

OBSERVATIONS SÉISMQUES  
DE LA STATION SÉISMOLOGIQUE  
DE SKALNATÉ PLESO EN 1954

*A. Molnár, J. Nykles*

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Appareil:

Pendule astatique Wiechert, masse 200 kg, amortissement d'air, composantes  
N et E, enregistrement mécanique

Coordonnées des appareils:

$\varphi = 49^{\circ}11'20''$  N       $\lambda = 20^{\circ}14'42''$  E      h = 1772 m

Sous-sol:

Granit

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Constantes 1954

| Mois                | Appareil | Cte | T <sub>0</sub> (s) | V <sub>0</sub> | $\frac{r}{T_0^2} \left( \frac{\text{mm}}{\text{s}^2} \right)$ | $\varepsilon : 1$ | Vitesse<br>de l'inscription |
|---------------------|----------|-----|--------------------|----------------|---------------------------------------------------------------|-------------------|-----------------------------|
| Janvier - Mars      | I        | N   | 8,0                | 78             | 0,006                                                         | 2,8               | 11 mm/min.                  |
|                     |          | E   | 8,0                | 56             | 0,003                                                         | 3,5               |                             |
| Avril - Juin        | I        | N   | 8,5                | 92             | 0,004                                                         | 2,9               | 11 mm/min.                  |
|                     |          | E   | 8,4                | 55             | 0,004                                                         | 3,5               |                             |
| Juillet - Septembre | I        | N   | 8,0                | 68             | 0,005                                                         | 2,5               | 11 mm/min.                  |
|                     |          | E   | 8,0                | 63             | 0,005                                                         | 2,9               |                             |
| Octobre - Décembre  | I        | N   | 7,7                | 84             | 0,008                                                         | 2,6               | 11 mm/min.                  |
|                     |          | E   | 7,8                | 70             | 0,008                                                         | 3,1               |                             |

Moyennes des valeurs mesurées au début de chaque mois.

Janvier 1954

Skalnaté Pleso

| Date   | Phase                             | Heure<br>h m s<br>T. M. G. | Période                | Amplitude $\mu$ |                |                | $\Delta$<br>km    | Remarques                                                                                                            |
|--------|-----------------------------------|----------------------------|------------------------|-----------------|----------------|----------------|-------------------|----------------------------------------------------------------------------------------------------------------------|
|        |                                   |                            |                        | A <sub>N</sub>  | A <sub>E</sub> | A <sub>Z</sub> |                   |                                                                                                                      |
| 11. I. | e <sub>E</sub> PP                 | 17 24 50                   | 19                     | 3               |                |                |                   | Région Riou-Kiou.<br>Faible.<br>$\Delta_c = 82,6^\circ$ .                                                            |
|        | M                                 | 56,5                       |                        |                 |                |                |                   |                                                                                                                      |
|        | F                                 | 18,0                       |                        |                 |                |                |                   |                                                                                                                      |
| 12. I. | e                                 | 14 41 34                   | 21<br>20               | 8<br>9          |                |                |                   | Nouvelle Zélande.<br>$\Delta_c = 157,2^\circ$ .                                                                      |
|        | e                                 | 43 24                      |                        |                 |                |                |                   |                                                                                                                      |
|        | e                                 | 58 33                      |                        |                 |                |                |                   |                                                                                                                      |
|        | M                                 | 15 57,0                    |                        |                 |                |                |                   |                                                                                                                      |
|        | M                                 | 16 01,3                    |                        |                 |                |                |                   |                                                                                                                      |
|        | F                                 | 16 30                      |                        |                 |                |                |                   |                                                                                                                      |
| 13. I. | e <sub>E</sub> (P' <sub>2</sub> ) | 00 34 12                   | 22<br>22; 21<br>19; 19 | 14<br>14<br>13  | 11<br>9        |                | (17600)<br>(158°) | Phases mal lisible.<br>Nouvelle Zélande.<br>Magnitude: 6 <sup>3</sup> / <sub>4</sub> .<br>$\Delta_c = 157,8^\circ$ . |
|        | e                                 | 34 26                      |                        |                 |                |                |                   |                                                                                                                      |
|        | ePKS                              | 36 20                      |                        |                 |                |                |                   |                                                                                                                      |
|        | e <sub>E</sub> PP                 | 37 20                      |                        |                 |                |                |                   |                                                                                                                      |
|        | e                                 | 38 23                      |                        |                 |                |                |                   |                                                                                                                      |
|        | e <sub>E</sub>                    | 40 42                      |                        |                 |                |                |                   |                                                                                                                      |
|        | e                                 | 48 33                      |                        |                 |                |                |                   |                                                                                                                      |
|        | eSS                               | 58,0                       |                        |                 |                |                |                   |                                                                                                                      |
|        | eSSS                              | 01 04,5                    |                        |                 |                |                |                   |                                                                                                                      |
|        | M                                 | 35,8                       |                        |                 |                |                |                   |                                                                                                                      |
|        | M                                 | 49,7                       |                        |                 |                |                |                   |                                                                                                                      |
|        | M                                 | 54,6                       |                        |                 |                |                |                   |                                                                                                                      |
| 18. I. | F                                 | 02 45                      | 8<br>7                 | 1               | 1              |                |                   | Coups de vent.<br>Ag. mi.<br>Grèce.<br>$\Delta_c = 11,4^\circ$ .                                                     |
|        | (e) <sub>N</sub> PP               | 14 19 17                   |                        |                 |                |                |                   |                                                                                                                      |
|        | e <sub>E</sub> S                  | 21 06                      |                        |                 |                |                |                   |                                                                                                                      |
|        | e                                 | 21 38                      |                        |                 |                |                |                   |                                                                                                                      |
|        | M                                 | 24,7                       |                        |                 |                |                |                   |                                                                                                                      |
|        | M                                 | 25,1                       |                        |                 |                |                |                   |                                                                                                                      |
| 23. I. | F                                 | dans l'ag.                 | 11<br>11               | 1<br>2          |                |                |                   | Tadjik, URSS.<br>$\Delta_c = 39,0^\circ$ .                                                                           |
|        | e <sub>E</sub>                    | 16 15 43                   |                        |                 |                |                |                   |                                                                                                                      |
|        | e <sub>N</sub>                    | 20 29                      |                        |                 |                |                |                   |                                                                                                                      |
|        | M                                 | 26,0                       |                        |                 |                |                |                   |                                                                                                                      |
|        | M                                 | 30,4                       |                        |                 |                |                |                   |                                                                                                                      |
| 30. I. | F                                 | 45,0                       | 10                     | 1               |                |                |                   | Iles Ioniennes.<br>$\Delta_c = 10,9^\circ$ .                                                                         |
|        | e <sub>E</sub>                    | 03 58 39                   |                        |                 |                |                |                   |                                                                                                                      |
|        | e <sub>N</sub>                    | 04 00 44                   |                        |                 |                |                |                   |                                                                                                                      |
|        | e <sub>N</sub>                    | 01 15                      |                        |                 |                |                |                   |                                                                                                                      |
|        | M                                 | 04,5                       |                        |                 |                |                |                   |                                                                                                                      |
|        | F                                 | 15,0                       |                        |                 |                |                |                   |                                                                                                                      |

Skalnaté Pleso

Février 1954

| Date    | Phase              | Heure<br>h m s<br>T. M. G. | Période | Amplitude $\mu$ |                |                | $\Delta$<br>km      | Remarques                                                                                                                      |
|---------|--------------------|----------------------------|---------|-----------------|----------------|----------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------|
|         |                    |                            |         | A <sub>N</sub>  | A <sub>E</sub> | A <sub>Z</sub> |                     |                                                                                                                                |
| 5. II.  | e                  | 09 39 17                   |         |                 |                |                | 13400 ca<br>121° ca | Nouvelle Bretagne.<br>Magnitude: 6 <sup>3</sup> / <sub>4</sub> .<br>$\Delta_c = 120,7^\circ$ .                                 |
|         | e <sub>N</sub> PP  | 39 53                      |         |                 |                |                |                     |                                                                                                                                |
|         | e <sub>N</sub>     | 41 12                      |         |                 |                |                |                     |                                                                                                                                |
|         | e <sub>N</sub> PPP | 42 32                      |         |                 |                |                |                     |                                                                                                                                |
|         | eSKKS              | 47,1                       |         |                 |                |                |                     |                                                                                                                                |
|         | e <sub>N</sub>     | 48 07                      |         |                 |                |                |                     |                                                                                                                                |
|         | ePPS               | 51 15                      |         |                 |                |                |                     |                                                                                                                                |
|         | e                  | 56 07                      |         |                 |                |                |                     |                                                                                                                                |
|         | e <sub>E</sub> SS  | 56 24                      |         |                 |                |                |                     |                                                                                                                                |
|         | e                  | 58 32                      |         |                 |                |                |                     |                                                                                                                                |
|         | M                  | 11 19,5                    | 32; 32  | 55              | 49             |                |                     |                                                                                                                                |
|         | M                  | 32,4                       | 19; 19  | 13              | 18             |                |                     |                                                                                                                                |
|         | F                  | 11 45                      |         |                 |                |                |                     |                                                                                                                                |
| 11. II. | ei } P             | 00 40 04,5                 | 3       | —1,1            |                |                | 6270<br>56,5°       | Chine.<br>Magnitude: 7 <sup>1</sup> / <sub>4</sub> .<br>PH : 4s; 25 $\mu$ .<br>SH: 6s; 15 $\mu$ .<br>$\Delta_c = 56,8^\circ$ . |
|         | i }                | 40 18,2                    | 4,5; 4  | 5,6             | 24,6           |                |                     |                                                                                                                                |
|         | i                  | 40 24                      | 3; 3    | 2,8             | 6              |                |                     |                                                                                                                                |
|         | i                  | 40 34                      |         |                 |                |                |                     |                                                                                                                                |
|         | eP <sub>c</sub> P  | 41 02                      |         |                 |                |                |                     |                                                                                                                                |
|         | eiPP               | 42 14                      |         |                 |                |                |                     |                                                                                                                                |
|         | ei                 | 43 09                      | 6; 4    | 1,4             | 4,8            |                |                     |                                                                                                                                |
|         | e                  | 43 13                      |         |                 |                |                |                     |                                                                                                                                |
|         | ePPP               | 43 26                      |         |                 |                |                |                     |                                                                                                                                |
|         | eiS                | 47 52                      | 7; 8    | 2,8             | 7,5            |                |                     |                                                                                                                                |
|         | eiPPS              | 48 19                      |         |                 |                |                |                     |                                                                                                                                |
|         | e                  | 48 56                      |         |                 |                |                |                     |                                                                                                                                |
|         | e                  | 50 00                      |         |                 |                |                |                     |                                                                                                                                |
|         | e                  | 50 13                      |         |                 |                |                |                     |                                                                                                                                |
|         | eSS                | 51 48                      |         |                 |                |                |                     |                                                                                                                                |
|         | eSSS               | 53 40                      |         |                 |                |                |                     |                                                                                                                                |
|         | eL                 | 56 00                      |         |                 |                |                |                     |                                                                                                                                |
|         | M                  | 01 00,4                    | 7       | 70              |                |                |                     |                                                                                                                                |
|         | M                  | 01,1                       | 7       |                 | 97             |                |                     |                                                                                                                                |
|         | M                  | 04,8                       | 14      | 140             |                |                |                     |                                                                                                                                |
|         | F                  | 02 30,0                    |         |                 |                |                |                     |                                                                                                                                |
| 19. II. | e                  | 00 55 36                   |         |                 |                |                | 10200<br>91,5°      | Ag. mi.<br>Nicaragua.<br>$\Delta_c = 92,0^\circ$ .                                                                             |
|         | e <sub>E</sub>     | 58 42                      |         |                 |                |                |                     |                                                                                                                                |
|         | eS                 | 01 04 39                   |         |                 |                |                |                     |                                                                                                                                |
|         | e <sub>N</sub> PPS | 06 09                      |         |                 |                |                |                     |                                                                                                                                |
|         | e <sub>N</sub> SS  | 10 39                      |         |                 |                |                |                     |                                                                                                                                |
|         | eSSS               | 14 52                      |         |                 |                |                |                     |                                                                                                                                |
|         | eL                 | 23,5                       |         |                 |                |                |                     |                                                                                                                                |
|         | M                  | 29,0                       | 21; 21  | 25              | (65)           |                |                     |                                                                                                                                |

