 40.3	Traces. $\Delta = 40$ km. ~ 0.4 dg.
24	eiPg eiSg	15 29 27.7 33.4	Traces. $\Delta = 40$ km. ~ 0.4 dg.
24	eiPg ei(PgPg) eiSg	15 30 40.5 C 44.1 45.5	Traces. $\Delta = 40$ km. ~ 0.4 dg.
24	iPg eiSg	15 39 23.1 28.2	Traces. $\Delta = 40$ km. ~ 0.4 dg.
24	iPg eiSg	17 25 34.2 C 39.9	Weak. $\Delta = 40$ km. ~ 0.4 dg. Aftershock. Felt in Attica (IV+ at Kalamos, IV at Markopoulon-Oropou).
24	iPg eiSg eiSgPg	17 43 33.9 39.3 40.3	CSW $A_n=16\mu$, $T_n=3,4$ sec. $\Delta = 40$ km. ~ 0.4 dg. $M=4$ (Athens). Aftershock. Felt in Attica (V at Kalamos, IV+ at Malakasa, IV at Grammatikon, Markopoulon-Oropou, Dionysos, III at Kapandriti, Tatoi, Avlon).
24	eiPg eiSg	17 45 49.4 54.9	Traces. $\Delta = 40$ km. ~ 0.4 dg.
25	ePn eiSg	03 57 07.7 51.3	Traces. $\Delta = 300$ km. ~ 2.7 dg. Felt in Jannina (IV+ at Jannina).
25	ePn eiSb eiSg	07 15 34.4 D 16 00.8 03.3	Traces. $\Delta = 210$ km. ~ 1.9 dg. Felt in Acarnania (III at Lepe-nou).
25	e	07 58 02.1	Traces.
25	ei(Sg)	08 04 44.6	Traces.
25	ei(Sg)	08 05 53.8	Traces.

177.

Date	Phase	Time	Additional Readings and Remarks
Oct. 25	ei(Sg)	10 32 57.1	Traces.
25	ei(Sg)	12 23 28.8	Traces.
25	iPg eiSgPg eiSg	14 35 05.4 D 10.7 13.6	Traces. $\Delta = 65$ km. ~ 0.6 dg. Felt in Corinthia (IV+ at Isthmia).
25	ePg eiSg	14 47 51.0 57.2	Traces. $\Delta = 45$ km. ~ 0.4 dg.
25	eiPg eiSg	23 45 07.7 C 13.0	Traces. $\Delta = 40$ km. ~ 0.4 dg.
26	e	00 00 15.7	Traces.
26	ePg eiSg	00 01 27.5 33.3	Traces. $\Delta = 40$ km. ~ 0.4 dg.
26	e	00 25 10.6	Traces.
26	ei(Sg)	02 56 57.6	Traces.
26	ei(Sg)	03 11 37.6	Traces.
26	e	07 58 18.7	Traces.
26	ePn eiSb eiSg	10 02 38.7 03 13.9 18.4	Traces. $\Delta = 275$ km. ~ 2.5 dg.
26	ePn eSg	10 05 38.8 06 07.9	Traces. $\Delta = 215$ km. ~ 1.9 dg.
26	e	11 02 38.0	Traces.
26	ePg eiSg	11 14 17.3 22.8	Traces. $\Delta = 45$ km. ~ 0.4 dg.
26	ei(Sg)	12 42 14.9	Traces.

178.

Date	Phase	Time	Additional Readings and Remarks
Oct. 26	eiPn eiPgPg eiSn eiSg	19 13 33.8 D 36.5 D 53.8 57.8	Traces. $\Delta = 185$ km. ~ 1.7 dg. Felt. in Achaia (IV+ at Drepanon, IV at Patras).
26	eiPg eiSg	19 39 03.3 08.4	Traces. $\Delta = 40$ km. ~ 0.4 dg.
27	eiPg eiSg	04 06 49.2 C 54.5	Traces. $\Delta = 40$ km. ~ 0.4 dg.
27	eiPg eiSg eiSgSg	05 52 58.6 C 53 03.5 10.7	Traces. $\Delta = 40$ km. ~ 0.4 dg.
29	eiPn eiSn eiSb eiSg	13 36 35.0 37 05.4 09.3 13.7	Traces. $\Delta = 265$ km. ~ 2.4 dg.
29	eiPn eiSn eiSg	15 44 26.6 58.0 45 05.8	Traces. $\Delta = 270$ km. ~ 2.4 dg.
29	eiPn eiSn eiSg	16 26 23.5 53.9 27 01.4	Traces. $\Delta = 265$ km. ~ 2.4 dg.
29	e	18 21 32.5	Traces.
29	ePn ePb eiSg	22 19 15.9 17.8 48.1	Traces. $\Delta = 230$ km. ~ 2.1 dg. Felt. on Cephalonia Island (V at Sami, IV+ at Argostoli; IV at Spartiae).
29	ePn eiSg	23 52 39.2 53 06.0	Traces. $\Delta = 200$ km. ~ 1.8 dg. Felt. in Karditsa (IV at Anavra)
30	ePg ei(Sg)	01 25 05.4 09.4	Traces. $\Delta = 30$ km. ~ 0.3 dg.

179.

Date	Phase	Time	Additional Readings and Remarks
Oct. 30	ei(Sg)	07 49 05.6	Traces.
30	ei(Sg)	09 02 24.6	Traces.
30	ei	10 24 36.9	Traces.
30	ei(Sg)	12 18 17.2	Traces.
30	ePg eiSg	14 21 19.5 27.0	Traces. $\Delta = 55$ km. ~ 0.5 dg.
30	e(Sg)	16 05 28.3	Traces.
30	ePg eiSg	16 05 45.7 52.5	Traces. $\Delta = 50$ km. ~ 0.5 dg.
30	e(Sg)	18 09 07.5	Traces.
31	e(Sg)	06 00 23.7	Traces.
31	ei(Sg)	07 41 58.4	Traces.
31	ei(Sg)	08 30 02.5	Traces.
31	eiPg eiPn eiSg	08 57 48.2 49.3 58 01.3	An=5.8 μ , Tn=1.6 sec., Ae=12 μ , Te=2 sec. $\Delta = 120$ km. ~ 1.1 dg M= 4.3 (Athons). Aege- an Sea about 39 ⁰ 1/2 N, 24 ⁰ 1/2 E. (Probably 39 ⁰ N, 24 ⁰ E). - H=08: 57.3 (BCIS). Felt. on the Islands Skopelos (V at Skopelos) and A- lonisos (II+ at Alonisos).
31	ePg eiSgPnPg eiSgPg eiSg eiSn eiSgSg	09 02 26.3 27.8 31.0 41.6 42.3 44.3	Traces. $\Delta = 125$ km. ~ 1.1 dg. Felt. on the Islands Skopelos (IV at Skopelos) and Alonisos (II+ at Alonisos).
31	eiPg eiSg	09 35 24.1 38.9	Traces. $\Delta = 120$ km. ~ 1.1 dg.

180.

Date	Phase	Time	Additional Readings and Remarks
Oct. 31	ePg eiSg	09 39 48.2 40 03.7	Traces. $\Delta = 120$ km. ~ 1.1 dg.
31	ei(Sg)	12 38 43.4	Traces.
31	ePg ei(PgPg) eiSg	22 35 51.4 53.1 36 05.5	Traces. $\Delta = 115$ km. ~ 1 dg. Felt, on Skopelos Island (V at Skopelos).
Nov. 1	eiPg eiSg	00 57 11.6 C 16.3	Traces. $\Delta = 40$ km. ~ 0.4 dg.
1	e(Sg)	12 40 31.9	Traces.
1	ei(Sg)	13 45 55.2	Traces.
2	eiPn eiSg	04 57 55.6 C 58 29.7	An=1.9 μ , Tn=1.2 sec., Ae=1,2, Te=2,2 sec., $\Delta = 245$ km. ~ 2.2 dg. M=3.9 (Athens). Near west coast Greece, about $38^{\circ}1/2$ N, 21° E. - H=04:57:21 (BCIS). Very poorly recorded up to 14° . Felt in Acarnania (V+ at Thyron, V at Astakos, Phytiae, IV at Palaeros), Aetolia (IV at Agrinion, Neochorion) and on the Islands Cephalonia (V at Sami), Leukas (III at Leukas). Area of felt shaking about 6000 km ² . M.M=3.9.
2	ei(Sg)	05 17 45.0	Traces. Felt in Acarnania (IV at Astakos).
2	eiPg eiPgPg eiSgPg eiSg eiSgSg	07 02 06.2 07.6 11.2 20.1 23.2	Traces. $\Delta = 110$ km. ~ 1 dg.

181.

Date	Phase	Time	Additional Readings and Remarks
Nov. 2	e?(Pn) eiPb eiSg	08 36 58.4 37 00.5 31.4	Traces. $\Delta = 240$ km. ~ 2.2 dg. Aftershock. Felt, in Acarnania (IV+ at Astakos, IV at Phytiae, III at Palaeros) and Aetolia (III at Mesolonghi).
2	e(Sg)	09 21 23.2	Traces.
2	eiPn eiSb eiSg	09 25 54.0 26 32.8 37.9	Traces. $\Delta = 300$ km. ~ 2.7 dg.
2	eiPn eiSn eiSg	09 31 21.0 C 32 04.9 21.8	e? 31:20. Traces. $\Delta = 400$ km. ~ 3.6 dg.
2	e?(Pn) eSg	15 56 47.2 57 15.5	Traces. $\Delta = 205$ km. ~ 1.8 dg.
3	ePg eiSg	07 32 22.0 28.5	Traces. $\Delta = 50$ km. ~ 0.5 dg.
3	ei(Sg)	08 01 25.7	Traces.
3	eiPn eiSn eiSg	08 08 39.4 57.6 59.9	Traces. $\Delta = 160$ km. ~ 1.4 dg.
3	ei(Sg)	12 49 28.6	Traces.
3	eiPn eiSn eiSg	14 30 50.6 31 19.7 26.3	Traces. $\Delta = 250$ km. ~ 2.2 dg. Aftershock. Felt, in Acarnania (IV+ at Phytiae).
3	ei(Sg)	14 36 12.2	Traces.
3	eiPg eiSn eiSg	17 39 37.3 59.4 40 05.1	Traces. $\Delta = 240$ km. ~ 2.2 dg. Aftershock. Felt, in Acarnania (IV at Katouna, Phytiae).
4	e(Sg)	05 16 22.9	Traces. Felt, on Skopelos Island (IV+ at Skopelos).

Date	Phase	Time	Additional Readings and Remarks
Nov. 4	ei(Sg)	07 49 44.1	Traces.
4	ei(Sg)	10 03 10.1	Traces.
4	ei(Sg)	12 38 52.3	Traces.
4	e(Sg)	12 54 35.5	Traces.
4	iPg eiSg eiSgPnPg	14 14 25.7 30.8 31.8	Weak. $\Delta = 40$ km. ~ 0.4 dg. Felt in Attica (IV at Markopou- lon-Oropou).
4	eiPg eSg	14 22 06.0 13.2	Traces. $\Delta = 55$ km. ~ 0.5 dg.
4	eiPn eiSn eiSg	14 59 17.2 58.0 15 00 13.5	Traces. $\Delta = 375$ km. ~ 3.4 dg.
4	eiPn eiSg	18 28 48.5 29 15.6	Traces. $\Delta = 200$ km. ~ 1.8 dg. Felt in Achaia (IV+ at Drepanon).
5	iPn eiSg	00 16 43.6 D 17 15.3	Weak. $\Delta = 225$ km. ~ 2 dg. Felt in Messenia (IV+ at Charo- kopian, IV at Chrysokelaria).
5	ePg eiSg	05 17 18.0 35.1	Traces. $\Delta = 135$ km. ~ 1.2 dg. Felt on Skopelos Island (IV+ at Skopelos).
5	eiPg eiPgPg eiSg	08 00 54.0 55.5 C 01 10.8	Traces. $\Delta = 140$ km. ~ 1.3 dg.
5	e(Sg)	13 34 02.1	Traces.
5	ePg eiPgPg eiSg	13 55 09.3 13.4 14.1	Traces. $\Delta = 35$ km. ~ 0.3 dg.

