

II. 9 avril

Stuttgart eP 15 08 00 eL(Q) 15 27
 Toledo e 09 14
 inscrit à Strasbourg, Roma, Paris, Istanbul, Kew, Uccle,
 Uppsala, Alicante, De Bilt, Helwan.

I. 10 avril

Amérique Centrale probablement préliminaire du
 I. 12 avril H = 13^h 44^m,9 (B.C.I.S.)

| | | | | | | | |
|------------|----|----------|-----|----------|------|------|---|
| Bogota | e | 13 49 28 | | | | | |
| Cleveland | eP | 50 27,6 | eS | 13 55 03 | 2900 | 26,1 | C |
| Pasadena | eP | 57 | | | | | |
| Strasbourg | e | 57 20 | | | | | |
| Stuttgart | e | (20) | (M) | 15 26 | | | |

I. 12 avril

au voisinage de la côte du Guatemala
 vers 14°N 90°¹/₂ W h = 200 km ca, H = 06^h 15^m,3 (U.S.C.G.S.)
 14,4°N 90°⁷/₁₀ W h = 200 km ca, H = 06^h 15^m,20^s (J.S.A.)

| | | | | | | | |
|----------------|------|----------|-----|----------|------|------|---|
| Balboa Heights | eP | 06 18 05 | | | 1340 | 12,1 | |
| Spring Hill | P | 19 07 | S | 06 22 15 | 1830 | 16,5 | |
| Bogota | iP | 26 | eS | 50 | | | |
| San Juan | eP | 20 17 | eL | 25 | 2640 | 23,8 | |
| St. Louis | iP | 19 | iS | 24 36 | 2680 | 24,1 | |
| Tucson | eP | 35 | ipP | 21 15 | 2860 | 25,7 | |
| Cleveland | iP | 55,0 | eS | 25 25 | 3110 | 28,0 | C |
| Pasadena | iP | 21 30 | ipP | 22 00 | 3530 | 31,8 | C |
| Timiskaming | P | 43,5 | S | 26 51,5 | 3700 | 33,3 | |
| Kirkland Lake | P | 52,5 | | | 3830 | 34,5 | |
| Alicante | (eP) | 27 31 | eL | 53 19 | | | |
| Strasbourg | eP | 32 | epP | 28 20 | 9420 | 84,8 | |
| Stuttgart | eP | 35,0 | epP | 23 | | | |

inscrit à Ksara, De Bilt, Uccle.

II. 12 avril

région épacentrale au Sud de l'Archipel Bismark
 vers 7°S 152°¹/₂ E H = 08^h 49^m,2 (B.C.I.S.)

| | | | | | | | |
|--------------|-------|------------|-------|----------|----------|-------|---|
| Brisbane | i(PP) | 08 54 10 | e(SS) | 08 57 50 | 2200 ca | 19,8 | |
| Riverview | iP | 48 | i(S) | 59 37 | 2900 ca | 26,1 | C |
| Auckland | iP | 56 17 | iS | 09 02 01 | | | |
| Wellington | iP | 41 | iS | 43 | 4350 ca | 39,2 | |
| Christchurch | iP | 56 | S | 03 06 | | | |
| Berkeley | P | 09 02 18 | SKS | 12 46 | | | |
| Pasadena | iP | 27 | e(S) | 55 | 10350 ca | 93,2 | |
| Istanbul | PKP | 08 07 | SKKS | 19 02 | | | |
| Stuttgart | ePKPP | 10 | iPP | 10 20,5 | | | |
| Strasbourg | ePKP | 16 | iPP | 24 | 14300 ca | 128,7 | |
| Zurich | ePKP | 09 03 16,7 | ePP | 10 17,0 | | | |
| Basel | ePKP | 17,9 | e | 11 29,0 | | | |
| Uccle | ePKP | 18 | ePP | 10 24 | | | |
| Roma | ePKP | 18 | iPP | 33 | | | D |

II. 12 avril (suite)

| | | | | | | | |
|------------------|-------|-------|------|-------|----|----|------|
| Firenze Xim | ePKP | 09 08 | 22,2 | e | 09 | 11 | 45,0 |
| Paris | ePKP | | 22 | iPP | | 10 | 39 |
| Toledo | ePKP | | 25 | i | | 11 | 42 |
| Clermont | iPKP | | 26 | iPP | | 10 | 54 |
| Bogota | e | | 27 | | | | |
| Prato | e | | 37,9 | ePP | | | 29,7 |
| Morne des Cadets | e | | 43 | | | | |
| Ksara | ePP | | 50 | (PPS) | | 19 | 51 |
| Alicante | (PKP) | 09 03 | | e | | 13 | 03 |
| Cleveland | ePP | | 31 | eSKS | | 15 | 03 |
| Jena | e | 10 03 | | | | | |
| De Bilt | iPP | | 16 | eSS | | 27 | 20 |

inscrit à Arapuni, Jersey, Helwan.

I. 14 avril

Iles ioniennes ?

| | | | | | | | | |
|-----------|----|-------|-------|----|-------|-------|-----|-----|
| Tarante | iP | 03 03 | 20 | eS | 03 04 | 09 | 450 | 4,1 |
| Roma | e | | 04 42 | e | | 05 33 | | |
| Beograd | e | | 05 05 | e | | 06 01 | | |
| Trieste | e | | 08 | eM | | 07 27 | | |
| Stuttgart | e | | 30 | e | | 09 35 | | |

inscrit à Istanbul

I. 15 avril

Pacifique Sud.

| | | | | | | |
|-----------|-------|-------|-------|--------|-------|-------|
| Brisbane | iP | 19 39 | 42 | iS | 19 43 | 46 |
| Pasadena | eP | | 47 55 | ipP? | | 48 21 |
| Roma | ePKP | | 51 50 | e(SKP) | | 57 14 |
| Stuttgart | e | | 53 48 | e | | 55 50 |
| Paris | e | | 58 | eL | 20 | 46 |
| Clermont | iPKP | 54 01 | | i | 19 57 | 25 |
| Ksara | e(PP) | | 35 | e | 20 06 | 22 |

inscrit à Trieste, Strasbourg, Istanbul, Kew, Cleveland, Jersey, De Bilt, Alicante, Uccle, Wellington.

