

NATIONAL OBSERVATORY OF ATHENS



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BULLETIN
1952

ATHENS 1953

INTRODUCTION

The geographic coordinates of the seismographic station are: $37^{\circ}58'22''$ N and $23^{\circ}43'10''$ E. The instruments are standing 95 m. above mean sea-level on a subsoil consisting of calcite tuff.

The Instruments are a set of seismographs with mechanical recording according to Wiechert.

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

One vertical Seismograph, $M = 1300$ kg.

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 1952:

Instruments	T_0	ϵ	V
Wiechert (NS Comp.)	7.2	4.1	160
" (EW Comp.)	7.5	4.5	168
" (Z Comp.)	1.6	1.6	276

The velocity of the recording paper is about 30 mm per minute.

The time is Greenwich mean time, from midnight till midnight.

Symbols and Abbreviations are the very known.

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. Hodgson (1945) were proved more satisfactory for the calculation of the Δ - distance of near normal shocks.

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

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

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 Strasbourg. 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, and a table with the intensities of the shocks felt in Greece.

On the annexed map 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 stronger earthquake and the region of the reported highest intensity of the less important shock are given. Epicenters marked in by + denote an initial compression at 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 circumscribed. The date of the shocks is noted close to the symbols of the epicenters. The arabic numerals indicate the magnitude of the shocks derived to the nearest quarter by means of the formula:

$$M = 0.20 \Delta + 0.67 \log a + 3.80$$

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

Athens, July 25, 1953.

Prof. Dr.A.GALANOPOULOS.

A. LONG DISTANCE SHOCKS

<u>Date</u>	<u>Phase</u>	<u>Time</u>			<u>Additional Readings and Remarks</u>
Jan 4	ePKP ₁ i!PKP ₂	06	07	17 20	i 0731, i! 0735. Weak. Δ =16260 km. $\sim$ 146.3 dg. Loyalty Islands. 22°S, 169°1/2 E.- H=05:47:31 (USCGS). 21:8 S, 169°2 E.- H=05:47:32 (BCIS).
31	eP eS eiPS	21	03 09	08 28 38	C Very weak. Δ =4650 km. $\sim$ 41.9 dg. Ruanda-Urundi. Tanganika border. 4°S, 30°1/2 E.- H=20:55:12 (USCGS) M=6 (Praha).
Feb 11	iP eipP	07	13 16	02 48	D Weak. Δ =10030 km. $\sim$ 90.3 dg. Iava Sea. 6°S, 110°E.-H=07:01:04.-h=700 km (USCGS). 5:5 S, 109°8 E.- H=07:01:05.- h=700 km. (BCIS) M=7 (Pasadena).
14	ePP e(S) ePS	03 04	56 03	36 59 44	Very weak. Δ =11650 km. $\sim$ 104.9 dg. Flores Sea, North of Timor island. 8°S, 125°E.- H=03:38:06 (USCGS), 7:7 S, 126°5 E.- H=03:38:15 (BCIS), M=7 1/4 (Pasadena, Strasbourg).
25	ePKP ₁ ePKP ₂	01	36 37	56 22	C Very weak. Δ =17400 km. $\sim$ 156.8 dg. Tonga Islands. 17°S, 173°1/2 W.- H=01:17:00 (USCGS); 18:1 S, 172°8 W.- H=01:17:02 (BCIS). M=6.9 (Pasadena); 6 3/4 (Strasbourg).
26	e(PKP) eiSKS eisS	11	48 54 57	22 44 42	ei 4848. very weak. Δ =11300 km. $\sim$ 101.7 dg. Peru-Bolivia border. 15°S, 69°W.- H=11:30:54.- h=250 km. (USCGS); 14:1 S, 69°9 W.- H=11:31:04.- h=250 km. (BCIS). M=7 1/2 (Pasadena), 7 1/4 (Berkeley).

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Mar			
4	e P e SKS ei (PS) e PPS	01 35 10 C 45 33 46 35 52	ei 3521, i 3529, e 3846, e 4042, i 4544. $\Delta = 9260$ km. ~ 83.4 dg. Near east coast of Hokkaido, Japan. 42°5' N, 143°5' E. - H=01:22:41 (USCG), 42°5' N, 143°6' E. - H=01:22:41 and 01:22:56 (BCIS). M=8 ¹ / ₄ (Pasadena) 8 ¹ / ₂ (Strasbourg).
4	e P e SKS	20 08 (48) 19 13	Very weak. P in time mark. $\Delta = 9370$ km. ~ 84.3 dg. Off east coast of Hokkaido, Japan. 42°N, 146°E. - H=19:56:10 (USCGS). 42°0' N, 145°0' E. - H=19:56:10 (BCIS).
19	e Sb	08 16 53	Very weak. $\Delta = 720$ km. ~ 6.5 dg. Etna, Italy. 37°7' N, 15°1' E. - H=08:13:37.
19	e P eiS	11 10 31 C 21 04	e 1408, e 2056, e 2112. $\Delta = 10500$ km. ~ 94.6 dg. Off east coast of Mindanao, Philippine Islands. 9° ¹ / ₂ N, 127°E. - H=10:57:09 (USCGS); 9° N, 127°E (CMO, Japan). M=7 ¹ / ₂ -7 ³ / ₄ (Pasadena); 7 ³ / ₄ (Strasbourg).
Apr			
4	i P e(PS) e PPS	03 05 18 C 16 33 (50)	PPS in time mark. Very weak. $\Delta =$ 9150 km. ~ 82.4 dg. Near east coast of Kamchatka. 52°N, 159° ¹ / ₂ E. - H=02:52:55 (USCGS). M=6 ¹ / ₄ (Pasade- na).
May			
9	e PKP epPKP e(SKS)	18 06 40 C 58 C 13 41	e 1328. Very weak. $\Delta = 14000$ km. $\sim$ 126 dg. Solomon Islands. 6° ¹ / ₂ S, 155°E. - H=17:47:40. - h=60 km. (USCGS). 6° ³ / ₄ S, 155° E. H=17:47:43. - h=60 km. (BCIS). M=7 (Pasadena).
16	e(PP) eSKS	21 02 58 09 45	Traces. $\Delta = 10650$ km. ~ 95.9 dg. Off coast of Panama. 6° ¹ / ₂ N, 79°W. - H=20:45:40 (USCGS). 6°5' N, 79°0' W. - H=20:45:41 (BCIS). M=6.9 (Pasadena).

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
May			
19	e P e S	18 44 49 55 04	e?1839, ei 5525, ei 5754. Very weak. $\Delta=9250$ km. ~ 83.3 dg. Near east coast of Hokkaido, Japan. 43°N , $144^{\circ}1/2$ E.- H=18:32:24 (USCGS). $42^{\circ}1/4$ N, $143^{\circ}1/2$ E.- H=18:32:21 (BCIS). M=6 ³ / ₄ (Pasadena).
24	ePPS	16 28 52	e 1858D, e 2923. Very weak. $\Delta=8720$ km. ~ 78.5 dg. Off west coast of Sumatra. H=16:05:53 (USCGS). $1^{\circ}0$ S, $98^{\circ}8$ E.- H=16:05:53 (BCIS). M=6 ¹ / ₂ -6 ³ / ₄ (Pasadena).
28	e P eiS	08 10 55 D 20 38	eil056 C, ei 2046. Very weak. $\Delta=9300$ km. ~ 83.7 dg. Central Honshu, Japan. $35^{\circ}1/2$ N, 136° E.- H=07:59:09.- h=400 km. (USCGS). M=6 ³ / ₄ -7 (Pasadena).
Jun			
11	e?(PP)	00 50 47	e 5053, ei 5056, e 5746. Very weak. $\Delta=12200$ km. ~ 109.8 dg. San Juan Province, Argentina. 32°S , $67^{\circ}1/2\text{W}$. H=00:31:32 (USCGS). $32^{\circ}1$ S, $67^{\circ}9$ W. H=00:31:36 (BCIS). M=7 (Pasadena).
19	e P e S	12 23 41 C 32 25	ei 3230. Very weak. $\Delta=7300$ km. ~ 65.7 dg. Southern Yunnan province, China. 23°N , 100°E .- H=12:12:56 (USCGS). $22^{\circ}6$ N, 100°E .- H=12:12:56 (BCIS). M=6 ¹ / ₂ (Pasadena).
22	e P e S eiSKS ei PS	21 54 26 22 04 45 51 05 51	e 5429 D, ei 5433 C. Weak. $\Delta=9360$ km. ~ 84.2 dg. Kurile Islands. 46°N , $153^{\circ}1/2$ E.- H=21:41:53 (USCGS). $46^{\circ}8$ N, $153^{\circ}5$ E.- H=21:41:54 (BCIS). M=7 (Pasadena).
30	e ScS	21 21 56	e 1152, e 1754, e 2219. Very weak. $\Delta=4280$ km. ~ 38.5 dg. Near Victoria Lake. Africa. H=21:04:20 (USCGS).- $0^{\circ}5$ S, $29^{\circ}5$ E.- H=21:04:31 (BCIS).-

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Jul			
5	ei P ipP	17 26 42 C 27 26 D	Weak. $\Delta = 4165$ km. ~ 37.5 dg. Hindu Kush, Afghanistan. $36^{\circ}1/2$ N., 71° E. h=about 200 km. (USCGS). - H=17:19:50 (BCIS).
13	ei PKP	12 17 40 C	i 1743 C. Very weak. $\Delta = 16250$ km. ~ 146.3 dg. New Hebrides Islands. $18^{\circ}1/2$ S, $169^{\circ}1/2$ E. - H=11:58:34 h=300 km. (USCGS). 18:4 S, $169^{\circ}1$ E. - H=11:58:37. - h=285 km. (JSA). M=7 (Pasadena).
13	e SKS	17 59 (05)	S in time mark. e 5911, ei 5918. Very weak. $\Delta = 11360$ km. ~ 102.3 dg. Ceram Sea. 3° S, 128° E. - H=17:34:26 (USCGS). $3^{\circ}1$ S, $127^{\circ}4$ E. - H=17:34:30 (JSA). M=6 $3/4$ (Pasadena).
17	ei P e S	16 22 15 D 32 31	e 3228, ei 3237, e 3329, e 3346. Very weak. $\Delta = 9350$ km. ~ 84.2 dg. Southern Honshu, Japan. $34^{\circ}1/2$ N, 136° E. - H=16:09:52. - h=about 100 km. (USCGS). $34^{\circ}2$ N, $136^{\circ}0$ E. H=16:09:54. - h=about 95 km. (JSA). M=7 (Pasadena).
21	e PP e PPP e SKS ei (SKKS) e (S) e (PS) ei PPS	12 10 07 12 14 16 37 17 00 17 16 18 56 19 46	$\alpha_N = 307 \mu$, $T_N = 18.4$ sec., $\alpha_E = 374 \mu$ $T_E = 17.4$ sec. $\Delta = 11060$ km. $\sim 99^{\circ}7$ lg. Tulare Valley, Southern California. $35^{\circ}1$ N., $118^{\circ}9$ W. - H=11:52:11.5 (USCGS). $35^{\circ}0$ N, 119° W. - H=11:52:14 (Gutenberg). M=7 $1/2$ (Pasadena).
Aug.			
17	e P e PP i PPS ei ScS	16 11 43 D 13 51 19 46 21 32	i 1146 C, ei 1241, ei 1510, ei 1928, i 1954, ei 2403. $\alpha_N = 377 \mu$, $T_N = 23$ sec., $\alpha_E = 534 \mu$, $T_E = 21$ sec. $\Delta = 6120$ km. ~ 55.1 dg. Eastern Tibet $30^{\circ}1/2$ N, $91^{\circ}1/2$ E. - H=16:02:05 (USCGS), M=7 $1/4$ -7 $1/2$ (Pasadena), 7 $1/4$ (Strasbourg).

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Aug 20	e PP	15 42 22	e 4913, e 5109 Very weak. Δ = 10550 km. $\sim$ 95.0 dg. Off coast of Oregon, 43° N, 127° W. - H=15:24:59 (USCGS). 43° N, $126^{\circ}7$ W. - H=15:25:00 (BCIS) M=7-7 $\frac{1}{4}$ (Pasadena).
28	ei P	11 05 27 C	ei 0545 C. Δ = 9635 km. $\sim$ 86.7 dg. Near south coast of Alaska Peninsula. 55° N, 160° W. - H=10:52:41 (USCGS). M=5.3 (Rome).
Sep. 9	e SKS	13 18 55	ei 2125, e 2659. Very weak. Δ = 11000 km. $\sim$ 99 dg. Near coast of Costa Rica. 09° N, $84^{\circ}1/2$ W. - H=12:54:42 (USCGS). $08^{\circ}1/2$ N, $84^{\circ}1/2$ W. - H=12:54:44, h=60 km. (BCIS).
21	e? e P i!!SKS	02 44 06 08 54 23	i 4821, e 5422, e 5534, e 5738. Δ = 11380 km. $\sim$ 102.5 dg. Argentina-Bolivia Border. $22^{\circ}1/2$ S, 65° W. - H=02:30:30. - h=about 250 km. (USCGS). M=7 $\frac{1}{4}$ (Pasadena).
27	ei P e SKS	19 18 02 D 28 00	e 2810, ei 2812, ei 2814. Very weak. Δ = 9200 km. $\sim$ 82.8 dg. Near coast of Kamchatka. $50^{\circ}1/2$ N, 157° E. - H=19:05:46. - h=about 100 km. (USCGS).
30	e P e S	02 54 34 57 45	Very weak. Δ = (1920 km.) $\sim$ (17.3 dg.) H=02:50:51. M=5 (Rome).
30	e P ei(S)	13 02 38 11 17	i 0241, e 1041. Very weak. Δ = 7120 km. $\sim$ 64.1 dg. Szechwan province, China. $28^{\circ}1/2$ N, 102° E. H=12:52:00 (USCGS). M=6 $\frac{1}{2}$ (Pasadena).
Oct. 1	e P	13 30 34 C	Very weak. Δ = 6050 km. $\sim$ 54.5 dg. South east of Altyn Tagh. - $36^{\circ}1/2$ N, 94° E. H=13:21:02 (BCIS).

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Oct			
5	i P	22 13 53	i 1359 Traces. $\Delta = 5925$ km. ~ 53.4 dg. Chinghai Province, China. $37^{\circ}0$ N, 93° E. - H=22:04:28 (USCGS and BCIS). M=6 $\frac{1}{3}$ (Uppsala).
10	e P ei	18 54 46 19 00 57	e 0359. Very weak. $\Delta = 4200$ km. ~ 37.8 dg. Central Pakistan. $30^{\circ}\frac{1}{2}$ N, 69° E. - H=18:47:37. (USCGS). M=6 $\frac{1}{4}$ -6 $\frac{1}{2}$ (Rome), 5 $\frac{3}{4}$ (Uppsala).
22	e(PP) eiPPP iSSS	17 03 13 23 05 16	e 0331, e 0540, ei 0546, i 0606, ei 0616. Weak $\Delta = 1050$ km. ~ 9.5 dg. Southern Turkey, Ceylan region. - H=17:00:35 (USCGS). $37^{\circ}1$ N, $35^{\circ}7$ E. - H=17:00:39 (BCIS).
24	(e) e	03 22 37 59	Traces, e 2327, ei 2341. Probably Eastern Mediterranean.
26	ei P e(SKS) eiS	08 53 08 C 09 02 55 03 09	e 5326 D. Very weak. $\Delta = 9450$ km. ~ 85.1 dg. Near south coast of Honshu, Japan. $34^{\circ}\frac{1}{2}$ N, 137° E. - H=08:41:03. - h=about 300 km. (USCGS). $34^{\circ}1$ N, $137^{\circ}8$ E. h=280-290 km. (CMO-Japan). M=5 $\frac{3}{4}$ -6 (Pasadena).
26	e P	19 31 52	Traces. $\Delta = 9550$ km. ~ 86 dg. Off east coast of Honshu, Japan. $38^{\circ}\frac{1}{2}$ N, $143^{\circ}\frac{1}{2}$ E. - H=19:19:12 (USCGS). $39^{\circ}3$ N, $143^{\circ}3$ E. - h=20 km. (CMO-Japan). M=6 (Pasadena).
27	e P e(PPS)	03 29 49 41 47	Traces. $\Delta = 9550$ km. ~ 86 dg. After-shock. H=03:17:12 (USCGS). $39^{\circ}4$ N, $143^{\circ}4$ E. - h=50-60 km. (CMO-Japan). M=6 $\frac{1}{2}$ (Pasadena).
Nov			
4	e P i S i SKS	17 10 43 C? 20 48 21 02	i 1048 D, i 1054, i 1358, i 1555, i 2041, i 2112, i 2228. $\alpha_N = 2298\mu$, $T_N = 18$ sec, $\alpha_E = 2224\mu$, $T_E = 18$ sec.