Skalnaté Pleso

| Date    | Phase               | Heure<br>h m s<br>T. M. G. | Période | Amplitude $\mu$ |                |                | $\Delta$<br>km | Remarques                                                                                                  |
|---------|---------------------|----------------------------|---------|-----------------|----------------|----------------|----------------|------------------------------------------------------------------------------------------------------------|
|         |                     |                            |         | A <sub>N</sub>  | A <sub>E</sub> | A <sub>Z</sub> |                |                                                                                                            |
| 19. II. | M                   | 34,0                       | 19; 19  | 39              | (60)           |                | 17350<br>156°  | Ag. mi.<br>Iles Kermadec.<br>Magnitude:<br>6 <sup>3</sup> / <sub>4</sub> —7.<br>$\Delta_c = 156,5^\circ$ . |
|         | F                   | 02 15                      |         |                 |                |                |                |                                                                                                            |
|         | eP <sub>2</sub>     | 19 27 55                   |         |                 |                |                |                |                                                                                                            |
|         | e                   | 28 35                      |         |                 |                |                |                |                                                                                                            |
|         | e                   | 28 56                      |         |                 |                |                |                |                                                                                                            |
|         | e <sub>N</sub>      | 30 12                      |         |                 |                |                |                |                                                                                                            |
|         | ePP                 | 31 50                      |         |                 |                |                |                |                                                                                                            |
|         | e                   | 34 59                      |         |                 |                |                |                |                                                                                                            |
|         | e                   | 36 47                      |         |                 |                |                |                |                                                                                                            |
|         | e <sub>N</sub> SKKS | 38 39                      |         |                 |                |                |                |                                                                                                            |
|         | eSKSP               | 42 08                      |         |                 |                |                |                |                                                                                                            |
|         | e                   | 43 06                      |         |                 |                |                |                |                                                                                                            |
|         | ePPS                | 44 42                      |         |                 |                |                |                |                                                                                                            |
|         | eSSS                | 58,2                       |         |                 |                |                |                |                                                                                                            |
|         | M                   | 20 31,0                    | 4,5; 5  | 2               | 2              |                |                |                                                                                                            |
|         | M                   | 40,0                       | 4; 4,5  | 3               | 3              |                |                |                                                                                                            |
|         | F                   | 21 45                      |         |                 |                |                |                |                                                                                                            |
| 19. II. | eP                  | 21 48 04                   |         |                 |                |                |                | Ag. mi.<br>Nicaragua.<br>$\Delta_c = 92,8^\circ$ .                                                         |
|         | e                   | 22 00 49                   |         |                 |                |                |                |                                                                                                            |
|         | M                   | 23,0                       | 22; 22  | 0,5             | 0,5            |                |                |                                                                                                            |
|         | M                   | 25,0                       | 18; 20  | 0,5             | 0,5            |                |                |                                                                                                            |
|         | M                   | 28,3                       | 18      | 0,5             | 0,5            |                |                |                                                                                                            |
| 20. II. | F                   | 23                         |         |                 |                |                | 11650<br>105°  | Mer de Florès.<br>h = 600 km.<br>Magnitude: 6 <sup>1</sup> / <sub>2</sub> .<br>$\Delta_c = 104,6^\circ$ .  |
|         | ePP                 | 18 52 51                   |         |                 |                |                |                |                                                                                                            |
|         | e                   | 54 32                      |         |                 |                |                |                |                                                                                                            |
|         | epPP                | 54 42                      |         |                 |                |                |                |                                                                                                            |
|         | e                   | 55 42                      |         |                 |                |                |                |                                                                                                            |
|         | esPP                | 55 55                      |         |                 |                |                |                |                                                                                                            |
|         | e                   | 56 40                      |         |                 |                |                |                |                                                                                                            |
|         | eSKS                | 58 08                      | 4; 4    | 10              | 11,9           |                |                |                                                                                                            |
|         | e                   | 58 48                      |         |                 |                |                |                |                                                                                                            |
|         | e                   | 59 22                      |         |                 |                |                |                |                                                                                                            |
|         | e <sub>E</sub> pSKS | 19 01 08                   |         |                 |                |                |                |                                                                                                            |
|         | e <sub>E</sub>      | 01 26                      |         |                 |                |                |                |                                                                                                            |
|         | e                   | 01 40                      |         |                 |                |                |                |                                                                                                            |
|         | esSKS               | 02 02                      |         |                 |                |                |                |                                                                                                            |
|         | e                   | 03 26                      |         |                 |                |                | 20             | 11                                                                                                         |
|         | e                   | 04 57                      |         |                 |                |                |                |                                                                                                            |
|         | eSS                 | 06,6                       |         |                 |                |                |                |                                                                                                            |
|         | M                   | 36,3                       |         |                 |                |                |                |                                                                                                            |
|         |                     |                            |         |                 |                |                |                |                                                                                                            |

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Skalnaté Pleso

| Date    | Phase          | Heure<br>h m s<br>T. M. G. | Période | Amplitude $\mu$ |                |                | $\Delta$<br>km      | Remarques                                                                                     |
|---------|----------------|----------------------------|---------|-----------------|----------------|----------------|---------------------|-----------------------------------------------------------------------------------------------|
|         |                |                            |         | A <sub>N</sub>  | A <sub>E</sub> | A <sub>Z</sub> |                     |                                                                                               |
| 22. II. | M              | 40,0                       | 17; 17  | 8               | 12             |                | 12600 ca<br>113° ca | Iles Sandwich.<br>Magnitude:<br>$6\frac{1}{2} - 6\frac{3}{4}$ .<br>$\Delta_c = 113,2^\circ$ . |
|         | F              | 20 15                      |         |                 |                |                |                     |                                                                                               |
|         | ePP            | 12 22 48                   |         |                 |                |                |                     |                                                                                               |
|         | e(SKS)         | 28 28                      |         |                 |                |                |                     |                                                                                               |
|         | e <sub>N</sub> | 29 42                      |         |                 |                |                |                     |                                                                                               |
|         | ePS            | 32 21                      |         |                 |                |                |                     |                                                                                               |
|         | e              | 32 56                      |         |                 |                |                |                     |                                                                                               |
|         | eSS            | 38,6                       |         |                 |                |                |                     |                                                                                               |
|         | eSSS           | 41,6                       |         |                 |                |                |                     |                                                                                               |
|         | M              | 13 07,0                    |         |                 |                |                |                     |                                                                                               |
| 23. II. | F              | 15                         | 19      | 11              |                |                | 6300<br>57°         | Changement des<br>feuilles.<br>Tibet.<br>Magnitude: 6.<br>$\Delta_c = 57,2^\circ$ .           |
|         | eP             | 06 50 33                   |         |                 |                |                |                     |                                                                                               |
|         | e <sub>N</sub> | 51 56                      |         |                 |                |                |                     |                                                                                               |
|         | e(PPP)         | 53 42                      |         |                 |                |                |                     |                                                                                               |
|         | eS             | 58 25                      |         |                 |                |                |                     |                                                                                               |
|         | e              | 59 00                      |         |                 |                |                |                     |                                                                                               |
|         | e              | 07 00 30                   |         |                 |                |                |                     |                                                                                               |
|         | M              | 16,3                       |         |                 |                |                |                     |                                                                                               |
|         | F              | 07 30                      |         |                 |                |                |                     |                                                                                               |
|         |                |                            |         |                 |                |                |                     |                                                                                               |
| 28. II. | e              | 01 08 47                   | 17; 17  | 15              | 29             |                |                     | Ag. mi.<br>Faible.<br>Riou-Kiou.<br>$\Delta_c = 82,2^\circ$ .                                 |
|         | eS             | 18 08                      |         |                 |                |                |                     |                                                                                               |
|         | M              | 42,0                       |         |                 |                |                |                     |                                                                                               |
|         | M              | 48,0                       |         |                 |                |                |                     |                                                                                               |
|         | F              | 02 00,0                    |         |                 |                |                |                     |                                                                                               |
|         |                |                            |         |                 |                |                |                     |                                                                                               |

Mars 1954

| Date    | Phase | Heure<br>h m s<br>T. M. G. | Période | Amplitude $\mu$ |                |                | $\Delta$<br>km      | Remarques                                                                                                     |
|---------|-------|----------------------------|---------|-----------------|----------------|----------------|---------------------|---------------------------------------------------------------------------------------------------------------|
|         |       |                            |         | A <sub>N</sub>  | A <sub>E</sub> | A <sub>Z</sub> |                     |                                                                                                               |
| 3. III. | eiPP  | 06 22 52                   |         |                 |                |                | 12800 ca<br>115° ca | C <sup>te</sup> N n'a pas<br>fonctionné.<br>Nouvelle Guinée.<br>Magnitude: 6,8.<br>$\Delta_c = 114,8^\circ$ . |
|         | e     | 23 49                      |         |                 |                |                |                     |                                                                                                               |
|         | ePKS  | 25 15                      |         |                 |                |                |                     |                                                                                                               |
|         | e     | 27 42                      |         |                 |                |                |                     |                                                                                                               |
|         | eSKS  | 28 20                      |         |                 |                |                |                     |                                                                                                               |
|         | e     | 29 50                      |         |                 |                |                |                     |                                                                                                               |
|         | e     | 31 25                      |         |                 |                |                |                     |                                                                                                               |
|         | e(PS) | 32 25                      |         |                 |                |                |                     |                                                                                                               |
|         | e     | 32 38                      |         |                 |                |                |                     |                                                                                                               |
|         |       |                            |         |                 |                |                |                     |                                                                                                               |

Skalnaté Pleso

| Date     | Phase               | Heure<br>h m s<br>T. M. G. | Période      | Amplitude $\mu$ |                |                | $\Delta$<br>km | Remarques                                                                                                                        |
|----------|---------------------|----------------------------|--------------|-----------------|----------------|----------------|----------------|----------------------------------------------------------------------------------------------------------------------------------|
|          |                     |                            |              | A <sub>N</sub>  | A <sub>E</sub> | A <sub>Z</sub> |                |                                                                                                                                  |
| 8. III.  | e                   | 36 25                      | 21<br>18     |                 | 15<br>18       |                |                | C <sup>te</sup> N n'a pas<br>fonctionné.<br>Iles Ioniennes.<br>$\Delta_c = 11,1^\circ$ .                                         |
|          | eSS                 | 38 33                      |              |                 |                |                |                |                                                                                                                                  |
|          | e                   | 41,6                       |              |                 |                |                |                |                                                                                                                                  |
|          | eL                  | 56                         |              |                 |                |                |                |                                                                                                                                  |
|          | M                   | 07 05,6                    |              |                 |                |                |                |                                                                                                                                  |
|          | M                   | 15,5                       |              |                 |                |                |                |                                                                                                                                  |
|          | F                   | 45                         |              |                 |                |                |                |                                                                                                                                  |
|          |                     |                            |              |                 |                |                |                |                                                                                                                                  |
|          |                     |                            |              |                 |                |                |                |                                                                                                                                  |
|          |                     |                            |              |                 |                |                |                |                                                                                                                                  |
| 9. III.  | e                   | 08 21 14                   | 14<br>10     |                 | 9<br>5         |                | 7200<br>65°    | C <sup>te</sup> N n'a pas<br>fonctionné.<br>Océan Atlantique.<br>Magnitude:<br>$6 - 6\frac{1}{4}$ .<br>$\Delta_c = 64,9^\circ$ . |
|          | e                   | 23 12                      |              |                 |                |                |                |                                                                                                                                  |
|          | M                   | 24,5                       |              |                 |                |                |                |                                                                                                                                  |
|          | M                   | 25,5                       |              |                 |                |                |                |                                                                                                                                  |
|          | F                   | 40                         |              |                 |                |                |                |                                                                                                                                  |
|          |                     |                            |              |                 |                |                |                |                                                                                                                                  |
|          | eiP                 | 02 32 31                   |              |                 |                |                |                |                                                                                                                                  |
|          | e                   | 33 30                      |              |                 |                |                |                |                                                                                                                                  |
|          | ePP                 | 34 34                      |              |                 |                |                |                |                                                                                                                                  |
|          | e                   | 36 40                      |              |                 |                |                |                |                                                                                                                                  |
| 9. III.  | eS                  | 41 08                      | 17<br>13     |                 | 8<br>3         |                |                | C <sup>te</sup> N n'a pas<br>fonctionné.<br>Kamtchatka.<br>$\Delta_c = 74,0^\circ$ .                                             |
|          | eSS                 | 45 08                      |              |                 |                |                |                |                                                                                                                                  |
|          | M                   | 56,5                       |              |                 |                |                |                |                                                                                                                                  |
|          | M                   | 58,5                       |              |                 |                |                |                |                                                                                                                                  |
|          | F                   | 03 30                      |              |                 |                |                |                |                                                                                                                                  |
|          |                     |                            |              |                 |                |                |                |                                                                                                                                  |
|          | e                   | 05 51 28                   |              |                 |                |                |                |                                                                                                                                  |
|          | e                   | 52 10                      |              |                 |                |                |                |                                                                                                                                  |
|          | M                   | 06 22,5                    |              |                 |                |                |                |                                                                                                                                  |
|          | M                   | 27,3                       |              |                 |                |                |                |                                                                                                                                  |
| 19. III. | F                   | 45                         | 21; 21<br>18 |                 | 10<br>7        |                |                | Faible.<br>Californie.<br>$\Delta_c = 89,4^\circ$ .                                                                              |
|          | eL                  | 10 38                      |              |                 |                |                |                |                                                                                                                                  |
|          | M                   | 43,5                       |              |                 |                |                |                |                                                                                                                                  |
|          | M                   | 45,5                       |              |                 |                |                |                |                                                                                                                                  |
|          | F                   | 11 15                      |              |                 |                |                |                |                                                                                                                                  |
|          |                     |                            |              |                 |                |                |                |                                                                                                                                  |
|          |                     |                            |              |                 |                |                |                |                                                                                                                                  |
|          |                     |                            |              |                 |                |                |                |                                                                                                                                  |
|          |                     |                            |              |                 |                |                |                |                                                                                                                                  |
|          |                     |                            |              |                 |                |                |                |                                                                                                                                  |
| 21. III. | i <sub>E</sub>      | 23 52 26                   | 4<br>4       | 3,8             | -16            |                | 7000<br>63°    | h = 180 km.<br>Birmanie.<br>PH: 4s; 20 $\mu$ ,<br>SH: 8s; 31 $\mu$ .<br>$\Delta_c = 62,1^\circ$ .                                |
|          | i <sub>N</sub>      | 52 28                      |              |                 |                |                |                |                                                                                                                                  |
|          | e <sub>N</sub>      | 52 47                      |              |                 |                |                |                |                                                                                                                                  |
|          | epP                 | 53 10                      |              |                 |                |                |                |                                                                                                                                  |
|          | esP                 | 53 28                      |              |                 |                |                |                |                                                                                                                                  |
|          | e                   | 53 45                      |              |                 |                |                |                |                                                                                                                                  |
|          | ePP                 | 54 55                      |              |                 |                |                |                |                                                                                                                                  |
|          | epPP                | 55 27                      |              |                 |                |                |                |                                                                                                                                  |
|          | ei <sub>N</sub> sPP | 55 47                      |              |                 |                |                |                |                                                                                                                                  |
|          |                     |                            |              |                 |                |                |                |                                                                                                                                  |