I. 17 avril

Cote SE du Japon

ressenti largement au S du Japon, faible raz de marée

| | | | | |
|------|----------|------------|---|--|
| vers | 33° N | 135° 1/2 E | H = 16 ^h 11 ^m ,5 | (U.S.C.G.S.) |
| | 32° 7' N | 135° 6' E | h = 100 Km | H = 16 ^h 11 ^m 40 ^s (J.S.A.) |
| | 33° 3' N | 135° 9' E | H = 16 ^h 11 ^m 28 ^s | (B.C.I.S.) |
| | 33° 7' N | 136° 2' E | (Roma) | |

magnitude 7,2 d'après Pasadena, 7 1/2 d'après Strasbourg.

| | | | | | | | | |
|-----------|----|-------|-------|----|-------|-------|------|------|
| Guam | iP | 16 16 | 09 | iS | 16 20 | 17 | 2340 | 21,1 |
| College | iP | | 21 01 | iS | | 28 42 | 6140 | 55,3 |
| Honolulu | eP | | 35 | iS | | 29 44 | 6610 | 59,5 |
| Brisbane | iP | | 52 | iS | | 30 20 | | |
| Sitka | eP | | 53 | iS | | 23 | 6970 | 62,7 |
| Riverview | iP | 22 33 | | e | | 58 | 7515 | 67,7 |
| Helsinki | iP | | 49,5 | e | | 31 44 | 7950 | 71,5 |
| Uppsala | iP | 23 07 | | iS | | 32 39 | 8300 | 74,7 |

D
C
C

I. 17 avril (suite)

| | | | | | | | | | |
|---------------|----|-------|------|------|-------|------|-------|------|---|
| Grand Coulée | iP | 16 23 | 13 | | | | 8410 | 75,7 | |
| Scoresby Sund | iP | | 15 | S | 16 32 | 50 | 8430 | 75,9 | |
| Berkeley | P | | 34 | S | 33 | 34 | 8790 | 79,1 | C |
| Kobenhavn | iP | | 36 | iS | | 34 | 8840 | 79,6 | |
| Santa Clara | iP | | 37 | eS | | 40 | 8870 | 79,8 | |
| Ksara | iP | | 39 | eS | | 55 | 8860 | 79,5 | C |
| Istanbul | P | | 41 | S | | (43) | | | |
| Bucarest | P | | 41 | PP | 26 | 26 | | | |
| Bogeman | eP | | 47 | iS | 33 | 55 | 9045 | 80,4 | |
| Wellington | iP | 16 23 | 49 | ePP | 16 27 | 08 | 9105 | 82,0 | C |
| Budapest | P | | 50 | iS | 34 | 06 | 9115 | 82,1 | |
| Praha | iP | | 52 | eS | | 06 | 9175 | 82,6 | |
| Kalocsa | P | | 55 | S | | 14 | 9190 | 82,7 | |
| Jena | iP | | 56 | eS | | 13 | | | |
| Beograd | iP | | 56 | eS | | 11 | 9225 | 83,0 | C |
| Logan | iP | | 58 | iS | | 17 | 9270 | 83,3 | |
| Pasadena | iP | | 58 | iS | | 20 | 9330 | 84,0 | C |
| Christchurch | P | 24 | 04 | S | | 23 | | | |
| Durham | iP | | 05 | iS | | 27 | 9500 | 85,5 | |
| Helwan | iP | | 05 | iS | | 29 | 9460 | 85,1 | D |
| Boulder City | eP | | 05 | | | | 9220 | 83,0 | |
| De Bilt | iP | | 05 | iS | | 29 | 9460 | 85,1 | C |
| Trieste | iP | | 09 | iS | | 42 | 9555 | 86,0 | C |
| Stuttgart | iP | | 09,3 | iSKS | | 32 | | | C |
| Tarante | iP | | 10 | eS | | 44 | | | |
| Uccle | iP | | 11 | iSKS | | 36 | 9605 | 86,4 | C |
| Strasbourg | iP | | 13 | iS | | 54 | 9630 | 86,7 | C |
| Zurich | eP | | 14,4 | eSKS | | 38,4 | 9685 | 87,2 | C |
| Chur | iP | | 14,9 | eSKS | | 36,2 | | | C |
| Padova | iP | | 16 | S | 35 | 07 | | | |
| Basel | eP | | 16,1 | iSKS | 34 | 42,1 | | | C |
| Salo | iP | | 17,4 | iS | | 55,5 | | | C |
| Kew | iP | | 18 | iS | 35 | 04 | | | C |
| Prato | eP | | 18,5 | iSKS | 34 | 48 | 9840 | 88,6 | |
| Eologne | iP | | 20,4 | eSKS | | 38,4 | | | C |
| Pavia | i | | 23 | | | | | | |
| Paris | iP | | 23 | iSKS | | 49,5 | 9860 | 88,7 | |
| Messina | eP | | 23,4 | e | 35 | 33 | | | |
| Rome | iP | | 24,1 | iS | | 17,6 | 9920 | 89,3 | C |
| Neuchâtel | eP | | 24,2 | eSKS | 34 | 45,2 | 9800 | 88,2 | |
| Firenze Xim | iP | | 24,4 | iSKS | | 44,6 | 9840 | 88,6 | |
| Jersey | eP | | 28 | eS | 35 | 18 | | | |
| Tucson | iP | | 29 | eS | | 19 | 10000 | 90,0 | |
| Clermont | iP | | 33 | iS | | 30 | 10100 | 90,9 | |
| Lincoln | eP | | 43 | iS | | 35 | 10260 | 92,3 | |
| Kirkland Lake | P | | 44 | PP | 28 | 28 | 10340 | 93,1 | |
| Firenze | iP | | 44,9 | eS | 35 | 22 | | | C |
| Barcelona | eP | | 49 | PS | 37 | 19 | 10530 | 94,8 | |
| Timiskaming | P | | 51,7 | PP | 28 | 36 | 10520 | 94,7 | |
| Ebro-Tortosa | iP | | 54 | iSKS | 35 | 30 | 10730 | 96,6 | |