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Nov.			$\Delta=9110$ km. ~ 82.1 dg. $M=8^{1/2}$. Near east coast of Kamchatka. $52^{\circ}1/2$ N, 159° E.- H=16:58:20 (USGS). $52^{\circ}9$ N, $160^{\circ}1$ E.- H=16:58:23. (BCIS) $M=8^{1/4}$ (Pasadena).
4	ei(P)	17 48 49 C	i 4859 D. Aftershock. H=17:36:30 (Strasbourg).
4	ei P	18 41 11 C	i 4117 D, i 4128, i 4130 C, weak. $\Delta=9140$ km. ~ 82.3 dg. Aftershock. Near east coast of Kamchatka. $52^{\circ}1/2$ N, 160° E. H=18:28:52 (USCGS). H=18:28:51 (BCIS).
4	e P	19 52 58 D	ei 5352. Very weak. $\Delta=9130$ km. ~ 82.2 dg. Aftershock. Near east coast of Kamchatka. $52^{\circ}1/2$ N, $159^{\circ}1/2$ E.- H=19:40:41 (USCGS) H=19:40:42 (BCIS).
4	e P eiS	21 01 12 D 11 24	ei 0115, ei 1129, ei 1151, ei 1235, ei 1327. Very weak. $\Delta=9250$ km. ~ 83.3 dg. Near south coast of Kamchatka. 50° N, 157° E.- H=20:48:43 (USCGS), 50° N, 158° E.- (CMO-Japan). $M=6^{3/4}$ (Uppsala).
4	ei P	21 13 14 C	Weak. $\Delta=9130$ km. ~ 82.2 dg. Aftershock. Near east coast of Kamchatka. $52^{\circ}1/2$ N, $159^{\circ}1/2$ E.- H=21:00:53 (USCGS).
4	e P	22 05 18 D	e 0523, ei 0535 C. Traces. $\Delta=9300$ km. $\sim 83^{\circ}7$ dg. Off south coast of Kamchatka. 50° N, $158^{\circ}1/2$ E.- H=21:52:50 (USCGS). H=21:53:02 (BCIS).
4	e(P) e S eiSKS	22 25 23 D 35 33 40	e?2515, i 2528 C, ei 3538, e 3612. Very weak. $\Delta=9200$ km. ~ 82.8 dg. Near east coast of Kamchatka. 52° N, 161° E.- H=22:12:54 (USCGS).

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Nov			52°N, 164°E (CMO. - Japan). $M=6\frac{1}{4}$ (Uppsala).
4	(eP)	22 31 44 C?	e 3149 C, ei 3153 D. Aftershock. H=22:19:24 (Strasbourg).
5	eP eiS	02 32 23 D 42 30	e 3242, ei 4229. Traces $\Delta=9110$ km. ~ 82.1 dg. Near south coast of Kamchatka. $50^{\circ}1/2$ N, 157° E. H=02:19:58 (USCGS). 51° N, 158° E (CMO, Japan). $M=6$ (Uppsala).
5	eiP eiS	03 42 11 C 52 27	i! 4212 D, ei 4219 D, ei 5228. Very weak. $\Delta=9280$ km. ~ 83.5 dg. Near south east coast of Kamchatka. 51° N, 159° E. - H=03:29:44 (USCGS). H=03:29:50 (BCIS). 51° N, 160° E (CMO, Japan).
5	(eP)	06 10 12 C	e 1015C, i 1020 C. Very weak. $\Delta=9300$ km. ~ 83.7 dg. Kurile Islands. 49° N, 156° E. H=05:57:43 (USCGS), 49° N, $158^{\circ}1/2$ E (CMO, Japan).
5	i P eiS	13 18 49 D 29 02	i 1901, e 2831, e 2854, ei 2921, ei 3013. Weak. $\Delta=9260$ km. ~ 83.4 dg. Aftershock. Near east coast of Kamchatka. 52° N, $159^{\circ}1/2$ E. - H=13:06:24 (USCGS). H=13:06:28 (BCIS), 52° N, 162° E (CMO, Japan). $M=6.9$ (Praha).
6	e P e S ei(SKS)	19 58 23 20 08 35 41	e 5825, e 0826, e 0838, ei 0853. Very weak. $\Delta=9210$ km. ~ 83 dg. Near south east coast of Kamchatka. $51^{\circ}1/2$ N, $159^{\circ}1/2$ E. - H=19:45:57 (USCGS). H=19:46:05 (BCIS). $M=6.6$ (Rome).
7	ei S	14 31 07	e 3222. Very weak. $\Delta=9320$ km. ~ 83.9 dg. Off south coast of Kamchatka. 49° N, 157° E. H=14:08:25 (USCGS). $M=6.6$ (Praha).

<u>Date</u>	<u>Phase</u>	<u>Time</u>			<u>Additional Readings and Remarks</u>
Nov					
7	e S eiSKS eiSKKS	22	28	15 17 23	e 2808, e 2809. Very weak. $\Delta = 9440$ km. ~ 85.0 dg. Kurile Islands. 47°N , 155°E . - H=22:05:19 (USCGS).
13	ei P	08	11	10 D	ei 1112. Traces. $\Delta = 9160$ km. ~ 82.5 dg. Near south coast of Kamchatka. $50^{\circ}1/2$ N, 157°E . - H=07:58:45 (USCGS). 51°N , 157°E . (CMO, Japan).
13	e PP	22	41	13 D	e 4103 D; Traces. $\Delta = 9290$ km. ~ 83.6 dg. Off south coast of Kamchatka. 50°N , 158°E . 22:25:34 (USCGS).
27	eiP eipP	07	27	23 C 28 09	e 2808, ei 2819. Very weak. $\Delta = 4140$ km. ~ 37.2 dg. Hindu Kuch. $36^{\circ}.5$ N, $70^{\circ}.5$ E, h=220 km. H=07:20:34 (BCIS).
28	eiSKS	08	28	13	e 2808, ei 2827. Very weak. $\Delta = 9150$ km. ~ 82.4 dg. Near east coast of Kamchatka. 52°N , 160°E , H=08:05:30 (USCGS).
29	e P eiS eiSKS	08	34	58 C 45 04 16	e? 3450, i 3505, e 4513. $\Delta = 9060$ km. ~ 81.5 dg. Near east coast of Kamchatka. 53°N , 160°E . H=08:22:34 (USCGS), H=08:22:38 (BCIS). M=7 (Pasadena, Strasbourg).
29	eP e(PPP) eiSKS eiSKKS	23	59	(10) 24 04 28 09 39 43	P.in time mark. ei 5921 D, e 0229, ei 0934. e 0938, i 0948, ei 1003, ei 1100. Very weak. $\Delta = 9550$ km. ~ 85.9 dg. Off South coast of Alaska. 56°N , 155°W . - H=23:46:25 (USCGS). M= $6^{3/4}$ (Pasadena).
Dec					
6	iPKP	11	00	30 D	ei 0541, i 0636, ei 0652. Very weak. $\Delta = 14250$ km. ~ 128.3 dg. Solomon Islands. 8°S , 157°E . - H=10:41:14 (USCGS). M=7 (Pasadena).

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Dec			
7	ei P ei S eSKKS eiPPS	01 03 02 D 13 22 28 14 50	e 1330, ei 1337, ei 1353. Very weak. $\Delta = 9440$ km. ~ 85.0 dg. Near Islands, Aleutian Islands. 53°N , $172^{\circ}1/2$ E. - H=00:50:12 (USCGS). M=6 $1/4$ (Pasadena).
10	ei P	06 05 16 D	ei 0522. Very weak. $\Delta = 4085$ km. ~ 36.8 dg. Jan Mayen Island region. 71°N , 7°W . - H=05:58:06 (USCGS). M=6 $1/2$ -6 $3/4$ (Strasbourg).
26	e P e(PPP) i S	23 57 33 D 51 58 51	ei 5742, ei 5846. Very weak. $\Delta = 780$ km. ~ 7.0 dg. 40°N , $15^{\circ}5$ E, h=250 km. - 300 km. H=23:55:56 (BCIS).

B. SHORT DISTANCE SHOCKS

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Jan			
2	e(Pb)	10 22 59.3	Very weak. $\Delta=230$ km. ~ 2.1 dg.
	i Pg	23 00.4	
	e Sn	22.0	
5	e(Pb)	06 57(50.9)	P in time mark. Very weak. $\Delta=205$
	e Sn	58 11.9	km. ~ 1.8 dg. Felt at Patras.
	eiSb	15.6	
5	e?(Pg)	23 16 19.7	Very weak. $\Delta=75$ km. ~ 0.7 dg.
	eiSg	29.2	
8	i Pg	08 41 52.7	D i 4153, i 4207, i 4209. $\Delta=105$ km.
	i Pn	54.0	~ 0.9 dg. Foreshock. Felt on Euboea
	i Sg	42 05.7	(Limni VI, Aedipsos III) and to
			Lokris (Livanates IV, Oreoe II).
8	e Pg	09 59 08.0	i 5924. Very weak. $\Delta=100$ km. ~ 0.9
	i Pn	09.3	dg. Aftershock.
	e Sg	20.5	
9	i Pg	13 27 41.9	Weak. $\Delta=15$ km. ~ 0.1 dg.
	i Sg	43.6	
10	e Pg	18 22 48.6	Very weak. $\Delta=75$ km. ~ 0.7 dg.
	e Sg	57.9	
27	e Pn	02 39 03.8	Very weak. $\Delta=230$ km. ~ 2.1 dg. Felt
	i Sg	36.8	on Chios (Chios V) and Lesbos (My-
			tilini IV).
30	e Pg	18 29 31.9	C $\Delta=100$ km. ~ 0.9 dg. $\alpha_N=18\mu$, $T_N=$
	i Pb	32.8	1.6 sec., $\alpha_E=18\mu$, $T_E=1.0$ sec, $M=$
	i!!Pn	33.4	$4\frac{3}{4}$. Felt on Euboea (Vasilika VI ,
	i!!Sn	46.4	Oreoe V, Aedipsos IV+) and to Lo-
			kris (Livanates V).
31	i Pn	12 34 45.0	Weak. $\Delta=110$ km. ~ 1.0 dg. After-
	i Sn	58.9	shock. Felt on Euboea (Hag. Anna
			V) and to Lokris (Livanates IV).

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Feb			
1	e?(Pg) i Pn i Sn	03 17 23.1 24.2 38.0	e 1737. Δ = 108 km. ~ 0.9 dg. After- schock. Felt on Euboea (Hag. Anna V, Prokopion IV).
2	e?(Pn) e Pg eiSb	02 08 02.3 05.9 31.5	ei 0824. Very weak. Felt in the region of Messinia (Methoni IV) and Triphylia (Kyparissia III).
3	ei Pg i Sg	20 45 43.2 46 23.3	i 4545, ei 4612, ei 4617. Weak. Δ = 310 km. ~ 2.8 dg. $\alpha_N = 10\mu$, $T_N = 2.4$ sec., $\alpha_E = 17\mu$, $T_E = 2.4$ sec., $M = 5^{1/4}$ Aegean Sea. 40°3' N, 25°4' E. - H= 20:44:50 (BCIS). Recorded to 85° Felt on Samothraki, mainly to NW. (Samothraki, Kamariotissa, Palaeo- polio, Xeropotamos, Kourmeti, Lako- na, Alonia VI) to the province of Alexandroupolis (Ferrae IV+, Lou- tros III+, Ava III), on the Island Lemnos (Kastron IV) and to the province of Paggaeon (Eleutherou- polis III). Not felt at Kavalla and Drama. Many Afterschocks on Samothraki till February 25, 1952.
5	e Pg eiSb i Sg	22 12 (01.2) 21.6 23.0	P in time mark. Weak. Δ = 172 km. ~ 1.5 dg.
6	e?(Pg) i Pn i Sn	14 20 00.9 02.1 16.1	i 2015. Very weak. Δ = 112 km. ~ 1.0 dg.
11	i Pg i Sg	09 17 39.3 47.6	Weak. Δ = 65 km. ~ 0.6 dg. Felt on Euboea (Psachna VI-, Chalkis IV-).
13	e Pn e Sn	03 29 02.6 25.9	ei 2906. Very weak. Δ = 205 km. ~ 1.8 dg. Felt to the region of Messinia (Koroni IV+).

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Feb			
13	e Pn e Sg	08 54 15.2 34.6	Very weak. $\Delta=150$ km. ~ 1.3 dg. Felt to the region of Volos (Volos, Pagassae IV).
13	e Pn ei Sg	11 43 01.9 33.2	e 4328. Very weak. $\Delta=220$ km. ~ 2.0 dg. Foreshock.
13	e Pn eiPg e Sb i Sg	14 29 31.5 34.6 59.4 30 02.1	Weak. $\Delta=215$ km. ~ 1.9 dg.
17	e Pb e Sb	20 04 44.0 05 21.0	Very weak. $\Delta=305$ km. ~ 2.7 dg. Aftershock. Felt on Samothraki (Samothraki V ₊ , Lakona III ₊), to the province of Alexandroupolis (Alexandroupolis III ₊) and on the Island Lemnos (Kastron III).
19	e Pn eiSb	01 40 02.3 40.6	Very weak. $\Delta=305$ km. ~ 2.7 dg. Aftershock?
21	i Pn i Sg	11 28 34.3 C 54.0	Very weak. $\Delta=150$ km. ~ 1.4 dg.
23	i Pg i Sg	17 51 15.0 C 20.3	Weak. $\Delta=43$ km. ~ 0.4 dg.
23	i Pg eiSg	17 57 46.7 C 53.0	Weak. $\Delta=50$ km. ~ 0.4 dg. Aftershock?
23	i Pg ei Sg	22 06 06.1 11.0	Weak. $\Delta=40$ km. ~ 0.4 dg. Aftershock?
23	i Pg i Sg	22 06 (24.4) 30.0	Weak. $\Delta=45$ km. ~ 0.4 dg. Aftershock. The beginning is obscured by waves of the previous Shock.
28	e?(Pb) ei Pg i Sb ei Sg	01 21 59.5 22 01.0 26.3 29.0	Very weak. $\Delta=220$ km. ~ 2.0 dg. Felt on Lesbos (Skopelos IV, Mytilini III), and on Chios (Chios IV).