Date	Phase	Time	Additional Readings and Remarks.
Nov. 6	eiPg eiPgPg eiSg	06 44 17.3 20.8 22.5	Traces. $\Delta = 40$ km. ~ 0.4 dg. Felt in Attica (III at Kalamos).
6	iPg eiSg	07 17 23.6 C 28.5	Weak. $\Delta = 40$ km. ~ 0.4 dg.
6	iPg eiSg	07 31 04.9 C 10.9	Traces. $\Delta = 45$ km. ~ 0.4 dg.
6	ei(Sg)	11 42 01.1	Traces.
6	eiPn eiSn eiSg	13 34 09.1 30.3 34.9	Traces. $\Delta = 195$ km. ~ 1.8 dg.
6	e?	18 48 25.0	ei 49:00. Traces.
6	iPg eiSg eiSgPg	23 26 20.6 C 24.9 27.3	Weak. $\Delta = 30$ km. ~ 0.3 dg.
6	eiPg eiSg eiSgPg	23 29 19.5 24.7 26.2	Traces. $\Delta = 40$ km. ~ 0.4 dg. Felt in Attica (V+ at Markopou- lon-Oropou, IV at Kalamos).
7	ePn eiPgPg eiSn eiSg	00 41 33.1 36.0 54.2 58.8	Traces. $\Delta = 195$ km. ~ 1.8 dg.
7	ePn eSn eiSb	02 12 56.0 13 23.8 26.6	Traces. $\Delta = 240$ km. ~ 2.2 dg. Aftershock. Felt in Acarnania (V at Katouna, IV at Phytiae).
7	iPg eiPgPg eiSg eiSgPg	07 21 48.1 C 52.3 53.6 54.7	Traces. $\Delta = 40$ km. ~ 0.4 dg.
7	ePn eiPgPg eiSg	07 50 16.6 C 19.9 43.2	Traces. $\Delta = 200$ km. ~ 1.8 dg.

Date	Phase	Time	Additional Readings and Remarks.
Nov. 8	ei(Sg)	07 51 20.2	Traces.
8	ei(Sg)	08 41 00.1	Traces.
8	ei(Sg)	11 23 22.2	Traces.
8	ei(Sg)	14 13 52.6	Traces.
8	ePn eiSg eiSgSg	19 32 40.5 33 05.0 07.4	Traces. $\Delta=185$ km. ~ 1.7 dg.
9	eiPg eiSg	03 25 41.6 46.9	Traces. $\Delta =35$ km. ~ 0.3 dg.
9	ei(Sg)	03 38 28.2	Traces. Felt. in Florina (IV at Lechoron).
9	ei(Sg)	08 43 46.0	Traces.
9	e(Sg)	09 33 54.5	Traces.
9	e(Pg) ei(Sg)	12 05 31.0 33.5	Traces. $\Delta =20$ km. ~ 0.2 dg.
9	ei(Sg)	13 05 41.0	Traces.
9	ei(Sg)	13 47 21.9	Traces.
9	e	14 22 16.4	Traces.
9	eiPg eiSn eiSg	22 40 48.8 41 12.3 19.6	e 40:44. Traces. $\Delta =260$ km. ~ 2.3 dg.
10	ePn eiSg	01 44 01.3 D 36.8	Traces. $\Delta =250$ km. ~ 2.2 dg. Felt. on Cephalonia Island (IV+ at Sami, Spartiae, III at Argostoli).
10	ei(Sg)	07 14 16.3	Traces.

Date	Phase	Time	Additional Readings and Remarks.
Nov. 10	ei(Sg)	08 33 21.5	Traces. Felt. in Leros Island (IV at Leros).
10	e(Sg)	09 43 58.6	Traces.
10	ePn eiPgPg eiSg	10 38 03.4 06.6 30.6	Traces. $\Delta=205$ km. ~ 1.8 dg.
10	ei(Sg)	10 58 30.9	Traces.
10	ei(Sg)	12 29 30.8	Traces.
10	ePn eiPg eiSn eiSgSg	13 37 56.6 58.9 38 18.4 25.7	Traces. $\Delta =205$ km. ~ 1.8 dg.
10	e?(Pn) e(Sg)	17 56 27.5 57 17.5	Traces. $\Delta=335$ km. ~ 3 dg.
11	ei(Sg)	04 38 28.6	Traces.
11	ei(Sg)	04 58 43.3	Traces.
11	eiPg eiPgPg eiSg eiSgSg	06 05 24.8 C 26.3 40.6 43.2	Traces. $\Delta=130$ km. ~ 1.2 dg.
11	ei(Sg)	08 15 28.8	Traces.
11	ei(Sg)	11 09 30.5	Traces.
11	e	13 49 33.9	Traces.
11	e	23 17 10.9	Traces.
12	ePn eiSn eiSg	01 52 48.1 53 16.0 21.1	Traces. $\Delta=235$ km. ~ 2.1 dg.

186.

Date	Phase	Time	Additional Readings and Remarks.
Nov. 12	ePn eiPg	07 30 53.4 31 17.7	Traces. $\Delta=185$ km. ~ 1.7 dg.
12	ePg eiSgPnPg eiSg	12 51 24.8 29.4 35.5	Traces. $\Delta=85$ km. ~ 0.8 dg.
12	e?Pn eiSn eiSg	14 26 26.6 48.0 52.7	Traces. $\Delta=200$ km. ~ 1.8 dg.
12	iPg eiSg	14 57 23.1 46.5	Traces. $\Delta=190$ km. ~ 1.7 dg.
12	ePg iPn eiSg eiSgSg	21 25 51.8 52.9 26 06.9 08.8	Traces. $\Delta=110$ km. ~ 1 dg.
12	e?(Pg) eiSg	22 11 39.8 53.3	Traces. $\Delta=110$ km. ~ 1 dg.
12	ePg eiSg	22 33 08.5 B 15.7	Traces. $\Delta=55$ km. ~ 0.5 dg.
13	e?(Pn) eiSb eiSg	02 10 42.3 11 11.8 14.8	Traces. $\Delta=235$ km. ~ 2.1 dg.
13	e	04 47 54.0	Traces.
13	ePg eiSg	05 18 10.8 22.3	Traces. $\Delta=90$ km. ~ 0.8 dg.
13	ei(Sg)	06 42 33.2	Traces.
13	eiPn iPgPg eiSn eiSgSg	08 27 27.0 C 27.8 D 42.8 45.9	Traces. $\Delta=135$ km. ~ 1.2 dg.

187.

Date	Phase	Time	Additional Readings and Remarks.
Nov. 13	e	09 04 27.2	Traces.
13	ePn eiPb iSb iSg	09 42 01.0 C 02.5 25.8 27.6	Very weak. $\Delta=200$ km. ~ 1.8 dg.
13	ei(Sg)	10 18 54.8	Traces. Felt. on Alonisos Island (II+ at Alonissos).
13	ePn eiPg eiSn eiSb eiSg	10 53 06.9 11.4 33.4 35.5 37.9	Traces. $\Delta=225$ km. ~ 2 dg.
13	ei(Sg)	13 41 58.9	Traces.
13	ePn ei(PgPg) eiSgPg eSn eiSgSg	21 57 23.7 C 25.6 29.4 42.7 47.6	Traces. $\Delta=165$ km. ~ 1.5 dg.
14	ePn eiPb eiSb eiSg	18 28 50.3 C 53.5 29 26.2 30.9	Traces. $\Delta=280$ km. ~ 2.5 dg. Felt on Cephalonia Island (V at Sami, IV+ at Lixouri, Spartiae, Skala, Vlachata, IV at Digaletton, Charaktion).
15	ePn eiPgPg iSg	07 03 56.0 57.9 04 17.1	Traces. $\Delta=165$ km. ~ 1.5 dg.
15	ei	09 07 53.9	Traces.
15	ePn eiPg eSg	20 49 00.3 C 08.9 43.3	Weak. $\Delta=290$ km. ~ 2.6 dg.

Date	Phase	Time	Additional Readings and Remarks.
Nov. 16	ePn eiSg	02 42 13.6 54.5	Traces. $\Delta=280$ km. ~ 2.5 dg. Felt on Leukas Island (IV at Leukas).
16	ePn eiSn eiSg	05 45 43.4 46 15.6 24.1	Traces. $\Delta=280$ km. ~ 2.5 dg.
16	e	12 07 43.6 C	Traces.
16	ei(Sg)	18 04 46.8	Traces.
17	ePg eiSg	08 45 49.9 58.1	Traces. $\Delta=65$ km. ~ 0.6 dg.
17	ei(Sg)	08 49 58.4	Traces.
17	ePg eiSgPnPg eiSg	11 59 03.3 06.7 18.6	Traces. $\Delta=120$ km. ~ 1.1 dg.
17	iPg eiSg	13 20 32.7 D 37.3	Traces. $\Delta=30$ km. ~ 0.3 dg.
17	eiPg eiSg eiSgPg	17 08 36.1 C 41.5 42.4	Traces. $\Delta=40$ km. ~ 0.4 dg.
17	eiPg eiPn eiSg	18 01 20.6 22.0 33.5	Traces. $\Delta=105$ km. ~ 0.9 dg.
18	e(Sg)	10 28 07.7	Traces.
18	ePn eiSb eiSg	10 42 28.9 54.7 56.8	e?42:28. Traces. $\Delta=205$ km. ~ 1.8 dg.
18	ei(Sg)	13 16 10.7	Traces.

Date	Phase	Time	Additional Readings and Remarks.
Nov. 18	iPn eiSgPg eiSn eiSg	13 27 08.4 15.8 31.4 37.9	Traces. $\Delta=215$ km. ~ 1.9 dg.
18	ePn eiSn eiSg	16 47 03.2 C 29.6 34.0	Traces. $\Delta=225$ km. ~ 2 dg.
18	e?Pn eiPg eiSg	17 57 45.8 55.4 C 58 31.9	Traces. $\Delta=310$ km. ~ 2.8 dg.
19	eiPg eiPgPg eiSg eiSn	00 00 43.3 C 45.0 54.0 57.3	Traces. $\Delta=90$ km. ~ 0.8 dg.
19	ePg ePn eiSg eiSn	00 08 12.3 13.8 23.6 26.5	Traces. $\Delta=90$ km. ~ 0.8 dg.
19	iPg eiSgPg eiSg	04 12 42.4 C 47.3 58.5	Traces. $\Delta=130$ km. ~ 1.2 dg.
19	e?(Pn) ei(Sn) ei(Sg)	08 50 09.8 45.0 54.3	Traces. $\Delta=305$ km. ~ 2.7 dg.
19	eiPg eiPgPg eiSg	18 14 09.1 D 10.8 24.0	Traces. $\Delta=115$ km. ~ 1 dg.
19	ei(Sg)	18 43 07.9	Traces.
19	ePg eiPn eiPgPg eiSgPg eiSg	21 59 20.4 C 20.7 D 22.1 25.4 37.0	Traces. $\Delta=135$ km. ~ 1.2 dg.