I. 18 avril (suite)

| | | | | | | |
|----------------|--------|----------|--------|----------|-------|-------|
| Beograd | e | 12 38 42 | e | 12 41 32 | 12300 | 110,7 |
| Uppsala | PP | 42 | eSS | 53 42 | 11860 | 106,7 |
| Pavia | e | 43 | | | | |
| Bologne | e | 45 | e | 50 26 | | |
| Paris | ePKP | 47 | iPP | 40 11 | 13330 | 120,0 |
| Clermont | e | 48 | i | 47 17 | | |
| Roma | e | 49 | ePP | 39 46,8 | 13020 | 117,2 |
| Cleveland | ePKP | 58 | e | 50 37 | 14190 | 127,7 |
| Toledo | ePKP | 39 04 | iPP | 41 14 | 14340 | 129,1 |
| Lisbonne | PKP | 08,0 | (PP) | 40,2 | | |
| Budapest | ePP | 08 | e | 48 48 | 12310 | 101,8 |
| Alicante | PKP | 10 | (PP) | 41 03 | | |
| Fordham | ePKP | 10 | iSKP | 42 30 | 14720 | 132,5 |
| Georgetown | ePKP | 12 | iPP | 41 22 | 14665 | 132,0 |
| Cartuja | iPKP | 13 | i(PP) | 39 | | |
| Praha | ePP | 16 | | | | |
| St. Louis | e(PKP) | 23 | eSKKS | 47 30 | 13700 | 123,3 |
| Trieste | ePP | 33 | iSKKS | 46 35 | 12760 | 114,8 |
| Bogota | ePKP | 40 | e | 54 03 | 16400 | 147,6 |
| Honolulu | eS | 42 | eL | 50 05 | 7500 | 67,5 |
| Strasbourg | ePP | 43 | ePS | 49 38 | 13020 | 117,2 |
| La Paz | iPKP | 43 | i | 43 16 | 16430 | 147,9 |
| Basel | ePP | 43,3 | ePS | 49 46,0 | | |
| San Juan | e(PKP) | 52 | (iPP) | 43 44 | 16890 | 152,0 |
| De Bilt | ePP | 53 | ePS | 49 28 | 12965 | 116,7 |
| Padova | ePP | 53 | e | 42 44 | | |
| Firenze Kim | ePP | 53,2 | eSKS | 45 25,6 | 13030 | 117,3 |
| Prato | ePP | 55,5 | e | 46 52,5 | 13040 | 117,4 |
| Neuchâtel | ePP | 55,5 | | | | |
| Uccle | ePP | 56 | e | 45 29 | 13095 | 117,9 |
| Kew | i | 40 18 | eL(Q) | 13 16 | | |
| Kirkland Lake | ePP | 32 | | | 13840 | 124,6 |
| Philadelphia | ePP | 41 35 | iSKP | 12 42 36 | 14710 | 132,4 |
| Burlington | eSKP | 42 28 | e(PPS) | 53 14 | 14465 | 129,3 |
| New Kensington | eSKP | 34 | eL | 13 22 22 | 14345 | 129,1 |

inscrit à Jersey, Durham, Tacubaya, Barcelona, Alger,
Santa Clara, Temiskaming.

I. 20 avril
au large du Guatemala

vers 14⁰ N 92⁰ W, H = 02^h 11^m,0 (U.S.C.G.S.)
vers 14,4N 92,2 W h = 100 Kms, H = 02^h 11^m 14^s (J.S.A.)

| | | | | | | |
|-----------|----|----------|----|----------|------|--------|
| Tacubaya | P | 02 13 07 | L | 02 14 55 | 920 | 8,3 |
| Bogota | iP | 15 47 | i | 19 53 | 2290 | 20,6 |
| St. Louis | iP | 16 22 | eS | 20 42 | 2690 | 24,2 |
| Tucson | eP | 27 | e | 55 | 2720 | 24,5 |
| Cleveland | eP | 17 00,7 | eS | 21 56 | 3180 | 28,6 C |
| ... | iP | 12 | | | 3300 | 29,7 |

II. 21 avril (suite)

| | | | | |
|----------|-----|----------|----|-------|
| Alicante | e | 15 43 14 | eL | 16 43 |
| De Bilt | e | 42 | eL | 35 |
| Trieste | ePP | 44 14 | eM | 45 26 |
| Paris | e | 30 | eL | 40 |

inscrit à Cleveland, Toledo, Praha, Bogota, Uccle.

III-IV. 21 avril

Mer des Antilles, au large de Péninsule Samana : République Dominicaine, fortement ressenti à Trujillo. Région épacentrale voisine de celle des séismes destructeurs des 4 et 8 août 1946

vers 19° N 69° 1/2 W, H = 20^h 22^m 0^s (U.S.C.G.S.)

19° 0' N 69° 0' 2" W, H = 20^h 22^m 03^s (J.S.A.)

19° 3' N 69° 3' W, H = 20^h 22^m 01^s (B.C.I.S.)

magnitude 7 1/4 d'après Strasbourg, Pasadena et Wellington.