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Mar			
2	ei Pg i Pn eiSg	06 34 39.6 C 41.2 52.1	Very weak. $\Delta = 100$ km. ~ 0.9 dg.
9	e Pb e Pg e Sb e Sg	04 46 06.7 08.3 37.8 41.4	i 4610, i 4646. P in time mark. $\Delta = 255$ km. ~ 2.3 dg. $\alpha_N = 30\mu$, $T_N = 5.3$ sec; $\alpha_E = 22\mu$, $T_E = 3.3$ sec. $M = 5\frac{1}{4}$. Near west coast of Greece. $H = 04:45:23$ (USCGS). $38^\circ 0' N$, $20^\circ 8' E$. - $H = 04:45:25$ (BCIS). Recorded to 86° . Felt on Cephalonia (Argostolion V, Lixourion IV), on Leukas (Leukas III) and to the districts of Elis (Lechaena IV+, Letrinoe IV, Pyrgos II) and of Messinia (Charakopion III).
13	e Pg e Sg	02 57 54.4 C 58 05.6	Very weak. $\Delta = 90$ km. ~ 0.8 dg.
13	e Pn e Pb e Sn	06 31 06.8 C .14.5 54.1	e 3212, e 3214. Weak. $\Delta = 470$ km. ~ 4.2 dg. $\alpha_N = 11\mu$, $T_N = 2.9$ sec., $\alpha_E = 7\mu$, $T_E = 1.9$ sec., $M = 5\frac{1}{4} - 5\frac{1}{2}$. Turkey $41^\circ N$, $27^\circ 1/2' E$. - $H = 06:30:02$ (BCIS). Recorded to 27° .
18	e Pn e Sn	20 10 34.2 50.6	Weak. $\Delta = 137$ km. ~ 1.2 dg. Felt on the Islands Euboea (Vasilika IV+, Hag. Anna IV), Skiathos (Skiathos IV+) and Skopelos (Skopelos IV+).
18	e(Pg) e(Sn)	22 49 52.2 50 25.6	$\Delta = (460 \text{ km.}) \sim (4.1 \text{ dg.})$.
19	e? e(Pn) e Sn	01 28 (27.7) 35.2 29 25.2	P in time mark. e 2915, i 2934. $\Delta = 510$ km. ~ 4.6 dg. $\alpha_N = 121\mu$, $T_N = 8.8$ sec; $\alpha_E = 93\mu$, $T_E = 7.0$ sec. North-western Turkey. $40^\circ N$, $29^\circ E$. - $H = 01:27:23$ (USCGS). $40^\circ 0' N$, $28^\circ 8' E$. $H = 01:27:24$ (BCIS). $M = 6\frac{1}{4}$. Recorded to 109° .

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Mar			
21	e Pn e Pb e Sb	09 26 49.9 C 52.9 27 27.6	e 2722, e 2732, $\Delta = 278$ km. ~ 2.5 dg. Felt on the Islands Lesbos (Plomarion IV) and Chios (Nenita III).
22	ei Pn ei Sg	02 03 47.7 04 42.2	e 0417, ei 0432. $\Delta = 355$ km. ~ 3.2 dg. $\alpha_N = 8\mu$, $T_N = 6.8$ sec., $\alpha_E = 14\mu$, $T_E = 6.4$ sec., $M = 5^{1/4}$. Off south-west coast of the Island Crete $35^\circ N$, $23^\circ E$. - H=02:03:01 (BCIS). Recorded to 33° .
24	e Pg ei Sg	10 18 48.2 19 33.0	e 1925. Very weak. $\Delta = 345$ km. ~ 3.1 dg. Aftershock.
24	e Pg i Sg	21 56 (31.4) 47.4	P in time mark. Very weak. $\Delta = 130$ km. ~ 1.2 dg.
25	e Pn e Sn e Sb i Sg	03 36 06.7 C 50.2 37 06.2 13.6	i 3609, e 3613, e 3618, i 3647, i 3654, i 3701. $\Delta = 425$ km. ~ 3.8 dg. $\alpha_N = 27\mu$, $T_N = 6.1$ sec.; $\alpha_E = 21\mu$, $T_E = 6.6$ sec. $M = 5^{1/2}$. Off south-west coast of the Island Crete. H=03:35:13 (USCGS) $34^\circ 3' N$, $23^\circ 4' E$. - H=03:35:11 (BCIS). Recorded to 90° .
28	e Pg e Sb	21 21 20.0 C 48.6	ei 2123, ei 2126, i 2155. Weak. $\Delta = 250$ km. ~ 2.3 dg. $\alpha_N = 4\mu$, $T_N = 2.3$ sec., $\alpha_E = 3\mu$, $T_E = 2.1$ sec., $M = 4^{3/4}$. Off west coast of Peloponesus. $37^\circ 3/4' N$, $21^\circ E$. - H=21:20:37 (BCIS). Recorded to 22° . Felt on Cephalonia (Argostoli IV+) and to Elis (Lechaena IV+, Letrinoe III+).
Apr			
3	e Pg i Sg	03 20 46.3 21 19.2	i 2049, e 2112, e 2115. $\Delta = 285$ km. ~ 2.6 dg. $\alpha_N = 23\mu$, $T_N = 3.7$ sec; $\alpha_E = 18\mu$, $T_E = 3.3$ sec. $M = 5^{1/4}$. Io-

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Apr			nian Sea. $38^{\circ}1/2$ N, $20^{\circ}1/2$ E.- H=03:20:00 (BCIS). Recorded to 60° Felt on Cephallonia (Argostolion, Pharaklata V, Assos, Asprogherakas IV) and to the provinces of Elis (Lechaena, Kyllini IV) and of Acarnania (Astakos III+).
6	e(Pg) e(Sg)	05 33 12.7 33.8	Very weak. $\Delta = 167$ km. ~ 1.5 dg.
6	e Pn eiSn	14 32 40.5 33 23.2	e.3333. Very weak. $\Delta = 420$ km. ~ 3.8 dg. Felt on Rhodes (Tilos IV).
9	e Pn e(Pb) e Sn ei Sb	08 35 16.2 D 19.6 47.0 55.6	i 3551. Weak. $\Delta = 287$ km. ~ 2.6 dg. $a_N = 11\mu$, $T_N = 6.2$ sec., $\alpha_E = 11\mu$, $T_E = 7.8$ sec., $M = 5$. $37^{\circ}8$ N, $26^{\circ}9$ E.- H=08:34:35 (BCIS) Recorded to 11° . Felt on Samos (Chora VI-, Limin Vathy, Pagonda, Spatharei, Mytilini V, Karlovasi IV+, Tiganion. Marathokampos. IV) and on Chios (Chios III). Not felt on Patmos, Andros and Tenos. A great many foreshocks and Aftershocks.
9	e Pn e Sn	13 11 44.0 12 08.6	e 1148, i 1213. Weak. $\Delta = 225$ km. ~ 2.0 dg. $\alpha_N = 6\mu$, $T_N = 2.5$ sec., $\alpha_E = 9$, $T_E = 1.5$ sec., $M = 4\frac{3}{4}$ -5. Ionian Sea. $37^{\circ}4$ N, $21^{\circ}3$ E.- H=13:11:09 (BCIS). Recorded to 23° . Felt to the province of Elis (Katakolon V, Gastouni, Pyrgos, Letrinae, Lechaena, Kyllini, Epitalion IV+) and on the Islands Zante (Zante III+) and Cephallonia (Asprogherakas II).
9	e Pn e Sb e Sg	19 07 03.5 32.0 34.3	e 0738, e 0740. Very weak. $\Delta = 217$ km. ~ 2.0 dg. Felt on Chios (Chios III+) and Lesbos (Mytilini II+).

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Apr 10	e Pn e Sg	01 34 40.2 58.1	e 3459. Very weak. $\Delta = 140$ km. ~ 1.3 dg. Felt to Parnassis (Amphissa IV+).
11	e Pg e Sg	07 41 06.1 41.5	ei 4110, e 4146. Weak. $\Delta = 274$ km. ~ 2.5 dg, West Greece. $38^{\circ}.9$ N; $20^{\circ}.9$ E.-.07:40:22 (BCIS). Recorded to 28° . Felt to the province of Vonitsa (Astakos, Mytikas, Katouna IV), on the Island Leukas (Leukas III) and at Preveza III.
13	ei Pn i Sg	16 36 15.0 30.5	i 3616, i! 3617, ei 3618. $\Delta = 130$ km. ~ 1.2 dg. $\alpha_N = 33\mu$, $T_N = 1.7$ sec; $\alpha_E = 36\mu$, $T_E = 1.4$ sec. $M = 5$. $38^{\circ}.7$ N, $22^{\circ}.5$ E.- H=16:35.9 (BCIS). Recorded to 28° . Felt on Euboea (Vasilika, Aedipsos V, Oreoe IV), on Skiathos (Skiathos IV) and to the provinces of Lokris (Livanares V), of Parnassis (Amphissa IV) and of Magnesia (Pagasae III).
15	e Pg i Sg	02 38 21.2 C 33.0	Weak. $\Delta = 95$ km. ~ 0.9 dg. Felt to Korinthia (Xylokastron V, Vello IV+).
21	e Pn i Sg	02 11 10.8 C 46.6	ei 1117, ei 1140, ei 1143. Weak. $\Delta = 244$ km. ~ 2.2 dg. $\alpha_N = 9\mu$, $T_N = 2.0$ sec., $\alpha_E = 8\mu$, $T_E = 1.7$ sec., $M = 5$. Aegean sea. 40° N, 25° E.- H=02:10.6 (BCIS). Felt on Lemnos (Kastron V). Recorded to 10° .
24	e Pg e Sg	11 07 37.0 44.9	Very weak. $\Delta = 62$ km. ~ 0.6 dg.
25	e Pg i Sg	18 53 51.2 D 54 04.8	i 5406. Weak. $\Delta = 110$ km. ~ 1.0 dg.

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Apr 29	e Pn ei Sn e Sb	09 57 40.5 C 58 16.2 27.8	e 5822. Very weak. $\Delta = 340$ km. ~ 3.1 dg. !
30	e?(Pn) e Pg e Sb	15 13 36.3 43.5 20.8	Very weak. $\Delta = 322$ km. ~ 2.9 dg.
May 1	e Pg e(Sb) eiSg	00 13 16.6 D 38.3 40.3	e? 1314. Very weak. $\Delta = 187$ km. ~ 1.7 dg.
1	e Pg i Sg	03 41 40.2 52.0	i 4141 C, e 4151. Weak. $\Delta = 94$ km. ~ 0.8 dg. Felt to the province of Lokris (Martino IV).
1	e Pg i Sg	21 59 35.3 D 48.5	Weak. $\Delta = 105$ km. ~ 0.9 dg. $\alpha_E = 28\mu$, $T_E = 1.4$ sec., $\alpha_N = 18\mu$, $T_N = 1.7$ sec. $M = 5$. Felt to the provinces of Korinthia (Nemea V, Velloso, Athikia, Xylokastron IV), of Argos (Argos, Achladokampos, Limnae V, Koutsopodi III), of Nauplia (Nauplion, Arachnaeon V, Gygyourio III) of Kynouria (Leonidion, Astros IV), of Spetsae (Kranidion III) and of Attica (Athens II). Not felt at Lavrion, Hag. Petros and on the Islands Hydra and Spetsae.
1	e Pb i Sg	22 08 52.8 09 05.1	i 0853 D. Weak. $\Delta = 105$ km. ~ 0.9 dg. Aftershock. Felt to the provinces of Nauplia (Nauplion IV), of Korinthia (Nemea, Xylokastron IV, Athikia III) and of Argos (Limnae, Argos IV). Two aftershocks at Argos and Nemea.
2	e Pg	18 46 49.9 47 03.5	Weak. $\Delta = 108$ km. ~ 1.0 dg. Aftershock. Felt at Nauplion III.

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
May			
3	e Pn	12 59 59.6	i 0001D, ei 0018, i 0025. Weak.
	ei Sn	13 00 19.1	$\Delta=172$ km. ~ 1.5 dg.
	i Sg	22.7	
3	e Pn	16 50 21.3	D Very weak. $\Delta=172$ km. ~ 1.5 dg. After-
	e Sb	43.5	shock? Felt at Patras III+.
	i Sg	44.7	
4	e?(Pg)	15 59 08	Very weak. $\Delta=(40$ km.) $\sim (0.4$ dg.).
	i Sg	13	Foreshock?
6	e Pg	02 20 06.8	Weak. $\Delta=48$ km. ~ 0.4 dg. Felt at
	i Sg	12.9	Skala Oropos IV.
8	e Pg	02 44 04.4	i 4417, i 4420. Weak. $\Delta=108$ km. $\sim$
	ei(Pn)	05.6	1.0 dg. Felt at Xylokastron IV.
	i Sg	17.8	
9	e Pn	19 10 35.3	e 1110. Very weak. $\Delta=200$ km. ~ 1.8
	e Sn	57.8	dg.
	e Sg	11 03.6	
10	e Pn	13 04 14.7	e 0430. Very weak. $\Delta=104$ km. ~ 0.9
	i Sg	26.3	dg. Felt at Xylokastron IV.
10	e Pn	14 20 44.4	e 2054. Very weak. $\Delta=98$ km. ~ 0.9
	e Sg	55.3	dg. Aftershock. Felt at Xylokas-
			tron IV.
15	e?(Pn)	08 38 14.1	ei 3838. Very Weak. $\Delta=198$ km. $\sim$
	e Pg	16.2	C 1.8 dg.
	i Sg	41.9	
20	i Pg	05 01 46.7	C i 0200. Very weak. $\Delta=100$ km. ~ 0.9
	i Sg	59.3	dg.
20	e Pg	15 30 18.1	e 3022 C. Very weak. $\Delta=280$ km. $\sim$
	e Sn	42.3	2.5 dg.
	eiSg	54.5	

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
May			
20	eiPn i(Sg)	23 25 37.7 C 26 03.9	e 2554, i 2601. Very weak. Δ =(190 km.) $\sim$ (1.7 dg.).
24	e(Pb) eiPg e(Sg)	16 21 47.0 49.3 22 26.8	e? 2146, e 2218. Very weak. Records obscured due to a preceding Long-shock. Δ =(290 km.) $\sim$ (2.6 dg.).
26	e(Pb) e Pg i(Sn) i Sb	17 02 14.5 D 15.3 D 33.5 35.9	Very weak. Δ =175 km. $\sim$ 1.6 dg.
27	e Pg e(Sb) i Sg	18 40 28.8 D 50.3 52.1	Very weak. Δ =182 km. $\sim$ 1.6 dg.
29	e Pn e Pg e Sn	00 36 57.9 37 04.0 29.2	Very weak. Δ =297 km. $\sim$ 2.7 dg.
29	e?(Pg) e Sg	07 08 42.3 46.6	Very weak. Δ =35 km. $\sim$ 0.3 dg.
29	e?(Pg) e Sg	08 03 45.6 49.9	Very weak. Δ =35 km. $\sim$ 0.3 dg. After-schock?
un			
1	i Pg i Sg	01 26 06.0 D 22.1	Weak. Δ =120 km. $\sim$ 1.1 dg. Felt to the province of Nauplia (Nauplion IV) and Korinthia (Xylokastron III).
1	i Pn i Sn	12 45 37.4 D 54.3	Very weak. Δ =142 km. $\sim$ 1.3 dg.
3	e Pn e Sn	23 14 58.5 15 13.8	e 1502, e 1510. Very weak. Δ =120 km. $\sim$ 1.1 dg. Felt to Korinthia (Xylokastron IV).