Skalnaté Pleso

| Date     | Phase             | Heure<br>h m s<br>T. M. G. | Période | Amplitude $\mu$ |                |                | $\Delta$<br>km | Remarques                                                                                                                                     |
|----------|-------------------|----------------------------|---------|-----------------|----------------|----------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
|          |                   |                            |         | A <sub>N</sub>  | A <sub>E</sub> | A <sub>Z</sub> |                |                                                                                                                                               |
| 28. III. | e <sub>N</sub>    | 56 09                      |         |                 |                |                |                |                                                                                                                                               |
|          | eiS               | 00 00 39                   | 8       | 18              | 15             |                |                |                                                                                                                                               |
|          | e                 | 01 02                      |         |                 |                |                |                |                                                                                                                                               |
|          | e                 | 01 21                      |         |                 |                |                |                |                                                                                                                                               |
|          | eiS               | 01 48                      | 7; 7    | 30              | 28             |                |                |                                                                                                                                               |
|          | e <sub>E</sub>    | 02 10                      |         |                 |                |                |                |                                                                                                                                               |
|          | e <sub>E</sub> SS | 04 58                      |         |                 |                |                |                |                                                                                                                                               |
|          | eSSS              | 07 53                      |         |                 |                |                |                |                                                                                                                                               |
|          | M                 | 18,2                       | 22      | 120             |                |                |                |                                                                                                                                               |
|          | M                 | 21,7                       | 14      | 23              |                |                |                |                                                                                                                                               |
|          | M                 | 23,4                       | 14      |                 | 32             |                |                |                                                                                                                                               |
|          | F                 | 01 15                      |         |                 |                |                |                |                                                                                                                                               |
|          | eiP               | 20 48 37                   |         |                 |                |                | 8500 ca        | Temps relatif.<br>Aléoutiennes.<br>Magnitude:<br>6 <sup>1</sup> / <sub>4</sub> - 6 <sup>1</sup> / <sub>2</sub> .<br>$\Delta_c = 75,0^\circ$ . |
| 29. III. | e                 | 48 44                      |         |                 |                |                | 77° ca         |                                                                                                                                               |
|          | e                 | 49 12                      |         |                 |                |                |                |                                                                                                                                               |
|          | e                 | 50 42                      |         |                 |                |                |                |                                                                                                                                               |
|          | e                 | 52 06                      |         |                 |                |                |                |                                                                                                                                               |
|          | e                 | 54 39                      |         |                 |                |                |                |                                                                                                                                               |
|          | e                 | 58 35                      |         |                 |                |                |                |                                                                                                                                               |
|          | ePS               | 59 00                      |         |                 |                |                |                |                                                                                                                                               |
|          | eSS               | 21 03 30                   |         |                 |                |                |                |                                                                                                                                               |
|          | eSSS              | 07,0                       |         |                 |                |                |                |                                                                                                                                               |
|          | M                 | 23                         | 18      | 6               | 14             |                |                |                                                                                                                                               |
|          | M                 | 26,5                       | 18      | 13              |                |                |                |                                                                                                                                               |
|          | F                 | 22 15                      |         |                 |                |                |                |                                                                                                                                               |
| 29. III. | eiP               | 04 13 43                   |         |                 |                |                | 9100           | Philippines.<br>Magnitude: 6.<br>$\Delta_c = 82,1^\circ$ .                                                                                    |
|          | e                 | 13 55                      |         |                 |                |                | 82°            |                                                                                                                                               |
|          | e                 | 17 40                      |         |                 |                |                |                |                                                                                                                                               |
|          | eS                | 23 52                      |         |                 |                |                |                |                                                                                                                                               |
|          | ePS               | 24 37                      |         |                 |                |                |                |                                                                                                                                               |
|          | e                 | 27 57                      |         |                 |                |                |                |                                                                                                                                               |
|          | M                 | 51,0                       | 14      | 2               |                |                |                |                                                                                                                                               |
|          | M                 | 54                         | 16      | 3               | 5              |                |                |                                                                                                                                               |
|          | F                 | 05 20                      |         |                 |                |                |                |                                                                                                                                               |
|          | iP                | 06 21 16                   | 3,5     | -3              | -6,6           |                |                |                                                                                                                                               |
|          | i                 | 21 25                      |         |                 |                |                |                |                                                                                                                                               |
|          | e <sub>N</sub>    | 22 10                      |         |                 |                |                |                |                                                                                                                                               |
|          | i <sub>E</sub>    | 22 17                      |         |                 |                |                |                |                                                                                                                                               |
|          | e                 | 22 50                      |         |                 |                |                |                |                                                                                                                                               |
| 29. III. | ei                | 23 00                      |         |                 |                |                |                | Espagne.<br>Profond.<br>PH : 3,5s; 10,7 $\mu$ .<br>$\Delta_c = 20,8^\circ$ .                                                                  |
|          | e <sub>N</sub>    | 23 48                      |         |                 |                |                |                |                                                                                                                                               |

Skalnaté Pleso

| Date     | Phase               | Heure<br>h m s<br>T. M. G. | Période | Amplitude $\mu$ |                |                | $\Delta$<br>km | Remarques                                                     |
|----------|---------------------|----------------------------|---------|-----------------|----------------|----------------|----------------|---------------------------------------------------------------|
|          |                     |                            |         | A <sub>N</sub>  | A <sub>E</sub> | A <sub>Z</sub> |                |                                                               |
| 30. III. | i <sub>E</sub>      | 24 00                      | 7       |                 | 32             |                |                |                                                               |
|          | i <sub>N</sub>      | 24 02                      | 7       | 15              |                |                |                |                                                               |
|          | i <sub>E</sub>      | 24 12                      | 7       |                 | 38             |                |                |                                                               |
|          | ei <sub>E</sub>     | 24 41                      | 8; 7    | 25              | 46             |                |                |                                                               |
|          | M                   | 28,5                       | 8       | 34              | 44             |                |                |                                                               |
|          | M                   | 31,5                       | 7       | 33              | 32             |                |                |                                                               |
|          | F                   | 08 30                      |         |                 |                |                |                |                                                               |
|          | e                   | 04 37 06                   |         |                 |                |                |                | Grèce.<br>$\Delta_c = 12,7^\circ$ .                           |
|          | M                   | 39,2                       | 10      |                 | 1              |                |                |                                                               |
|          | M                   | 40,1                       | 10      | 1               |                |                |                |                                                               |
|          | F                   | 50                         |         |                 |                |                |                |                                                               |
| 31. III. | eiP                 | 18 34 33                   |         |                 |                |                | 5350           | Mer Arabique.<br>Magnitude: 6,8.<br>$\Delta_c = 48,1^\circ$ . |
|          | i                   | 34 37,5                    | 6; 6    | 4               | 6,4            |                | 48°            |                                                               |
|          | ei <sub>E</sub>     | 35 13                      |         |                 |                |                |                |                                                               |
|          | e <sub>N</sub>      | 35 29                      |         |                 |                |                |                |                                                               |
|          | eiPP                | 36 24                      | 6       | 22              | 33             |                |                |                                                               |
|          | ei <sub>N</sub> PPP | 37 06                      | 5       | 9,2             |                |                |                |                                                               |
|          | e <sub>N</sub>      | 38 02                      |         |                 |                |                |                |                                                               |
|          | e <sub>N</sub> } S  | 41 27                      |         |                 |                |                |                |                                                               |
|          | ei <sub>E</sub> }   | 41 29                      | 8       | 6               | 26             |                |                |                                                               |
|          | e                   | 41 49                      |         |                 |                |                |                |                                                               |
|          | eS <sub>c</sub> S   | 44 23                      |         |                 |                |                |                |                                                               |
|          | eSS                 | 45,3                       |         |                 |                |                |                |                                                               |
|          | eL                  | 49,7                       |         |                 |                |                |                |                                                               |
| 31. III. | M                   | 58,5                       | 17; 17  | 42              | 87             |                |                |                                                               |
|          | M                   | 19 01,2                    | 12; 12  | 18              | 46             |                |                |                                                               |
|          | F                   | 20 30                      |         |                 |                |                |                |                                                               |

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| Date   | Phase          | Heure<br>h m s<br>T. M. G. | Période | Amplitude $\mu$ |                |                | $\Delta$<br>km | Remarques                                                                                 |
|--------|----------------|----------------------------|---------|-----------------|----------------|----------------|----------------|-------------------------------------------------------------------------------------------|
|        |                |                            |         | A <sub>N</sub>  | A <sub>E</sub> | A <sub>Z</sub> |                |                                                                                           |
| 1. IV. | e              | 18 31 14                   |         |                 |                |                | 8600           | Iles Kouriles.<br>Magnitude: 6 <sup>1</sup> / <sub>4</sub> .<br>$\Delta_c = 76,8^\circ$ . |
|        | e              | 31 24                      |         |                 |                |                | 77°            |                                                                                           |
|        | e <sub>N</sub> | 33 06                      |         |                 |                |                |                |                                                                                           |
|        | ePP            | 33 38                      |         |                 |                |                |                |                                                                                           |
|        | eS             | 40 22                      |         |                 |                |                |                |                                                                                           |
|        | M              | 19 11,2                    | 15      | 8               |                |                |                |                                                                                           |
|        | F              | 30                         |         |                 |                |                |                |                                                                                           |
|        |                |                            |         |                 |                |                |                |                                                                                           |

Skalnaté Pleso

| Date    | Phase                           | Heure<br>h m s<br>T. M. G. | Période | Amplitude $\mu$ |                |                | $\Delta$<br>km | Remarques                                                                                 |
|---------|---------------------------------|----------------------------|---------|-----------------|----------------|----------------|----------------|-------------------------------------------------------------------------------------------|
|         |                                 |                            |         | A <sub>N</sub>  | A <sub>E</sub> | A <sub>Z</sub> |                |                                                                                           |
| 11. IV. | eiP                             | 10 34 06                   | .       |                 |                |                | 5350<br>48°    | Mer Arabique.<br>Magnitude:<br>$5\frac{1}{2}-5\frac{3}{4}$ .<br>$\Delta_c = 48,7^\circ$ . |
|         | e                               | 34 17                      |         |                 |                |                |                |                                                                                           |
|         | e                               | 34 32                      |         |                 |                |                |                |                                                                                           |
|         | eiPP                            | 35 56                      |         |                 |                |                |                |                                                                                           |
|         | ei <sub>N</sub>                 | 36 43                      |         |                 |                |                |                |                                                                                           |
|         | e <sub>E</sub>                  | 36 53                      |         |                 |                |                |                |                                                                                           |
|         | e <sub>N</sub>                  | 38 32                      |         |                 |                |                |                |                                                                                           |
|         | e                               | 39 23                      |         |                 |                |                |                |                                                                                           |
|         | ei <sub>N</sub> S               | 41 01                      |         |                 |                |                |                |                                                                                           |
|         | e                               | 42 26                      |         |                 |                |                |                |                                                                                           |
|         | eSS                             | 44 49                      |         |                 |                |                |                |                                                                                           |
|         | M                               | 56,5                       |         |                 |                |                |                |                                                                                           |
| 11. IV. | F                               | dans le<br>suivant         | 13      | 2               | 3              |                |                |                                                                                           |
|         | eiP                             | 11 00 27                   | 4       |                 | —4             |                | 4200<br>38°    | Disturbé par le<br>précédent.<br>Hindou-Kouch.<br>$\Delta_c = 38,0^\circ$ .               |
|         | e                               | 01 26                      |         |                 |                |                |                |                                                                                           |
|         | ePP                             | 02 10                      |         |                 |                |                |                |                                                                                           |
|         | ePPP                            | 02 26                      |         |                 |                |                |                |                                                                                           |
|         | e                               | 03 13                      |         |                 |                |                |                |                                                                                           |
|         | e <sub>N</sub> P <sub>c</sub> S | 06 38                      |         |                 |                |                |                |                                                                                           |
|         | e <sub>N</sub> SS               | 08 49                      |         |                 |                |                |                |                                                                                           |
|         | e                               | 09 04                      |         |                 |                |                |                |                                                                                           |
|         | e                               | 09 41                      |         |                 |                |                |                |                                                                                           |
| 17. IV. | e <sub>N</sub>                  | 20 22 40                   |         |                 |                |                | 8700<br>78°    | Aléoutiennes.<br>Magnitude: $6\frac{1}{2}$ .<br>$\Delta_c = 78,2^\circ$ .                 |
|         | e <sub>E</sub>                  | 22 44                      |         |                 |                |                |                |                                                                                           |
|         | e                               | 23 03                      |         |                 |                |                |                |                                                                                           |
|         | e                               | 24 44                      |         |                 |                |                |                |                                                                                           |
|         | e <sub>N</sub> PP               | 25 38                      |         |                 |                |                |                |                                                                                           |
|         | e(S)                            | 32 35                      |         |                 |                |                |                |                                                                                           |
|         | eS <sub>c</sub> S               | 32 50                      |         |                 |                |                |                |                                                                                           |
|         | e <sub>E</sub> PPS              | 33 28                      |         |                 |                |                |                |                                                                                           |
|         | eSS                             | 37,9                       |         |                 |                |                |                |                                                                                           |
|         | e                               | 39 47                      |         |                 |                |                |                |                                                                                           |
|         | eL                              | 45                         |         |                 |                |                |                |                                                                                           |
|         | M                               | 58,2                       |         |                 |                |                |                |                                                                                           |
|         | M                               | 59                         |         |                 |                |                |                |                                                                                           |
|         | F                               | dans le<br>suivant         |         |                 |                |                |                |                                                                                           |
| 17. IV. | ei <sub>N</sub> P               | 20 55 31                   |         |                 |                |                |                |                                                                                           |
|         | e                               | 55 55                      |         |                 |                |                |                |                                                                                           |
|         | e <sub>N</sub> (S)              | 57 25                      |         |                 |                |                |                |                                                                                           |

