

## II.5. Прибайкалье и Забайкалье

по данным БФ ГС СО РАН (ВУКЛ)

| №  | Дата,<br>год м д |   |    | Время, $t_0$ ,<br>ч мин с |    |      | $\delta t_0$ ,<br>с | Гипоцентр      |                     |                |                     |             |                    | $K_p$ | M   | Код<br>сети | I,<br>примечание |
|----|------------------|---|----|---------------------------|----|------|---------------------|----------------|---------------------|----------------|---------------------|-------------|--------------------|-------|-----|-------------|------------------|
|    |                  |   |    |                           |    |      |                     | $\varphi$ , °N | $\delta\varphi$ , ° | $\lambda$ , °E | $\delta\lambda$ , ° | $h$ ,<br>км | $\delta h$ ,<br>км |       |     |             |                  |
| 1  | 2004             | 1 | 1  | 7                         | 51 | 13.3 | 0.6                 | 53.16          | 0.03                | 107.62         | 0.07                |             |                    | 7.7   | 2.1 | ВУКЛ        |                  |
| 2  | 2004             | 1 | 1  | 12                        | 26 | 29.3 | 0.2                 | 55.06          | 0.01                | 110.58         | 0.02                | 4           | 4                  | 10.0  | 3.3 | ВУКЛ        |                  |
| 3  | 2004             | 1 | 1  | 13                        | 0  | 43.4 | 0.4                 | 55.04          | 0.02                | 110.59         | 0.04                | 12          | 9                  | 7.6   | 2.0 | ВУКЛ        |                  |
| 4  | 2004             | 1 | 1  | 18                        | 25 | 35.4 | 0.3                 | 55.06          | 0.02                | 110.64         | 0.03                | 12          | 5                  | 8.5   | 2.5 | ВУКЛ        |                  |
| 5  | 2004             | 1 | 1  | 18                        | 57 | 50.1 | 0.5                 | 55.05          | 0.03                | 110.59         | 0.04                | 19          | 8                  | 7.9   | 2.2 | ВУКЛ        |                  |
| 6  | 2004             | 1 | 1  | 19                        | 4  | 21.1 | 0.3                 | 55.06          | 0.02                | 110.63         | 0.03                |             |                    | 7.7   | 2.1 | ВУКЛ        |                  |
| 7  | 2004             | 1 | 1  | 21                        | 38 | 6.9  | 0.3                 | 55.04          | 0.02                | 110.60         | 0.03                |             |                    | 8.7   | 2.6 | ВУКЛ        |                  |
| 8  | 2004             | 1 | 1  | 22                        | 49 | 7.1  | 0.8                 | 55.03          | 0.04                | 110.63         | 0.07                |             |                    | 8.1   | 2.3 | ВУКЛ        |                  |
| 9  | 2004             | 1 | 1  | 23                        | 39 | 35.5 | 0.3                 | 55.07          | 0.02                | 110.63         | 0.03                | 11          | 5                  | 9.0   | 2.8 | ВУКЛ        |                  |
| 10 | 2004             | 1 | 2  | 7                         | 38 | 37.3 | 0.6                 | 55.06          | 0.02                | 110.62         | 0.05                |             |                    | 8.7   | 2.6 | ВУКЛ        |                  |
| 11 | 2004             | 1 | 2  | 11                        | 33 | 13.2 | 0.3                 | 55.79          | 0.02                | 110.79         | 0.03                | 7           | 6                  | 7.8   | 2.1 | ВУКЛ        |                  |
| 12 | 2004             | 1 | 2  | 17                        | 11 | 45.3 | 0.2                 | 55.06          | 0.01                | 110.58         | 0.02                | 10          | 4                  | 9.8   | 3.2 | ВУКЛ        |                  |
| 13 | 2004             | 1 | 2  | 17                        | 30 | 30.9 | 0.7                 | 55.05          | 0.03                | 110.61         | 0.05                |             |                    | 8.0   | 2.2 | ВУКЛ        |                  |
| 14 | 2004             | 1 | 2  | 19                        | 2  | 46.1 | 0.5                 | 55.05          | 0.02                | 110.59         | 0.04                |             |                    | 8.1   | 2.3 | ВУКЛ        |                  |
| 15 | 2004             | 1 | 2  | 23                        | 38 | 35.4 | 0.3                 | 55.06          | 0.02                | 110.59         | 0.03                | 7           | 5                  | 10.0  | 3.3 | ВУКЛ        |                  |
| 16 | 2004             | 1 | 2  | 23                        | 41 | 12.2 | 0.7                 | 55.05          | 0.02                | 110.60         | 0.05                |             |                    | 7.7   | 2.1 | ВУКЛ        |                  |
| 17 | 2004             | 1 | 3  | 2                         | 23 | 42.1 | 0.3                 | 55.07          | 0.02                | 110.63         | 0.03                | 10          | 9                  | 8.1   | 2.3 | ВУКЛ        |                  |
| 18 | 2004             | 1 | 3  | 3                         | 41 | 22.5 | 0.2                 | 55.98          | 0.01                | 112.07         | 0.02                | 23          | 3                  | 9.2   | 2.9 | ВУКЛ        |                  |
| 19 | 2004             | 1 | 3  | 4                         | 2  | 27.7 | 0.7                 | 55.04          | 0.02                | 110.61         | 0.04                |             |                    | 7.8   | 2.1 | ВУКЛ        |                  |