| | | | | | | |
|------------------|----|----------|------|----------|------|--------|
| San Juan | iP | 20 22 54 | i | 20 22 56 | 345 | 3,1 |
| Morne des Cadets | eP | 24 17 | i(S) | 26 12 | | |
| Balboa Heights | iP | 25 27 | iS | 28 01 | 1580 | 14,2 |
| Bogota | iP | 41 | iS | 33 | 1690 | 15,2 |
| Georgetown | iP | 26 43 | | | 2300 | 20,7 |
| Philadelphia | iP | 48 | iS | 30 48 | 2355 | 21,2 |
| Fordham | eP | 56 | S | 56 | 2425 | 21,8 |
| State College | iP | 27 06 | iS | 31 18 | 2525 | 22,7 |
| Harvard | P | 11 | iS | 20 | 2580 | 23,2 |
| New Kensington | iP | 13 | iS | 14 | 2630 | 23,7 |
| Cleveland | eP | 22,6 | iS | 55,6 | 2720 | 24,5 C |
| Burlington | eP | 29 | iS | 32 04 | 2815 | 25,3 |
| St. Louis | P | 41 | S | 16 | 2940 | 26,5 |
| Spring Hill | P | 42 | S | 31 34 | | |
| Ottawa | iP | 42 | eS | 32 11 | 2950 | 26,6 |
| Chicago | eP | 48 | iS | 15 | 3045 | 27,4 |
| Tacubaya | iP | 28 00 | iS | 31 | 3140 | 28,3 C |
| Lincoln | eP | 30 | iS | 33 36 | 3475 | 31,3 |
| La Paz | iP | 29 01 | iS | 34 31 | 3950 | 35,5 |
| Tucson | P | 33 | S | 35 41 | 4370 | 39,3 |
| Logan | eP | 54 | iS | 36 13 | 4705 | 42,3 |
| Salt Lake City | eP | 54 | iS | 16 | 4710 | 42,4 |
| Boulder City | eP | 30 05 | | | 4900 | 44,1 |
| Bogoman | eP | 09 | iS | 32 | 4800 | 43,2 |
| Pasadena | iP | 26 | iS | 37 13 | 5070 | 45,6 |
| Santa Clara | iP | 37 | iS | 38 10 | | |
| Grand Coulee | iP | 50 | iS | 00 | 5445 | 49,0 |
| Berkeley | eP | 55 | e | 37 27 | 5485 | 49,4 |
| Santa Lucia | eP | 58 | iS | 38 21 | | |
| Lisbonne | P | 31 37,5 | S | 39 23,5 | | |
| Scoresby Sund | P | 32 02 | S | 40 07 | 6495 | 58,5 |
| Toledo | iP | 07 | S | 16 | 6570 | 59,1 |
| Cartuja | iP | 10 | iS | 22 | | |
| Jersey | eP | 23 | eS | 42 | | |
| Sitka | P | 26 | iS | 40 | 6760 | 60,8 |
| Kew | iP | 26 | eS | 50 | | |

III-IV. 21 avril (suite)

| | | | | | | |
|--------------|--------|----------|--------|----------|-------|---------|
| Durham | iP | 20 32 27 | iS | 20 40 51 | 6850 | 61,7 |
| Alicante | iP | 30 | S | 55 | 6880 | 61,9 |
| Ebro-Tortosa | eP | 33 | iS | 41 05 | 6950 | 62,5 |
| Paris | eP | 37,5 | iS | 14 | 7000 | 63,0 |
| Clermont | eP | 42 | eS | 23 | 7145 | 64,3 |
| Barcelona | P | 44 | iS | 20 | 7080 | 63,7 |
| Uccle | eP | 44,3 | iS | 29 | 7100 | 63,9 D |
| De Bilt | iP | 49 | eS | 38 | 7280 | 65,5 D |
| Alger | iP | 51 | iS | 36 | 7290 | 65,6 |
| Neuchâtel | eP | 57,9 | eS | 55,8 | | |
| Basel | eP | 58,0 | eS | 54,0 | | |
| Zurich | eP | 33 00,7 | eS | 53,3 | | |
| Strasbourg | eP | 01 | iS | 42 03 | 7480 | 67,3 |
| College | eP | 03 | iS | 41 58 | 7540 | 67,9 |
| Stuttgart | eP | 04 | eS | 42 10 | | |
| Salò | eP | 13 | S | 35 | | |
| Chur | eP | 13,7 | eS | 16,2 | | |
| Pavia | i | 14 | | | | |
| Jena | eP | 16 | eS | 29 | | |
| Bologna | eP | 17,6 | eS | 34 | | |
| Köbenhavn | iP | 20 | iS | 26 | 7740 | 69,7 C |
| Firenze | eP | 21,5 | eS | 31,5 | | |
| Prato | iP | 24 | iS | 31,5 | 7790 | 70,1 |
| Roma | eP | 24 | iS | 39,7 | 7935 | 71,4 D |
| Lund | P | 25 | S | 33 | 7790 | 70,1 |
| Firenze Xim. | iP | 25,8 | iS | 38,7 | 7800 | 70,2 |
| Praha | iP | 28 | eS | 41 | 7950 | 71,5 |
| Padova | iP | (29) | S | 43 | | |
| Tunis | eP | 30 | iS | 20 40 00 | 7830 | 70,5 |
| Uppsala | P | 32 | eS | 44 | 8000 | 72,0 |
| Trieste | iP | 38 | iS | 47 | 7970 | 71,7 C |
| Catania | e | 39 ca | | | | |
| Messina | eP | 50,5 | | | | |
| Budapest | P | 51 | eS | 43 27 | 8330 | 75,0 |
| Helsinki | eP | 51 | eS | 30 | 8400 | 75,6 C |
| Taranto | P | 55 | S | 31 | | |
| Kalocsa | iP | 55 | S | 30 | 8345 | 75,1 |
| Beograd | iP | 34 02 | eS | 33 | 8500 | 76,5 C |
| Bucarest | P | 27 | S | 44 26 | | |
| Honolulu | eP | 27 | eS | 34 | 9070 | 80,6 |
| Istanbul | iP | 36 | SKS | 47 | | |
| Helwan | iP | 35 06 | i\$KS) | 45 37 | 9930 | 89,4 C |
| Ksara | eP | 13 | S | 53 | | |
| Riverview | e(PKP) | 41 23 | ePP | 44 34 | 15750 | 141,8 D |
| Brisbane | i | 25 | i | 51 12 | | |
| Tananarive | ePP | 42 31 | SS | 58 59 | 13410 | 120,7 |
| Wellington | ePP | 34 | iPS | 52 31 | | |
| Christchurch | PKP | 42 | SS | 21 00 26 | | |
| Auckland | e | 44 1/2 | | | | |
| Guam | e | 45 58 | | | 14800 | 133,2 |

suivi d'une réplique inscrite à Pasadena, Toledo, Stuttgart, Beograd
H = 20 h. 32 m,3 (B.C.I.S.)