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Jun			
4	ei Pn e (Pb) i Sb i (Sg)	20 31 46.1 C 46.6 32 03.3 04.6	i! 3148, i! 3206, i! 3207, i! 3210. $\Delta = 140$ km. ~ 1.3 dg $\alpha_N = 25$, $T_N = 1.7$ sec; $\alpha_E = 29\mu$, $T_E = 3.0$ sec. M=5 Aegean sea. $39^{\circ}1' N, 24^{\circ}2' E.$ - H=20:31:21 (BCIS) $39^{\circ}1' N, 24^{\circ}3' E.$ - H=20:31:21 (Trieste). Recorded to 21°. Felt to the province of Vo- los (Argalasti V) and on the Is- lands Skiathos (Skiathos V), Sko- pelos (Skopelos V) and Euboea (Vasilika, Hag. Anna IV, Aedipsos, Oreoe III).
5	i Pg i Pn e Sg	23 43 09.1 D 10.6 D 21.2	Very weak. $\Delta = 98$ km. ~ 0.9 dg.
7	e Pn i Sb i Sn	22 00 (50.6) 01 02.5 03.8	P in time mark. Very weak. $\Delta = 105$ km. ~ 0.9 dg.
8	i(Pb) i Sg	07 17 07.7 20.0	e 1718. Very weak. $\Delta = 105$ km. $\sim$ 0.9 dg.
9	e Pg eiSg	14 49 31.4 C? 50 20.3	e 5010, i 5029. Weak. $\Delta = 380$ km. ~ 3.4 dg. Aegean Sea. $36^{\circ}6' N,$ $27^{\circ}6' E.$ - H=14:48:31 (BCIS). Re- corded to 65° . Felt on the Islands Symi (Symi V) and Kos (Kos III). Not felt on Rhodes.
11	e Pb e Sn	05 04 31.8 D? 05 08.0	e 0434, e 0502, e 0510. Very weak. $\Delta = 420$ km. ~ 3.8 dg. Foreshock?
12	e?Pn e Sg	11 01 12.0 02 17.7	e 0114 C, i 0229, i 0238. Weak. $\Delta = 420$ km. ~ 3.8 dg. Near southeast coast of Crete. H=11:00:09 (USCGS) $34^{\circ}8' N, 26^{\circ}1' E.$ - H=11:00:10 (BCIS) $34^{\circ}0' N, 26^{\circ}7' E.$ H=11:00:01 (Tri- este). Recorded to 80° .

<u>Time</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Jun 12	e Pg i Sg	23 06 16.2 28.4	i 0619, i 0632. Very weak. $\Delta = 98$ km. ~ 0.9 dg. Felt to Korinthia (Xylokastron IV).
13	i Pn i Pg i Sn i Sb	01 07 49.5 50.1 C 08 06.7 07.8	i 0804, i 0810. $\Delta = 148$ km. ~ 1.3 dg. $\alpha_N = 80\mu$, $T_N = 5.6$ sec.; $\alpha_E = 86\mu$, $T_E = 4.8$ sec. $M = 5^{1/2}$. $37^\circ 34' N$, $22^\circ 16' E$. Near in the midst of the Peloponnesus. - H=01:07:25 (USCGS). $37^\circ 5' N$, $22^\circ 1' E$, H=01:07:23 (BCIS). $37^\circ 5' N$, $22^\circ 2' E$. - H=01:07:22 (Trieste). Recorded to 86° . Felt to Arcadia (Perivolia, Potamia VIII, Chontalon, Veligosti, Kalyvia VII, Neochorion, Choremi VI, Anemodouri V+, Makrision, Dimitzana, Lagadia, Kandalos V, Ano Kollinae, Tripolis, Vervaena, Doliana, Vytina, Valtetsi, Vlachokerasia IV), Messinia (Oechalia VI, Charokopion, Skala V, Messini, Kalamae, Koroni, Kyparrissia IV, Philiatra III), Elis (Andritsaena, Zacharo V, Lechaena, Letrinoe, Kabydona IV) Laconia (Loganikos VI, Oetylos IV, Gythion, Daphni, Gheraki, Kardamyli III, Vrontamas II), Argolis (Argos IV, Nauplion III) and Achaia (Patras, Kalavryta III). Not felt at Molaoe, Areopolis, Petalidion (?), Methoni and Aegion.
13	e Pn i Sn	04 31 29.5 42.5	e 3131, i 3146. $\Delta = 100$ km. ~ 0.9 dg. Felt to Korinthia (Xylokastron IV).
13	e(Pg)	06 40 44.5	i 41(02). S in time mark. Afterschock. Felt to Korinthia (Xylokastron IV).
13	e Pg i Sg	09 36 34.2 C 46.9	Very weak. $\Delta = 100$ km. ~ 0.9 dg. Aftershock. Felt To Korinthia (Xylokastron IV).

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Jun			
13	e Pg i Sb i Sn	17 34 (50.6) 35 04.9 05.8	e 3503. P in time mark. Very weak. $\Delta=100$ km. ~ 0.9 dg. Aftershock.
15	e(Pb) i Sn	21 01 26.1 C 39.6	Very weak. $\Delta=100$ km. ~ 0.9 dg. Aftershock?
19	e? e(Sn)	00 24 17.0 36.5	e 2421, e 2507, e 2517, ei 2526 Very weak. $\Delta=410$ km. ~ 3.7 dg. Yugoslavia:- $41^{\circ}1/4$ N, $21^{\circ}1/2$ E. H=00:22:58 (BCIS). Recorded to 23°.
22	e Pg i Sg i(Sn)	22 29 45.6 C 58.5 30 00.4	i 2946. Weak. $\Delta=102$ km. ~ 0.9 dg. Felt to Kynouria (Doliana IV), Nauplia (Nauplion IV) and Argolis (Argos IV).
24	e?Pb e Sg	22 44 29.0 41.0	e 4444. Very weak. $\Delta=102$ km. ~ 0.9 dg. Felt to Korinthia (Xulokas- tron II).
26	e Pn i Sn	07 14 13.3 29.8	i 1414, i 1432, i 1434. Weak. Felt on Skiathos (Skiathos II).
26	e Pn e Sg	18 54 01.6 13.3	Very weak. $\Delta=105$ km. ~ 0.9 dg. Aftershock? Felt on Skiathos (Skiathos II).
27	e Pg e Sg	02 52 13.5 26.7	Weak. $\Delta=105$ km. ~ 0.9 dg.
27	e(Pb) e Pg e Sb	13 10 05.3 08.1 44.2	e 1003 C, i 1033, e 1039. Weak. $\Delta=315$ km. ~ 2.8 dg. $\alpha_N=11\mu$, $T_N=$ 2.5 sec., $\alpha_E=20$, $T_E=2.6$ sec., $M=5^{1/4}$. North of the Chalcidique Peninsula. $40^{\circ}8$ N, $23^{\circ}7$ E.- H= 13:09:14 (BCIS) Recorded to 85°. Felt to the region of Thessaloni- ca (Askos, Sochos, Zagliverion, Arnea VI, Vasilika, Stavros, Or-

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
			mylia, Gomation, Vavdos, Hierissos: Moni Vatopédiou V, Thessalonica, Nea Moudania, Nigrita, Lagada IV), Kilkis (Kilkis IV), Kavalla (Eleu- theroupolis, Kallirachi IV, Kaval- la III), Serrae (Rodolivos, Hag. Pneuma IV, Serrae, Alistrati III) and Larissa (Elasson III) and on the Island Thasos (Thasos III). Not felt at Drama, Vatta and Kate- rini.
ul 2	e Pn i Pg i Sg i(Sn)	22 29 21.5 C 22.0 38.9 39.5	Weak. $\Delta=148$ km. ~ 1.3 dg.
2	e(Pb) e Sn	03 19 57.0 20 30.5	Very weak. $\Delta=380$ km. ~ 3.4 dg. Felt to the province of Serrae (Serrae, Hag.Pneuma IV)..
8	e(Pb) i Pg eiSn i Sb i Sg	20 59 18.7 21.7 D 45.2 52.5 57.5	i 5958, i 0001, i 0003. $\Delta=268$ km. ~ 2.4 dg. $\alpha_N=7\mu$, $T_N=5.0$ sec., $\alpha_E=$ 12, $T_E=4.4$ sec., $M=5$. Off south- west coast of Peloponnesus. $36^{\circ}2$ N, 21.9 E.- H=20:58:37 (BCIS). $36^{\circ}2$ N, 21.6 E.-H=20:58:36 (Triest). Recorded to 24° .
13	e Pn i Sn	07 10 16.9 C 35.5	i 1045, i 1048. Very weak. $\Delta=160$ km. ~ 1.4 dg. $\alpha_N=6\mu$, $T_N=1.7$ sec., $\alpha_E=8\mu$, $T_E=1.4$ sec., $M=4\frac{3}{4}$. Felt to the provinces of Phtiotis (Ladi- kon VI, Lamia, Hypati V), of Par- nassis (Amphissa, Galaxidion III). Not felt at Oreoe, Halmyros, Limni, Lidorikion, Itea, Chalkis and Liva- nates. About 39° N, $22^{\circ}5$ E.-H=07: 09,7 (BCIS). Recorded to 10° .

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Jul			
14	i Pn i Pb e Sb i Sg	02 16 43.4 C 45.7 12.0 14.8	e 1648, e 1710. Weak. $\Delta = 220$ km. ~2.0 dg. $\alpha_N = 3\mu$, $T_N = 1.2$ sec. $\alpha_E = 6\mu$, $T_E = 1.6$ sec. $M = 4\frac{3}{4}$. Near South-west coast of Peloponesus. About $37^\circ N$, $21^\circ\frac{3}{4} E$. H=02:16:03 (BCIS) Recorded to 23° .
16	e Pg e(Sb) eiSg	02 00 48.0 26.5 32.9	e? 0041, e 0043 C, ei 0120. Very weak. $\Delta = 345$ km. ~3.1 dg. Felt on the Island Corfou (Kynopiastes V+, Lëukimi, Argyrades V, Karoussades IV, Avliotes IV-, Corfou III) and to Epirus (Egoumenitsa V, Margarition IV+). $39^\circ.5 N$, $20^\circ.3 E$. - H=01:59.7 (BCIS). Recorded to 21° .
18	e Pn i Sg i Sn	14 45 41.8 D? 55.0 55.9	i 4543, i 4558. Very weak. $\Delta = 112$ km. ~1.0 dg. Felt on Eoboea (Aedipsos V).
18	e Pg i Sg	22 34 38.4 C? 50.8	Very weak. $\Delta = 99$ km. ~0.9 dg. Felt at Nauplion V.
20	e Pb e Sb	11 06 33.7 C 07 29.9	e 0643, ei 0755. Very weak. $\Delta = 454$ km. ~4.1 dg. Off southeast coast of the Island Crete. $34^\circ.8 N$, $26^\circ.5 E$. H=11:05:27 (BCIS). Recorded to 26° .
21	e (Pg) e (Sg)	11 09 02.5 14.6	ei 0905. Very weak. $D = 97$ km. 0.9 dg.
22	e Pn i Sg	08 48 15.1 30.0	Weak. $\Delta = 126$ km. ~1.1 dg. Felt to the province of Phthiotis (Ladikon V).
23	e Pg eiSn	13 02 05.9 28.9	ei 0226. Very weak. $\Delta = 260$ km. ~2.3 dg. Felt on the Island Leukas (Leukas IV).
24	e Pb e Sn	21 43 03.5 29.3	Weak. $\Delta = 270$ km. ~2.4 dg.

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Jul			
28	i Pn i Sg	16 48 26.1 D 40.0	e 4843 Weak. $\Delta = 118$ km. ~ 1.1 dg.
30	e Pg e Sg	07 00 21.3 C 26.5	Very weak. $\Delta = 42$ km. ~ 0.4 dg.
30	i Pg i Sg	07 55 49.4 55.2	Weak. $\Delta = 45$ km. ~ 0.4 dg.
31	e Pg e Sg	07 03 05.1 10.4	Very weak. $\Delta = 44$ km. ~ 0.4 dg. Aftershock?
Aug			
2	e? (Pn) e Pb e Sg	20 50 31.8 33.4 C 51 00.9	e 5035, i 5037, e 5057, i 5102. Weak. $\Delta = 205$ km. ~ 1.8 dg. Off north coast of the Island Crete about $36^{\circ}1/2$ N, $24^{\circ}1/2$ E. - H=20:50, 1 (BCIS). Recorded to 10° .
2	e Pn i Pb e Sn i Sb	20 51 56.6 58.4 52 19.0 22.3	Weak. $\Delta = 200$ km. ~ 1.8 dg. After- shock obscured somewhat by the waves of the previous shock.
2	e Pn e Sn e Sb	21 14 26.2 49.2 52.7	e 1451. Very weak. $\Delta = 205$ km. ~ 1.8 dg.
4	e Pg e Sg	12 36 09.5 D? 17.9	Very weak. $\Delta = 68$ km. ~ 0.6 dg.
5	e Pn e Pb e Sg	05 41 27.9 30.5 42 05.6	Very weak. $\Delta = 255$ km. ~ 2.3 dg.
8	e Pn e Sg	08 35 52.9 36 07.9	Very weak. $\Delta = 125$ km. ~ 1.1 dg. Foreshock?
8	e Pn e Sg	11 47 40.8 C 55.8	e 4753. Weak. $\Delta = 125$ km. ~ 1.1 dg. Felt to Phtiotis (Sperchias IV).

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Aug 10	i Pg e Sg e Sb	03 43 03.5 C 11.7 13.5	Very weak. $\Delta = 68$ km. ~ 0.6 dg.
13	i Pn i Sn i Sg	09 33 46.9 C 34 06.6 10.6	i 3349, i 3411, i 3413. Weak. $\Delta = 174$ km. ~ 1.6 dg.
15	e?Pn e Sn e Sg	12 12 00.4 20.0 23.7	e 1201, e 1203 C, i 1221. Very weak. $\Delta = 174$ km. ~ 1.6 dg. After- shock?
15	i Pg i Pn eiSg	15 27 47.8 D 49.5 59.7	e 2803. Weak. $\Delta = 95$ km. ~ 0.9 dg.
18	e Pn e Sn	11 05 38.8 55.5	Very weak. $\Delta = 140$ km. ~ 1.3 dg. Felt to Parnasis (Galaxidi IV).
21	e Pg i Sb ei Sg	04 19 12.2 C 46.3 51.0	i 1913 D, e 1921, e 1957. Weak. $\Delta = 302$ km. ~ 2.7 dg. $\alpha_N = 4$, $T_N = 1.9$ sec., $\alpha_E = 8$, $T_E = 2.2$ sec., $M = 5$. Near north coast of the Island Crete. $35^\circ 7' N$, $25^\circ 3' E$. - $H = 04$: $18:21$ (BCIS), $35^\circ 0' N$, $25^\circ 7' E$. - $H = 04:18:16$ (Triest). Recorded to 89° . Felt on the Island Crete (Heraklion, Ghonies VI, Phourni V, Neapolis IV+, Sitia, Ampelou- zos IV, Anoghia, Rethymnon III). Not felt at Chania.
21	e Pg e Sg	16 27 47.9 53.9	Very weak. $\Delta = 50$ km. ~ 0.5 dg.
21	e Pb e Sg	16 59 28.0 17 00 09.9	e 5925, e 5935, e 5959, e 0004. $\Delta = 300$ km. $2.7 \sim$ dg. Aftershock?
22	e Pn i Pg eiSn	22 43 30.0 32.6 52.0	Very weak. $\Delta = 198$ km. ~ 1.8 dg. Foreshock?

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Aug 23	e Pn ei Pg e Sb eiSg	03 27 41.0 43.2 C 28 07.5 09.5	ei 2812. Weak. $\Delta=202$ km. ~ 1.8 dg. Near southwest coast of Peloponne- sus. H=03:27:10 (BCIS). Felt in the region of Messinia (Chora V, Kypa- rissia, Methoni IV).
23	i Pn i Sb i Sg	11 19 59.8 C 20 18.3 19.1	Weak. $\Delta=148$ km. ~ 1.3 dg. Felt in Skopelos III.
23	i Pn i Sg	11 20 01.8 21.0	Weak. $\Delta=148$ km. ~ 1.3 dg. Felt on Skopelos III.
24	i Pg i Sg	15 20 00.6 C? 22.5	i 2002 D, i 2025. $\Delta=175$ km ~ 1.6 dg. $\alpha_N=10\mu$, $T_N=1.2$ sec., $\alpha_E=16\mu$, $T_E=$ 1.3 sec., $M=4^{3/4}$ -5. Felt to Phtio- tis (Sperchia's V, Ladikon IV+) 39.1 N, 22.4 E.- H=15:19:32 (BCIS). Re- corded to 22° .-
24	ei Pg i Sg	18 08 52.8 D 09 32.7	e 0849, ei 0858, i 0902, e 0927, i 0936, i 0938, i 0942. Weak. $\Delta=305$ km. ~ 2.7 dg. $\alpha_N=4$, $T_N=2.8$ sec., $\alpha_E=8$, $T_E=4.0$ sec., $M=5$. Ionian Sea 37.2 N, 20.6 E.- H=18:08:00 (Triest). Recorded to 23° .-
24	e Pn eiSn	20 45 26.1 C 46 15.1	ei 4536, i 4541, ei 4626, ei 4636. Weak. $\Delta=490$ km. ~ 4.4 dg. $\alpha_N=6\mu$, $T_N=$ 7.4 sec., $\alpha_E=7\mu$, $T_E=7.4$ sec., $M=$ $5^{1/4}$. Mediterranean sea. About 100 miles east of Crete. 35.0 N, 28.0 E.- H=20:44:15 (BCIS), 34.9 N, 27.6 E.- H=20:44:13 (Triest). Recorded to 91° .
29	e(Pb) eiSn	21 21 10.0 50.2	e?2108, e 2143, i 2200. Very weak. $\Delta=480$ km. ~ 4.3 dg. Aftershock?
Sep 1	e Pb e(Sn) e Sb	21 00 43.3 D? 01 09.4 12.8	Very weak. $\Delta=210$ km. ~ 1.9 dg. Felt in the region of Messinia (Chora VI, Kyparissia IV, Methoni III+) Within 48 hours more than 20 Aftershocks at Chora.