Skalnaté Pleso

| Date    | Phase              | Heure<br>h m s<br>T. M. G. | Période | Amplitude $\mu$ |                |                | $\Delta$<br>km | Remarques                                                                                 |
|---------|--------------------|----------------------------|---------|-----------------|----------------|----------------|----------------|-------------------------------------------------------------------------------------------|
|         |                    |                            |         | A <sub>N</sub>  | A <sub>E</sub> | A <sub>Z</sub> |                |                                                                                           |
| 25. IV. | e                  | 58 31                      | 8       | 3               |                |                |                | Grèce.<br>$\Delta_c = 11,3^\circ$ .                                                       |
|         | e                  | 59 21                      |         |                 |                |                |                |                                                                                           |
|         | M                  | 21 00,9                    |         |                 |                |                |                |                                                                                           |
|         | e                  | 00 40 08                   |         |                 |                |                |                |                                                                                           |
|         | e                  | 41 29                      |         |                 |                |                |                |                                                                                           |
|         | e                  | 46 09                      |         |                 |                |                |                |                                                                                           |
| 26. IV. | eL                 | 01 02                      | 16; 16  | 9               | 10             |                |                | Océan Atlantique.<br>$\Delta_c = 59,4^\circ$ .                                            |
|         | M                  | 04,6                       |         |                 |                |                |                |                                                                                           |
|         | F                  | 20                         |         |                 |                |                |                |                                                                                           |
|         | eiP                | 20 36 17                   |         |                 |                |                |                |                                                                                           |
|         | e                  | 37 15                      |         |                 |                |                |                |                                                                                           |
|         | ePP                | 39,1                       |         |                 |                |                |                |                                                                                           |
| 29. IV. | e                  | 42 07                      | 24      | 14              | 15             |                |                | Kamtchatka.<br>Magnitude: $6\frac{1}{4}$ .<br>$\Delta_c = 73,2^\circ$ .                   |
|         | e <sub>E</sub> S   | 45 38                      |         |                 |                |                |                |                                                                                           |
|         | e <sub>N</sub> PS  | 46 17                      |         |                 |                |                |                |                                                                                           |
|         | ePPS               | 46 38                      |         |                 |                |                |                |                                                                                           |
|         | eL                 | 21 03                      |         |                 |                |                |                |                                                                                           |
|         | M                  | 07                         |         |                 |                |                |                |                                                                                           |
|         | M                  | 11                         |         |                 |                |                |                |                                                                                           |
|         | M                  | 12,7                       |         |                 |                |                |                |                                                                                           |
|         | F                  | 40                         |         |                 |                |                |                |                                                                                           |
|         | e                  | 11 03 12                   |         |                 |                |                |                |                                                                                           |
| 29. IV. | eS                 | 13 28                      | 30      | 34              | 38             |                |                | Californie.<br>Temps relatif.<br>$\Delta_c = 91,1^\circ$ .                                |
|         | e <sub>N</sub>     | 13 43                      |         |                 |                |                |                |                                                                                           |
|         | e                  | 14 04                      |         |                 |                |                |                |                                                                                           |
|         | e(SS)              | 19 01                      |         |                 |                |                |                |                                                                                           |
|         | eL                 | 28,0                       |         |                 |                |                |                |                                                                                           |
|         | M                  | 37                         |         |                 |                |                |                |                                                                                           |
|         | M                  | 40                         |         |                 |                |                |                |                                                                                           |
|         | M                  | 42,9                       |         |                 |                |                |                |                                                                                           |
|         | F                  | dans le<br>suivant         |         |                 |                |                |                |                                                                                           |
|         | (e) <sub>N</sub>   | 11 47 57                   |         |                 |                |                |                |                                                                                           |
| 29. IV. | e <sub>N</sub>     | 48 05                      | 12      | 12              | 18             |                |                | Disturbé par le<br>précédent.<br>Réplique.<br>Temps relatif.<br>$\Delta_c = 91,1^\circ$ . |
|         | e <sub>E</sub> SKS | 58 16                      |         |                 |                |                |                |                                                                                           |
|         | e <sub>N</sub>     | 58 47                      |         |                 |                |                |                |                                                                                           |
|         | e                  | 12 00,0                    |         |                 |                |                |                |                                                                                           |
|         | eL                 | 13,8                       |         |                 |                |                |                |                                                                                           |

Skalnaté Pleso

| Date    | Phase            | Heure<br>h m s<br>T. M. G. | Période | Amplitude $\mu$ |                |                | $\Delta$<br>km | Remarques                                            |
|---------|------------------|----------------------------|---------|-----------------|----------------|----------------|----------------|------------------------------------------------------|
|         |                  |                            |         | A <sub>N</sub>  | A <sub>E</sub> | A <sub>Z</sub> |                |                                                      |
| 30. IV. | M                | 24                         | 21; 18  | 96              | 72             |                | 1100<br>9°     | Temps relatif.<br>Grèce.<br>$\Delta_c = 9,9^\circ$ . |
|         | M                | 30,4                       | 14; 16  | 38              | 36             |                |                |                                                      |
|         | F                | 13 30                      |         |                 |                |                |                |                                                      |
|         | i <sub>N</sub> P | 13 05 02                   |         |                 |                |                |                |                                                      |
|         | i                | 05 11                      | 6; 6    | +4              | 18             |                |                |                                                      |
|         | i <sub>E</sub>   | 05 31                      |         |                 |                |                |                |                                                      |
|         | ei <sub>E</sub>  | 06 13                      |         |                 |                |                |                |                                                      |
|         | e                | 06 32                      |         |                 |                |                |                |                                                      |
|         | eS               | 06 40                      |         |                 |                |                |                |                                                      |
|         | M                | 08,7                       | 13      |                 | 320            |                |                |                                                      |
|         | M                | 09,5                       | 10      | 310             |                |                |                |                                                      |
|         | M                | 10,7                       |         |                 |                |                |                |                                                      |

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| Date  | Phase            | Heure<br>h m s<br>T. M. G. | Période | Amplitude $\mu$ |                |                | $\Delta$<br>km | Remarques                                        |
|-------|------------------|----------------------------|---------|-----------------|----------------|----------------|----------------|--------------------------------------------------|
|       |                  |                            |         | A <sub>N</sub>  | A <sub>E</sub> | A <sub>Z</sub> |                |                                                  |
| 1. V. | e <sub>E</sub>   | 15 29 45                   |         |                 |                |                |                | Mer Egée.<br>$\Delta_c = 12,3^\circ$ .           |
|       | e <sub>E</sub>   | 30 35                      |         |                 |                |                |                |                                                  |
|       | M                | 33                         | 11; 12  | 1               | 4              |                |                |                                                  |
|       | F                | 40                         |         |                 |                |                |                |                                                  |
| 1. V. | e <sub>N</sub> P | 20 56 30                   |         |                 |                |                | 1320<br>11,9°  | Mer Egée.<br>$\Delta_c = 12,3^\circ$ .           |
|       | e <sub>N</sub>   | 57 34                      |         |                 |                |                |                |                                                  |
|       | eS               | 58 42                      |         |                 |                |                |                |                                                  |
|       | e                | 59 25                      |         |                 |                |                |                |                                                  |
|       | M                | 21 01,5                    | 12      |                 | 6              |                |                |                                                  |
|       | M                | 03,5                       | 11      | 2               |                |                |                |                                                  |
|       | F                | 15                         |         |                 |                |                |                |                                                  |
| 3. V. | e <sub>N</sub> P | 05 28 02                   |         |                 |                |                | 1420<br>12,8°  | Grèce.<br>$\Delta_c = 13,1^\circ$ .              |
|       | e                | 28 39                      |         |                 |                |                |                |                                                  |
|       | e <sub>N</sub> S | 30 22                      |         |                 |                |                |                |                                                  |
|       | e                | 30 46                      |         |                 |                |                |                |                                                  |
|       | M                | 33,6                       | 9       |                 | 1              |                |                |                                                  |
|       | M                | 34,3                       | 13      | 5               |                |                |                |                                                  |
| 3. V. | F                | 45                         |         |                 |                |                | 1420<br>12,8°  | Réplique.<br>Grèce.<br>$\Delta_c = 13,1^\circ$ . |
|       | e <sub>N</sub> P | 08 54 17                   |         |                 |                |                |                |                                                  |
|       | e                | 54 26                      |         |                 |                |                |                |                                                  |
|       | e                | 54 46                      |         |                 |                |                |                |                                                  |

Skalnaté Pleso

| Date  | Phase             | Heure<br>h m s<br>T. M. G. | Période | Amplitude $\mu$ |                |                | $\Delta$<br>km | Remarques                                                 |
|-------|-------------------|----------------------------|---------|-----------------|----------------|----------------|----------------|-----------------------------------------------------------|
|       |                   |                            |         | A <sub>N</sub>  | A <sub>E</sub> | A <sub>Z</sub> |                |                                                           |
| 3. V. | e                 | 55 30                      |         |                 |                |                | 1560<br>14°    | Forte ag.<br>Dodécanèse.<br>$\Delta_c = 14,7^\circ$ .     |
|       | e                 | 56 27                      |         |                 |                |                |                |                                                           |
|       | eS                | 56 35                      |         |                 |                |                |                |                                                           |
|       | e                 | 56 52                      |         |                 |                |                |                |                                                           |
|       | M                 | 09 00,6                    | 12      |                 | 10             |                |                |                                                           |
|       | F                 | 10                         |         |                 |                |                |                |                                                           |
|       | eP                | 13 32 59                   |         |                 |                |                |                |                                                           |
|       | e                 | 35 35                      |         |                 |                |                |                |                                                           |
|       | e <sub>E</sub> S  | 35 34                      |         |                 |                |                |                |                                                           |
|       | e                 | 35 50                      |         |                 |                |                |                |                                                           |
|       | M                 | 39,6                       | 9       |                 | 1              |                |                |                                                           |
| 3. V. | F                 | 50                         |         |                 |                |                | 8300<br>74°    | Temps relatif.<br>Kamchatka.<br>$\Delta_c = 74,0^\circ$ . |
|       | eiP               | 15 41 20                   | 3       | 1,5             | 1,3            |                |                |                                                           |
|       | e                 | 41 41                      |         |                 |                |                |                |                                                           |
|       | eS                | 50 56                      |         |                 |                |                |                |                                                           |
|       | M                 | 16 13,3                    | 19      |                 | 24             |                |                |                                                           |
|       | M                 | 18                         | 17; 16  | 11              | 16             |                |                |                                                           |
| 4. V. | F                 | 17 15                      |         |                 |                |                | 1050<br>9,5°   | Grèce.<br>$\Delta_c = 9,8^\circ$ .                        |
|       | ei <sub>N</sub> P | 16 45 48                   |         |                 |                |                |                |                                                           |
|       | e                 | 46 42                      |         |                 |                |                |                |                                                           |
|       | e                 | 47 24                      |         |                 |                |                |                |                                                           |
|       | eS                | 47 34                      |         |                 |                |                |                |                                                           |
|       | e                 | 48 02                      |         |                 |                |                |                |                                                           |
|       | M                 | 51,4                       | 8       | 10              | 10             |                |                |                                                           |
|       | M                 | 53,4                       | 8       | 8               |                |                |                |                                                           |
|       | F                 | 17 10                      |         |                 |                |                |                |                                                           |