Date	Phase	Time	Additional Readings and Remarks.
Nov. 19	e(Sg)	23 51 49.5	Traces.
20	ei(Sg)	00 11 05.5	Traces.
20	e(Sg)	00 22 14.5	Traces.
20	ei(Sg)	05 50 05.9	Traces.
20	ePn eiSg	17 36 42.9 37 21.4	Traces. $\Delta=270$ km. ~ 2.4 dg.
20	e	19 11 15.3	Traces.
20	e	19 29 51.1	Traces.
20	eiPn ei(Pb) iSg	20 27 43.3 44.8 28 07.7	Traces. $\Delta=185$ km. ~ 1.7 dg.
21	e	17 09 39.3	Traces.
21	ePg eiSgPg eiSg eiSn eiSgSg	18 10 53.0 D 57.8 11 06.2 08.1 09.7	Traces. $\Delta=110$ km. ~ 1 dg.
21	ePn e(Sn)	19 42 12.5 D 56.1	Traces. $\Delta=400$ km. ~ 3.6 dg. Near southwest coast of Turkey 36°8 N, 28°0 E. - H=19:41:11 (BCIS). Recorded up to 21°. Felt on the Island Rhodes (V at Rhodes, Maritsa, IV at Emponas), Symi (IV+ at Symi). Area of felt shaking about 13.000 km ² . M.M.=4.2
22	ei(Sg)	09 18 06.0	Traces.
22	ei	12 37 18.5	Traces.
22	e	14 03 27.7	Traces.

Date	Phase	Time	Additional Readings and Remarks.
Nov. 22	e	15 11 54.0	Traces.
22	ePn eiSg	22 41 50.9 42 14.3	Traces. $\Delta=180$ km. ~ 1.6 dg.
23	e	00 01 51.9	Traces.
23	ei(Sg)	00 19 36.2	Traces.
23	eiPn eiSg	00 20 24.7 21 04.2	Traces. $\Delta=275$ km. ~ 2.5 dg. Felt on Cephalonia Island (IV at Lixouri, Sami).
23	e?	01 28 59.5	Traces.
23	eiPn ePg eiSn eiSb	05 01 23.4 28.9 51.6 54.6	Traces. $\Delta=240$ km. ~ 2.2 dg.
23	e?(Pn) ei(Sg)	10 37 18.1 48.6	Traces. $\Delta=220$ km. ~ 2 dg.
23	ei(Sg)	11 16 04.1	Traces.
23	e(Sg)	13 26 42.3	Traces.
23	ePn eiSg	14 12 08.5 D 34.4	Traces. $\Delta=195$ km. ~ 1.8 dg.
23	ePn eiSn eiSg	17 17 15.8 C 47.1 50.4	Traces. $\Delta=245$ km. ~ 2.2 dg.
23	ePg eiSg	20 48 20.6 34.4	Traces. $\Delta=110$ km. ~ 1 dg.
23	ePn eiS _m	22 59 22.4 D 23 00 00.3	An=2.4 μ , Tn=2 sec. Ae=1.7 μ , Te= 1.2 sec. $\Delta=340$ km. ~ 3.1 dg. M= 4.2 (Athens).

Date	Phase	Time	Additional Readings and Remarks.
Nov, 23			Off south coast of Corfou Island about 39° N, 20° E. - H=22:58.6 (BCIS). Recorded up to 8°.
24	ePn eiSg	04 10 18.8 C 43.9	Traces. Δ=190 km. ~1.7 dg.
24	eiPg eiSg	04 50 28.6 D 52.3	Traces. Δ=195 km. ~1.8 dg.
24	ei(Sg)	07 26 27.2	Traces.
24	ei(Sg)	12 03 48.5	Traces.
24	e	12 38 35.5	Traces.
25	e	00 18 24.1	Traces.
25	ei(Sg)	08 44 18.8	Traces.
25	e	11 30 59.9	Traces.
25	iPb eiPg eiSn ei(Sb)	15 16 49.2 55.9 17 25.7 33.6	ei! 16:47. Traces. Δ=385 km. ~3.5 dg. Greece-Albania border about 40 ³ / ₄ N, 21° E. - H=15:15.8 (BCIS). Recorded up to 7°.
25	ePn eiPb eiPg eiSg	16 44 48.1 50.4 53.6 45 22.6	Traces. Δ=245 km. ~2.2 dg.
26	eiPn eiSg	02 53 20.0 D 54.5	ei 53:23 D, ei 53:27 C, ei 53:57 Traces. Δ=245 km. ~2.2 dg. West Greece about 38 ³ / ₄ N, 21 ¹ / ₄ E. - H=02:52.8. Very poorly recorded up to 13°.
26	e(Sg)	03 35 57.6	Traces.

Date	Phase	Time	Additional Readings and Remarks.
Nov. 26	ePn eiSg eiSgSg	03 07 04.9 23.9 26.5	Traces. Δ=155 km. ~1.4 dg.
26	eiPg eiPgPg iSg	04 05 51.5 D 53.8 C 06 03.0	Traces. Δ=90 km. ~0.8 dg.
26	ePg ei(PgPg) ei(SgPg) eiSg	09 31 18.7 21.0 24.1 30.5	Traces. Δ=95 km. ~0.9 dg.
26	e(Sg)	10 54 48.0	Traces.
26	ei(Sg)	18 37 51.0	Traces.
26	ePn eiSgPnPg iSg	23 24 32.5 35.1 54.3	Traces. Δ=170 km. ~1.5 dg.
27	eiPn eiSg	04 40 24.0 41 11.3	Traces. Δ=320 km. ~2.9 dg.
27	ePb eiSb	05 16 56.5 17 35.8	Traces. Δ=340 km. ~3.1 dg. Off southwest coast of Crete Island, about 35° N, 22 ³ / ₄ E. - H=05:16.0 (BCIS).
27	ei(Sg)	08 43 50.3	Traces.
27	ei(Sg)	11 05 11.0	Traces.
27	e(Sg)	11 38 54.5	Traces.
27	eiPn eiSg	12 12 27.8 C 49.5	Traces. Δ=170 km. ~1.5 dg.
27	ei(Sg)	12 39 19.7	Traces.
27	ei(Sg)	13 20 03.1	Traces.

Date	Phase	Time	Additional Readings and Remarks.
Nov. 27	ei(Sg)	13 38 50.1	Traces.
28	ePn eiPg eiSb eiSg	00 40 29.7 32.3 52.4 54.0	Traces. $\Delta=185$ km. ~ 1.7 dg.
28	ePn ePgPg eiSg	00 45 55.7 58.7 46 20.0	Traces. $\Delta=190$ km. ~ 1.7 dg.
28	ei(Sg)	06 37 29.3	
28	eiPn eiSn	08 59 22.3 54.7	<p> $An=34\mu$, $Tn=1.9$ sec., $Ae=27\mu$, $Te=1.4$ sec., $\Delta=280$ km. ~ 2.5 dg. $M=5.3$ (Athens). North Lesbos Island $39^{\circ}5$ N, $26^{\circ}3$ E. - $H=08:58:37$ (BCIS) Recorded up to 94°. Probably intermediate shock on the north coast of the Edremit bay, in Asia Minor, felt on the Island Lesbos (IV+ at Anemotia, Mesotopos, Stypsi, Mytelene, IV at Mithymna, Vrissa, III+ at Ste. Paraskevi, Aghiassos, III at Eressos, Ipios, Tsoukalochori, Vattousa, Kalloni, Loutra, Palaeokipos, II+ at Kerami), Lemnos (IV+ at Kontopoulion, Myrina, Kontia, IV at Atsiki), Samothraki (IV+ at Samothraki), and St.-Eustratios (II+ at St.-Eustratios). Further it was felt in the regions of Evros (IV+ at Anthia, Loutra, IV at Sykorachi, Soufli, Peplon, Didymotichon, Avantos, Hellinochori, Paliouri, Adranion, III at Asproreneri, Alexandroupolis, Prangion, Mani, II+ at Makri, Zoni, Pherae), Rhodope (IV+ at Komotini, IV at Proskynites, Kos- </p>

Date	Phase	Time	Additional Readings and Remarks.
Nov. 27			<p> mion, Arisvi, Miranae, III at Maronia, Lophari, II+ at Strymi), Xanthi (IV at Xanthi, Neochori, Nea-Kessani, III at Avdira. The shock was reported from western Turkey (felt at Dikili, Ayralik, Ayvacik, Edremit), Not felt at Palaechori, Parakila, Skoutaros, Kapi, Antissa, Polychnitos, Petra, Philia, Papado- Messagros, Papados, Mandamatos (of Lesbos), Assimenion, Thourion, Lavara, Metaxades, Ormenion (of Evros), Trilorion, Iasmos, Kavakli, Polyanthos, Salpi, Sapae (of Rhodopi), Daphnonas, Diomidia, Evlalos, Eymiros, Polysiton (of Xanthi). Area of felt shaking about $150,000$ km². $M.M.=5.7$. Focal depth about 70 km. </p>
28	ei(Sg)	09 58 00.4	Traces.
28	ei(Sg)	12 42 43.7	Traces.
29	ePn eiSg eiSgSg	01 47 50.20 48 14.3 16.6	Traces. $\Delta = 185$ km. ~ 1.7 dg.
29	ei(Sg)	06 50 10.1	Traces.
29	e(Sg)	07 28 08.5	Traces.
29	eiPg eiSgPnPg eiSgPg eiSg eiSgSg	07 46 52.8D 54.5C 57.6 47 14.1 16.2	Traces. $\Delta=175$ km. ~ 1.6 dg. Felt in Larisa (IV+ at Pharsala).
29	ei(Sg)	07 55 56.6	Traces.
29	ei	11 05 07.0	Traces.

Date	Phase	Time	Additional Readings and Remarks.
Nov. 29	ePg eiSg	11 34 04.6 12.7	Traces. $\Delta=65$ km. ~ 0.6 dg.
29	e	11 39 56.7	Traces.
29	ei(Sg)	11 44 39.5	Traces.
29	ei(Sg)	12 25 05.2	Traces.
29	e(Sg)	13 21 03.3	Traces.
29	e(Sg)	13 51 27.8	Traces.
29	ePg eiPgPg eiSg	06 11 51.4 D 53.9 12 00.5	Traces. $\Delta=70$ km. ~ 0.6 dg.
30	e	06 53 18.2	Traces.
30	e(Sg)	07 26 59.2	Traces.
30	e	08 09 34.4	Traces.
30	e(Pg) ei(Sg)	09 52 06.4 11.8	Traces. $\Delta=45$ km. ~ 0.4 dg.
30	e(Pg) ei(Sg)	12 24 00.2 04.9	Traces. $\Delta=45$ km. ~ 0.4 dg.
30	e(Pg) ei(Sg)	12 44 05.1 12.0	Traces. $\Delta=55$ km. ~ 0.5 dg.
30	eiPg eiSg	12 44 35.9 43.6	Traces. $\Delta=65$ km. ~ 0.6 dg.
30	ei(Sg)	13 15 09.0	Traces.
30	e(Pg) ei(Sg)	13 43 00.0 05.6	Traces. $\Delta=45$ km. ~ 0.4 dg.
30	e	16 50 53.0	Traces.

Date	Phase	Time	Additional Readings and Remarks.
Nov. 30	eiPn eiPb eiSg	22 11 24.8 26.3 52.4	Traces. $\Delta=205$ km. ~ 1.8 dg.
Dec. 1	e	02 44 28.6	Traces.
1	ei(Sg)	09 02 13.7	Traces.
1	ei	09 15 08.1	Traces.
2	eiPg eiPn eiPgPg iSgPnPg eiSn eiSgSg	01 43 52.9 D 54.2 D 54.7 C 56.8 44 08.2 09.7	Traces. $\Delta=110$ km. ~ 1 dg. Felt on Alonissos Island (III at Alonissos).
2	ePg eiSgPnPg eiSg	03 32 19.6 25.2 27.0	e? 32:18. Traces. $\Delta=60$ km. ~ 0.6 dg. Felt in Corinthia (V at Isthmia, IV at Corinth).
2	ePg eiSgPg eiSg eiSgSg	03 46 49.6 D 55.2 57.2 47 02.2	Traces. $\Delta=60$ km. ~ 0.6 dg. Felt in Corinthia (V at Isthmia, IV at Corinth).
2	ei(Sg)	04 39 59.9	Traces. Felt in Acarnania (V+ at Archontochori, IV+ at Phytiae).
2	e	10 59 37.0 D	Traces.
2	ei(Pg) iSgPnPg eiSg eiSgSg	11 18 18.1 D 21.6 C 33.2 35.8	Traces. $\Delta=120$ km. ~ 1.1 dg.
3	e	02 32 53.2	Traces.
3	ePg ePgPg eiSg	03 32 21.3 22.6 38.1	Traces. $\Delta=135$ km. ~ 1.2 dg.