IX. 21 avril (suite)

| | | | | |
|-----------|-------|----------|-------|------------|
| Roma | ePn? | 23 44 32 | i | 23 46 43,7 |
| Bucarest | e | 44,7 | i | 41 |
| Catania | e | 45 30 | | |
| Beograd | e | 33 | | |
| Praha | e(P) | 35 | e(S) | 47 49 |
| Bologna | e | 36 | e | 57 |
| Trieste | (ePn) | 36 | e(Sn) | 12 |
| Stuttgart | e(P) | 42 | e | 50 25 |

inscrit à Padova, Ksara, Budapest, Strasbourg.

I. 22 avril

réplique du III. 21 avril

H = 00 h. 28 m. 3 (U.S.C.G.S.); H = 00 h. 28 m. 17s. (J.S. (BCIS))
magnitude 6 1/2 ca d'après Strasbourg.

| | | | | |
|------------------|----|----------|------|----------|
| San Juan | iP | 00 29 09 | | 00 32 33 |
| Morne des Cadets | eP | 30 38 | e(S) | 34 22 |
| Balboa Heights | iP | 31 45 | eS | 51 |
| Bogota | iP | 57 | iS | 36 40 |
| Georgetown | iP | 33 00 | iS | 37 09 |
| Philadelphia | iP | 05 | iS | 16 |
| Fordham | P | 17 | S | 33 |
| State College | eP | 22 | iS | 39 |
| New Kensington | eP | 26 | iS | 35 |
| Harvard | iP | 28 | iS | 59 |
| Cleveland | eP | 37 | iS | 38 18 |
| Burlington | eP | 42 | iS | 32 |
| St. Louis | iP | 56 | iS | 38 |
| Ottawa | iP | 34 01 | eS | 37 59 |
| Spring Hill | P | 05 | S | 36 |
| Chicago | eP | 07 | eS | 39 05 |
| Tacubaya | iP | 18 | eS | 53 |
| Lincoln | eP | 39 | eS | 40 54 |
| La Paz | iP | 35 16 | iS | 41 40 |
| Tucson | eP | 48 | eS | 42 35 |
| Logan | eP | 36 09 | iS | 20 |
| Salt Lake City | eP | 14 | eS | |
| Boulder City | iP | 21 | | 48 |
| Bozeman | eP | 27 | eS | 43 31 |
| Pasadena | eP | 38 | S | 44 13 |
| Grand Coulee | eP | 37 05 | iS | |
| Santa Clara | eP | 13 | | 22 |
| Berkeley | eP | 10 | S | |
| Lisbonne | P | 54,2 | S | 45 37,3 |
| Scoresby Sund | P | 38 21 | S | 46 20 |
| Toledo | iP | 21 | S | 31 |
| Cartuja | iP | 27 | iS | 36 |
| Sitka | eP | 37 | iS | 52 |
| Alicante | iP | 38 | S | 47 02 |
| Jersey | eP | 39 | eS | 46 51 |
| Durham | iP | 41 | iS | 47 03 |

D

D

III. 22 avril
Iles Ioniennes

Destructeur dans l'île de Leucade, dégâts dans les villages de Vassilike, Saint-Pierre, Dragan, Camilion, Athanion, Kalamitsion, Eglouvi ; ressenti à Prveza, Agrinion, Zante, Missolonghi, Corfou, d'après Athènes.

38°⁰,5 N 20°⁰,6 E H = 10^h 42^m 41^s (E.C.I.S.)
 38°⁰,6 N 19°⁰,5 E H = 10^h 42^m 48,6^s (Rome)
 38°⁰,7 N 20°⁰,4 E H = 10^h 42^m 44^s (Trieste)
 38°⁰,5 N 20°⁰ E (Praha)

| | | | | | | | | |
|--------------|------|-------|------|------|-------|------|------|--------|
| Athènes | iP | 10 43 | 24,0 | S | 10 43 | 57,2 | 280 | 2,5 |
| Taranto | P | | 28 | | | | | |
| Messina | eP | | 43,8 | i(S) | 44 | 28,5 | | |
| Catania | ePn | | 50 | eSn | | 31 | | |
| Beograd | iPn | 44 | 15,5 | i | 45 | 53 | 700 | 6,3 |
| Roma | ePn | | 27,1 | iSn | | 44,9 | 785 | 7,1 D |
| Istanbul | iPn | | 33 | iSn | | 50 | 780 | 7,0 |
| Bucarest | Pn | | 38 | Sn | 46 | 05 | | |
| Campulung | P | | 38 | | | | | |
| Kalocsa | P | | 46 | iS | | 10 | 900 | 8,1 |
| Trieste | ePn | | 49,0 | iSn | | 23,0 | 965 | 8,7 |
| Firenze | ePn | | 53,6 | eSn | | 28,8 | 960 | 8,7 |
| Tunis | e(P) | | 54 | eS | 47,4 | | 930 | 8,4 |
| Firenze Xim. | ePn | | 55,4 | iSn | 46 | 38,2 | 970 | 8,7 |
| Prato | ePn | | 56 | iSn | | 31,5 | 990 | 8,9 |
| Bologna | ePn | | 57,7 | iSn | | 34 | | |
| Budapest | P | | 58 | S | | 42 | 995 | 8,9 |
| Padova | P | 45 | 03 | S | | 45 | | |
| Salò | eP | | 09 | iS | 47 | 03 | | |
| Pavia | ePn | | 20 | eSn | | 44 | | |
| Chur | eP | | 32,0 | eS | | 40,7 | | |
| Zurich | eP | | 39,3 | eS | 48 | 01,1 | | D |
| Praha | iP | | 40 | iS | 47 | 58 | 1380 | 12,4 |
| Helwan | P | | 42 | (S) | | 54 | 1380 | 12,4 |
| Stuttgart | eP | | 46,5 | iS | 48 | 25 | | |
| Neuchâtel | eP | | 47,2 | | | | | |
| Basel | eP | | 48,0 | eS | | 16,0 | | |
| Strasbourg | eP | | 57 | iS | | 38 | 1520 | 13,7 |
| Ksara | eP | | 58 | (S) | | (56) | | |
| Alger | P | 46 | 00 | iS | | 42 | | |
| Jena | eP | | 02 | e(S) | | 54 | | |
| Barcelona | eP | | 08 | e | 49 | 34 | 1610 | 14,5 |
| Clermont | eP | | 18 | iS | | 06 | 1650 | 14,8 |
| Ebro-Tortosa | iP | | 25 | iS | | 20 | 1740 | 15,7 |
| Alicante | iP | | 35 | (S) | | 51 | 1835 | 16,5 |
| Uccle | eP | | 38,3 | iS | | 54 | | |
| Paris | eP | | 39 | iS | | 43 | | |
| De Bilt | iP | | 47 | iS | 50 | 09 | 1930 | 17,400 |
| Köbenhavn | P | | 53 | S | | 08 | 1925 | 17,3 |