Juillet 1954

| Date                | Phase | Heure<br>h m s<br>T. M. G. | Période | Amplitude $\mu$ |                |                | $\Delta$<br>km | Remarques                                                                         |
|---------------------|-------|----------------------------|---------|-----------------|----------------|----------------|----------------|-----------------------------------------------------------------------------------|
|                     |       |                            |         | A <sub>N</sub>  | A <sub>E</sub> | A <sub>Z</sub> |                |                                                                                   |
| 5. V. —<br>30. VII. |       | .....                      |         |                 |                |                |                | Les appareils hors<br>de fonctionnement.                                          |
| 31. VII.            | eP    | 01 10 05                   |         |                 |                |                | 6400<br>58°    | Chine.<br>Magnitude: 6 <sup>1</sup> / <sub>4</sub> .<br>$\Delta_c = 58,0^\circ$ . |
|                     | i     | 10 14                      |         |                 |                |                |                |                                                                                   |
|                     | ei    | 10 30                      |         |                 |                |                |                |                                                                                   |
|                     | ei    | 10 49                      |         |                 |                |                |                |                                                                                   |

Skalnaté Pleso

| Date | Phase               | Heure<br>h m s<br>T. M. G. | Période | Amplitude $\mu$ |       |       | $\Delta$<br>km | Remarques |
|------|---------------------|----------------------------|---------|-----------------|-------|-------|----------------|-----------|
|      |                     |                            |         | $A_N$           | $A_E$ | $A_Z$ |                |           |
|      | e <sub>E</sub>      | 11 13                      |         |                 |       |       |                |           |
|      | ei <sub>E</sub>     | 11 47                      |         |                 |       |       |                |           |
|      | ePP                 | 12 11                      |         |                 |       |       |                |           |
|      | ei <sub>N</sub> PPP | 12 31                      |         |                 |       |       |                |           |
|      | ei <sub>E</sub>     | 13 28                      |         |                 |       |       |                |           |
|      | ei <sub>N</sub>     | 13 34                      |         |                 |       |       |                |           |
|      | e                   | 14 30                      |         |                 |       |       |                |           |
|      | e <sub>E</sub>      | 18(01)                     |         |                 |       |       |                |           |
|      | ei <sub>E</sub> PPS | 18 26                      |         |                 |       |       |                |           |
|      | ei <sub>N</sub>     | 18 32                      |         |                 |       |       |                |           |
|      | ei <sub>N</sub>     | 19 05                      |         |                 |       |       |                |           |
|      | eSS                 | 22,2                       |         |                 |       |       |                |           |
|      | eSSS                | 24 41                      |         |                 |       |       |                |           |
|      | M                   | 32,4                       | 6       | 5               | 4     |       |                |           |
|      | M                   | 40                         | 13      |                 | 7     |       |                |           |
|      | M                   | 44,1                       | 13      | 9               | 6     |       |                |           |
|      | F                   | 02 45                      |         |                 |       |       |                |           |

Août 1954

| Date     | Phase              | Heure<br>h m s<br>T. M. G. | Période | Amplitude $\mu$ |       |       | $\Delta$<br>km | Remarques                |
|----------|--------------------|----------------------------|---------|-----------------|-------|-------|----------------|--------------------------|
|          |                    |                            |         | $A_N$           | $A_E$ | $A_Z$ |                |                          |
| 3. VIII. | eP <sub>n</sub>    | 18 20 36                   |         |                 |       |       | 1130           | Mer Egée.                |
|          | e                  | 21 06                      |         |                 |       |       | 10,2°          | $\Delta_c = 9,7^\circ$ . |
|          | e                  | 21 25                      |         |                 |       |       |                |                          |
|          | e                  | 22 06                      |         |                 |       |       |                |                          |
|          | e                  | 22 23                      |         |                 |       |       |                |                          |
|          | ei <sub>E</sub> Sn | 22 30                      |         |                 |       |       |                |                          |
|          | ei                 | 22 51                      |         |                 |       |       |                |                          |
|          | ei <sub>N</sub> S* | 23 12                      |         |                 |       |       |                |                          |
|          | ei                 | 23 20                      |         |                 |       |       |                |                          |
|          | ei <sub>S</sub>    | 23 28                      |         |                 |       |       |                |                          |
|          | M                  | 24,7                       | 12      |                 | 80    |       |                |                          |
|          | M                  | 25,5                       | 8; 8    | 19              | 19    |       |                |                          |
|          | F                  | 18 45                      |         |                 |       |       |                |                          |
| 5. VIII. | e                  | 03 54 00                   |         |                 |       |       |                | Faible.                  |
|          | e                  | 54 18                      |         |                 |       |       |                | Grèce.                   |
|          |                    |                            |         |                 |       |       |                | $\Delta_c = 9,7^\circ$ . |

Skalnaté Pleso

| Date      | Phase                           | Heure<br>h m s<br>T. M. G. | Période | Amplitude $\mu$ |       |       | $\Delta$<br>km | Remarques                                                       |
|-----------|---------------------------------|----------------------------|---------|-----------------|-------|-------|----------------|-----------------------------------------------------------------|
|           |                                 |                            |         | $A_N$           | $A_E$ | $A_Z$ |                |                                                                 |
|           | e <sub>E</sub>                  | 54 47                      |         |                 |       |       |                |                                                                 |
|           | M                               | 55,8                       | 12      | 2               |       |       |                |                                                                 |
|           | F                               | 04                         |         |                 |       |       |                |                                                                 |
| 5. VIII.  | e <sub>N</sub>                  | 04 15 34                   |         |                 |       |       | 1130           | Mer Egée.                                                       |
|           | e <sub>N</sub> Sn               | 17 13                      |         |                 |       |       | 10,2°          | $\Delta_c = 9,7^\circ$ .                                        |
|           | eS*                             | 17 50                      |         |                 |       |       |                |                                                                 |
|           | ei <sub>E</sub>                 | 18 16                      |         |                 |       |       |                |                                                                 |
|           | ei <sub>S</sub>                 | 18 27                      | 13      |                 | 6     |       |                |                                                                 |
|           | M                               | 19,5                       | 11      | 7               |       |       |                |                                                                 |
|           | F                               | 04 30                      |         |                 |       |       |                |                                                                 |
| 5. VIII.  | e                               | 04 42 37                   |         |                 |       |       |                | Réplique.                                                       |
|           | e <sub>S</sub>                  | 42 50                      |         |                 |       |       |                | $\Delta_c = 9,7^\circ$ .                                        |
|           | eL                              | 43 04                      |         |                 |       |       |                |                                                                 |
|           | M                               | 44,0                       | 10      |                 | 3     |       |                |                                                                 |
|           | M                               | 44,7                       | 10      | 2               |       |       |                |                                                                 |
|           | F                               | 50                         |         |                 |       |       |                |                                                                 |
| 9. VIII.  | e <sub>N</sub> P                | 19 28 19                   |         |                 |       |       | 8100           | Kamtchatka.                                                     |
|           | e <sub>N</sub> P <sub>o</sub> P | 28 31                      |         |                 |       |       | 73°            | Magnitude:                                                      |
|           | e                               | 29 00                      |         |                 |       |       |                | 6 <sup>1</sup> / <sub>2</sub> - 6 <sup>3</sup> / <sub>4</sub> . |
|           | e                               | 29 35                      |         |                 |       |       |                | $\Delta_c = 73,2^\circ$ .                                       |
|           | e                               | 30 37                      |         |                 |       |       |                |                                                                 |
|           | ePP                             | 31 10                      |         |                 |       |       |                |                                                                 |
|           | e                               | 35 37                      |         |                 |       |       |                |                                                                 |
|           | e <sub>E</sub>                  | 36 30                      |         |                 |       |       |                |                                                                 |
|           | ei <sub>S</sub>                 | 37 37                      | 5       | 1,5             |       |       |                |                                                                 |
|           | e <sub>N</sub>                  | 37 47                      |         |                 |       |       |                |                                                                 |
|           | ePS                             | 38 19                      |         |                 |       |       |                |                                                                 |
|           | eL                              | 52,5                       |         |                 |       |       |                |                                                                 |
|           | M                               | 59,3                       | 21      |                 | 15    |       |                |                                                                 |
|           | M                               | 20 03,5                    | 20; 18  | 26              | 10    |       |                |                                                                 |
|           | F                               | 30                         |         |                 |       |       |                |                                                                 |
| 18. VIII. | eiP' <sub>1</sub>               | 05 01 59                   |         |                 |       |       | 16700          | Iles Tonga.                                                     |
|           | eiP' <sub>2</sub>               | 02 20                      |         |                 |       |       | 150°           | h = 200 km ca.                                                  |
|           | ei                              | 02 35                      |         |                 |       |       |                | $\Delta_c = 149,2^\circ$ .                                      |
|           | eipP' <sub>1</sub>              | 02 43                      | 3       | 4,3             | 3,5   |       |                |                                                                 |
|           | e <sub>E</sub> sP' <sub>1</sub> | 03 16                      |         |                 |       |       |                |                                                                 |
|           | esP' <sub>2</sub>               | 03 37                      |         |                 |       |       |                |                                                                 |

Skalná Pleso

| Date      | Phase              | Heure<br>h m s<br>T. M. G. | Période | Amplitude $\mu$ |                |                | $\Delta$<br>km | Remarques                                                           |
|-----------|--------------------|----------------------------|---------|-----------------|----------------|----------------|----------------|---------------------------------------------------------------------|
|           |                    |                            |         | A <sub>N</sub>  | A <sub>E</sub> | A <sub>Z</sub> |                |                                                                     |
| 21. VIII  | e                  | 03 53                      |         |                 |                |                |                |                                                                     |
|           | e                  | 04 39                      |         |                 |                |                |                |                                                                     |
|           | e <sub>N</sub> PP  | 05 43                      |         |                 |                |                |                |                                                                     |
|           | eipPP              | 06 29                      |         |                 |                |                |                |                                                                     |
|           | e <sub>N</sub> SKS | 08 49                      |         |                 |                |                |                |                                                                     |
|           | ePPP               | 09 11                      |         |                 |                |                |                |                                                                     |
|           | epSKS              | 10 00                      |         |                 |                |                |                |                                                                     |
|           | e                  | 14 24                      |         |                 |                |                |                |                                                                     |
|           | e                  | 16 41                      |         |                 |                |                |                |                                                                     |
|           | e <sub>N</sub> pPS | 17 26                      |         |                 |                |                |                |                                                                     |
|           | eSS                | 24,5                       |         |                 |                |                |                |                                                                     |
|           | esSS               | 25,5                       |         |                 |                |                |                |                                                                     |
|           | e <sub>E</sub> SSS | 31,5                       |         |                 |                |                |                |                                                                     |
|           | M                  | manquent                   |         |                 |                |                |                |                                                                     |
|           | ei <sub>N</sub>    | 07 26 34                   |         |                 |                |                |                | Jan Mayen.<br>$\Delta_c = 26,9^\circ$ .                             |
| 21. VIII. | e <sub>N</sub>     | 26 52                      |         |                 |                |                |                |                                                                     |
|           | e <sub>N</sub>     | 27 14                      |         |                 |                |                |                |                                                                     |
|           | e <sub>N</sub>     | 27 35                      |         |                 |                |                |                |                                                                     |
|           | e                  | 31 03                      |         |                 |                |                |                |                                                                     |
|           | e                  | 31 14                      |         |                 |                |                |                |                                                                     |
|           | M                  | 39,4                       | 15      | 6               |                |                |                |                                                                     |
| 21. VIII. | F                  | 50                         |         |                 |                |                |                |                                                                     |
|           | eP                 | 22 56 47                   |         |                 |                |                | 3100           | Jan Mayen.<br>$\Delta_c = 26,9^\circ$ .                             |
|           | e                  | 57 05                      |         |                 |                |                | 28°            |                                                                     |
|           | e                  | 57 17                      |         |                 |                |                |                |                                                                     |
|           | e                  | 58 11                      |         |                 |                |                |                |                                                                     |
|           | e                  | 23 01 08                   |         |                 |                |                |                |                                                                     |
|           | eS                 | 01 29                      |         |                 |                |                |                |                                                                     |
| 24. VIII. | M                  | 09,4                       | 13      | 4               |                |                |                |                                                                     |
|           | F                  | 20                         |         |                 |                |                |                |                                                                     |
|           | eP                 | 06 04 07                   |         |                 |                |                | 9500           | Nevada.<br>Magnitude: $7\frac{1}{4}$ .<br>$\Delta_c = 84,3^\circ$ . |
|           | e                  | 04 13                      | 5       | 3               |                |                | 86°            |                                                                     |
|           | e                  | 06 50                      |         |                 |                |                |                |                                                                     |
|           | ePP                | 07 24                      |         |                 |                |                |                |                                                                     |
|           | e                  | 08 11                      |         |                 |                |                |                |                                                                     |
|           | e                  | 08 49                      |         |                 |                |                |                |                                                                     |
|           | eiS                | 14 39                      | 9,5     | 4,6             | 2,8            |                |                |                                                                     |
|           | ePS                | 15 37                      |         |                 |                |                |                |                                                                     |