198.

Date	Phase	Time	Additional Readings and Remarks.
Dec. 3	eiPn eiPb eiSn eiSb eiSg	04 31 59.8 D 32 03.1 D 30.4 34.1 38.1	Traces. $\Delta=265$ km. ~ 2.4 dg.
3	ePn ei(Pg) eiSn eiSg	05 43 09.7 29.3 44 03.6 28.6	ei 4331, ei 4335, ei 4350. Traces $\Delta=505$ km. ~ 4.5 dg. Probably 35° N, 28° E. - After BCIS. Off south coast of Turkey about 35° N, 29° ¹ / ₄ E. - H=05:42.0. Poorly recorded up to 19°.
3	e?(Pn) eiSg	08 44 46.4 45 28.5	Traces. $\Delta=290$ km. ~ 2.6 dg.
3	ePg ePn eiSg	13 30 52.2 54.4 31 02.7	Traces. $\Delta=85$ km. ~ 0.8 dg.
3	eiPg eiSgPnPg eiSg	19 27 51.0 C 55.6 28 01.9	Traces. $\Delta=85$ km. ~ 0.8 dg.
3	ePn eiPb eiPg iSb iSg	19 32 05.5 C 08.3 C 12.2 C 39.6 43.2	Very weak. $\Delta=265$ km. ~ 2.4 dg. Felt on the Islands Cephalonia (V at Lixouri, Sami, Poros, Spartiae, IV+ at Argostoli, Moussata, Digaleton, IV at Vlachata), Zante (IV at Volimae) and (Ithaca (III at Ithaca).
3	ePn ePb eiPg eiSn	19 36 09.3 C 12.1 C 15.4 C 39.0	Traces. $\Delta=260$ km. ~ 2.3 dg. Felt on the Islands Cephalonia (V at Sami, IV+ at Argostoli, Moussata, Spartiae, IV at Lixouri, III+ at Vlachata), and Ithaca (III at Ithaca).
3	ePn eiSn eiSg	21 31 38.9 C 32 09.4 16.9	Traces. $\Delta=265$ km. ~ 2.4 dg.

.199.

Date	Phase	Time	Additional Readings and Remarks
Dec. 4	e?(Pn) eiPg eiSn eiSg	01 25 23.0 30.0 C 54.3 26 02.1	Traces. $\Delta=270$ km. ~ 2.4 dg.
4	e	09 54 28.6	Traces.
4	e	12 41 14.3	Traces.
4	ei(Sg)	14 16 17.2	Traces.
4	ei(Sg)	15 11 37.1	Traces.
4	ei(Sg)	15 23 23.3	Traces.
4	eiPg ei(PgPg) eiSg	17 07 21.1 D 22.4 C 36.8	Traces. $\Delta=130$ km. ~ 1.2 dg.
4	e	23 28 55.2	Traces.
5	e	08 06 53.8	Traces.
5	eiPn eiPg eiSn eiSg	08 29 52.8 C 54.0 C 30 13.3 16.5	Traces. $\Delta=185$ km. ~ 1.7 dg.
5	ei(Sg)	08 48 57.3	Traces.
5	eiPn ei(Sg)	12 41 58.3 C 42 59.4	Traces. $\Delta=400$ km. ~ 3.6 dg.
5	ei	14 02 11.5	Traces.
5	e?(Pn) eiPg eiSn eiSb eiSg	22 34 41.5 48.5 35 13.1 16.7 21.4	Traces. $\Delta=275$ km. ~ 2.5 dg.

200.

Date	Phase	Time	Additional Readings and Remarks.
Dec. 6	e(Pg) eiSg	06 33 56.0 C 34 01.8	Traces. $\Delta=45$ km. ~ 0.4 dg.
6	ePg eiSg	07 06 17.6 C 24.3	Traces. $\Delta=50$ km. ~ 0.5 dg.
6	ePg eiSg	07 55 33.6 C 40.1	Traces. $\Delta=50$ km. ~ 0.5 dg.
6	ei(Pn) ei(Pg) eiSn eiSg	08 32 12.2 C 18.3 D 40.6 47.3	e? 31:57. Traces. $\Delta=250$ km. ~ 2.3 dg.
6	ei(Sg)	11 01 30.6	Traces.
6	eiPg eiSgPg eiSg	11 36 47.6 C 49.6 58.2	Traces. $\Delta=85$ km. ~ 0.8 dg.
6	eiPg eiPn eiSg	12 35 09.1 12.1 D 16.4	Traces. $\Delta=55$ km. ~ 0.5
6	eiPg eiSg	13 08 29.6 C 33.8	Traces. $\Delta=30$ km. ~ 0.3 dg.
6	ePg eiSg	13 39 59.7 40 04.6	Traces. $\Delta=35$ km. ~ 0.3 dg.
6	e?	14 56 46.7	Traces.
7	ei(Sg)	05 29 58.8	Traces.
7	e?	08 30 34.0 D	ei 3035 C, Traces.
7	ePg eiPgPg eiSg eiSn	08 52 42.0 D 43.5 C 55.0 56.6	Traces. $\Delta=105$ km. ~ 0.9 dg.

201.

Date	Phase	Time	Additional Readings and Remarks.
Dec. 7	ei (Sg)	10 59 28.6	Traces.
7	e?	12 37 39.7	ei 3741 C. Traces.
7	e?(Pn) eiPg eiSn eiSb	17 33 55.0 34 06.0 D 33.7 40.4	Traces. $\Delta=350$ km. ~ 3.2 dg.
8	e	07 12 53.1 C	Traces.
8	e(Sg)	09 31 46.1	Traces.
8	ei(Sg)	11 31 16.6	Traces.
8	ePg eiSg eiSn	18 01 22.1 D 36.7 37.6	Traces. $\Delta=120$ km. ~ 1.1 dg.
8	eiPg eiPn eiSn eiSgSg	19 49 28.4 C 29.5 D 43.6 45.5	Traces. $\Delta=115$ km. ~ 1 dg.
8	eiPg eiPn eiPgPg eiSn	19 53 28.3 C 28.5 C 29.8 D 44.2	Traces. $\Delta=130$ km. ~ 1.2 dg.
9	ePg eiSg	08 12 51.0 57.2	Traces. $\Delta=45$ km. ~ 0.4 dg.
9	eiPg eiSg	09 08 15.2 21.3	Traces. $\Delta=45$ km. ~ 0.4 dg.
9	eiPg eiSg	09 47 15.6 C 21.8	Traces. $\Delta=45$ km. ~ 0.4 dg.
9	eiPg eiSg	10 47 33.9 40.3	Traces. $\Delta=45$ km. ~ 0.4 dg.

Date	Phase	Time	Additional Readings and Remarks.
Dec. 9	e	11 21 42.1	Traces.
9	ei(Sg)	13 31 23.5 D	Traces,
9	ei(Sg)	14 04 53.7	Traces.
10	eiPg eiSgPnPg eiSn eiSgSg	01 28 15.7 C 18.2 C 32.4 35.8	Traces. $\Delta = 145$ km. ~ 1.3 dg.
10	eiPg eiSgPnPg eiSg ei(Sn)	03 27 54.8 C 58.3 D 28 08.8 09.9	Traces. $\Delta = 115$ km. ~ 1 dg.
10	ePg eiSg	08 06 13.7 D 20.1	Traces. $\Delta = 45$ km. ~ 0.4 dg.
10	ePn eiSb	08 40 05.3 41 01.6	ei! 40:06 D. $A_n = 4\mu$, $T_n = 2$ sec. $A_e = 7\mu$, $T_e = 3.6$ sec. $\Delta = 425$ km. 3.8 dg. $M = 4.6$ (Athens). Off south coast of Crete Island 34.6 N, 26°0 E. - $H = 08:39:03.6$; h about 17 km. (USCGS). $M = 4.1$ (Moscow). Recorded up to 87°, poorly up to 125°
10	eiPg eiPgPg eiSg	09 40 14.7 D 18.3 20.8	Traces. $\Delta = 45$ km. ~ 0.4 dg.
10	ei(Sg)	10 36 32.7	Traces.
10	e(Pg) eiSg	11 08 25.7 31.7	Traces. $\Delta = 45$ km. ~ 0.4 dg.
10	ePg eiSg	11 38 01.3 07.5	Traces. $\Delta = 45$ km. ~ 0.4 dg.
10	e	12 08 32.9	Traces.

Date	Phase	Time	Additional Readings and Remarks.
Dec. 10	ePg eiSn eiSg	12 24 01.3 C 18.1 19.7	Traces. $\Delta = 150$ km. ~ 1.4 dg.
10	i!Pg ei(Sg)	17 18 42.9 D 44.5	Traces. Local shock
11	ei(Sg)	09 28 42.7	Traces.
11	ei(Sg)	14 31 59.9	Traces.
11	ePn iPg iSn	16 53 39.5 C 40.7 C 58.8	$A_n = 43\mu$, $T_n = 1.8$ sec., $A_e = 41\mu$, $T_e =$ 2.4 sec. $\Delta = 175$ km. ~ 1.6 dg. $M =$ 5.1 (Athens). Off south east coast of Peloponnesus 36°4 N, 23.6 E. - $H = 16:53:06.4$; h about 33 km. (USCGS). Recorded up to 96°. Felt in Laconia (IV+ at Assopos, IV at Sykea), Attica (IV+ at Dryopi, IV at Athens, Nea Ionia, Galatsi, Galatas, St.-Jean-Rentis, Avlom, Eleusis, III at Daphni, Keratea, Kiphis- sia, Cholargos, Nea Chalkidon, Stamata, Nea-Peramos, Nea-Pala- tia, Capandriti, Nea-Makri, Pae- ania, II+ at St.-Demetrius, Ko- ropi), Messenia (III at Arpha- ra), Argolis (III at Karya), and on the Islands of Crete (IV at Chania), Hydra (III+ at Hydra), Kythnos (III at Kythnos), Sala- mis (III at Salamis), Kythera (III at Kythera). Not felt at Kalamaki, Aspropyrgos, Mandra, Chalandri, Lavreatiki, Spata (of Attica). Area of felt shak- ing about 135,000 km. $M = 5.7$. Focal depth about 23 km.
11	ePg eiSg	20 52 00.8 21.5	Traces. Aftershock. $\Delta = 170$ km. ~ 1.5 dg.