<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Sep			
1	e Pg e Sb	22 18 53.7 C 19 18.1	e 1915. Very weak. $\Delta = 210$ km. ~ 1.9 dg. Felt at Chora and Kypa- rissia.
1	e(Pb) e Pg e Sn e(Sb) e Sg	22 42 46.1 47.7 C 43 08.8 12.4 15.4	Very weak. $\Delta = 215$ km. ~ 1.9 dg. Felt at Chora and Kyparissia.
2	e Pg e Sn eiSb	04 43 56.6 C 44 16.6 19.9	e 4414. Very weak. $\Delta = 200$ km. ~ 1.9 dg. Felt at Chora and Kyparissia.
2	e eiPg i Sb i Sg	23 20 37.1 38.8 C 21 04.1 06.6	ei 2041 e 2102. $\Delta = 215$ km. ~ 1.9 dg. $\alpha_N = 28\mu$, $T_N = 6.1$ sec., $\alpha_E = 22\mu$, $T_E = 5.5$ sec., $M = 5^{1/4}$. Near South- west coast of Peloponnesus. Felt at Kyparissia VI and Methoni III+. 37°2' N, 21°6' E. - H=23:20:04 (BCIS) 36°6' N, 21°9' E. - H=23:19:54 (Tri- est). Recorded to 86°.
4	e(Pn) eiSn eiSg	06 22 27.4 C? 50.2 57.4	e 2233, ei 2253. Very weak. $\Delta = 215$ km. ~ 1.9 dg. Felt at Kyparissia III.
5	e Pg e Sg	09 29 34.1 D 30 01.4	i 2937. Very weak. $\Delta = 215$ km. ~ 1.9 dg. Felt at Kyparissia IV and Me- thoni III.
5	e Pn e(Pb) e(Sb)	12 35 44.9 50.2 36 36.6	Very weak. $\Delta = (375 \text{ km.}) \sim (3.4 \text{ dg.})$
7	i Pg eiSg	14 49 49.5 53.7	Very weak. $\Delta = 34$ km. ~ 0.3 dg.
7	e(Pg) i Sg	20 48 05.0 11.8	Very weak. $\Delta = 55$ km. ~ 0.5 dg.



<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Sep 10	e Pg i Sg	23 31 31.4 59.0	e 3156. Very weak. $\Delta = 215$ km. ~ 1.9 dg. Felt to Olympia (Kalydona, Zacharo IV) and to Triphylia (Kyparissia IV).
11	e Pn e Sg	02 22 13.6 26.6	Very weak. $\Delta = 112$ km. ~ 1.0 dg.
11	e Pn e Sn eiSb	07 22 21.6 52.0 23 00.1	e 2228. Very weak. $\Delta = 285$ km. ~ 2.6 dg.
11	e Pg e Sg	07 53 38.2 44.3	Very weak. $\Delta = 48$ km. ~ 0.4 dg.
12	eiPn e Sn i Sb	01 04 44.8 C 05 18.8 29.1	i 0453 C. $\Delta = 312$ km. ~ 2.8 dg. $\alpha_N = 23\mu$, $T_N = 6.1$ sec., $\alpha_E = 32\mu$, $T_N = 7.0$ sec. $M = 5^{1/4}$ Ionian Sea. $37^\circ 6' N$, $20^\circ 5' E$. - H=01:03:59 (BCIS). Recorded to 23° .
12	i Pg i Sg	04 22 29.0 D 43.5	Weak. $\Delta = 115$ km. ~ 1.0 dg. Felt at Nauplion IV and at Tripolis IV.-
12	i Pg i Sg	14 04 01.4 C 08.3	Very weak. $\Delta = 56$ km. ~ 0.5 dg.
12	i Pg i Sg	14 04 44.8 C 50.9	$\Delta = 48$ km. ~ 0.4 dg. $\alpha_N = 54\mu$, $T_N = 2.1$ dg. $\alpha_E = 49\mu$, $T_E = 2.6$ dg. $M = 5$. Felt to the provinces of Thebes (Mourikion, Chlempotsarion, Schimatarion VI, Dritsa, Chalia V, Thebes IV) of Chalkis (Chalkis, Amarynthos IV, Psachna III-), of Attica (Skala Oropos IV, Athens, Phaleron, Piraeus, Penteli III, Marathon, Grammatiko III-) and of Lokris (Atalanti III). Not

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Sep			felt at Livanates, Oreoe, Petro- magoula and Kalamos.
12	i Pg i Sg	21 06 49.5 55.7	Very weak. $\Delta=48$ km. ~ 0.4 dg. Felt at Chalkis IV.
14	e Pn ei Sg	00 20 35.1 21 19.6	e 2044, e 2114. Very weak. $\Delta=$ 295 km. ~ 2.7 dg.
14	e Pg i Sg	14 14 15.2 C 27.7	e 4427, e 4430. Very weak. $\Delta=100$ km. ~ 0.9 dg.
14	e Pn i Pb i Pg e Sn i Sb	17 24 22.0 D 24.3 C 26.7 49.1 55.3	e 2452. Weak. $\Delta=250$ km. ~ 2.3 dg.
15	e Pg i Sg	01 06 (56.5) 59.3	Weak. P in time mark. $\Delta=22$ km. $\sim$ 0.2 dg. Felt in the region of Attica (Boghiati, Chassia, Baphi, Penteli, Sparta, Hag. Paraskevi IV, Athens, Marathon III, Koropi III-). Not felt at Skala of Oro- pos.
15	e Pn eiPg e Sg	02 58 46.3 52.2 59 30.3	e 5924, e 5927. Very weak. $\Delta=$ 290 km. ~ 2.6 dg.
15	e Pg e Sg	04 53 16.3 28.1	Very weak. $\Delta=90$ km. ~ 0.8 dg.
15	i Pg i Sg	13 04 06.6 C 10.1	Very weak. $\Delta=28$ km. ~ 0.3 dg.
15	e Pb eiSb ei(Sg)	19 29 38.8 30 16.0 21.4	ei 3038. Very weak. $\Delta=300$ km. $\sim$ 2.7 dg. $\alpha_N=4\mu$, $T_N=4.2$ sec., $\alpha_E=9\mu$, $T_E=6.4$ sec., $M=5$. Aegean Sea. Felt on Samos (Limin of Vathy III) and on Chios (Chios III-). -37.5 N,

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Sept			27°0 E.- H=19:28:53 (BCIS). Recorded to 34°.
16	i Pg i Sg	00 27 44.7 (49.9)	Very weak. S in time mark. Δ =42 km. ~ 0.4 dg.
17	e Pn e Sn	11 53 36.4 59.3	e 5357. Very weak. Δ =210 km. ~ 1.9 dg. Microseisms obscure records somewhat.
18	e Pb e Sn eiSb	00 28 32.7 29 00.7 14.3	ei 2917. Very weak. Δ =300 km. ~ 2.7 dg.
18	e Pg e Sn i Sg	11 29 27.8 44.6 46.1	e 2943. Weak. Δ =142 km. ~ 1.3 dg.
18	e? (Pn) e Pb e Sb e Sg	20 42 58.9 43 03.2 42.4 47.6	e 4312, e 4337. Very weak. Δ =318 km. ~ 2.9 dg.
20	e Pg e Sg i Sn	23 07 23.2 30.8 35.6	Very weak. Δ =62 km. ~ 0.6 dg.
21	e? (Pg) e Sg	05 36 43.0 46.8	Very weak. Δ =(30 km.) ~ (0.3 dg).
23	e e Pg e Sb	20 32 07.3 21.3 33 19.7	e 3256, e. 3259, e 3310. Weak. Δ =525 km. ~ 4.7 dg. α_N =19 μ , T_N =7.9 sec., α_E =11 μ , T_E =8.8 sec., M =5 ¹ / ₂ . Southwestern Turkey. H=20:30:58 (USCGS). 36°3/4 N, 29°3/4 E.- H=20:30:52 (BCIS). Recorded to 90°.
25	e Pg e(Sg)	13 49 39.3 42.4	Traces. Δ =(26 km.) ~ (0.2 dg.).
25	e Pb i Sb	17 44 19.0 45 25.0	e 4428, i 4437, i 4512. Weak. Δ =535 km. ~ 4.8 dg.

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Sep			
28	e?(Pg) e Sg	11 52 28.2 36.3	D? Traces. $\Delta = 65$ km. ~ 0.6 dg.
30	e?(Pg) e Sg	07 48 54.2 49 01.5	Traces. $\Delta = 60$ km. ~ 0.5 dg.
30	e?(Pn) e Pg i Sg	22 24 02.6 05.1 31.7	e 2427, e 2429. Very weak. $\Delta = 205$ km. ~ 1.8 dg. Felt to Pylos (Charokopio IV+).
Oct			
3	e Pn e Pg e Sg	10 37 18.2 24.3 58.1	C ei 3753. Weak. $\Delta = 295$ km. ~ 2.7 dg.
4	e Pn e(Sn) eiSg	00 49 53.2 50 25.4 38.3	C ei 5031. Weak. $\Delta = 298$ km. ~ 2.7 dg.
4	e Pb e Sb	02 14 02.1 45.4	C e 1439, ei 1451. Very weak. $\Delta = 312$ km. ~ 2.8 dg.
5	ei i Pg i!Sg	10 22 05.6 10.8 51.3	i 2217, i 2300, i! 2306. $\Delta = 312$ km. ~ 2.8 dg. $\alpha_N = 20\mu$, $T_N = 3.6$ sec., $\alpha_E = 34\mu$, $T_E = 6.3$ sec. $M = 5^{1/4} - 5^{1/2}$. Felt on Cephallonia (Argostolion IV) and Leukas (Leukas III) and to the province of Elis (Lechaena III), $37^{\circ}1$ N, $20^{\circ}4$ E. - H=10:21:18 (BCIS). $M = 4^{2/3}$ (Uppsala). Recorded to 23° .
5	e Pn eiSb	10 33 24.8 34 05.6	i 3331, ei 3337, e 3358, e 3412. Weak. $\Delta = 300$ km. ~ 2.7 dg. Fore-shock. H=10:32:44 (BCIS).
5	eiPn	10 55 38.4	C
5	i!Pb i Sn	10 55 48.8 56 16.7	i 5631. Probably two shocks successives. $\Delta = 298$ km. 2.7 dg. $\alpha_N = 162\mu$, $T_N = 5.6$ sec., $\alpha_E = 313\mu$, $T_E =$

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Oct			=8.5 sec. M=6. Off southwest coast of the Island Zante. $37^{\circ}1/2$ N, $20^{\circ}1/2$ E.- H=10:54:56 (BCIS). M=5$1/4$ to 5$1/2$ (Uppsala). Recorded to 100°. Felt on Zante (Zante V, Mouzakion IV), Cephallonia (Chavdata V, Argostolion, Lixourion IV). Ithaca (Ithaca III), Leukas (Leukas III) and to the provinces of Elis (Katakolon, Lechaena V, Vartholomio, Kyllini IV+, Gastouni, Pyrgos IV, Andravida III), of Vonitsa (Astakos IV) and of Preveza (Preveza III). Not felt at Zacharo, Kyparissia, Philiatra and Mytikas (?).
5	e Pg e Sb	11 18 58.9 19 34.4	e 1902, e 1921. Very weak. $\Delta = 310$ km. ~ 2.8 dg.
5	e Pg eiSg	11 49 57.9 50 37.3	e 5031. Very weak. $\Delta = 305$ km. ~ 2.7 dg.
5	e? (Pn) e Pg i Sg	12 02 19.4 26.9 03 08.3	e 0225 C, e 0232, e 0301. Weak. $\Delta = 318$ km. ~ 2.9 dg. Aftershock. H=12:01.6 (BCIS).
5	e Pg i Sg	19 00 52.0 01 30.2	e 0115, e 0118, ei 0124. Weak. $\Delta = 295$ km. ~ 2.8 dg.
5	e Pb i Sg	20 16 44.4 7 25.4	e 1658, e 1718, e 1732. Very weak. $\Delta = 295$ km. ~ 2.8 dg.
6	e P	09 06 30.4 C	Traces.
6	i P	14 17 40 C	Very weak. i 1752 C.
7	e Pg e Sg	04 50 12.9 21.6	e 5026. Very weak. 70 km. ~ 0.6 dg.
7	e Pg eiSg	04 51 24.4 46.2	Very weak. $\Delta = 190$ km. ~ 1.7 dg.

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Oct			
7	e Pg eiSg	10 29 17.6 42.0	Very weak. $\Delta = 185$ km. ~ 1.7 dg.
7	e Pn eiSn	13 28 18.1 49.5	Very weak. $\Delta = 298$ km. ~ 2.7 dg.
7	e Pn eiSg	15 02 05.5 53.7	Very weak. $\Delta = 315$ km. ~ 2.8 dg.
7	e Pn i Sb	16 09 12.6 53.1	e 0922, e 0948, i 0959. Weak. $\Delta = 298$ km. ~ 2.7 dg. Off southwest coast of the Island Zante H=16:08:31 (BCIS).
8	i Pg i Pn i!Sg i!Sn	13 33 44.7 C 46.1 58.0 59.7	i 3355, i 3356. Weak. $\Delta = 105$ km. ~ 0.9 dg. $\alpha_N = 26\mu$, $T_N = 1.2$ sec., $\alpha_E = 27\mu$, $T_E = 1.2$ sec., $M = 5$. Felt to Lokris (Livanates V).
8	e Pg e Sg	14 22 25.6 30.8	Very weak. $\Delta = 42$ km. ~ 0.4 dg.
8	e Pn eiSg	20 01 00.7 52.9	e 0152. Very weak. $\Delta = 340$ km. ~ 3.1 dg.
8	e Pn e Sg	21 12 52.0 13 23.4	Very weak. $\Delta = 298$ km. ~ 2.7 dg.
8	e Pn e Pg eiSg	23 30 02.4 08.6 47.1	ei 3040. Very weak. $\Delta = 295$ km. ~ 2.7 dg. Felt on Kos (Kos III).
8	e Pb eiSg	23 46 20.3 47 03.3	i 4707. Very weak. $\Delta = 308$ km. ~ 2.7 dg. Felt on Kos (Kos IV).
9	e?Pn eiSg	03 27 47.7 39.4	Traces. $\Delta = 335$ km. ~ 0.3 dg.
9	i Pg i Sg	07 54 19.4 D 22.4	Very weak. $\Delta = 22$ km. ~ 0.2 dg.