Skalná Pleso

| Date      | Phase              | Heure<br>h m s<br>T. M. G. | Période | Amplitude $\mu$ |                |                | $\Delta$<br>km | Remarques                                                                                                   |
|-----------|--------------------|----------------------------|---------|-----------------|----------------|----------------|----------------|-------------------------------------------------------------------------------------------------------------|
|           |                    |                            |         | A <sub>N</sub>  | A <sub>E</sub> | A <sub>Z</sub> |                |                                                                                                             |
| 27. VIII. | e                  | 16 33                      |         |                 |                |                |                |                                                                                                             |
|           | e                  | 17 34                      |         |                 |                |                |                |                                                                                                             |
|           | e <sub>N</sub> SS  | 20,1                       |         |                 |                |                |                |                                                                                                             |
|           | e <sub>N</sub> SSS | 24,5                       |         |                 |                |                |                |                                                                                                             |
|           | M                  | 38,0                       | 18; 20  | 50              | 80             |                |                |                                                                                                             |
|           | M                  | 42,5                       | 20; 19  | 60              | 50             |                |                |                                                                                                             |
|           | M                  | 44,5                       | 19; 13  | 74              | 24             |                |                |                                                                                                             |
|           | F                  | 07 30                      |         |                 |                |                |                |                                                                                                             |
|           | e <sub>N</sub> PP  | 11 11 14                   |         |                 |                |                | 10000 ca       | Iles Bonin.<br>Temps relatif.<br>Magnitude:<br>$6\frac{1}{4} - 6\frac{1}{2}$ .<br>$\Delta_c = 91,1^\circ$ . |
|           | e <sub>N</sub>     | 14 45                      |         |                 |                |                | 90° ca         |                                                                                                             |
|           | eS                 | 18 35                      | 7       | 0,7             |                |                |                |                                                                                                             |
|           | e                  | 19 24                      |         |                 |                |                |                |                                                                                                             |
|           | e                  | 20 16                      |         |                 |                |                |                |                                                                                                             |
|           | eSS                | 24 27                      |         |                 |                |                |                |                                                                                                             |
|           | e                  | 27,5                       |         |                 |                |                |                |                                                                                                             |
| 30. VIII. | M                  | 46,5                       | 18      | 10              | 8              |                |                |                                                                                                             |
|           | M                  | 58,6                       | 17      | 10              | 7              |                |                |                                                                                                             |
|           | F                  | 12 30                      |         |                 |                |                |                |                                                                                                             |
|           | ei <sub>N</sub> P  | 08 09 11                   | 3       | +1,8            |                |                | 8500           | Iles Kouriles.<br>Temps relatifs<br>Magnitude:<br>$6 - 6\frac{1}{4}$ .<br>$\Delta_c = 76,0^\circ$ .         |
|           | e                  | 09 22                      |         |                 |                |                | 76,5°          |                                                                                                             |
|           | e                  | 09 54                      |         |                 |                |                |                |                                                                                                             |
|           | e                  | 11 22                      |         |                 |                |                |                |                                                                                                             |
|           | eiS                | 18 53                      |         |                 |                |                |                |                                                                                                             |
|           | e                  | 19 05                      |         |                 |                |                |                |                                                                                                             |
|           | e                  | 20 25                      |         |                 |                |                |                |                                                                                                             |
|           | M                  | 46                         | 17      | 7               | 5              |                |                |                                                                                                             |
|           | F                  | 09                         |         |                 |                |                |                |                                                                                                             |

Septembre 1954

| Date   | Phase              | Heure<br>h m s<br>T. M. G. | Période | Amplitude $\mu$ |                |                | $\Delta$<br>km | Remarques                                                                                 |
|--------|--------------------|----------------------------|---------|-----------------|----------------|----------------|----------------|-------------------------------------------------------------------------------------------|
|        |                    |                            |         | A <sub>N</sub>  | A <sub>E</sub> | A <sub>Z</sub> |                |                                                                                           |
| 6. IX. | eiP                | 18 42 18                   | 0,8     | +6              |                |                | 8190           | Temps relatif.<br>Kamtchatka.<br>Magnitude: $6\frac{3}{4}$ .<br>$\Delta_c = 73,2^\circ$ . |
|        | e <sub>N</sub>     | 42 31                      |         |                 |                |                | 73,8°          |                                                                                           |
|        | e <sub>N</sub>     | 43 21                      |         |                 |                |                |                |                                                                                           |
|        | ei <sub>N</sub> PP | 45 03                      |         |                 |                |                |                |                                                                                           |
|        | e                  | 45 23                      |         |                 |                |                |                |                                                                                           |
|        | eS                 | 51 44                      |         |                 |                |                |                |                                                                                           |
|        | e                  | 52 39                      |         |                 |                |                |                |                                                                                           |

Skalnate Pleso

| Date    | Phase              | Heure<br>h m s<br>T. M. G. | Période | Amplitude $\mu$ |                |                | $\Delta$<br>km | Remarques                                                                                                                                                          |
|---------|--------------------|----------------------------|---------|-----------------|----------------|----------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                    |                            |         | A <sub>N</sub>  | A <sub>E</sub> | A <sub>Z</sub> |                |                                                                                                                                                                    |
| 9. IX.  | e                  | 19 00,2                    |         |                 |                |                |                |                                                                                                                                                                    |
|         | eL                 | 08,2                       |         |                 |                |                |                |                                                                                                                                                                    |
|         | M                  | 16,3                       | 27; 21  | 60              | 22             |                |                |                                                                                                                                                                    |
|         | M                  | 19,0                       | 18; 16  | 16              | 9              |                |                |                                                                                                                                                                    |
|         | F                  | 20                         |         |                 |                |                |                |                                                                                                                                                                    |
|         | iP                 | 01 08 56                   | 4; 4    | + 3             | + 3,4          |                | 2130           | Temps relatif.<br>Algérie.<br>Magnitude: 6 <sup>1/2</sup> .<br>PH : 6s; 58 $\mu$ ,<br>PPH : 5,5s; 50 $\mu$ ,<br>SH : 6,5s; 24 $\mu$ .<br>$\Delta_c = 17,7^\circ$ . |
|         | i                  | 09 05                      |         |                 |                |                | 19,2°          |                                                                                                                                                                    |
|         | iPP                | 09 15                      |         |                 |                |                |                |                                                                                                                                                                    |
|         | (iPPP)             | 09 28                      |         |                 |                |                |                |                                                                                                                                                                    |
|         | i                  | 09 42                      |         |                 |                |                |                |                                                                                                                                                                    |
|         | i                  | 10 05                      |         |                 |                |                |                |                                                                                                                                                                    |
|         | iS                 | 12 26                      | 8; 5    | 7               | 5              |                |                |                                                                                                                                                                    |
|         | i <sub>N</sub>     | 12 34                      |         |                 |                |                |                |                                                                                                                                                                    |
|         | eiSS               | 12 47                      |         |                 |                |                |                |                                                                                                                                                                    |
|         | eLQ                | 13 15                      |         |                 |                |                |                |                                                                                                                                                                    |
|         | eLR                | 15,2                       |         |                 |                |                |                |                                                                                                                                                                    |
|         | M                  | 17,2                       | 19; 12  | 360             | 110            |                |                |                                                                                                                                                                    |
|         | M                  | 18,3                       | 11      |                 | 80             |                |                |                                                                                                                                                                    |
|         | M                  | 20,6                       | 8; 9    | 46              | 40             |                |                |                                                                                                                                                                    |
|         | F                  | 02 45                      |         |                 |                |                |                |                                                                                                                                                                    |
| 10. IX. | eiP                | 05 47 28                   | 5; 4    | 3,6             | 3              |                | 2130           | Temps relatif.<br>Algérie.<br>PH : 5s; 12 $\mu$ ,<br>SH : 6,5s; 15,5 $\mu$ .<br>$\Delta_c = 17,5^\circ$ .                                                          |
|         | e                  | 48 33                      |         |                 |                |                | 19,2°          |                                                                                                                                                                    |
|         | eiPP               | 48 41                      |         |                 |                |                |                |                                                                                                                                                                    |
|         | ei                 | 49 26                      |         |                 |                |                |                |                                                                                                                                                                    |
|         | eiS                | 51 56                      | 5,5; 8  | 6               | 1,4            |                |                |                                                                                                                                                                    |
|         | eSS                | 52 22                      |         |                 |                |                |                |                                                                                                                                                                    |
|         | ei                 | 52 35                      |         |                 |                |                |                |                                                                                                                                                                    |
|         | M                  | 55,7                       | 14      | 25              |                |                |                |                                                                                                                                                                    |
|         | M                  | 57,0                       | 10; 13  | 14              | 24             |                |                |                                                                                                                                                                    |
|         | F                  | 06 30                      |         |                 |                |                |                |                                                                                                                                                                    |
| 13. IX. | eP <sub>1</sub> '  | 02 29 35                   |         |                 |                |                | 16600          | Temps relatif.<br>Iles Tonga.<br>h = 150 km.<br>PPH : 6,5s; 3,2 $\mu$ .<br>$\Delta_c = 149,4^\circ$ .                                                              |
|         | ei                 | 29 48                      |         |                 |                |                | 149°           |                                                                                                                                                                    |
|         | eP <sub>2</sub> '  | 29 56                      |         |                 |                |                |                |                                                                                                                                                                    |
|         | eiP <sub>1</sub> ' | 30 27                      |         |                 |                |                |                |                                                                                                                                                                    |
|         | eiP <sub>2</sub> ' | 30 56                      |         |                 |                |                |                |                                                                                                                                                                    |
|         | ei                 | 31 56                      |         |                 |                |                |                |                                                                                                                                                                    |
|         | ei                 | 32 35                      |         |                 |                |                |                |                                                                                                                                                                    |
|         | ePP                | 32 58                      |         |                 |                |                |                |                                                                                                                                                                    |
|         | esPP               | 34 01                      |         |                 |                |                |                |                                                                                                                                                                    |
|         | e                  | 34 56                      |         |                 |                |                |                |                                                                                                                                                                    |

Skalnate Pleso

| Date    | Phase               | Heure<br>h m s<br>T. M. G. | Période | Amplitude $\mu$ |                |                | $\Delta$<br>km | Remarques                                                                                                                          |
|---------|---------------------|----------------------------|---------|-----------------|----------------|----------------|----------------|------------------------------------------------------------------------------------------------------------------------------------|
|         |                     |                            |         | A <sub>N</sub>  | A <sub>E</sub> | A <sub>Z</sub> |                |                                                                                                                                    |
| 15. IX. | e                   | 35 27                      |         |                 |                |                |                |                                                                                                                                    |
|         | esSKS               | 37 24                      |         |                 |                |                |                |                                                                                                                                    |
|         | e                   | 38 12                      |         |                 |                |                |                |                                                                                                                                    |
|         | eiSKKS              | 38 52                      |         |                 |                |                |                |                                                                                                                                    |
|         | e                   | 39 48                      |         |                 |                |                |                |                                                                                                                                    |
|         | e                   | 42 54                      |         |                 |                |                |                |                                                                                                                                    |
|         | eSKSP               | 43 36                      |         |                 |                |                |                |                                                                                                                                    |
|         | epPS                | 44 34                      |         |                 |                |                |                |                                                                                                                                    |
|         | eSS                 | 51 59                      |         |                 |                |                |                |                                                                                                                                    |
|         | eSSS                | 56,4                       |         |                 |                |                |                |                                                                                                                                    |
|         | L                   | 04 20,9                    |         |                 |                |                |                |                                                                                                                                    |
|         | eiP <sub>1</sub> '  | 18 14 47                   | 5; 2    | + 5,5           | + 1,4          |                | 16100          | Temps relatif.<br>Iles Fidji.<br>h = 600 km.<br>PPH : 8s; 3,6 $\mu$ .<br>$\Delta_c = 146,1^\circ$ .                                |
|         | eiP <sub>2</sub> '  | 14 52                      |         |                 |                |                | 145°           |                                                                                                                                    |
|         | ei                  | 15 05                      |         |                 |                |                |                |                                                                                                                                    |
|         | ei                  | 15 16                      |         |                 |                |                |                |                                                                                                                                    |
|         | ei <sub>N</sub>     | 15 36                      |         |                 |                |                |                |                                                                                                                                    |
|         | epP <sub>1</sub> '  | 17 01                      |         |                 |                |                |                |                                                                                                                                    |
|         | ePP                 | 18 14                      |         |                 |                |                |                |                                                                                                                                    |
|         | eSKS                | 20 58                      |         |                 |                |                |                |                                                                                                                                    |
|         | ePSKS               | 29 17                      |         |                 |                |                |                |                                                                                                                                    |
| 17. IX. | iP <sub>1</sub> '   | 11 22 42                   | 1       | - 2,2           | - 3,2          |                | 16300          | Temps relatif.<br>Iles Tonga.<br>h = 250 km ca.<br>PPH : 9s; 5,0 $\mu$ ,<br>PPPH : 3,2s; 2,1 $\mu$ .<br>$\Delta_c = 149,5^\circ$ . |
|         | i                   | 22 51                      |         |                 |                |                | 147°           |                                                                                                                                    |
|         | iP <sub>2</sub> '   | 23 02                      |         |                 |                |                |                |                                                                                                                                    |
|         | ei <sub>N</sub>     | 23 20                      |         |                 |                |                |                |                                                                                                                                    |
|         | ipP <sub>1</sub> '  | 23 52                      |         |                 |                |                |                |                                                                                                                                    |
|         | ei                  | 24 05                      |         |                 |                |                |                |                                                                                                                                    |
|         | eipP <sub>2</sub> ' | 24 12                      |         |                 |                |                |                |                                                                                                                                    |
|         | eisP <sub>2</sub> ' | 24(45)                     |         |                 |                |                |                |                                                                                                                                    |
|         | e <sub>N</sub>      | 25 57                      |         |                 |                |                |                |                                                                                                                                    |
|         | e <sub>N</sub> PP   | 26 16                      |         |                 |                |                |                |                                                                                                                                    |
|         | e <sub>N</sub>      | 26 42                      |         |                 |                |                |                |                                                                                                                                    |
|         | e <sub>N</sub> pPP  | 27 17                      |         |                 |                |                |                |                                                                                                                                    |
|         | eisPP               | 27 42                      |         |                 |                |                |                |                                                                                                                                    |
|         | e <sub>E</sub>      | 27 55                      |         |                 |                |                |                |                                                                                                                                    |
|         | eSKS                | 29 22                      |         |                 |                |                |                |                                                                                                                                    |
|         | ePPP                | 29 55                      |         |                 |                |                |                |                                                                                                                                    |
|         | eSKKS               | 32 13                      |         |                 |                |                |                |                                                                                                                                    |
|         | eSKSP               | 32 42                      |         |                 |                |                |                |                                                                                                                                    |
|         | e                   | 34 38                      |         |                 |                |                |                |                                                                                                                                    |
|         | epPS                | 37 52                      |         |                 |                |                |                |                                                                                                                                    |
|         | ei <sub>N</sub>     | 44 04                      |         |                 |                |                |                |                                                                                                                                    |
|         | eSS                 | 45 48                      |         |                 |                |                |                |                                                                                                                                    |
|         |                     |                            |         |                 |                |                |                |                                                                                                                                    |
|         |                     |                            |         |                 |                |                |                |                                                                                                                                    |