III. 22 avril (suite)

| | | | | | | | |
|------------------|----|----------|-----|----------|--|-------|--------|
| Lund | P | 10 46 55 | | | | 1990 | 17,9 |
| Toledo | iP | 47 09 | S | 10 50 42 | | 2130 | 19,2 |
| Jersey | eP | 09 | eS | 51 00 | | | |
| Cartuja | iP | 09 | i | 40 | | | D |
| Uppsala | P | 28 | eS | 24 | | 2385 | 21,5 |
| Helsinki | eP | 35 | iS | 33 | | 2430 | 21,9 C |
| Durham | iP | 46 | iS | 45 | | 2460 | 22,2 |
| Lisbonne | P | 47,7 | S | 52 04,8 | | | |
| Scoresby Sund | P | 50 15 | S | 56 10 | | 4325 | 38,9 |
| Harvard | iP | 53 43 | eS | 11 02 31 | | 7410 | 66,7 |
| Cleveland | iP | 54 22,3 | iS | 03 45 | | | C |
| Morne des Cadets | e | 29 | | | | | |
| Pasadena | eP | 56 24 | ePP | 00 24 | | 10195 | 98,2 |
| La Paz | e | 11 00 32 | i | 09 24 | | | |

inscrit à Tananarive, Berkeley.

IV. 22 avril

Mer des Antilles

autre réplique du III. 21 avril

H = 13^h 09^m,0 (U.S.C.G.S.); H = 13^h 08^m 59^s (J.S.A.)

H = 13^h 09^m 00^s (B.C.I.S.)

| | | | | | | | |
|------------------|----|----------|-------|----------|--|--|---|
| San Juan | eP | 13 09 56 | iS | 13 10 31 | | | |
| Morne des Cadets | eP | 11 22 | e | 13 25 | | | |
| Bogota | iP | 12 44 | iS | 15 39 | | | |
| Georgetown | iP | 13 43 | iS | 17 30 | | | C |
| Philadelphia | eP | 45 | iS | 39 | | | |
| Fordham | eP | 56 | eS | 52 | | | |
| State College | iP | 14 05 | iS | 18 12 | | | |
| Harvard | iP | 10 | eS | 16 | | | |
| New Kensington | eP | 11 | eS | 17 | | | |
| Cleveland | eP | 21,8 | iS | 40,4 | | | C |
| St. Louis | eP | 38 | eS | 19 15 | | | |
| Ottawa | eP | 40 | eS | 19 | | | |
| Chicago | eP | 46 | e(S) | 20 | | | |
| La Paz | P | 15 32 | | | | | |
| Tucson | eP | 16 31 | | | | | |
| Bogán | eP | 56 | | | | | |
| Pasadena | eP | 17 23 | | | | | |
| Toledo | eP | 19 07 | | | | | |
| Alicante | eP | 20 | eS | 27 16 | | | |
| Clermont | eP | 41 | eS | 28 21 | | | |
| Strasbourg | eP | 20 00 | eS | 55 | | | |
| Stuttgart | eP | 03,5 | eL(R) | 42 - | | | |
| Roma | iP | 27,1 | eS | 29 47 | | | |
| Trieste | eP | 31 | iS | 45 | | | |
| Helwan | eP | 22 03 | e(S) | 32 33 | | | |
| Ksara | eP | 12 | eS | 32(54) | | | |

inscrit à Salt Lake City, Istanbul, De Bilt, Burlington, Bozoman, Padova, Lincoln.

| | | | | |
|----------------|----|----------|------|----------|
| New Kensington | eP | 11 55 29 | eS | 11 59 38 |
| Burlington | e | 34 | i | 12 01 15 |
| Cleveland | iP | 37,8 | iS | 11 59 56 |
| St. Louis | iP | 54 | iS | 12 00 26 |
| Spring Hill | P | 57 | S | 11 59 45 |
| Chicago | eP | 56 06 | eS | 12 00 41 |
| Tacubaya | iP | 14 | e(S) | 01 03 |
| La Paz | iP | 57 19 | iS | 02 53 |
| Boulder City | iP | 58 22 | | |
| Bozeman | e | 26 | eS | 04 44 |
| Pasadena | iP | 41 | iS | 05 26 |
| Salt Lake City | eP | 59 02 | i(S) | 04 30 |
| Berkeley | P | 10 | S | 06 14 |
| Toledo | eP | 12 00 27 | | |
| Cartuja | iP | 37 | iS | 08 37 |
| Paris | eP | 54 | eS | 09 27 |
| Clermont | eP | 58 | iS | 39 |
| Alger | P | 01 00 | S | 41 |
| Uccle | eP | 01,1 | eS | 40 |
| De Bilt | iP | 01 06 | eS | 52 |
| Strasbourg | iP | 17 | eS | 10 13 |
| Stuttgart | eP | 21,5 | eS | 18 |
| Roma | eP | 42 | iS | 58,4 |
| Praha | eP | 42 | eS | 11(00) |
| Firenze Xim. | eP | 45,0 | iS | 04,4 |
| Trieste | iP | 46 | iS | 02 |
| Istanbul | P | 02 50 | S | 13 13 |
| Helwan | eP | 03 24 | (S) | 14 10 |
| Ksara | eP | 03 28 | eS | 14 09 |

inscrit à Alicante, Taranto, Jena, Barcelone, Lincoln, Padova, Jersey, Uppsala, Durham, Bucarest, Beograd, Sitka, Lisbonne suivi d'une autre réplique à 12h 03^m,8 (B.C.I.S.) inscrit à Bogota, Harward, Pasadena.