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Oct.			
9	e Pn eiSg	23 14 14.5 15 10.8	i 1426, e 1455. Very weak. Strong microseisms. $\Delta = 365$ km. ~ 3.3 dg. Off southwest coast of Greece. H= 23:13:24 (BCIS).
10	e Pn i Pn i Sg	11 52 38.0 11 52 45.8 C 53 30.5	i 5247, i 5251, i 5333, i 5339. Probably two aftershocks succes- sives. $\Delta = 298$ km. ~ 2.7 dg. $\alpha_N = 57\mu$, $T_N = 5.6$ sec., $\alpha_E = 52\mu$, $T_E = 5.8$ sec., $M = 5\frac{1}{2}$. Off southwest coast of the Island Zante. H=11:51:56 (BCIS). $M = 4\frac{3}{4}$ (Uppsala). Felt to Elis (Le- chaena IV). Recorded to 86° .
10	e P	12 07 51.5 C	Traces.
10	e P	12 12 21.9 D	Traces.
10	i Pn i Pg i Sg	18 54 56.6 C 55 01.7 35.3	Weak. $\Delta = 262$ km. ~ 2.4 dg. Felt on Lesbos (Plomarion IV).
10	e Pn eiSn eiSg	23 46 10.0 41.6 54.2	e 4649. Weak. $\Delta = 295$ km. ~ 2.7 dg.
11	e Pn i Sn	02 36 32.5 37 03.8	e 3658, i 3709. Weak. $\Delta = 295$ km. $\sim$ 2.7 dg.
12	eiPb i Sg	10 35 46.8 36 28.5	i 3551, i 3556, i 3617, i 3623. Weak. $\Delta = 300$ km. ~ 2.7 dg. H=10:35:01 (BCIS)
12	eiPn eiSn i Sg	16 50 01.8 34.7 48.7	i 5005, i 5028, ei 5031, ei 5059. Weak. $\Delta = 308$ km. ~ 2.8 dg. $\alpha_N = 8\mu$, $T_N = 5.3$ sec. $\alpha_E = 6\mu$, $T_E = 3.7$ sec., $I =$ 5. Off southwest coast of Pelopon- nesus. About $37^\circ\frac{1}{2}$ N, (Probably $36^\circ\frac{1}{2}$ N), 21° E. - H=16:49:3 (BCIS). Recorded to 23° .

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Oct. 13	e Pg e(Sb) i Sg	02 53 46.9 54 23.2 28.6	e 5350, e 5354, ei 5417. Weak. $\Delta = 312$ km. ~ 2.8 dg.
13	e?(Pn) ei Pb i Sg	04 24 59.1 25 02.8 46.8	e 2505, e 2534, ei 2541. Weak. $\Delta = 312$ km. ~ 2.8 dg.
13	e Pn eiSn eiSg	11 29 40.1 C 30 12.6 26.2	e 2945, ei 2947, ei 3019. Very Weak. $\Delta = 305$ km. ~ 2.7 dg.
13	iPg iSg	16 42 49.5 C 43 03.1	$\alpha_N = 261\mu$, $T_N = 4.3$ sec., $\alpha_E = 141\mu$, $T_E = 2.8$ sec. $\Delta = 108$ km. ~ 1.0 dg., $M = 5^{1/2}$ Recorded to 23° . Felt on the Islands Euboea (Vasilika, Tsampournia VIII, Hellinika VII, Hagia Anna, Limni VI, Mantoudion V+, Aedipsos, Oreoe V, Eretria, Kymi IV+, Chalkis IV, Avlonarion III), Skopelos (Skopelos V+), Skiathos (Skiathos V+) and Skyros (Skyros III) and to the provinces of Lokris (Livanates VI-, Larymna, Atalanti V+, Malessina, Molos, Martinon V, Dadi IV), of Phtiotis (Lamia V), of Parnassis (Amphissa V), of Volos (Volos, Mileae, Argalasti, Veneton, Zagora V, Portaria IV, Keramidion III), of Aghya (Selitsani IV-), of Halmyros (Halmyros III), of Larissa (Larissa III), of Tyrnavos (Tyrnavos III) and of Pieria (Katerini III). Not felt at Karpenission and Elasson. Area of perceptible Shaking 60.000 km ² . 38.9° N, 23.7° E. - H=16:42:24 (BCIS). $M = 4^{3/4}$ (Uppsala).
13	i Pg i Sg	20 49 47.7 C 50 03.3	i! 4949, ei 5006. Weak. $\Delta = 12.7$ km. ~ 1.1 dg. Felt on the Islands Skiathos V, Skopelos III+, and on Eu-

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Oct			boea (Vasilika V, Limni, Hag. Anna, Aedipsos III+) and to Lokris (Livantes V+, Atalanti IV, Martinon III+) and to Volos (Argalasti IV+).
13	e(Pg)	23 10 12.9	Very weak. Felt on Skiathos III.
13	e Pb i Sb i Sg	23 32 45.6 33 09.5 11.2	Very weak. $\Delta = 195$ km. ~ 1.8 dg. Felt at Kyparissia IV.
14	i Pn i Pg eiSb	03 55 13.6 C 15.6 38.5	i 5541, i 5544. Weak. $\Delta = 195$ km. ~ 1.8 dg. Felt on Skiathos III.
14	e Pg i Pn i Sg	04 40 05.2 06.3 18.3	Very weak. $\Delta = 107$ km. ~ 1.0 dg. Felt on Euboea (Vasilika V, Hag. Anna III).
14	i Pn e Sn	05 08 13.7 D 29.9	Traces. $\Delta = 137$ km. ~ 1.2 dg.
14	e Pg i!Pn e Sg	18 55 59.2 56 00.2 D 12.4	Very weak. $\Delta = 107$ km. ~ 1.0 dg.
15	e Pg e Sg	15 42 50.0 59.5	Traces. $\Delta = 77$ km. ~ 0.7 dg.
15	e Pn eiSb i Sn	20 39 33.6 45.6 46.9	Traces. $\Delta = 105$ km. ~ 1.0 dg.
16	e Pn e Pb e Sg	21 27 45.0 48.0 28 21.8	ei 2752, ei 2827. Weak. $\Delta = 250$ km. ~ 2.3 dg. Felt on Ithaca V.
17	e Pb e Pg e Sn e Sb	02 22 19.8 C 22.9 50.1 23 01.7	e 2257, ei 2259, e 2306. Very weak. $\Delta = 340$ km. ~ 3.0 dg.

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks.</u>
Oct			
17	e Pb	02 26 46.6	ei 2648, ei 2728, e 2732. Very weak. $\Delta=330$ km. ~ 3.0 dg.
	e Sn	27 16.8	
	eiSb	22.3	
17	e	10 12 52.4	e 1324, i 1325, e 1330. Very weak. $\Delta=275$ km. ~ 2.5 dg.
	e Pg	56.4	
	e Sn	13 20.7	
	eiSb	28.4	
	i Sg	32.2	
17	e Pg	22 44 47.8	ei 4520, ei 4534. Weak. $\Delta=350$ km. ~ 3.1 dg.
	eiSb	45 27.4	
17	e Pg	23 54 (43.8)	P in time mark. e 5446, e 5449, e 5516, ei 5517, i 5529. $\Delta=340$ km. ~ 3.0 dg. Off Southwest coast of Peloponnesus. H=23:53.8 (BCIS).
	i Sb	55 22.4	
	i(Sg)	27.3	
18	i Pg	01 46 52.6	C? i 4707, i 4709, i 4712. Very weak. D $\Delta=110$ km. ~ 1.0 dg.
	i Pb	53.8	
	i Sg	47 04.9	
18	e Pg	03 13 07.6	e 1314. Very weak. $\Delta=240$ km. ~ 2.2 dg.
	e Sb	35.8	
	e Sg	38.4	
18	i(Pb)	20 51 31.2	C i 5149, e 5152, i 5154. Very weak. $\Delta=190$ km. ~ 1.7 dg.
	eiSn	51.3	
	i Sg	56.8	
18	e?(Pn)	22 48 (35.0)	P in time mark. e 4842, e 4911. Very weak. $\Delta=308$ km. ~ 2.8 dg.
	e Pb	38.5	
	e Sn	49 07.0	
	i Sb	16.4	
18	e Pn	22 50 31.2	e 5041, e 5109, ei 5118, ei 5121. Very weak. $\Delta=312$ km. ~ 2.8 dg.
	eiSn	51 04.4	
	eiSb	14.0	
19	e Pb	02 22 29.8	e 2303. Very weak. $\Delta=305$ km. ~ 2.8 dg.
	e Sn	58.1	
	eiSb	23 07.3	



<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Oct			
19	ePg iSg	06 57 11.3 18.6	Very weak. $\Delta=58$ km. ~ 0.5 dg.
19	e?(Pn) e Pb i Pg eiSg	21 06 48.1 52.3 55.8 07 37.8	ei 0723, i 0735, i 0741. Weak. $\Delta = 324$ km. ~ 2.9 dg. $\alpha_N=8\mu$, $T_N=5.0$ sec., $\alpha_E=4\mu$, $T_E=2.6$ sec., $M=5$. Off west coast of the Island Leukas. $38^\circ 5' N$, $20^\circ 3' E$. - H=21:06:00 (BCIS). Recorded to 22°. Felt at Astakos IV.
19	e e Pg eiSn ei Sg	21 10 16.9 C 17.8 D 44.0 59.3	i 1024, ei 1046, i 1050, ei 1053. Weak. $\Delta = 324$ km. ~ 2.9 dg.
19	e?(Pb) e Pg e Sn i Sb	21 58 30.6 33.2 59.6 59 09.8	i 5854, i 5904. Very weak. $\Delta = 318$ km. ~ 2.9 dg. Felt on Leukas III+.
20	i Pg e Sn eiSb	02 27 39.5 28 03.9 12.9	e 2808. Very weak. $\Delta = 290$ km. ~ 2.6 dg.
20	e Pn i Sn eiSb	03 03 17.2 C 45.0 56.6	i 0321, e 0349, ei 0353, ei 0404. Very weak. $\Delta = 290$ km. ~ 2.6 dg.
20	e Pb i Sb e Sg	03 51 30.6 52 08.3 12.9	e 5135, i 5203, ei 5217. Very weak. $\Delta = 305$ km. ~ 2.7 dg.
20	e Pn eiSg	07 25 29.8 26 04.3	e 2601. Very weak. $\Delta = 300$ km. ~ 2.7 dg.
20	e Pg e Sg	07 55 55.9 56 02.7	e 5600. Very weak. $\Delta = 54$ km. ~ 0.5 dg.
20	e e Pg e Sn eiSb	20 41 20.8 24.7 49.5 58.4	e 4154, i 4200, i 4207. Very weak. $\Delta = 295$ km. ~ 2.7 dg.

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Oct			
21	ePn	07 26 17.2	Very weak. $\Delta = 405$ km. ~ 3.6 dg.
	ePb	23.5	
	eiPg	28.0	
	eSn	58.2	
	eiSg	27.04.8	
22	iPn	04 15 47.7	D i 1555, i 1627, i 1634, i 1641,
	ePb	53.3	$\alpha_N = 41\mu$, $T_N = 4.2$ sec. $\alpha_E = 27\mu$, $T_E =$
	i(Pg)	58.5	5.0 sec., $\Delta = 395$ km. ~ 3.6 dg., $M =$
	i!Sb	16 42.7	$5\frac{1}{2}$. Dodecanese Islands, Aegean
			Sea, H=04:14:55 (USCGS), 36.7° N,
			27.9° E. - H=04:14:52 (BCIS). Record-
			ed to 90° . Felt on the Islands Kos
			VI, Symi V, Samos III, and Patmos
			III. $M = 5\frac{1}{2}$ (Uppsala).
22	e Pg	17 40 34.3	Weak. $\Delta = 118$ km. ~ 1.1 dg.
	i Sg	48.9	
22	i Pg	17 40 35.9	Weak. $\Delta = 120$ km. ~ 1.1 dg. Two shocks
	i Sg	51.0	successives.
28	e Pg	15 50 40.9	Very weak. $\Delta = 62$ km. ~ 0.6 dg.
	i Sg	48.6	
30	e Pb	01 36 37.0	e 3647, e 3714, e 3727. Very weak.
	eiSg	37 20.8	$\Delta = 312$ km. ~ 2.8 dg.
30	e Pn	01 42 10.0	ei 4216, e 4238, e 4254. Very weak.
	eiPb	13.8	$\Delta = 305$ km. ~ 2.7 dg.
	eSn	41.9	
	e(Sb)	50.7	
	iSg	(55.5)	
30	i Pb	02 36 40.1	i 3648, ei 3730, i 3744. Very weak.
	i Pg	42.5	$\Delta = 308$ km. ~ 2.8 dg. H=02:35.9 (BCIS).
	e Sn	37 14.2	
	e Sg	22.8	

Date	Phase	Time	Additional Readings and Remarks	
Nov 6	e(Pn)	09 27 26.9	C	i 2737, i 2744, i 2753, i 2756.
	e Pb	28.3	D	Very weak. $\Delta = 212$ km. ~ 1.9 dg.
	i Pg	29.5		
	i Sb	54.2		
	eiSg	56.7		
7	e Pn	03 52 26.9	C?	i 5229, e 5245. Weak. $\Delta = 212$ km. ~ 1.9 dg.
	i Sn	50.2		
8	e Pn	05 30 16.0		e 3019, e 3049, e 3054. Weak. $\Delta = 290$ km. ~ 2.6 dg.
	i Sb	55.6		
	i Sg	59.3		
10	i Pg	01 37 16.4	C	Weak. $\Delta = 58$ km. ~ 0.5 dg.
	i Sg	23.4		
15	e Pg	16 21 09.2	C	Very weak. $\Delta = 56$ km. ~ 0.5 dg.
	i Sg	16.1		
16	eiPn	01 21 13.7	C	i 2137, i 2139. Very weak. $\Delta = 204$ km. ~ 2.2 dg.
	i Pb	15.2		
	i Pg	16.0		
	e Sn	36.0		
	i Sg	42.0		
19	eiPg	22 58 16.8		e 5815 C, e 5822, e 5851, i 5904. Weak. $\Delta = 350$ km. ~ 3.1 dg.
	e Sb	56.6		
	i Sg	59 02.1		
21	e?(Pn)	23 35 05.2		ei 3511, i 3533, i 3543. Weak. $\Delta = 235$ km. ~ 2.1 dg. Felt on Zante VI, and to the province of Elis (Letrinoe IV). Ionian Sea. H=23:34,0 (BCIS).
	e Pb	07.1		
	i Sg	39.8		
23	e?(Pg)	11 31 39.0		Traces. S in time mark. $\Delta = 165$ km. ~ 1.5 dg. Felt to the province of Phtiotis (Spercheias IV).
	e Sg	32(01.4)		
27	e Pb	10 10 26.5		i 1043. Very weak. $\Delta = 100$ km. ~ 0.9 dg.
	i Pn	27.8	D	
	e Sb	39.5		
	i Sn	41.0		
27	eiPn	21 17 07.0	C	i 1710, i 1718, ei 1749. Very weak. $\Delta = 348$ km. ~ 3.1 dg. Off South-west coast of Peloponesus.
	i Pb	11.8	D	
	e Sn	42.9		
	i Sg	54.7		