Skalnaté Pleso

| Date    | Phase             | Heure<br>h m s<br>T. M. G. | Période | Amplitude $\mu$ |                |                | $\Delta$<br>km | Remarques                                                                               |
|---------|-------------------|----------------------------|---------|-----------------|----------------|----------------|----------------|-----------------------------------------------------------------------------------------|
|         |                   |                            |         | A <sub>N</sub>  | A <sub>E</sub> | A <sub>Z</sub> |                |                                                                                         |
| 23. IX. | M                 | 58,3                       | 15; 20  | 6               | 22             |                | 8200<br>74°    | Temps relatif.<br>Iles Kouriles.<br>Magnitude: $6^{3/4}$ .<br>$\Delta_c = 74,6^\circ$ . |
|         | M                 | 12 00,0                    | 20; 25  | 18              | 20             |                |                |                                                                                         |
|         | M                 | 13,2                       | 25      |                 | 30             |                |                |                                                                                         |
|         | M                 | 16,1                       | 25      | 19              |                |                |                |                                                                                         |
|         | F                 | 45                         |         |                 |                |                |                |                                                                                         |
|         | eiP               | 21 55 32                   | 4       | +3,2            |                |                |                |                                                                                         |
|         | e                 | 55 39                      |         |                 |                |                |                |                                                                                         |
|         | eP <sub>c</sub> P | 55 52                      |         |                 |                |                |                |                                                                                         |
|         | e                 | 56 20                      |         |                 |                |                |                |                                                                                         |
|         | e                 | 57 00                      |         |                 |                |                |                |                                                                                         |
|         | eS                | 22 05 02                   |         |                 |                |                |                |                                                                                         |
|         | eS <sub>c</sub> S | 05 38                      |         |                 |                |                |                |                                                                                         |
|         | e                 | 11 08                      |         |                 |                |                |                |                                                                                         |
|         | e                 | 13 38                      |         |                 |                |                |                |                                                                                         |
|         | L                 | 18,0                       |         |                 |                |                |                |                                                                                         |
|         | M                 | 26,7                       | 18; 20  | 15              | 26             |                |                |                                                                                         |
|         | M                 | 31,5                       | 23; 20  | 58              | 42             |                |                |                                                                                         |
|         | F                 | 23 15                      |         |                 |                |                |                |                                                                                         |

Octobre 1954

| Date  | Phase               | Heure<br>h m s<br>T. M. G. | Période | Amplitude $\mu$ |                |                | $\Delta$<br>km | Remarques                                                                     |
|-------|---------------------|----------------------------|---------|-----------------|----------------|----------------|----------------|-------------------------------------------------------------------------------|
|       |                     |                            |         | A <sub>N</sub>  | A <sub>E</sub> | A <sub>Z</sub> |                |                                                                               |
| 1. X. | e <sub>E</sub> PP   | 03 17 16                   |         |                 |                |                | 14800<br>133°  | Iles Santa Cruz.<br>Magnitude:<br>$6^{3/4}$ -7.<br>$\Delta_c = 132,5^\circ$ . |
|       | ei <sub>N</sub> PKS | 18 23                      |         |                 |                |                |                |                                                                               |
|       | e <sub>N</sub>      | 18 54                      |         |                 |                |                |                |                                                                               |
|       | e <sub>N</sub>      | 20 29                      |         |                 |                |                |                |                                                                               |
|       | ei <sub>N</sub> SKS | 22 01                      |         |                 |                |                |                |                                                                               |
|       | e <sub>N</sub>      | 25 07                      |         |                 |                |                |                |                                                                               |
|       | e <sub>N</sub>      | 27 49                      |         |                 |                |                |                |                                                                               |
|       | e <sub>E</sub> PPS  | 29 04                      |         |                 |                |                |                |                                                                               |
|       | e                   | 31 44                      |         |                 |                |                |                |                                                                               |
|       | e <sub>E</sub> SS   | 34 52                      |         |                 |                |                |                |                                                                               |
|       | e <sub>N</sub> SSS  | 39 50                      |         |                 |                |                |                |                                                                               |
|       | e <sub>E</sub> L    | 04 00,0                    |         |                 |                |                |                |                                                                               |
|       | M                   | 11,2                       | 20; 22  | 19              | 15             |                |                |                                                                               |
|       | M                   | 14,5                       | 20; 16  | 19              | 11             |                |                |                                                                               |
|       | M                   | 16,8                       | 18      |                 | 16             |                |                |                                                                               |
|       | F                   | 04 30                      |         |                 |                |                |                |                                                                               |

Skalnaté Pleso

| Date   | Phase              | Heure<br>h m s<br>T. M. G. | Période | Amplitude $\mu$ |                |                | $\Delta$<br>km | Remarques                                                                   |
|--------|--------------------|----------------------------|---------|-----------------|----------------|----------------|----------------|-----------------------------------------------------------------------------|
|        |                    |                            |         | A <sub>N</sub>  | A <sub>E</sub> | A <sub>Z</sub> |                |                                                                             |
| 3. X.  | eiPP               | 03 08 55                   |         |                 |                |                | 14700<br>132°  | Réplique.<br>Magnitude: 7,2.<br>$\Delta_c = 131,4^\circ$ .                  |
|        | ei <sub>N</sub>    | 10 13                      |         |                 |                |                |                |                                                                             |
|        | ei                 | 10 44                      |         |                 |                |                |                |                                                                             |
|        | e <sub>N</sub>     | 11 37                      |         |                 |                |                |                |                                                                             |
|        | e <sub>N</sub>     | 12 25                      |         |                 |                |                |                |                                                                             |
|        | e                  | 16 48                      |         |                 |                |                |                |                                                                             |
|        | e <sub>N</sub> PPS | 20 45                      |         |                 |                |                |                |                                                                             |
|        | eSS                | 26 48                      |         |                 |                |                |                |                                                                             |
|        | eSSS               | 32,0                       |         |                 |                |                |                |                                                                             |
|        | L                  | 42,0                       |         |                 |                |                |                |                                                                             |
|        | M                  | 54                         | 19      |                 | 12             |                |                |                                                                             |
|        | M                  | 57                         | 23      |                 | 22             |                |                |                                                                             |
|        | M                  | 58,2                       | 21      | 21              |                |                |                |                                                                             |
|        | M                  | 04 04,3                    | 22      | 40              |                |                |                |                                                                             |
|        | M                  | 06,9                       | 20      |                 | 21             |                |                |                                                                             |
|        | F                  | 45                         |         |                 |                |                |                |                                                                             |
| 3. X.  | eiP                | 11 29 55                   | 3,5     | +1,8            |                |                | 8100<br>72,8   | Alaska<br>h = 80 km.<br>SH : 5,5s; 4,8 $\mu$ .<br>$\Delta_c = 71,2^\circ$ . |
|        | ei                 | 30 05                      |         |                 |                |                |                |                                                                             |
|        | ei <sub>N</sub> PP | 30 15                      | 3       | 6,5             |                |                |                |                                                                             |
|        | eisP               | 30 26                      |         |                 |                |                |                |                                                                             |
|        | e                  | 30 41                      |         |                 |                |                |                |                                                                             |
|        | ei                 | 30 54                      |         |                 |                |                |                |                                                                             |
|        | e                  | 32 08                      |         |                 |                |                |                |                                                                             |
|        | e                  | 32 29                      |         |                 |                |                |                |                                                                             |
|        | e                  | 32 54                      |         |                 |                |                |                |                                                                             |
|        | epPP               | 33 00                      |         |                 |                |                |                |                                                                             |
|        | eS                 | 39 03                      | 6; 5    | 2,9             | 3,9            |                |                |                                                                             |
|        | eS <sub>c</sub> S  | 39 33                      |         |                 |                |                |                |                                                                             |
|        | ePS                | 39 54                      |         |                 |                |                |                |                                                                             |
|        | e                  | 40 16                      |         |                 |                |                |                |                                                                             |
|        | esPS               | 40 30                      |         |                 |                |                |                |                                                                             |
| 20. X. | e <sub>E</sub>     | 02 56 25                   |         |                 |                |                |                |                                                                             |
| 30. X. | eiP                | 23 49 06                   | 4; 4    | +2              | -5             |                |                | Temps relatif.<br>Caucase.<br>$\Delta_c = 20,6^\circ$ .                     |
|        | ei                 | 49 12                      |         |                 |                |                |                |                                                                             |
|        | ePP                | 49 32                      |         |                 |                |                |                |                                                                             |
|        | e                  | 50 21                      |         |                 |                |                |                |                                                                             |
|        | e                  | 52 56                      |         |                 |                |                |                |                                                                             |
|        | e <sub>N</sub>     | 53 19                      |         |                 |                |                |                |                                                                             |
|        | M                  | 53 53                      | 6; 5    | 3               | 2              |                |                |                                                                             |
|        | F                  | 24                         |         |                 |                |                |                |                                                                             |