IV. 23 avril

| | | | | | |
|-----------|------|----------|------|----------|-----------|
| Stuttgart | eP | 20 23 32 | e(S) | 20 28 38 | 3300 29,7 |
| Ksara | e(P) | 25(43) | eS | 36 21 | |
| Roma | e | 59 | e | 30 19 | |

inscrit à Kew, Cleveland, Clermont, Uccle, De Bilt, Strasbourg, Istanbul.

I. 24 avril

région épacentrale : Vrancea (Roumanie)
profond, ressenti III. à Bucarest d'après Bucarest.

| | | | | |
|------------|----|------------|---|------------|
| Bucarest | P | 12 30 02,7 | S | 12 30 11,2 |
| Campulung | P | 03 | S | 21 |
| Budapest | eP | 31 50 | i | 32 43 |
| Stuttgart | e | 32 20,5 | | |
| Strasbourg | e | 33 | | |
| Clermont | e | 33 11 | | |
| Paris | iP | 17 | | |

II. 24 avril
données insuffisantes

| | | | | |
|-----------|---|----------|-----|----------|
| Helwan | e | 16 51 32 | c | 16 53 34 |
| Ksara | e | 53 04 | (M) | 17 01 30 |
| Istanbul | e | 20 | eM | 16 55,0 |
| Stuttgart | e | 54 23 | | |

inscrit à Jena, Strasbourg, Paris, Roma,

I. 26 avril
Atlantique Nord
préliminaire du suivant, H = 09h 25^m,6 (B.C.I.S.)

| | | | | |
|------------|----|----------|------|---------|
| Paris | eP | 09 30 52 | | |
| Toledo | eP | 31 01 | | |
| Clermont | eP | 10 | | |
| Uccle | eP | 31,2 | | |
| Strasbourg | eP | 24 | M | 09 41,6 |
| Stuttgart | eP | (29) | e(L) | 41 |
| Jena | eP | 33 | | |

II. 26 avril
Atlantique Nord

| | | | | |
|-----------------------------------|-----------------------------------|-----------|----------------------------------|--------------|
| vers 51° | N 34° | W H = 09h | 32 ^m ,4 | (U.S.C.G.S.) |
| 50° ⁰ ,0 | N 34° ¹ | W H = 09h | 32 ^m ,20 ^s | (J.S.A.) |
| 50° ⁴ / ₄ N | 34° ³ / ₄ W | H = 09h | 32 ^m ,3 | (B.C.I.S.) |
| 53° | N 35° | W H = 09h | 32 ^m ,4 | (Trieste) |

| | | | | | | |
|------------|------|----------|-------|----------|------|------|
| Durham | iP | 09 36 54 | i | 09 40 54 | | |
| Kew | eP | 37 57 | iS | 37 48 | | |
| Jersey | eP | 37 09 | eS | 41 07 | | |
| Paris | iP | 37,5 | eS | 41 59 | 2750 | 24,8 |
| Uccle | eP | 39 | eS | 42 00 | | |
| De Bilt | iP | 41 | eS | 00 | | |
| Toledo | iP | 47 | S | 17 | | |
| Clermont | iP | 54 | iS | 29 | | |
| Karvard | eP | 38 01 | eS | 37 | 2960 | 26,6 |
| Zurich | e(P) | 04,9 | | | | |
| Strasbourg | eP | 07 | e(S) | 48 | 3020 | 27,2 |
| Cartuja | iP | 09 | iS | 27 | | |
| Basel | eP | 11,6 | | | | |
| Stuttgart | eP | 14 | eL(R) | 46,0 | | |
| Uppsala | e(P) | 18 | c | 43 26 | | |
| Alicante | e(P) | 19 | (S) | 42 23 | | |
| Jena | eP | 19 | | | 3220 | 29,0 |
| Fordham | eP | 29 | | | 3570 | 32,1 |
| Trieste | iP | 50 | eS | 44 07 | | |
| Cleveland | eP | 39 00 | eS | 29 | | |
| Roma | eP | 03,3 | eS | 25,3 | 3700 | 33,3 |
| Padova | e | 10 | | | | |
| St.Louis | iP | 40 00 | eS | 46 09 | 4510 | 40,6 |
| Istanbul | iP | 32 | S | 47 03 | | |
| Ksara | eP | 41 42 | eS | 49 11 | | |

EE126 avril (suite)

| | | | | | | |
|----------|----|----------|----|----------|------|------|
| Helwan | eP | 09 41 42 | eS | 09 49 12 | | |
| Tucson | eP | 42 08 | eL | 10 01 - | 6430 | 57,9 |
| Bogota | e | 21 | | | | |
| Pasadena | iP | 26 | | | 6780 | 61,0 |
| La Paz | iP | 44 06 | | | | |

inscrit à Praha, Firenze Kim.

I. 28 avril
au large du Venezuela

vers 11^o N 63^o W h = 100 Kms ca, H = 12^h 01^m 8 (U.S.C.G.S)
 10^o1/2N 63^o W h = 100-150 Kms, H = 12^h 01^m 53^s (J.S.A.)
 10^o,3N 62^o,5W (Roma)