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
Nov			
27	e Pn eiSb	23 46 44.5 C 47 31.2	e 4729, e 4744, e 4748, ei 4758. Very weak. $\Delta = 338$ km. ~ 3.0 dg.
Dec			
1	eiPg i Sg	17 12 20.0 31.8	i 1221, e 1230, i 1234. Weak. $\Delta = 90$ km. ~ 0.8 dg. Felt on Euboea (Procopion V, Mantoudion III).
1	e Pb e Sn i Sb	20 00 01.2 D 31.7 42.7	i 0006C, i 0013 C, ei 0037, i 0045, i 0047. Weak. $\Delta = 328$ km. ~ 3.0 dg.
1	i Pn eiPb e Sn eiSg	23 03 21.0 D 22.8 45.1 49.5	ei 0322, i 0325 C, i 0352, i 0356, i 0357 Weak. $\Delta = 218$ km. ~ 2.0 dg.
6	e Pg e Sg	17 29 38.2 C? 48.0	Very weak. $\Delta = 78$ km. ~ 0.7 dg.
7	e Pg i Sg	07 34 27.5 36.5	Very weak. $\Delta = 72$ km. ~ 0.6 dg.
8	e Pn i Sn i Sg	07 51 19.5 44.4 50.0	i 5123 C, e 5140. Very weak. $\Delta = 230$ km. ~ 2.1 dg.
11	e Pg e Sb i Sg	09 35 33.5 51.4 52.8	i 3535. Very weak. $\Delta = 152$ km. ~ 1.4 dg.
13	e Pg i Sg	03 24 33.9 C? 47.0	i 2435 C, e 2446, i 2450. Weak. $\Delta = 104$ km. ~ 0.9 dg.
17	e Pn i Pg i Sn e Sb	23 04 55.6 C 05 05.7 35.0 48.7	i 0456 C, i 0504, i 0533. $\Delta = 380$ km. ~ 3.4 dg. Near South coast of Crete. $34^{\circ}1/2$ N, 24° E. - H=23:03:58 (USCGS). $34^{\circ}3/4$ N, $24^{\circ}3/4$ E. - H=23:03:55 (BCIS). M=6 $\frac{3}{4}$ (Pasadena). Recorded to 103. Macro-seismic area 400.000 km ² . Felt

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
			on the Islands Crete [Spilia VI, Heraklion VI, Nerokouros, Perivolia V+, Rethymnon, Kastellion (Pedias), Episkopi, Chania, Mournia, Kampos V, Krouson, Palaeochora, Kastellion (Kissamos) IV+, Argypolis, Sellia, Ano Viannos IV, Anogheia, Melampes III+], Cephalonia (Sami, Chavdata V, Kouvata-ta, Valsamata IV+, Argostolion, Assos, Mesovounia IV, Asprogherakas III), Leukas (Ano exantheia, Kalamitsion IV), Zante (Zante, Volimes III) and Corfou (Stavros V, Avliotes IV, Leukimi III+, Gianades, Ano Korakiana III) and to the districts of Messinia (Kalanae, Koroni, Charokopio III+), Elis (Kyllini IV+, Pelopion IV, Kalylo-na III+, Andritsaena, Letrinoe III), Achaia (Psathopyrgos IV, Hag. Georgios III+, Chalandritsa, Vrachneika, Aeghion III), Aetolia (Thermos V, Naupaktos IV, Platanos III), and Akarnania (Mytikas V, Astakos, Vonitsa III+).
19	ei Pn i Pg eiSg	12 45 12.8 17.7 C 46 12.6	e 4611, i 4623. Weak. $\Delta=355$ km. ~ 3.2 dg. Felt on Crete (Sitia, Zakros V).
20	e Pg	16 57 28.4 C	ei 5747, e 5835. $\Delta=350$ km. ~ 3.2 dg. Near South coast of Crete. 35° N, $23^{\circ}3/4$ E. - H=16:56:27 (BCIS). Recorded to 32° .
22	i!Pn i!Sn i!(Sb)	23 52 31.3 D 53 05.2 15.9	i 5237. Weak. $\Delta=322$ km. ~ 2.9 dg. Near North Coast of Crete. $35^{\circ}6$ N, $25^{\circ}3$ E. H=23:51:38 (BCIS). - H=23:51:37 (USCGS). Recorded to 80° . Felt on Crete (Heraklion, Phourni VI, Rethymnon V, Chersonisos, Anogheia

<u>Date</u> Dec	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks</u>
			IV+, Neapolis IV, Ampelouzos III) and on Paros (Paroekia IV).
23	e Pg i!Pn i Sg	22 48 39.6 40.5 53.9	Weak. $\Delta = 115$ km. ~ 1.1 dg.
26	e?Pn e Sn i Sb	05 14 24.3 45.4 48.4	e 1425 D, ei 1429, ei 1447. Weak. $\Delta = 188$ km. ~ 1.7 dg. Felt at Patras IV, Amphissa IV and Aeghion III.
31	e Pb i Sb	14 49 30.4 D 50 11.6	i 4935 D, i! 4944, e 5006, i 5011, i 5012, i! 5018 $\alpha_N = 57\mu$, $T_N = 4$ sec., $\alpha_E = 82\mu$, $T_E = 5$ sec. $\Delta = 332$ km. ~ 3.0 dg. $M = 5^{3/4}$. Off North coast of Crete. $35^{\circ}1/2N$, $25^{\circ}3/4E$, H=14:48:39 (BCIS). Recorded to 89° . Felt on Crete (He- raklion, Neapolis, Avdou VI, Ampe- louzos, Zakros, Roukaka, Rethymnon V, Myrtos, Phourni V-, Hierapetra, Vrachasion IV, Anogheia III).
31	i Pg i Sn i Sg	17 19 38.9 D 20 10.8 (23.5)	e 1934, e 1944, i 1946, i 2007, i 2017. Sg in Time mark. $\alpha_N = 78\mu$, $T_N =$ 6 sec., $\alpha_E = 117\mu$, $T_E = 4$ sec. $\Delta = 344$ km. ~ 3.1 dg. $M = 5^{3/4}$. Aftershock. H=17:18:42 (BCIS). Recorded to 89° . Felt on the Islands Crete (Neapolis, Avdou VI, Myrtos, Vrachasion, Phour- ni, Rethymnon, Roukaka V, Zakros IV+, Heraklion, Hierapetra IV, Ano- gheia III) and Karpathos (Pigadia V-).
31	e Pn e Sn i Sb	19 59 34.3 D 20 00 08.3 18.3	i 5939, e 0015. Weak. $\Delta = 320$ km. $\sim$ 2.9 dg. $\alpha_N = 7\mu$, $T_N = 3.1$ sec., $\alpha_E = 11\mu$, $T_E = 6.1$ sec., $M = 5$. Aftershock. H = 19:58:47 (BCIS). Recorded to 25° . Felt on Crete (Neapolis, Phourni, Myrtos, Avdou V, Zakros IV+, Herak- lion, Vrachasion IV, Hierapetra III).

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>Additional Readings and Remarks.</u>
Dec 31	ei P e Sb eiSg	22 27 08.1 38.0 41.5	ei 2707 C, ei 2710, i 2711, ei 2734. Weak. $\Delta = 250$ km. ~ 2.3 dg. $\alpha_N = 8^\circ$, $T_N =$ 6.6 sec., $u_E = 10u$, $T_E = 6.2$ sec., $M = 5$. Near West coast of Peloponnesus. $37^\circ 3/4$ N, $26^\circ 1/4$ E (Probably $37^\circ 1/4$ N, 21° E). H=22:26:26 (BCIS). Recorded to 22° .

C. FELT SHOCKS NOT RECORDED

<u>Date</u>	<u>Time</u> h.m.	<u>Localities</u>	<u>Provinces</u>	<u>Intensities</u>
Jan				
5	15:13	Patras	Patras	II
6	19:20	Limni	Chalkis	IV+
8	06:30	Limni	Chalkis	V+
8	07:-	Mantoudion	Chalkis	II+
8	17:45	Chalkis	Chalkis	II
11	18:30	Chalkis	Chalkis	II
13	12:45	Koroni	Pylia	IV
27	01:45	Chios	Chios	V
27	02:35	Mytilini	Mytilini	III
		Skopelos	Mytilini	IV+
27	02:48	Chios	Chios	IV
28	01:10	Platanousa	Philippias	IV+
Feb				
4	01:-	Palaeopolis	Samothraki	V
4	08:-	Kourmeti	"	V
4	10:-	Kourmeti	"	V
		Kamariotissa	"	V
5	03:-	Kamariotissa	"	V
		Kourmeti	"	V
5	07:15	Palaeopolis	"	V
6	03:30	Kourmeti	"	V
		Kamariotissa	"	V
6	08:-	Palaeopolis	"	V
7	03:30	Samothraki	"	IV
		Kourmeti	"	IV
		Kamariotissa	"	IV
8	-:-	Samothraki	"	IV
9	20:-	"	"	IV
10	09:-	"	"	IV
14	-:-	"	"	IV
17	23:30	"	"	V
18	05:40	"	"	V
18	06:-	"	"	V-
25	12:35	"	"	IV
Mar				
7	09:10	Asprogherakas	Kranaea	III

<u>Date</u>	<u>Time</u> <u>h. m.</u>	<u>Localities</u>	<u>Provinces</u>	<u>Intensities</u>
Mar				
9	03:45	Samothraki	Samothraki	V+
		Souflion	Souflion	II
17	17:20	Thessalonica	Thessalonica	IV
		Kastron	Lemnos	IV
19	20:50	Lechaena	Elis	IV
28	20:35	Argostolion	Kranaea	III
29	06:35	Chios	Chios	III
31	02:40	Limin	Samos	II
Apr				
9	02:02	Limin	Samos	IV-
9	02:22	"	"	IV-
9	04:52	"	"	III-
9	05:02	"	"	III-
9	05:12	"	"	III-
9	08:18	"	"	IV-
9	08:46	"	"	IV
9	09:32	"	"	IV
9	11:12	"	"	IV
9	15:10	Amphissa	Parnassis	IV
9	17:45	Limin	Samos	III
9	18:29	"	"	III
10	08:06	"	"	III
11	13:30	Chios	Chios	III
13	12:58	Limin	Samos	II
16	12:20	Chios	Chios	III
21	00:30	Xylokastron	Korinthia	IV
22	05:41	Limin	Samos	II+
22	05:46	Limin	Samos	II+
24	01:52	Lechaena	Elis	IV
24	16:34	Kastron	Lemnos	II
29	00:30	Amphissa	Parnassis	V
30	12:53	Chios	Chios	III+
30	22:30	Nauplia	Nauplia	III+
May				
2	01:30	Chios	Chios	III
7	20:12	Xylokastron	Korinthia	IV
7	23:20	Xylokastron	Korinthia	IV
11	03:15	Lechaena	Elis	III

<u>Date</u>	<u>Time</u> h.m.	<u>Localities</u>	<u>Provinces</u>	<u>Intensities</u>
May				
12	20:30	Vavdos	Chalkidiki	IV
		Vasilika	Thessalonica	IV
13	02:10	Vavdos	Chalkidiki	IV
19	15:05	Vasilika	Histiaea	V
20	21:-	Limin	Samos	II
22	05:-	Arachnaeon	Nauplia	III
24	03:-	Kyparissia	Triphylyia	III
26	-:-	Amphissa	Parnassis	III
27	18:-	Amphissa	Parnassis	IV-
28	03:55	Symi	Rhodes	IV
Jun				
1	00:30	Kyparissia	Triphylyia	III
2	01:-	Kyparissia	Triphylyia	III
3	12:45	Pravion	Paggaeon	III
10	16:20	Preveza	Nicopolis	III
13	11:55	Preveza	Nicopolis	III
18	04:20	Argostolion	Kranaea	II
19	04:40	Argostolion	Kranaea	II
20	10:35	Xylokastron	Korinthia	IV
22	09:05	Platanousa	Philippias	IV
25	08:22	Platanousa	Philippias	V
Jul				
6	20:30	Leukas	Leukas	III
14	23:30	Limin	Samos	IV
23	20:55	Neapolis	Merambello	III
Aug				
23	01:45	Zakros	Sitia	V
23	03:08	Sitia	Sitia	IV
Sep				
2	12:04	Symi	Rhodes	V
10	14:27	Limin	Samos	III
		Mytilinoe	Samos	II
11	03:-	Kyparissia	Triphylyia	II
12	01:-	Kyparissia	Triphylyia	II-
12	19:-	Chios	Chios	II
22	13:51	Florina	Florina	IV

<u>Date</u>	<u>Time</u> <u>h.m.</u>	<u>Localities</u>	<u>Provinces</u>	<u>Intensities</u>
Sep				
23	15:03	Galaxidion	Parnassis	II
27	04:10	Argostolion	Kranaea	IV
Oct				
8	23:22	Kos	Rhodes	III
10	23:31	Kalydona	Olympia	III
27	05:09	Kastron	Lemnos	IV
Nov				
3	04:42	Kalydona	Olympia	IV
3	08:20	"	"	V
4	13:02	"	"	IV
6	08:11	Galaxidion	Parnassis	II
17	00:30	Mesologgion	Mesologgion	IV
23	22:45	Zante	Zante	IV
23	23:40	Zante	Zante	IV+
Dec				
2	15:49	Pravion	Paggaeon	II
10	06:44	Patras	Patras	IV
11	05:08	Patras	Patras	IV
17	21:40	Ampelouzos	Kaenourion	V
18	19:55	Rethymnon	Rethymni	III
19	04:30	Ladikon	Phtiotis	IV
19	21:10	Sitia	Sitia	IV
19	22:35	Zakros	Sitia	IV
19	22:45	Zakros	Sitia	IV
31	11:12	Pigadia	Karpathos	III

TABLE
INTENSITIES OF THE SHOCKS FELT IN GREECE

Localities	Provinces	Intensities on Mercalli-Sieberg Scale							
		II	III	IV	V	VI	VII	VIII	Total
Achladocampos	Argos	-	-	-	1	-	-	-	1
Aedipsos	Histiaea	-	3	1	3	-	-	-	7
Aeghion	Aeghion	-	2	-	-	-	-	-	2
Alexandroupo- lis	Alexan- droupolis	-	1	1	-	-	-	-	2
Alistrati	Phyllis	-	1	-	-	-	-	-	1
Amarynthos	Chalkis	-	-	1	-	-	-	-	1
Ampelouzos	Kaenourion	-	1	1	2	-	-	-	4
Amphissa	Parnassis	-	2	4	2	-	-	-	8
Andravida	Elis	-	1	-	-	-	-	-	1
Andritsaena	Olympia	-	1	-	1	-	-	-	2
Anemodouri	Megalopolis	-	-	-	1	-	-	-	1
Ano Exantheia	Leukas	-	-	1	-	-	-	-	1
Anogheia	Mylopotamos	-	4	1	-	-	-	-	5
Ano Kollinae	Mantinia	-	-	1	-	-	-	-	1
Ano Korakiana	Corfou	-	1	-	-	-	-	-	1
Ano Viannos	Viannos	-	-	1	-	-	-	-	1
Arachnaeon	Nauplia	-	1	-	1	-	-	-	2
Argalasti	Volos	-	-	1	2	-	-	-	3
Argos	Argos	-	-	3	1	-	-	-	4
Argostolion	Kranaea	1	1	5	2	-	-	-	9
Argyrades	Corfou	-	-	-	1	-	-	-	1
Argyropolis	Rethymni	-	-	1	-	-	-	-	1
Arnaea	Arnaea	-	-	-	-	1	-	-	1
Askos	Lagadas	-	-	-	-	1	-	-	1
Asprogherakas	Kranaea	1	2	1	-	-	-	-	4
Assos	Sami	-	-	2	-	-	-	-	2
Astakos	Vonitsa	-	2	3	-	-	-	-	5
Astros	Kynouria	-	-	1	-	-	-	-	1
Atalanti	Lokris	-	1	1	1	-	-	-	3
Athens	Attica	1	2	-	-	-	-	-	3
Athikia	Corinthia	-	1	1	-	-	-	-	2
Avas	Alexandrou- polis	-	1	-	-	-	-	-	1