Date	Phase	Time	Additional Readings and Remarks.
Dec. 12	ePn	04 38 08.1	Traces. $\Delta=600$ km. ~ 5.4 dg. Albania-Yougoslavia border $42^{\circ}2' N$, $19^{\circ}3' E$. - H=04:36:43 (BCIS). Poorly recorded up to 12° .
12	e	11 02 36.8	Traces.
12	ei(Sg)	12 33 45.2	Traces.
12	e?Pn ePg ei(Sg)	12 55 16.3 D 17.5 38.9	Traces. $\Delta=175$ km. ~ 1.6 dg. Felt in Achaia (IV at Patras).
12	e	23 24 55.0 D	Traces.
12	ei(Pg) ei(Sg)	23 39 34.3 D 35.5	Traces. Local shock.
13	ei(Sg)	07 02 10.9	Traces.
13	ei(Pn) eiPb eiSn eiSg	07 17 08.1 D 11.8 C 42.9 54.9	Traces. $\Delta=320$ km. ~ 2.9 dg.
13	ei(Sg)	08 31 24.9	Traces.
13	ePn eiPg iPgPg eiSg	09 49 34.6 C 34.9 36.2 53.4	Traces. $\Delta=150$ km. ~ 1.4 dg.
13	ei(Sg)	10 48 01.2	Traces.
13	eiPg iISg	17 35 38.8 50.1	An=38 μ , Tn=2.8 sec. Ae=36 μ , Te=2.4 sec. $\Delta=90$ km. ~ 0.8 dg. M=4.7 (Athens). Boetia $38^{\circ}5' N$, $23^{\circ}0' E$. - H=17:35:24 (BCIS). Poorly recorded up to 23° . Felt in Boetia (VI at Kapareli, St.-Trias, Thisvi, V+ at Koryni,

Date	Phase	Time	Additional Readings and Remarks.
Dec. 13			V at St.- George Mavromati, Pannaghia, Thebes, Kyriakion, Plateae, Alkomenae IV at Vaghiae, Orchomenos, Akraephnion, Distomon, Davlia, Levadia, Leondari, St.- Demetrius, Leuktrae, III+ at St.- Thomas, III at Assopia, St.- Vlasios), Attica (V at St.- Anarghyroe, Dryopi, Tavros, IV at Athens, Megara, Mandra, Nea Ionia, Nea-Philadelphia, Neon Phaliron, Kaesariani, Eleusis, Avlon, Galatsi, Piraeus, Paeania III at Kalamaki, Nea-Makri, St.- Stephanos, Kapandriti, Erythrae, Korydalos, Stamata, Cholargos, Chalandri, II+ at Daphni) Phokis (IV at Itea, III at Ste.- Euthimia, Crisson, Desphina, II+ at Polydroson), Corinthia (IV at Athikia, Assos, Vrachati, Velon, III+ at Sikyon) and on the Islands of Euboea (IV at Psachna, St.- Nicolaos, II+ at Eretria), Hydra (III at Hydra), Salamis (III at Salamis) and Aeghina (II+ at Aeghina). Not felt at Adpropyrgos, Vouliagmeni, Grammatikon, Drapetsona, Keratea, Kiphissia, Lavreotiki, Palaeon-Phaliron, Spata (of Attica), Amphissa, Lidoriki, Galaxidi, (of Phokis), Isthmia, Dervenii (of Corinthia). Macroseismic Epicenter about $38^{\circ}1/4' N$, $23^{\circ} E$. Area of felt shaking about 20,000 km ² . M.M.=4.7. Focal depth about 20 km.
13	ePg eiSgPg eiSg	17 39 54.3 59.4 40 05.0	Traces. $\Delta=85$ km. ~ 0.8 dg.

206.

Date	Phase	Time	Additional Readings and Remarks.
Dec. 13	e?(Pn) eSgPg eiSn eiSg eiSgSg	18 03 02.1 07.7 C 20.6 22.8 25.3	Traces. $\Delta=160$ km. ~ 1.4 dg.
13	eiPg eiPn eiSg	18 11 28.4 C 29.0 C 38.9	e? 11:28. Traces. $\Delta=85$ km. ~ 0.8 dg.
13	eiPg eiSg eiSgSg	19 49 43.2 C 53.8 57.5	Traces. $\Delta=85$ km. ~ 0.8 dg.
14	ei(Sg)	07 49 26.0	Traces.
14	ei	11 57 23.2	Traces.
14	ePn ePg eiSn eiSg	18 45 56.3 46 10.3 41.0 58.9	Traces. $\Delta=410$ km. ~ 3.7 dg.
14	ePg eiSg	23 54 31.5 35.2	Traces. $\Delta=25$ km. ~ 0.2 dg.
15	eiPn eiPg eiSn eiSb eiSg	04 47 14.7 D 18.6 D 39.7 41.0 43.3	Traces. $\Delta=210$ km. ~ 1.9 dg. Felt in Elis (V at Letrinoe Amalias, Chavari, III+ at Mazaraki) and on Cephalonia Island (IV at Sami).
15	ei(Sg)	08 18 48.2	Traces.
15	ePn eSn eiSg	22 04 02.0 D 47.3 05 06.4	An=5 μ , Tn=3.2 sec. Ae=7 μ , Te=4.0 sec., $\Delta=420$ km. ~ 3.8 dg. M=4.8 (Athens). Off south Crete Island 34.3° N, 24.8° E. - H=22:03:04.1, h about 33 km. (USCGS). Recorded up to 26°. Very poorly up to 90°. Felt on Crete Island, particularly

Date	Phase	Time	Additional Readings and Remarks.
Dec. 15			in Heraklion (VI+ at Pitsidia, V at Charakas, IV at Pyrgos, Ampelouzos, St.-Myron, III+ at Heraklion, Zaros), Rethymnon (V at Gazaros, IV at Melampae, Argyroupolis) and Chania (III+ at Kalyvae, Chania). Macroseismic Epicenter 35° N, 24° ³ / ₄ E. Area of felt shaking about 60,000 km ² . M.M.=5.4. Focal depth about 20 km.
16	ePn eiSn	00 18 29.1 19 14.9	Traces. Aftershock. $\Delta=420$ km. ~ 3.8 dg.
16	ei(Sg)	06 47 43.8	Traces.
16	ePn eiSb	08 33 55.1 34 48.3	Traces. Aftershock. $\Delta=400$ km. ~ 3.6 dg.
16	ePn eiSn	10 32 31.4 33 16.5	Traces. Aftershock. $\Delta=415$ km. ~ 3.7 dg.
16	e	11 56 44.4	Traces.
16	ei(Sg)	11 57 29.5	Traces.
17	e	11 50 55.7	Traces.
17	ePn eSb eiSg	12 34 39.8 D 35 10.3 13.4	Traces. $\Delta=240$ km. ~ 2.2 dg.
17	e(Pn)	13 13 11.3 D	Traces. Felt in Jannina (IV at Konitsa).
17	ePb eiPg eSn eiSg	15 10 01.9 C 05.8 C 29.1 36.2	e 10:00.6. Traces. $\Delta=260$ km. ~ 2.3 dg.

Date	Phase	Time	Additional Readings and Remarks.
Dec. 17	ei(Sg)	17 21 42.3	Traces.
17	e(Pn)	22 23 39.6	e? 23:32. Traces. $\Delta=170$ km. ~
	e(Sn)	58.9	1.5 dg.
	e(Sg)	24 01.5	
18	ePn	09 09 17.2 D	Traces. $\Delta=300$ km. ~ 2.7 dg.
	eiPb	21.3 C	
	eiPg	25.8 D	
	eiSb	56.6	
	eiSg	10 01.5	
18	ePn	13 14 33.8 C	Traces. Foreshock. $\Delta=310$ km. ~
	eiPb	38.1	2.8 dg.
	eiSg	15 19.5	
18	eiPn	21 36 21.3 D	$A_n=21\mu$, $T_n=3.0$ sec. $A_e=24\mu$, $T_e=$
	ePg	30.6	2.0 sec. $\Delta=315$ km. ~ 2.8 dg. $M=$
	eiSn	56.6	5.1 (Athens); Off west coast of
			Cephalonia Island $38^{\circ}4$ N, $20^{\circ}2$ E. -
			$H=21:35:36$ (BCIS). Recorded up to
			22° . Felt on the Islands Leukas
			(V+ at Leukas) and Ithaca (IV at
			Ithaca) further in Preveza (V at
			Preveza), Acarnania (IV+ at Asta-
			kos) and Aetolia (IV+ at Messolon-
			ghi). Area of felt shaking about
			$40,000$ km ² . $M.M.=5.1$. Focal depth
			about 23 km.
19	ePg	00 25 18.3 C	Traces. Local shock.
	eSg	20.8	
19	ePg	00 25 32.4	Traces. Local shock.
	eSg	34.7	
19	e	06 59 00.7	Traces.
19	eiPg	13 10(35.2)	Traces. Local shock.
	eiSg	(37.4)	
20	ei(Sg)	08 38 12.4	Traces.

Date	Phase	Time	Additional Readings and Remarks.
Dec. 20	eiPb	13 38 36.9 D	e? 38:35 C. Traces. Aftershock.
	eiPg	41.6 C	$\Delta = 315$ km. ~ 2.8 dg.
	eiSg	39 18.9	
20	eiPg	14 20 08.1 D	e? 20:01 D, e 20:04 D. Traces. $\Delta =$
	eiSn	33.0	290 km. ~ 2.6 dg.
	eiSg	42.2	
20	ei(Sg)	15 00 27.2	Traces.
20	eiPb	18 03 26.2 D	Traces. $\Delta=285$ km. ~ 2.6 dg. Felt
	eiSb	59.8	on the Islands Cephalonia (V at
	eiSg	04 04.3	Sami) and Leukas (IV at Leukas).
21	e	11 16 06.9	Traces.
21	eiSg	12 55 24.1	Traces.
21	ePg	13 45 22.5	Traces. $\Delta=120$ km. ~ 1.1 dg. Felt
	eiPn	23.3	in Euboea (IV at Histiaea).
	iSgPg	27.3	
	eiSg	37.3	
21	eiPb	16 32 18.3	e? 32:16 D. Traces. $\Delta=310$ km.
	eiSn	49.0	~ 2.8 dg.
	eiSb	54.4	
21	e	16 40 37.8 D	Traces.
21	ePg	20 08 51.3	Traces. $\Delta=130$ km. ~ 1.2 dg.
	eiPgPg	52.8	
	eiSg	09 06.2	
22	e	08 42 56.7 C	Traces.
22	ei(Sg)	13 47 38.1	Traces.
22	e?(Pn)	22 23 00.1 D	Traces. $\Delta=(290$ km.) ~ 2.6 dg.
	e(Pb)	04.2 C	
	e(Sn)	33.5	
	ei(Sg)	42.9	

Date	Phase	Time	Additional Readings and Remarks.
Dec. 23	eiPg eiPn eiSgPnPg eiSg	02 25 39.2 C 42.3 C 44.8 C 47.3	Traces. $\Delta = 65$ km. ~ 0.6 dg.
23	ePg eiPgPg eiSg	02 52 04.6 C 06.0 C 23.7	Traces. $\Delta = 155$ km ~ 1.4 dg.
23	e?(Pn) ei(Sb) ei(Sg)	03 34 59.3 D 35 30.1 33.3	Traces. $\Delta = (240$ km.) ~ 2.2 dg.
23	ei(Sg)	09 16 43.3	Traces.
23	e(Pn) eiPg eiSg	11 17 38.8 C 54.4 18 45.4	e? 17:37. Traces. $\Delta = 430$ km. ~ 3.9 dg.
23	ei(Sg)	14 52 03.5	Traces.
23	iPn eiSgPg eiSg eiSn	21 17 16.2 C 19.9 D 27.2 29.5	Traces. $\Delta = 100$ km. ~ 0.9 dg.
24	e(Pg) eiSg	03 02 05.1 10.3	e? 02:03. Traces. $\Delta = 40$ km. ~ 0.4 dg.
24	ePg eiSgPnPg eiSg	05 06 58.0 D 07 04.0 04.7	Traces. $\Delta = 50$ km. ~ 0.5 dg.
24	eiPg eiPgPg eSg eiSn iSgSg	09 03 22.7 D 24.4 38.2 38.7 41.1	Very weak. $\Delta = 125$ km. ~ 1.1 dg.
24	e?(Pg) ePn	19 32 02.3 D 02.8 C	Traces. $\Delta = 125$ km. ~ 1.1 dg.