Skalná té Pleso

Novembre 1954

| Date    | Phase                           | Heure<br>h m s<br>T. M. G. | Période | Amplitude $\mu$ |                |                | $\Delta$<br>km | Remarques                                                                                                        |
|---------|---------------------------------|----------------------------|---------|-----------------|----------------|----------------|----------------|------------------------------------------------------------------------------------------------------------------|
|         |                                 |                            |         | A <sub>N</sub>  | A <sub>E</sub> | A <sub>Z</sub> |                |                                                                                                                  |
| 2. XI.  | eLQ                             | 09 13,5                    |         |                 |                |                |                | Changement des<br>feuilles.<br>Région Java.<br>Magnitude:<br>$6^{1/2} - 6^{3/4}$ .<br>$\Delta_c = 101,5^\circ$ . |
|         | eLR                             | 21,4                       |         |                 |                |                |                |                                                                                                                  |
|         | M                               | 26,0                       | 20; 22  | 14              | 17             |                |                |                                                                                                                  |
|         | M                               | 30,2                       | 17; 22  | 8               | 15             |                |                |                                                                                                                  |
|         | M                               | 34,0                       | 17; 17  | 7               | 8              |                |                |                                                                                                                  |
|         | F                               | 10                         |         |                 |                |                |                |                                                                                                                  |
| 12. XI. | e                               | 12 44 12                   |         |                 |                |                |                | Ag. ml.<br>Californie.<br>Magnitude:<br>$6^{1/2} - 6^{3/4}$ .<br>$\Delta_c = 90,9^\circ$ .                       |
|         | eL                              | 13 09,0                    |         |                 |                |                |                |                                                                                                                  |
|         | M                               | 16,5                       | 20; 22  | 19              | 22             |                |                |                                                                                                                  |
|         | M                               | 20,0                       | 15; 15  | 6               | 5              |                |                |                                                                                                                  |
|         | F                               | 13 45                      |         |                 |                |                |                |                                                                                                                  |
| 15. XI. | e <sub>N</sub>                  | 16 50 12                   |         |                 |                |                |                | Traces.<br>Iles Mariannes.<br>h = 200 km<br>(USCGS).<br>$\Delta_c = 96,2^\circ$ .                                |
|         | e                               | 51 30                      |         |                 |                |                |                |                                                                                                                  |
|         | e                               | 52 16                      |         |                 |                |                |                |                                                                                                                  |
|         | e                               | 55 02                      |         |                 |                |                |                |                                                                                                                  |
| 18. XI. | eP                              | 05 31 38                   |         |                 |                |                |                | Juriles.<br>h = 100 km ca<br>(USCGS).<br>Magnitude: $6^{1/4}$ .<br>$\Delta_c = 75,0^\circ$ .                     |
|         | epP                             | 32 01                      |         |                 |                |                |                |                                                                                                                  |
|         | e <sub>N</sub> SP               | 32 16                      |         |                 |                |                |                |                                                                                                                  |
|         | e <sub>N</sub>                  | 36 11                      |         |                 |                |                |                |                                                                                                                  |
|         | e <sub>N</sub>                  | 40 39                      |         |                 |                |                |                |                                                                                                                  |
|         | eS                              | 41 00                      |         |                 |                |                |                |                                                                                                                  |
|         | e <sub>E</sub> S <sub>c</sub> S | 41 16                      |         |                 |                |                |                |                                                                                                                  |
|         | ePS                             | 41 51                      |         |                 |                |                |                |                                                                                                                  |
|         | e                               | 42 16                      |         |                 |                |                |                |                                                                                                                  |
|         | eL                              | 59,0                       |         |                 |                |                |                |                                                                                                                  |
|         | M                               | 06 03,6                    | 22; 22  | 12              | 12             |                |                |                                                                                                                  |
|         | M                               | 07,8                       | 20      | 9               |                |                |                |                                                                                                                  |
|         | F                               | 30                         |         |                 |                |                |                |                                                                                                                  |
| 18. XI. | eiP                             | 20 56 59                   |         |                 |                |                |                | Japon.<br>Magnitude: $6^{1/4}$ .<br>$\Delta_c = 78,1^\circ$ .                                                    |
|         | e <sub>E</sub> P <sub>c</sub> P | 57 10                      |         |                 |                |                |                |                                                                                                                  |
|         | ei                              | 57 21                      |         |                 |                |                |                |                                                                                                                  |
|         | e <sub>N</sub>                  | 59 22                      |         |                 |                |                |                |                                                                                                                  |
|         | e <sub>N</sub>                  | 21 00 16                   |         |                 |                |                |                |                                                                                                                  |
|         | eL                              | 28,3                       |         |                 |                |                |                |                                                                                                                  |
|         | M                               | 34,6                       | 17; 17  | 9               | 7              |                |                |                                                                                                                  |
|         | F                               | 21 45                      |         |                 |                |                |                |                                                                                                                  |
|         |                                 |                            |         |                 |                |                |                |                                                                                                                  |

Skalná té Pleso

| Date    | Phase               | Heure<br>h m s<br>T. M. G. | Période | Amplitude $\mu$ |                |                | $\Delta$<br>km | Remarques                                                                            |
|---------|---------------------|----------------------------|---------|-----------------|----------------|----------------|----------------|--------------------------------------------------------------------------------------|
|         |                     |                            |         | A <sub>N</sub>  | A <sub>E</sub> | A <sub>Z</sub> |                |                                                                                      |
| 19. XI. | eP                  | 06 06 34                   |         |                 |                |                | 8200<br>74°    | Mer du Japon.<br>h = 600 km ca.<br>PH : 4s; 1,5 $\mu$ .<br>$\Delta_c = 71,9^\circ$ . |
|         | eP <sub>c</sub> P   | 06 46                      |         |                 |                |                |                |                                                                                      |
|         | e <sub>N</sub>      | 07 15                      |         |                 |                |                |                |                                                                                      |
|         | eiP                 | 08 31                      |         |                 |                |                |                |                                                                                      |
|         | eiS                 | 09 27                      |         |                 |                |                |                |                                                                                      |
|         | eS                  | 15(13)                     |         |                 |                |                |                |                                                                                      |
|         | eS <sub>c</sub> S   | 15 28                      |         |                 |                |                |                |                                                                                      |
|         | e(SP)               | 15 40                      |         |                 |                |                |                |                                                                                      |
|         | e <sub>E</sub>      | 16 41                      |         |                 |                |                |                |                                                                                      |
|         | e                   | 18 13                      |         |                 |                |                |                |                                                                                      |
| 23. XI. | eiP                 | 21 24 26                   |         |                 | +              | -              |                | Région Kamtchatka.<br>Magnitude: 6.<br>$\Delta_c = 74,0^\circ$ .                     |
|         | e                   | 25 26                      |         |                 |                |                |                |                                                                                      |
|         | e                   | 26 12                      |         |                 |                |                |                |                                                                                      |
|         | e                   | 33 31                      |         |                 |                |                |                |                                                                                      |
|         | eSS                 | 39,7                       |         |                 |                |                |                |                                                                                      |
|         | L                   | 48,0                       |         |                 |                |                |                |                                                                                      |
|         | M                   | 22 00,7                    | 15; 15  | 6               | 3              |                |                |                                                                                      |
| 25. XI. | F                   | 30                         |         |                 |                |                | 9650<br>87°    | Californie.<br>Magnitude:<br>$6^{3/4} - 7$ .<br>$\Delta_c = 86,0^\circ$ .            |
|         | eiP                 | 11 29 20                   | 4       | +1,6            |                |                |                |                                                                                      |
|         | ei                  | 29 35                      |         |                 |                |                |                |                                                                                      |
|         | ei                  | 30 04                      |         |                 |                |                |                |                                                                                      |
|         | e <sub>N</sub> PP   | 32 38                      |         |                 |                |                |                |                                                                                      |
|         | ei <sub>N</sub> PPP | 34 32                      |         |                 |                |                |                |                                                                                      |
|         | e                   | 34 52                      |         |                 |                |                |                |                                                                                      |
|         | eS                  | 39 53                      |         |                 |                |                |                |                                                                                      |
|         | eS <sub>c</sub> S   | 40 02                      |         |                 |                |                |                |                                                                                      |
|         | ePS                 | 40 48                      |         |                 |                |                |                |                                                                                      |
|         | e                   | 42 06                      |         |                 |                |                |                |                                                                                      |
|         | eSS                 | 45 30                      |         |                 |                |                |                |                                                                                      |
|         | eSSS                | 49 12                      |         |                 |                |                |                |                                                                                      |
|         | eLQ                 | 51,6                       |         |                 |                |                |                |                                                                                      |
|         | eLR                 | 57,0                       |         |                 |                |                |                |                                                                                      |
|         | M                   | 12 04,9                    | 18; 18  | 35              | 47             |                |                |                                                                                      |
|         | M                   | 07                         | 18; 16  | 36              | 28             |                |                |                                                                                      |
|         | F                   | 12 30                      |         |                 |                |                |                |                                                                                      |

Skalnaté Pleso

| Date     | Phase        | Heure<br>h m s<br>T. M. G. | Période | Amplitude $\mu$ |       |       | $\Delta$<br>km | Remarques                                                                                                              |
|----------|--------------|----------------------------|---------|-----------------|-------|-------|----------------|------------------------------------------------------------------------------------------------------------------------|
|          |              |                            |         | $A_N$           | $A_E$ | $A_Z$ |                |                                                                                                                        |
| 3. XII.  | $e_N PP$     | 21 47 04                   | 12; 11  | 2               | 4     |       |                | Ag. mi.<br>URSS.<br>$\Delta_c = 38,2^\circ$ .                                                                          |
|          | e            | 48 47                      |         |                 |       |       |                |                                                                                                                        |
|          | $e_E(SS)$    | 54 10                      |         |                 |       |       |                |                                                                                                                        |
|          | $e_E L$      | 59,1                       |         |                 |       |       |                |                                                                                                                        |
|          | M            | 22 03,1                    |         |                 |       |       |                |                                                                                                                        |
|          | F            | 15                         |         |                 |       |       |                |                                                                                                                        |
| 4. XII.  | $eiP$        | 18 43 00                   | 8       | 1               | 2     |       |                | Ag. mi.<br>Antilles.<br>Magnitude: 6.<br>$\Delta_c = 76,0^\circ$ .                                                     |
|          | $eiP_c P$    | 43 11                      |         |                 |       |       |                |                                                                                                                        |
|          | e            | 44 00                      |         |                 |       |       |                |                                                                                                                        |
|          | $eiS$        | 52 43                      |         |                 |       |       |                |                                                                                                                        |
|          | $eS_c S$     | 53 03                      |         |                 |       |       |                |                                                                                                                        |
|          | ePPS         | 53 38                      |         |                 |       |       |                |                                                                                                                        |
|          | e            | 53 57                      |         |                 |       |       |                |                                                                                                                        |
|          | $e_E$        | 58 55                      |         |                 |       |       |                |                                                                                                                        |
|          | $e_E L$      | 19 08,0                    |         |                 |       |       |                |                                                                                                                        |
|          | M            | 18,9                       |         |                 |       |       |                |                                                                                                                        |
| 11. XII. | F            | 30                         | 15      |                 | 4     |       |                |                                                                                                                        |
|          | $eiP$        | 13 03 44                   |         |                 |       |       |                |                                                                                                                        |
|          | $ei_N$       | 03 53                      |         |                 |       |       |                |                                                                                                                        |
|          | $eiPP$       | 04 45                      |         |                 |       |       |                |                                                                                                                        |
|          | $eiPPP$      | 05 00                      |         |                 |       |       |                |                                                                                                                        |
|          | e            | 05 36                      |         |                 |       |       |                |                                                                                                                        |
|          | e            | 06 48                      |         |                 |       |       |                |                                                                                                                        |
|          | eS           | 08 55                      |         |                 |       |       |                |                                                                                                                        |
|          | eSS          | 11,3                       |         |                 |       |       |                |                                                                                                                        |
|          | eL           | 12,0                       |         |                 |       |       |                |                                                                                                                        |
|          | M            | 15,3                       |         |                 |       |       |                |                                                                                                                        |
|          | M            | 19,2                       |         |                 |       |       |                |                                                                                                                        |
|          | M            | 21,3                       |         |                 |       |       |                |                                                                                                                        |
|          | F            | 14 00                      |         |                 |       |       |                |                                                                                                                        |
| 16. XII. | $ei_N P$     | 11 19 52                   | 3,3     | -1,1            |       |       | 3600<br>32,5°  | Océan Atlantique.<br>Magnitude: 6 <sup>1</sup> / <sub>4</sub> .<br>PH : 3,5s; 3,5 $\mu$ .<br>$\Delta_c = 34,0^\circ$ . |
|          | ei           | 20 08                      |         |                 |       |       |                |                                                                                                                        |
|          | ei           | 21 50                      |         |                 |       |       |                |                                                                                                                        |
|          | e            | 22 34                      |         |                 |       |       |                |                                                                                                                        |
|          | ePP          | 23 06                      |         |                 |       |       |                |                                                                                                                        |
|          | $e_N$        | 24 06                      |         |                 |       |       |                |                                                                                                                        |
|          | $ei_N$       | 24 16                      |         |                 |       |       |                |                                                                                                                        |
|          | $e_N PPP$    | 25 54                      |         |                 |       |       |                |                                                                                                                        |
|          | eS           | 30 13                      |         |                 |       |       |                |                                                                                                                        |
|          | $ei_N S_c S$ | 30 34                      |         |                 |       |       |                |                                                                                                                        |
|          | e            | 31 04                      |         |                 |       |       |                |                                                                                                                        |
|          |              |                            |         |                 |       |       |                |                                                                                                                        |

Skalnaté Pleso

| Date            | Phase  | Heure<br>h m s<br>T. M. G. | Période                              | Amplitude $\mu$      |                       |       | $\Delta$<br>km | Remarques                  |
|-----------------|--------|----------------------------|--------------------------------------|----------------------|-----------------------|-------|----------------|----------------------------|
|                 |        |                            |                                      | $A_N$                | $A_E$                 | $A_Z$ |                |                            |
| 17.—31.<br>XII. | $ei_E$ | 32 04                      | 23; 21<br>20; 20<br>13; 23<br>13; 16 | 40<br>60<br>30<br>34 | 50<br>64<br>125<br>44 |       |                | Panne d'enregi-<br>streur. |
|                 | e      | 34 44                      |                                      |                      |                       |       |                |                            |
|                 | eSSS   | 40,0                       |                                      |                      |                       |       |                |                            |
|                 | eL     | 46,0                       |                                      |                      |                       |       |                |                            |
|                 | M      | 52,4                       |                                      |                      |                       |       |                |                            |
|                 | M      | 54,3                       |                                      |                      |                       |       |                |                            |
|                 | M      | 56,3                       |                                      |                      |                       |       |                |                            |
|                 | M      | 12 03,3                    |                                      |                      |                       |       |                |                            |
|                 | F      | 13 00                      |                                      |                      |                       |       |                |                            |
|                 |        | .....                      |                                      |                      |                       |       |                |                            |
|                 |        |                            |                                      |                      |                       |       |                |                            |
|                 |        |                            |                                      |                      |                       |       |                |                            |

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