Localities	Provinces	Intensities on Mercalli-Sieberg Scale							
		II	III	IV	V	VI	VII	VIII	Total
Avdou	Pedias	-	-	-	-	1	-	-	1
Avliotes	Corfou	-	-	2	-	-	-	-	2
Avlonarion	Karystia	-	1	-	-	-	-	-	1
Chalandritsa	Patras	-	1	-	-	-	-	-	1
Chalia	Thebes	-	-	-	1	-	-	-	1
Chalkis	Chalkis	2	-	4	-	-	-	-	6
Chania	Chania	-	-	-	2	-	-	-	2
Charocopio	Pylia	-	2	1	1	-	-	-	4
Chasia	Attica	-	-	1	-	-	-	-	1
Chavdata	Palli	-	-	-	2	-	-	-	2
Chersonisos	Pedias	-	-	1	-	-	-	-	1
Chios	Chios	2	7	2	2	-	-	-	13
Chlempotsari	Thebes	-	-	-	-	1	-	-	1
Chontalon	Megalopolis	-	-	-	-	-	1	-	1
Chora	Samos	-	-	-	-	1	-	-	1
Chora	Triphylia	-	3	-	1	1	-	-	5
Choremi	Megalopolis	-	-	-	-	1	-	-	1
Corfou	Corfou	-	1	-	-	-	-	-	1
Dadi	Lokris	-	-	1	-	-	-	-	1
Daphni	Lacedaemon	-	1	-	-	-	-	-	1
Dimitsana	Gortynia	-	-	-	1	-	-	-	1
Doliana	Kynouria	-	-	2	-	-	-	-	2
Dritsa	Thebes	-	-	-	1	-	-	-	1
Eleutheroupolis	Paggaeon	-	1	1	-	-	-	-	2
Episcopi	Pedias	-	-	-	1	-	-	-	1
Epitalion	Olympia	-	-	1	-	-	-	-	1
Eretria	Chalkis	-	-	1	-	-	-	-	1
Galaxidion	Parnassis	2	1	1	-	-	-	-	4
Gastouni	Elis	-	-	2	-	-	-	-	2

Localities	Provinces	Intensities on Mercalli-Sieberg Scale							
		II	III	IV	V	VI	VII	VIII	Total
Gheraki	Lacedaemon	-	1	-	-	-	-	-	1
Giannades	Corfou	-	1	-	-	-	-	-	1
Gomation	Arnaea	-	-	-	1	-	-	-	1
Goniae	Pedias	-	-	-	-	1	-	-	1
Grammatico	Attica	1	-	-	-	-	-	-	1
Gytheion	Gytheion	-	1	-	-	-	-	-	1
Haghia Anna	Chalkis	-	2	2	2	1	-	-	7
Haghia Para- skevi	Attica	-	-	1	-	-	-	-	1
Haghion Pneu- ma	Serrae	-	-	2	-	-	-	-	2
Haghios Ge- orgios (Rion)	Patras	-	1	-	-	-	-	-	1
Halmyros	Halmyros	-	1	-	-	-	-	-	1
Halonia	Samothraki	-	-	-	-	1	-	-	1
Hellinika	Histiaea	-	-	-	-	-	1	-	1
Heraklion	Temenos	-	-	2	1	4	-	-	7
Hierapetra	Hierapetra	-	1	2	-	-	-	-	3
Hierissos	Arnaea	-	-	-	1	-	-	-	1
Hegoumenitsa	Thyamis	-	-	-	1	-	-	-	1
Hormylia	Chalkidiki	-	-	-	1	-	-	-	1
Hypati	Phtiotis	-	-	-	1	-	-	-	1
Ithaca	Ithaca	-	1	-	1	-	-	-	2
Kalavryta	Kalavryta	-	1	-	-	-	-	-	1
Kalamae	Kalamae	-	1	1	-	-	-	-	2
Kalamitsion	Leukas	-	-	1	-	-	-	-	1
Kallirachi	Thasos	-	-	1	-	-	-	-	1
Kalydona	Olympia	-	2	4	1	-	-	-	7
Kalyvia	Megalopolis	-	-	-	-	-	1	-	1
Kamariotissa	Samothraki	-	-	1	3	1	-	-	5
Kampos	Kisamos	-	-	-	1	-	-	-	1
Kandalos	Mantinia	-	-	-	1	-	-	-	1
Kardamyli	Oetylos	-	1	-	-	-	-	-	1

Localities	Provinces	Intensities on Mercalli-Sieberg Scale							
		II	III	IV	V	VI	VII	VIII	Total
Karlovasi	Samos	-	-	1	-	-	-	-	1
Karousades	Corfou	-	-	1	-	-	-	-	1
Kastellion	Kisamos	-	-	1	-	-	-	-	1
Kastellion	Pedias	-	-	-	1	-	-	-	1
Kastron	Lemnos	1	1	3	1	-	-	-	6
Katakolon	Elis	-	-	-	2	-	-	-	2
Katerini	Pieria	-	1	-	-	-	-	-	1
Katouna	Vonitsa	-	-	1	-	-	-	-	1
Kavalla	Kavalla	-	1	-	-	-	-	-	1
Keramidion	Volos	-	1	-	-	-	-	-	1
Kilkis	Kilkis	-	-	1	-	-	-	-	1
Koroni	Pylia	-	1	3	-	-	-	-	4
Koropi	Attica	1	-	-	-	-	-	-	1
Kos	Kos	-	3	1	-	1	-	-	5
Kourmeti	Samothraki	-	-	1	4	1	-	-	6
Koutsopodi	Argos	-	1	-	-	-	-	-	1
Kouvalata	Palli	-	-	1	-	-	-	-	1
Kranidion	Spetsae	-	1	-	-	-	-	-	1
Krousson	Malevyzion	-	-	1	-	-	-	-	1
Kyllini	Elis	-	-	4	-	-	-	-	4
Kymi	Karystia	-	-	1	-	-	-	-	1
Kynopiastes	Corfou	-	-	-	1	-	-	-	1
Kyparissia	Triphylia	2	8	6	-	1	-	-	17
Ladikon	Phtiotis	-	-	3	-	1	-	-	4
Lagadia	Gortynia	-	-	-	1	-	-	-	1
Lagadas	Lagadas	-	-	1	-	-	-	-	1
Lakona	Samothraki	-	1	-	-	1	-	-	2
Lamia	Lamia	-	-	-	2	-	-	-	2
Larissa	Larissa	-	2	-	-	-	-	-	2
Larymna	Lokris	-	-	-	1	-	-	-	1
Lechaena	Elis	-	2	8	2	-	-	-	12
Leonidion	Kynouria	-	-	1	-	-	-	-	1
Letrinoe	Elis	-	3	5	-	-	-	-	8
Leukas	Leukas	-	5	1	-	-	-	-	6
Leukimi	Corfou	-	1	-	1	-	-	-	2

Localities	Provinces	Intensities on Mercalli-Sieberg Scale							
		II	III	IV	V	VI	VII	VIII	Total
Limin-Vathy	Samos	5	9	8	-	-	-	-	22
Limnae	Argos	-	-	1	1	-	-	-	2
Limni	Chalkis	-	1	1	-	2	-	-	4
Livanates	Lokris	-	-	2	4	1	-	-	7
Lixourion	Palli	-	-	2	-	-	-	-	2
Loganikos	Lacedaemon	-	-	-	-	1	-	-	1
Loutros	Alexandrou- polis	-	1	-	-	-	-	-	1
Lygourion	Nauplia	-	1	-	-	-	-	-	1
Macrision	Megalopolis	-	-	-	1	-	-	-	1
Malesina	Lokris	-	-	-	1	-	-	-	1
Mantoudion	Chalkis	1	1	-	1	-	-	-	3
Marathokampos	Samos	-	-	1	-	-	-	-	1
Marathon	Attica	1	1	-	-	-	-	-	2
Margarition	Margarition	-	-	1	-	-	-	-	1
Martinon	Lokris	-	2	1	1	-	-	-	4
Melampes	Haghios Vasi- lios	-	1	-	-	-	-	-	1
Mesovounia	Sami	-	-	1	-	-	-	-	1
Messini	Messini	-	-	1	-	-	-	-	1
Mesologgion	Mesologgion	-	-	1	-	-	-	-	1
Methoni	Pylia	-	3	2	-	-	-	-	5
Mileae	Volos	-	-	-	1	-	-	-	1
Molos	Lokris	-	-	-	1	-	-	-	1
Monastery Va- topediou	Chalkidiki	-	-	-	1	-	-	-	1
Mourikion	Thebes	-	-	-	-	1	-	-	1
Mournies	Kydonia	-	-	-	1	-	-	-	1
Mouzakion	Zante	-	-	1	-	-	-	-	1
Mpaphi	Attica	-	-	1	-	-	-	-	1
Mpogiati	Attica	-	-	1	-	-	-	-	1
Myrtos	Hierapetra	-	-	-	3	-	-	-	3
Mytikas	Vonitsa	-	-	1	1	-	-	-	2
Mytilini	Mytilini	1	2	-	1	-	-	-	4
Mytilinoe	Samos	1	-	1	-	-	-	-	2

Localities	Provinces	Intensities on Mercalli-Sieberg Scale							
		II	III	IV	V	VI	VII	VIII	Total
Naupactos	Naupactia	-	-	1	-	-	-	-	1
Nauplion	Nauplia	-	3	5	1	-	-	-	9
Nea Moudania	Chalkidiki	-	-	1	-	-	-	-	1
Neapolis	Merambello	-	1	2	1	2	-	-	6
Nemea	Corinthia	-	-	1	1	-	-	-	2
Nenita	Chios	-	1	-	-	-	-	-	1
Neochorion	Megalopolis	-	-	-	-	1	-	-	1
Nerocourou	Kydonia	-	-	-	1	-	-	-	1
Nigrita	Nigrita	-	-	1	-	-	-	-	1
Oechalia	Messini	-	-	-	-	1	-	-	1
Oetylos	Oetylos	-	-	1	-	-	-	-	1
Oreoe	Histiaea	1	1	1	2	-	-	-	5
Pagasae	Volos	-	1	1	-	-	-	-	2
Pagondas	Samos	-	-	1	-	-	-	-	1
Palaeochora	Selinou	-	-	1	-	-	-	-	1
Palaeopolis	Samothraki	-	-	-	3	1	-	-	4
Paroekia	Paros	-	-	1	-	-	-	-	1
Patmos	Patmos	-	1	-	-	-	-	-	1
Patras	Patras	1	3	4	1	-	-	-	9
Pelopion	Elis	-	-	1	-	-	-	-	1
Penteli	Attica	-	1	1	-	-	-	-	2
Perivolia	Kydonia	-	-	-	1	-	-	-	1
Perivolia	Megalopolis	-	-	-	-	-	-	1	1
Phaleron	Attica	-	1	-	-	-	-	-	1
Pharaklata	Kranaea	-	-	-	1	-	-	-	1
Pherrae	Alexandrou- polis	-	-	1	-	-	-	-	1
Philiatra	Triphyli	-	1	-	-	-	-	-	1
Phlorina	Phlorina	-	-	1	-	-	-	-	1
Phourni	Merambello	-	-	-	4	1	-	-	5
Pigadia	Karpathos I.	-	1	-	1	-	-	-	2
Piraeus	Attica	-	1	-	-	-	-	-	1
Platanos	Naupactia	1	-	-	-	-	-	-	1

Localities	Provinces	Intensities on Mercalli-Sieberg Scale							
		II	III	IV	V	VI	VII	VIII	Total
Platanousa	Philippias	-	-	2	1	-	-	-	3
Plomarion	Lesbos	-	-	2	-	-	-	-	2
Portaria	Volos	-	-	1	-	-	-	-	1
Potamia	Megalopolis	-	-	-	-	-	-	1	1
Pravion	Paggaeon	1	1	-	-	-	-	-	2
Preveza	Nicopolis	-	4	-	-	-	-	-	4
Procopion	Chalkis	-	-	1	1	-	-	-	2
Psachna	Chalkis	1	-	-	-	1	-	-	2
Psathopyrgos	Patras	-	-	1	-	-	-	-	1
Pyrgos	Elis	1	-	2	-	-	-	-	3
Rethymnon	Rethymni	1	1	-	4	-	-	-	6
Rodolivos	Phyllis	-	-	1	-	-	-	-	1
Roukaka	Sitia	-	-	-	1	-	-	-	1
Sami	Sami	-	-	-	1	-	-	-	1
Samothraki	Samothraki	-	-	5	6	1	-	-	12
Schimatarion	Thebes	-	-	-	-	1	-	-	1
Selitsani	Aghya	-	-	1	-	-	-	-	1
Sellia	Haghios Vasilios	-	-	1	-	-	-	-	1
Serrae	Serrae	-	1	1	-	-	-	-	2
Sitia	Sitia	-	-	3	1	-	-	-	4
Scala	Messini	-	-	-	1	-	-	-	1
Scala Oropos	Attica	-	-	2	-	-	-	-	2
Skiathos	Skiathos	2	2	2	3	-	-	-	9
Skopelos	Mytilini	-	-	1	-	-	-	-	1
Skopelos	Skopelos	-	2	3	2	-	-	-	7
Skyros	Skyros	-	1	-	-	-	-	-	1
Sochos	Lagadas	-	-	-	-	1	-	-	1
Soufli	Soufli	1	-	-	-	-	-	-	1
Spata	Attica	-	-	1	-	-	-	-	1
Spatharaeoe	Samos	-	-	1	-	-	-	-	1
Sperchias	Phtiotis	-	-	2	1	-	-	-	3
Spilia	Kisamos	-	-	-	-	1	-	-	1

Localities	Provinces	Intensities On Mercalli-Sieberg Scale							
		II	III	IV	V	VI	VII	VIII	Total
Stavros	Corfou	-	-	-	1	-	-	-	1
Stavros	Lagadas	-	-	-	1	-	-	-	1
Symi	Rhodes	-	-	1	3	-	-	-	4
Thasos	Thasos	-	1	-	-	-	-	-	1
Thebes	Thebes	-	-	1	-	-	-	-	1
Thermon	Trichonis	-	-	-	1	-	-	-	1
Thessalonica	Thessalonica	-	-	2	-	-	-	-	2
Tiganion	Samos	-	-	1	-	-	-	-	1
Tilos	Rhodes	-	-	1	-	-	-	-	1
Tripolis	Tripolis	-	-	2	-	-	-	-	2
Tsapournia	Histiaea	-	-	-	-	-	-	1	1
Tyrnavos	Tyrnavos	1	-	-	-	-	-	-	1
Valsamata	Kranaea	-	-	1	-	-	-	-	1
Valtetsi	Mantinia	-	-	1	-	-	-	-	1
Vartholomio	Elis	-	-	1	-	-	-	-	1
Vasilica	Histiaea	-	-	2	4	1	-	1	8
Vasilica	Thessalonica	-	-	1	1	-	-	-	2
Vathy	Avlis	-	-	-	-	1	-	-	1
Vathy	Samos	-	-	1	-	-	-	-	1
Vavdos	Chalkidiki	-	-	2	1	-	-	-	3
Veligosti	Megalopolis	-	-	-	-	-	1	-	1
Vello	Corinthia	-	-	2	-	-	-	-	2
Veneton	Volos	-	-	-	1	-	-	-	1
Vervaena	Kynouria	-	-	1	-	-	-	-	1
Vlachokerasia	Mantinia	-	-	1	-	-	-	-	1
Volimes	Zante	-	1	-	-	-	-	-	1
Volos	Volos	-	-	1	1	-	-	-	2
Vonitsa	Vonitsa	-	1	-	-	-	-	-	1
Vrachasi	Merambello	-	-	2	1	-	-	-	3
Vrachneica	Patras	-	1	-	-	-	-	-	1
Vrontamas	Lacedaemon	1	-	-	-	-	-	-	1
Vytina	Gortynia	-	-	1	-	-	-	-	1

Localities	Provinces	Intensities on Mercalli-Sieberg Scale							
		II	III	IV	V	VI	VII	VIII	Total
Xeropotamos	Samothraki	-	-	-	-	1	-	-	1
Xylokastron	Corinthia	1	1	14	1	-	-	-	17
Zacharo	Olympia	-	-	1	1	-	-	-	2
Zagliverion	Lagadas	-	-	-	-	1	-	-	1
Zagora	Volos	-	-	-	1	-	-	-	1
Zacros	Sitia	-	-	4	3	-	-	-	7
Zante	Zante	-	1	3	1	1	-	-	6
Total		36	148	245	140	41	4	4	618