Date	Phase	Time	Additional Readings and Remarks.
Dec. 24	eiSg eiSgSg	18.0 20.2	
25	eiPn eiSgPnPg eiSn eiSg	02 56 20.5 D 23.2 C 41.9 46.9	Traces. $\Delta = 200$ km. ~ 1.8 dg.
25	ePg eiSg	15 36 43.1 47.2	Traces. $\Delta = 25$ km. ~ 0.2 dg.
25	ePg eiSg	15 36 54.4 58.4	Traces. $\Delta = 25$ km. ~ 0.2 dg.
25	ePg eiSg	15 37 06.2 10.3	Traces. $\Delta = 25$ km. ~ 0.2 dg.
26	ePn eiPb eiSg	04 47 24.0 D 25.6 54.1	Traces. $\Delta = 200$ km. ~ 1.8 dg. Felt in Aetolia (IV at Messolonghi)
26	eiPg eiSgPg eiSg eiSgSg	07 42 23.4 28.3 39.2 42.0	Traces. $\Delta = 130$ km. ~ 1.2 dg.
26	ePg eiSgPg eiSg	07 42 54.5 C 59.4 43 10.4	Traces. $\Delta = 130$ km. ~ 1.2 dg.
26	ePn eiSgPg eiSn eiSg	10 22 09.0 C 14.9 28.7 32.2	Traces. $\Delta = 180$ km. ~ 1.6 dg.
26	eiPg eiSg	13 25 41.5 D 45.0	Traces. $\Delta = 20$ km. ~ 0.2 dg.
26	ePn eiSn eiSg	16 32 37.4 33 05.8 12.1	Traces. $\Delta = 245$ km. ~ 2.2 dg.

Date	Phase	Time	Additional Readings and Remarks.
Dec. 27	e	09 10 56.1 C	Traces.
27	ePg	10 17 02.9 D	Traces. $\Delta=80$ km. ~ 0.7 dg.
	ePgPg	05.5 D	
	eiSgPnPg	07.9 C	
	eiSg	13.0	
27	ei(Sg)	10 41 22.8	Traces.
27	eiPg	15 08 30.8 D	Traces. $\Delta=50$ km. ~ 0.5 dg.
	eiPn	34.4	
	eiSg	37.3	
27	eiPg	15 08 48.9 D	Traces. $\Delta=130$ km. ~ 1.2 dg.
	eiSgPg	53.8 C	
	eiSg	09 04.9	
27	ei(Sg)	19 39 29.0	Traces.
27	ePn	20 51 09.6 C	Traces. $\Delta=250$ km. ~ 2.3 dg.
	eiPg	15.7 D	
	eiSg	45.3	
27	iPn	21 27 26.7 C	Traces. $\Delta=160$ km. ~ 1.4 dg.
	eiPgPg	28.8 C	
	eiSgPg	31.8 D	
	eiSn	44.7	
	iSg	47.0	
	iSgSg	49.3	
27	ePn	21 59 32.9 D	Traces. $\Delta=160$ km. ~ 1.5 dg.
	eSgPnPg	35.7 C	Felt. in Achaia (IV at Patras).
	eiSg	53.3	
	eiSgSg	55.5	
27	iPg	22 12 43.8 C	Traces. $\Delta=45$ km. ~ 0.4 dg.
	iSg	49.9	
28	eiPb	00 11 13.2 C	e? 11:11 C. Traces. $\Delta=255$ km. ~ 2.3 dg.
	eiPg	16.8	
	eiSb	43.6	
	eiSg	47.0	

Date	Phase	Time	Additional Readings and Remarks.
Dec. 27	e?(Pn)	00 17 49.2 C	Traces. $\Delta=240$ km. ~ 2.2 dg.
	eSn	18 17.5	
	eiSg	23.5	
28	e?(Pn)	00 30 55.3 C	Traces. $\Delta=230$ km. ~ 2.1 dg.
	ePb	57.2 D	
	eiSn	31 22.0	
	eiSg	27.1	
28	ei(Sg)	02 08 43.1 C	Traces. Felt. in Elis (III+ at Kalydona).
28	e?Pn	03 58 07.6 D	Traces. $\Delta=95$ km. ~ 0.9 dg.
	eSgPnPg	10.4 C	
	eiSgPg	11.1 C	
	eiSg	17.7	
	eiSn	20.2	
28	ei(Sg)	07 26 26.0	Traces.
28	ei(Sg)	12 45 38.9	Traces.
29	ei(Sg)	07 54 02.9	Traces.
29	ei(Sg)	14 28 34.9	Traces.
29	eiPn	20 57 39.5 D	Traces. $\Delta=255$ km. ~ 2.3 dg.
	eiPg	45.9 C	
	eiSb	58 12.2	
	eiSg	15.7	
30	eiPn	04 07 10.4 D	Very weak. $\Delta=190$ km. ~ 1.7 dg.
	eiSn	31.3	Felt. in Messenia (V at Chora,
	eiSgSg	38.3	Charokopion, IV+ at Androussa,
			IV at Kalamae, Kyparissia, Chry-
			sokelaria), Elis (V at Kalydona
			IV at Zacharo), and Laconia (IV
			at Amyklae).
30	ei(Sg)	09 18 53.3	Traces.
30	e?	10 13 05.5 D	ei 1312 C. Traces.

Date	Phase	Time	Additional Readings and Remarks.
Dec. 30	e?(Pn) eiPg eiSg	10 40 41.3 D 50.0 C 41 25.6	Traces. $\Delta=300$ km. ~ 2.7 dg.
30	ei(Pg) i Pn eiSgPnPg eSn eiSgSg	11 58 34.8 D 36.1 C 38.7 D 49.5 50.3	Traces. $\Delta=100$ km. ~ 0.9 dg.
30	eiSg	14 08 25.7	Traces.
30	ePn eiPb ei(Sn)	23 57 01.5 C 05.8 37.5	Traces. $\Delta=320$ km. ~ 2.9 dg.
31	eiPg ei(Sg)	00 49 07.2 C 10.0	Traces Local shock.
31	eiPg eiSg	00 50 14.0 D 16.7	Traces. Local shock.
31	ei(Sg)	01 33 03.2	Traces.
31	e?(Pg) eSgPnPg ei(Sg)	18 56 11.6 16.4 21.5	Traces. $\Delta=80$ km. ~ 0.7 dg.

C. FELT SHOCKS NOT RECORDED.

Date	Time h. m.	Localities	Provinces	Intensities
Jan.				
1	23:00	Chavari	Elis	IV
12	01:06	Grevena	Kozani	IV
14	23:10	Ithaca	Ithaca	V
15	06:55	Ithaca	Ithaca	III
20	00:00	Kardamena	Kos	III
20	22:13	Oetylos	Oetylos	II
21	15:00	Sami	Sami	IV
23	12:30	Epitalion	Olympia	IV
24	01:20	Symi	Rhodes	III
25	13:07	Regini	Lokris	III
26	17:53	Paloumpa	Gortynia	IV
26	21:45	St.e.- Anna	Chalkis	III
30	22:03	Kounina	Aeghialia	IV
Feb.				
4	08:08	Nea Achialos	Volos	IV
5	00:30	Asini	Nauplia	II
7	17:58	Zante	Zante	III
7	20:15	Xylokastron	Corinthia	III
7	22:30	Eleutherion	Margarition	III
8	05:47	Parga	Nikopolis	III
9	15:46	Sitia	Sitia	II
11	05:09	Symi	Rhodes	IV
16	23:02	Symi	Rhodes	IV
17	00:30	Symi	Rhodes	IV
18	19:00	Asphendion	Kos	II
20	21:00	Karya	Argos	III
28	09:25	Marathousa	Arnaea	III
28	10:17	Mandraki	Kos	III
March				
1	01:20	Mandraki	Kos	III
18	21:30	Rigani	Naupaktia	III
20	05:20	St.-Andreas	Mesolonghi	IV
22	22:20	Sami	Sami	IV
23	19:35	Symi	Rhodes	IV
24	01:15	Zevgolatio	Messini	IV
31	10:35	Limin-Vatheos	Samos	III

Date	Time h. m.	Localities	Provinces	Intensities
Apr.				
3	02:30	Mesenicolas	Karditsa	IV
3	10:05	Patras	Patras	IV
10	14:35	Platanistos	Karystia	IV
19	23:30	Dryopi	Trizinia	IV
20	11:15	Sami	Sami	IV
21	16:50	Amalias	Elis	IV
24	13:25	St.-Georgis-Nilias	Volos	IV
27	13:58	Symi	Rhodes	IV
May				
3	02:00	Pandrossos	Komotini	IV
3		Calchas	Komotini	III
		Gratini	Komotini	III
11	15:30	Symi	Symi	IV
12	00:06	Lithinae	Sitia	III
15	14:29	Letrinoe	Elis	IV
16	14:10	Volos	Volos	IV
17	23:40	Pteri	Aeghialia	IV
19	13:30	Kymi	Karystia	III
25	15:14	Limn-Vatheos	Samos	II
29	15:45	Konitsa	Konitsa	IV
31	02:17	Sami	Sami	V
		Ithaca	Ithaca	III
June				
5	20:33	Vourliotae	Samos	IV
		Pagontas	Samos	II
9	06:25	Ste.-Marina	Kalymnos	IV
10	20:53	Pagontas	Samos	III
11	04:20	Raphtopoulon	Evrytania	IV
12	03:53	Kephalos	Kos	IV
14	07:10	Neochori	Xanthi	IV
24	03:45	Megalopolis	Megalopolis	IV
24	03:50	Megalopolis	Megalopolis	IV
24	03:55	Megalopolis	Megalopolis	IV
July				
11	06:25	Jannina	Dodoni	IV
12	03:10	Skopelos	Skopelos	III
		Alonissos	Skopelos	II
12	19:07	St.-George-Nilias	Volos	IV
15	12:00	Skiathos	Skopelos	III

Date	Time h. m.	Localities	Provinces	Intensities
Aug.				
9	01:00	Philiatra	Philiatra	IV
9	07:00	Skyros	Karystia	III
9	21:00	Raphtopoulon	Evrytania	IV
10	13:05	Klitor	Kalavryta	IV
20	09:00	Kamarina	Nikopolis	III
31	18:30	Volimae	Zante	IV
Sept.				
2	07:15	Skopelos	Skopelos	III
4	17:56	Alonissos	Skopelos	II
4	21:00	Skopelos	Skopelos	III
4	21:21	Skopelos	Skopelos	III
5	12:00	Volimae	Zante	III
5	14:30	Klitor	Kalavryta	IV
6	09:00	Symi	Rhodes	II
9	05:26	Skopelos	Skopelos	II
13	16:14	Katakolon	Elis	V
15	07:15	Gargalianoe	Triphylia	IV
16	10:30	Perithorion	Drama	IV
16	20:00	St.-George-Baxedes	Volos	IV
19	12:08	Chalkis	Chalkis	III
19	12:10	Chalkis	Chalkis	III
20	13:15	Thermon	Trichonis	IV
21	07:50	Drakia	Volos	IV
22	13:25	Drakia	Volos	IV
27	13:13	Sami	Sami	IV
28	04:12	Kato-Chorio	Ierapetra	II
30	05:15	Kos	Kos	III
30	19:10	Kos	Kos	II
Oct.				
5	23:00	Michalitsi	Nikopolis	III
6	14:15	Vlachata	Kranaea	III
8	14:00	Kalidona	Olympia	IV
14	21:19	Jannina	Dodoni	IV
14	22:00	Jannina	Dodoni	IV
15	01:00	Jannina	Dodoni	III
15	02:30	Jannina	Dodoni	III
15	04:30	Jannina	Dodoni	III
15	11:30	Jannina	Dodoni	III
15	18:40	Kourenta	Dodoni	IV

Localities	Provinces	Intensities on Mercalli-Sieberg Scale											Tot.,
		II	III	IV	V	VI	VII	VIII	IX	X	XI		
Ano-Kastri-tsi	Patras			1									1
Ano-Klitoria	Kalavryta				1								1
Ano-Liossia	Attica			3									3
Anthia	Alexandroupolis			1									1
Antimachia	Kos			1	1								2
Antissa	Mithymne			1									1
Aphandos	Rhodes					1							1
Aphidnae	Attica			2									2
Aphratiion	Chalkis	1	1			2							4
Apolakia	Rhodes					1							1
Arachnaeon	Nauplia	1											1
Arachova	Levadia			2									2
Archaea-Corinth	Corinthia			1									1
Archangelos	Rhodes				1								1
Archondocho-ri	Vonitsa-Xeromeron				1								1
Ardamion	Souphli			1									1
Areopolis	Oetylos				1								1
Argalasti	Volos		1										1
Arisvi	Shapae			1									1
Argos	Argos			4									4
Argos-Orestikon	Kastoria				1								1
Argostoli	Kranaea		3	11	1								15
Argyroupolis	Rethymne			1									1
Arphara	Kalamae		1	1		1							3
Artiki	Triphylia			1									1
Asini	Nauplia			1									1
Asklipion	Rhodes				1								1
Asopia	Thebes		1										1
Asopos	Epid.-Limeras			1	1								2
Asos	Corinthia			2									2
Asphendion	Kos			2	1								3