| | | | | | | |
|------------------|------|----------|------|----------|-------|--------|
| Morne des Cadets | iPn | 12 01 53 | iS | 12 02 41 | 320 | 2,9 |
| Caracas | e | 02 44 | | | | |
| San Juan | eP | 03 51 | i | 05 50 | 910 | 8,2 |
| Bogota | iP | 04 46 | iS | 07 21 | | |
| Balboa Heights | eP | 05 37 | | | 1840 | 16,6 |
| La Paz | iP | 07 30 | iS | 12 09 | 3080 | 27,7 D |
| Georgetown | iP | 08 00 | S | 58 | 3440 | 31,0 |
| Philadelphia | e | 05 | eS | 13 05 | 3480 | 31,3 |
| Fordham | iP | 06 | | | 3530 | 31,8 |
| Harvard | eP | 15 | | | 3630 | 32,7 |
| Cleveland | iP | 35,2 | eS | 14 01 | 3880 | 34,9 C |
| St. Louis | iP | 55 | iS | 32 | 41200 | 37,1 |
| Tucson | iP | 10 31 | e | 17 32 | 5460 | 49,1 |
| Boulder City | iP | 11 02 | | | 5930 | 53,4 |
| Pasadena | iP | 18 | pP | 11 39 | 6170 | 55,5 C |
| Toledo | iP | 45 | S | 19 51 | | |
| Clermont | iP | 12 26 | iS | 21 14 | | |
| Paris | iP | 27 | i(S) | 08 | | |
| Uccle | eP | 37 | | | | |
| Basel | eP | 46,5 | e | 19 48,0 | | |
| Strasbourg | eP | 47 | eS | 21 48 | 7730 | 69,6 |
| Stuttgart | e | 52 | | | | |
| Salò | eP | 58 | eS | 22 08 | | C |
| Jena | eP | 13 04 | | | | |
| Roma | iP | 05,1 | iS | 21,1 | 8060 | 72,5 C |
| Padova | eP | 05 | | | | |
| Trieste | iP | 10 | iS | 32 | 8140 | 73,3 C |
| Istanbul | iP | 14 11 | e | 24 23 | | |
| Helwan | iP | 33 | iS | 25 15 | | D |
| Ksara | eP | 50 | iS | 47 | | |
| Alicante | e(S) | 20 22 | eL | 36,6 | | |

inscrit à Bologna.

II. 28 avril

Explosion de 73 tonnes d'explosif à Haslach (Bade-Allemagne)
 H = 14 h. 29 m. 48,7 s. (Strasbourg)

| | | | | | | |
|------------|----|------------|----|------------|----|--|
| Strasbourg | iP | 14 29 57,2 | iS | 14 30 03,6 | | |
| Basel | eP | 05,5 | eS | 16,0 | 89 | |

- 77 -

II. 28 avril (suite)

| | | | | | | | | |
|-----------|-------|-------|--------|------|-------|------|-----|---|
| Stuttgart | c(P) | 14 30 | (06,5) | i(S) | 14 30 | 18,5 | 97 | |
| Zurich | eI | | 07,1 | eS | | 21,5 | 107 | D |
| Neuchâtel | eI | | 14,4 | eS | | 36,8 | 164 | |
| Chur | eI | | 19,4 | eS | | 44,6 | 192 | |
| Jena | e(In) | 31 37 | | | | | | |

I. 29 avril

région épacentrale : Vrancea (Roumanie)
profond, ressenti III-IV à Bucarest.

| | | | | | | | |
|-----------|----|-------|------|---|-------|-------|--|
| Bucarest | i | 00 34 | 08,3 | S | 00 34 | 25,9 | |
| Istanbul | iI | | 52 | e | | 35 32 | |
| Budapest | P | | 58 | e | | 36 43 | |
| Kalocsa | e | 35 00 | | | | | |
| Stuttgart | e | 36 26 | | | | | |

II. 29 avril

Explosion de 15 tonnes d'explosif. près de Haslach
(Bade-Allemagne), $H = 14^h 30^m 05^s,5$ (Strasbourg)

| | | | | | | | |
|------------|------|-------|------|------|-------|------|--|
| Strasbourg | eI | 14 30 | 14 | eS | 14 30 | 22 | |
| Basel | eI | | 23,3 | eS | | 34,0 | |
| Stuttgart | c(I) | | 23,4 | e(S) | | 35,5 | |
| Zurich | e | | 23,7 | eS | | 38,0 | |

I. 30 avril

Mer des Antilles

autre réplique du III. 21 avril, $H = 04^h 11^m,8$ (B.C.I.S.)

| | | | | | | | |
|------------------|----|-------|----|----|-------|----|--|
| Morne des Cadets | e | 04 14 | 06 | | | | |
| Bogota | eI | 15 33 | | eS | 04 18 | 16 | |
| Harvard | iI | 17 00 | | iS | 21 00 | | |
| Cleveland | eI | 16 | | eS | 34 | | |
| Pasadena | iI | 20 13 | | | | | |

inscrit à Stuttgart, Cartuja.

II. 30 avril

au voisinage de la côte méridionale de la Turquie
vers $35^{\circ},9$ N $30^{\circ},7$ E, $H = 14^h 50^m 45^s$ (B.C.I.S.)
profondeur légèrement supérieure à la normale, ressenti
au Caire d'après Helwan.

| | | | | | | | | |
|----------|-----|---------|----|------|---------|----|------|--------|
| Ksara | eI | 14 51 | 58 | iS | 14 52 | 47 | 520 | 4,7 |
| Istanbul | In | 52 07 | | S | 53 55 | | 585 | 5,3 |
| Helwan | In | 18 | | Sn | 24 | | 680 | 6,1 |
| Bucarest | P | 53,1 | | e | 55 03 | | | |
| Beograd | e | 51 | | e(S) | 57 16 | | | |
| Roma | eIn | 54 26,6 | | eSn | 29 | | 1695 | 15,3 D |
| Trieste | eI | 35 | | iS | 43 | | 1785 | 16,1 |
| Budapest | e | 50 | | | | | | |
| Praha | eI | 55 13 | | eIP | 55 21 | | | |
| Padova | e | 16 | | | | | | |
| Zurich | iI | 19,8 | | eS? | 59 03,1 | | 2210 | 19,9 D |

II. 30 avril (suite)

| | | | | | | | | |
|------------|----|-------|------|------|-------|------|------|--------|
| Stuttgart | i | 14 55 | 24,0 | i | 14 59 | 10,5 | 2240 | 20,2 D |
| Jena | ep | | 24 | e(S) | | 08 | | |
| Basel | ep | | 28,5 | cS? | | 18,0 | | |
| Strasbourg | ip | | 33 | i(S) | | 25 | 2330 | 21,0 |
| Clermont | e | | 53 | | | | | |
| Paris | ip | 56 05 | | e | 15 08 | 09 | | |

inscrit à Uccle, De Bilt, Alicante.

De nombreuses autres répliques du III. 21 avril (Mer des Antilles) ont été enregistrées par les stations de Bogota, Harvard, Morne des Cadets, Cleveland, etc....

Diverses stations ont enregistré un nombre variable de séismes locaux.

Achévé d'imprimé le 31 Juillet 1948.

F. Staebell