Localities	Provinces	Intensities on Mercalli-Sieberg Scale											Tot.,
		II	III	IV	V	VI	VII	VIII	IX	X	XI		
Asproneri	Didymotichon			1									1
Astakos	Vonitsa			1	3	2							6
Astros	Kynouria				2								2
Astypalaea	Kalymnos			3									3
Atalanti	Lokris			1	1								2
Athens	Attica			1	4								5
Athikia	Corinthia				4								4
Atsiki	Lemnos				1								1
Avandos	Alexandroupolis				1								1
Avdira	Xanthi			1									1
Avlon	Attica			3	4	2							9
Avlonari	Karystia			1	3	1							5
Avliotes	Corfou				1								1
Avramion	Messini						1						1
Capandriti	Attica			1									1
Chalandri	Attica		1	2	1								4
Chalia	Thebes		2			2							4
Chalki	Rhodes							1					1
Chalkion	Naxos				1								1
Chalkis	Chalkis		1	1	2	2							6
Chandrion	Pylia							1					1
Chania	Kydonia				3								3
Charakas	Monophasion					2							2
Charokopion	Pylia			1	1	1							3
Charaktion	Sami			1									1
Chovari	Elis			1	2								3
Chatzi	Pylia							1					1
Chios	Chios												1
Cholargos	Attica			3									3
Chomatada	Pylia							1					1
Chora	Samos							2					2
Chora	Triphylia							1	1				2

Localities	Provinces	Intensities on Mercalli-Sieberg Scale										
		II	III	IV	V	VI	VII	VIII	IX	X	XI	Tot.
Loutra	Mitylene		1									1
Loutra	Alexandrou- polis			1								1
Loutra-Ae- dipsou	Istiaia			2								2
Magoula	Lacedaemon			1								1
Makri	Alexandrou- polis	1										1
Makrykapa	Chalkis			1								1
Malae	Ierapetra					1						1
Malakasa	Attica			3								3
Malesina	Lokris				2							2
Malia	Pedias			1								1
Malon	Rhodes				1							1
Mand.	Chalkis		1	2								3
Mandra	Megaris			1								1
Mandrakion	Kos		9	6								15
Mangoupha- na	Attica		1									1
Mani	Didymoti- chon		1									1
Maratho- kamos	Samos				1							1
Marathon	Attica				1							1
Margaritae	Mylopotamos		1									1
Maritsa	Rhodes				1	1						2
Markopou- lon Oro- pou	Attica			6	1	1						8
Maronia	Komotini		1									1
Mavrochori	Kastoria			1								1
Mavromati	Thebes				1							1
Mazaraki	Patras			2								2
Megalopo- lis	Megalopo- lis				1							1

Localities	Provinces	Intensities on Mercalli-Sieberg Scale										
		II	III	IV	V	VI	VII	VIII	IX	X	XI	Tot.
Megara	Megaris			4								4
Melampes	St.-Vasilios			2								2
Melissia	Attica			1								1
Mendenitsa	Lokris			2								2
Menetae	Karpathos			1								1
Meropi	Messini						1					1
Mesenikolas	Karditsa				1							1
Mesolonghi	Mesolonghi		1	5	3							9
Mesotopos	Mithymne			1								1
Messini	Messini		1									1
Methoni	Pyli						1					1
Metochi	Patras		1									1
Michalitsi	Nikop.-Parga			1	2							3
Mikromani	Kalamae				1							1
Mileae	Volos		1	1	1							3
Mirana	Komotini			1								1
Mithymna	Mithymne			1	1							2
Moirae	Kaenourghion			1								1
Moschaton	Attica			1								1
Mousata	Kranaea			2								2
Myrina	Lemnos								1			1
Mytilini	Mytilene			1								1
Mytilinioe	Samos		1									1
Mystra	Lakedaemon								1			1
Naoussa	Paros								1			1
Naupaktos	Naupaktos			1	1							2
Nauplion	Nauplia			2	3							5
Naxos	Naxos				1							1
Nea-Ali- karnasos	Temenos				1							1
Nea-Artaki	Chalkis				1				2			3
Nea-Chalki- don	Attica			1								1
Nea-Ionia	Attica			1	2							3
Nea-Kesani	Xanthi				1							1

[Faint, illegible table with multiple columns and rows, likely containing seismic data.]

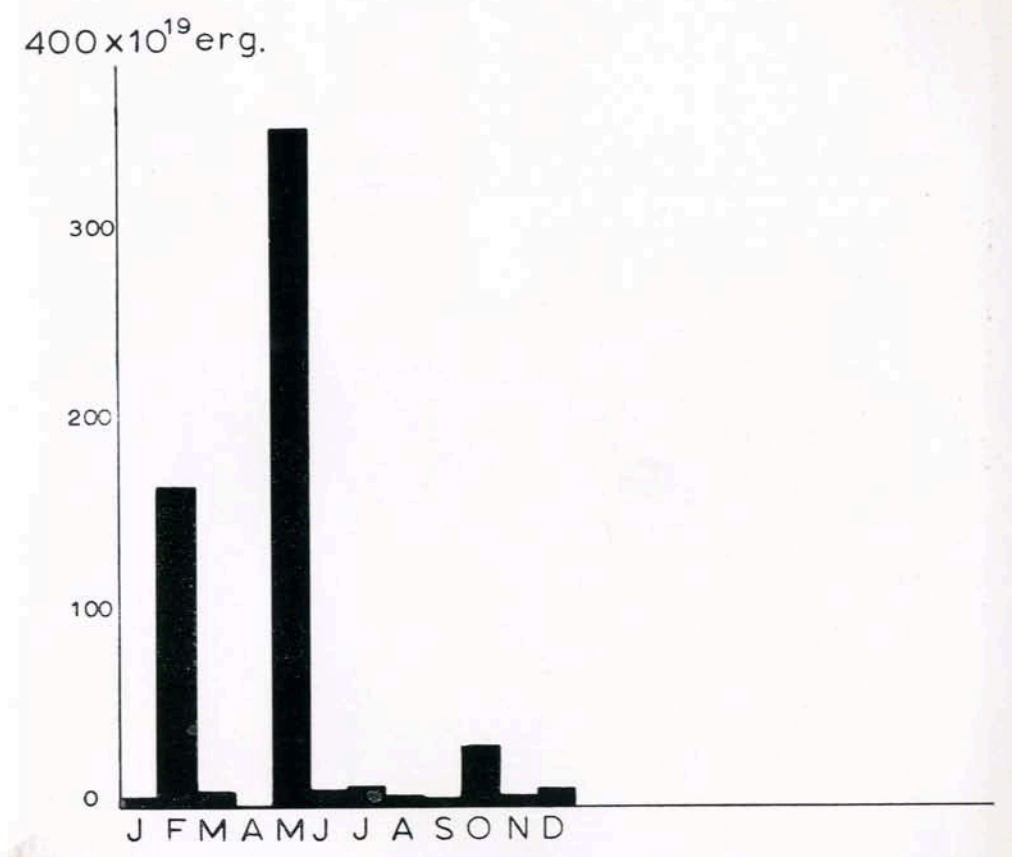


Fig. 1.—Earthquake energy released in the Greek area per month in 1961.

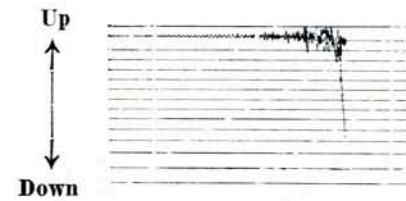


Fig. 2.—Record of local shock of July 20, 1961 from a Wiechert seismograph at Athens Observatory, S—P = 2.7 sec.

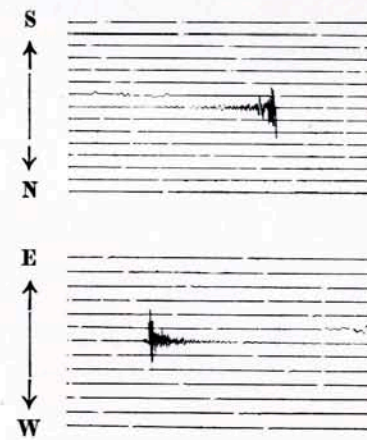


Fig. 3.—Record of local shock of July 20, 1961, from a Mainka seismograph at Athens Observatory, S—P = 2.7 sec.

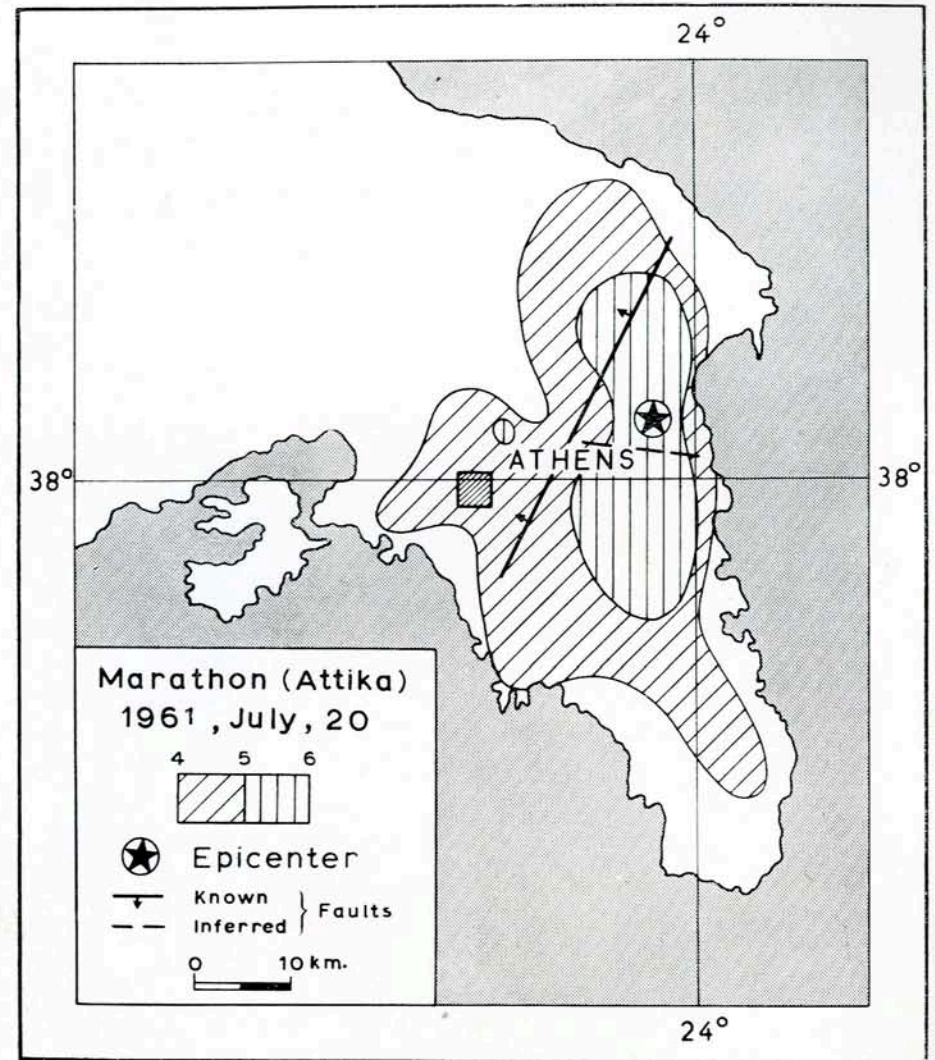


Fig. 4.—Intensity distribution in the area most strongly affected by the earthquake of July 20, 1961.

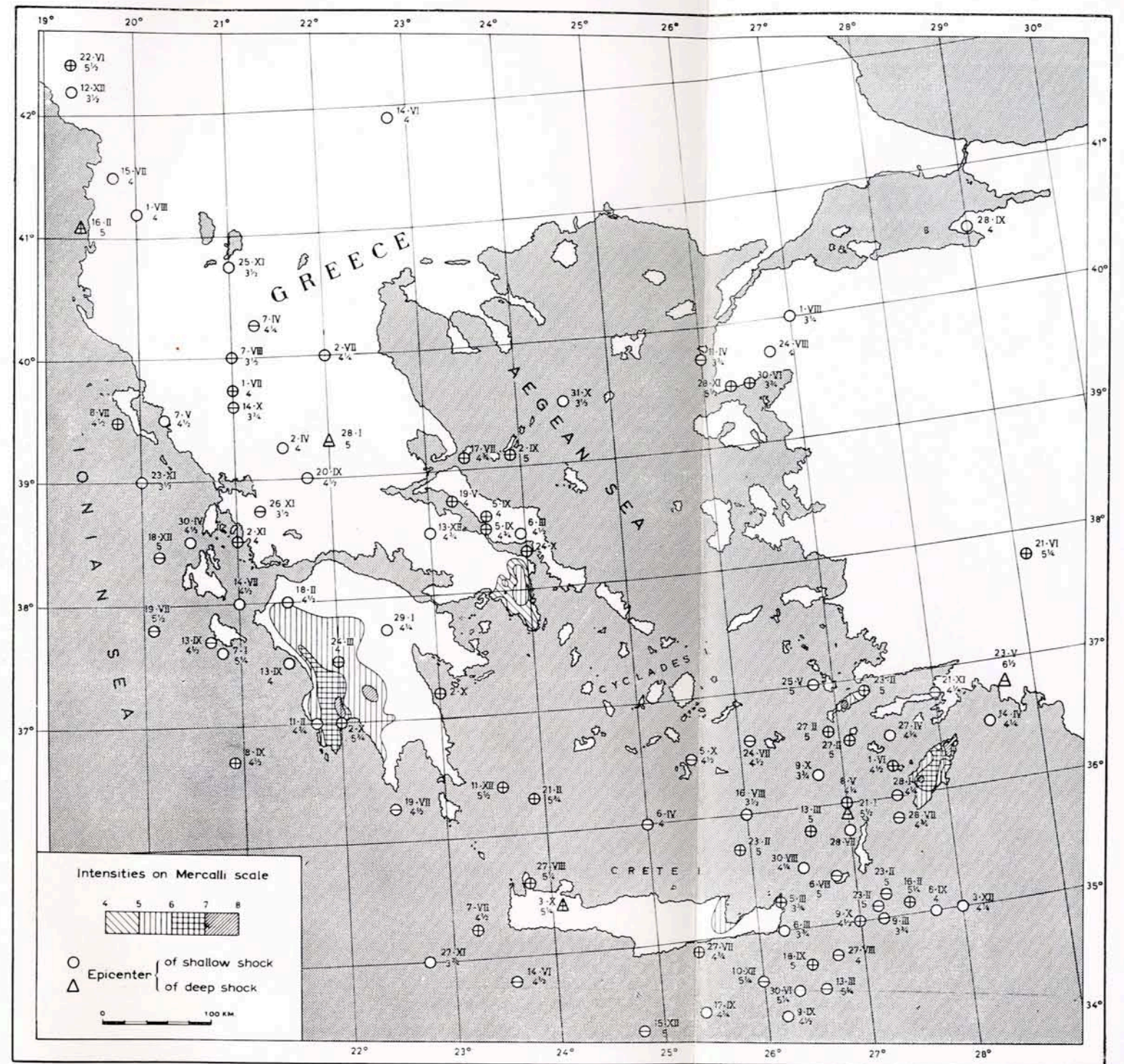


Fig. 5.—The Earthquake activity in the Greek area in 1961.

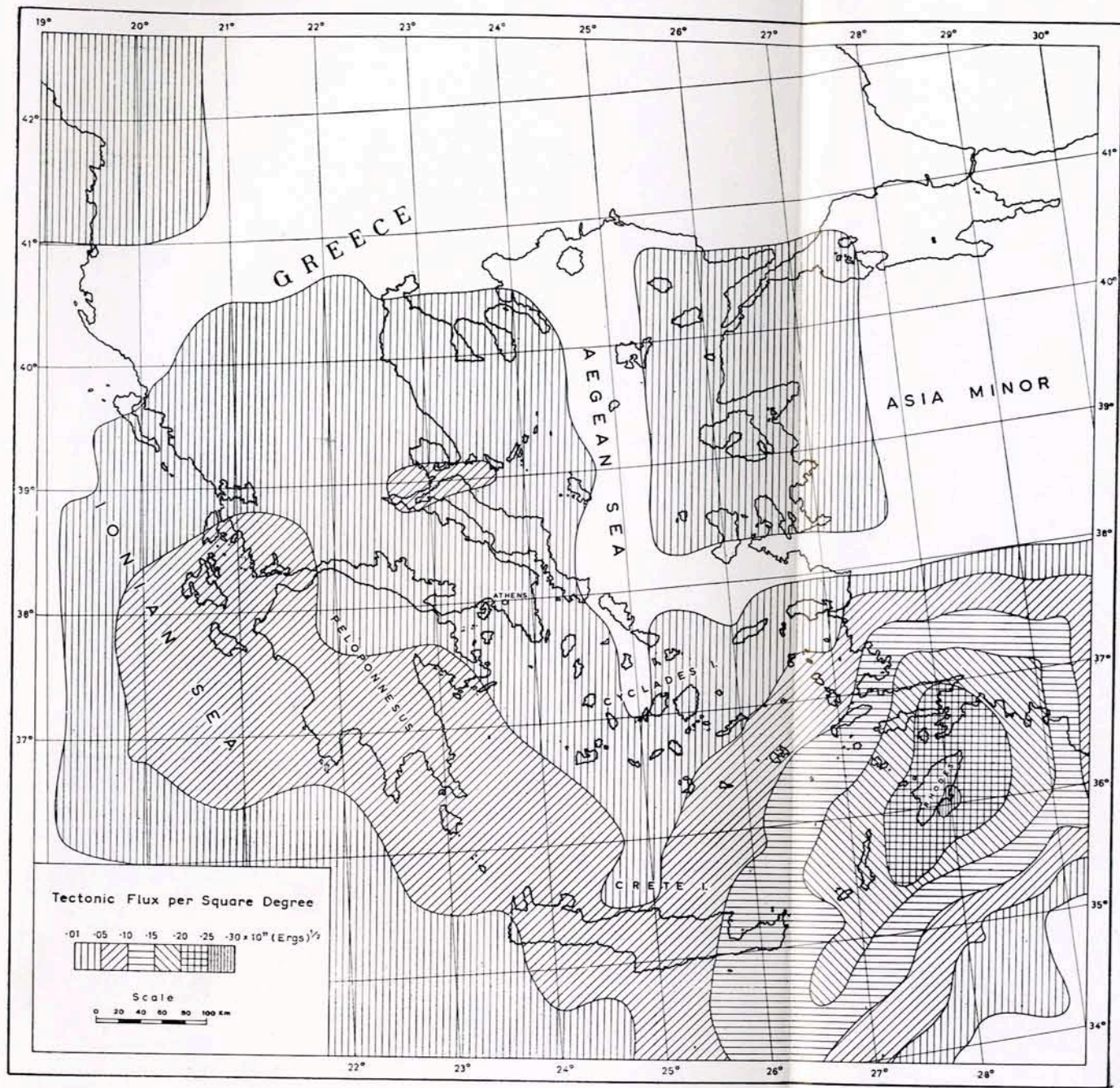


Fig. 6.—Strain Release Pattern in the Greek Area in 1961.

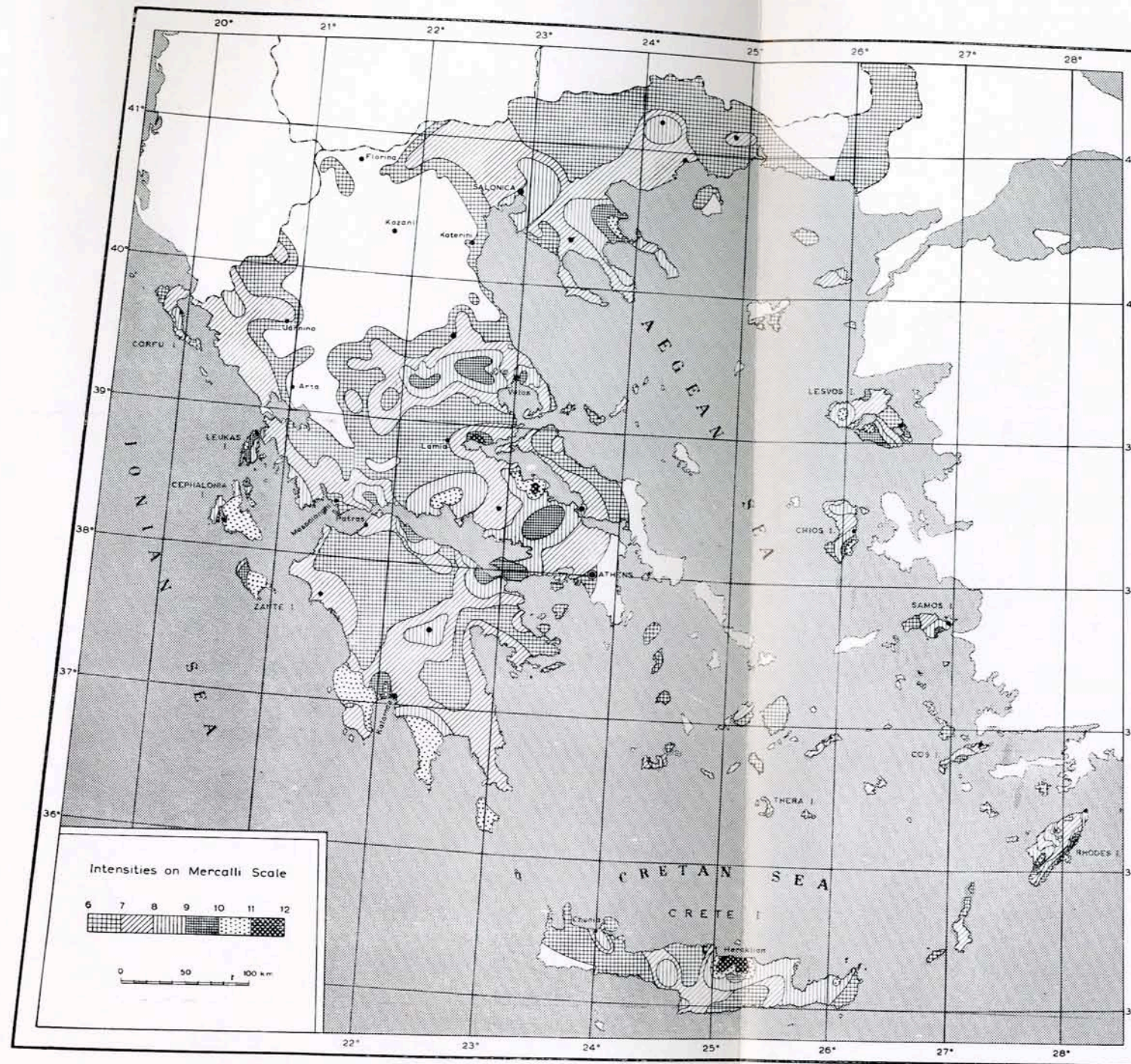


Fig. 7.—Isolines of maximum intensity felt in Greece over the period 1800—1960, compiled by N. DELIBASIS and A. GALANOPOULOS.