| 20 | 2004             | 1 | 3  | 4                         | 37 | 17.3 | 0.3                 | 55.07          | 0.01                | 110.64         | 0.03                | 17          | 6                  | 8.2   | 2.3 | ВУКЛ        |                  |
| 21 | 2004             | 1 | 3  | 5                         | 8  | 16.0 | 0.2                 | 55.08          | 0.01                | 110.67         | 0.03                | 20          | 4                  | 8.5   | 2.5 | ВУКЛ        |                  |
| 22 | 2004             | 1 | 3  | 5                         | 39 | 26.8 | 0.2                 | 55.06          | 0.01                | 110.61         | 0.02                | 10          | 5                  | 9.1   | 2.8 | ВУКЛ        |                  |
| 23 | 2004             | 1 | 3  | 7                         | 23 | 8.8  | 0.3                 | 51.69          | 0.02                | 102.25         | 0.02                | 15          | 4                  | 9.7   | 3.2 | ВУКЛ        |                  |
| 24 | 2004             | 1 | 3  | 7                         | 28 | 2.7  | 0.4                 | 55.06          | 0.02                | 110.63         | 0.04                | 8           | 10                 | 7.6   | 2.0 | ВУКЛ        |                  |
| 25 | 2004             | 1 | 3  | 8                         | 22 | 20.3 | 0.4                 | 55.04          | 0.02                | 110.60         | 0.04                |             |                    | 7.8   | 2.1 | ВУКЛ        |                  |
| 26 | 2004             | 1 | 3  | 8                         | 33 | 10.6 | 0.3                 | 54.91          | 0.02                | 111.06         | 0.03                | 11          | 4                  | 8.1   | 2.3 | ВУКЛ        |                  |
| 27 | 2004             | 1 | 3  | 12                        | 19 | 54.4 | 0.4                 | 55.06          | 0.02                | 110.63         | 0.03                | 12          | 8                  | 8.4   | 2.4 | ВУКЛ        |                  |
| 28 | 2004             | 1 | 3  | 13                        | 39 | 22.6 | 0.3                 | 55.07          | 0.01                | 110.64         | 0.03                | 9           | 7                  | 8.5   | 2.5 | ВУКЛ        |                  |
| 29 | 2004             | 1 | 3  | 13                        | 47 | 57.7 | 0.3                 | 55.07          | 0.02                | 110.61         | 0.03                |             |                    | 8.4   | 2.4 | ВУКЛ        |                  |
| 30 | 2004             | 1 | 3  | 15                        | 30 | 11.1 | 0.3                 | 55.07          | 0.01                | 110.61         | 0.03                | 6           | 9                  | 8.5   | 2.5 | ВУКЛ        |                  |
| 31 | 2004             | 1 | 3  | 16                        | 54 | 14.5 | 0.3                 | 55.07          | 0.02                | 110.62         | 0.03                | 10          | 8                  | 7.8   | 2.1 | ВУКЛ        |                  |
| 32 | 2004             | 1 | 3  | 17                        | 50 | 38.5 | 0.3                 | 55.51          | 0.02                | 111.79         | 0.03                |             |                    | 8.0   | 2.2 | ВУКЛ        |                  |
| 33 | 2004             | 1 | 3  | 23                        | 58 | 59.5 | 0.4                 | 56.26          | 0.03                | 115.47         | 0.04                | 6           | 7                  | 8.8   | 2.7 | ВУКЛ        |                  |
| 34 | 2004             | 1 | 4  | 3                         | 35 | 31.4 | 0.4                 | 55.06          | 0.02                | 110.62         | 0.03                | 18          | 6                  | 7.6   | 2.0 | ВУКЛ        |                  |
| 35 | 2004             | 1 | 4  | 4                         | 52 | 19.8 | 0.4                 | 55.06          | 0.02                | 110.64         | 0.03                | 12          | 8                  | 8.4   | 2.4 | ВУКЛ        |                  |
| 36 | 2004             | 1 | 4  | 5                         | 32 | 39.2 | 0.2                 | 55.06          | 0.01                | 110.60         | 0.02                | 4           | 4                  | 10.7  | 3.7 | ВУКЛ        |                  |
| 37 | 2004             | 1 | 4  | 5                         | 33 | 53.9 | 0.4                 | 55.09          | 0.01                | 110.62         | 0.02                | 10          | 8                  | 8.2   | 2.3 | ВУКЛ        |                  |
| 38 | 2004             | 1 | 4  | 5                         | 51 | 3.9  | 0.4                 | 55.07          | 0.02                | 110.64         | 0.04                | 14          | 8                  | 7.7   | 2.1 | ВУКЛ        |                  |
| 39 | 2004             | 1 | 4  | 11                        | 2  | 42.3 | 0.3                 | 53.31          | 0.02                | 108.57         | 0.03                |             |                    | 8.6   | 2.6 | ВУКЛ        |                  |
| 40 | 2004             | 1 | 4  | 19                        | 2  | 46.0 | 0.4                 | 55.39          | 0.02                | 110.17         | 0.04                |             |                    | 8.1   | 2.3 | ВУКЛ        |                  |
| 41 | 2004             | 1 | 4  | 19                        | 21 | 44.3 | 0.3                 | 56.06          | 0.02                | 111.37         | 0.02                |             |                    | 9.9   | 3.3 | ВУКЛ        | 1                |
| 42 | 2004             | 1 | 5  | 3                         | 30 | 10.2 | 0.2                 | 55.06          | 0.02                | 110.58         | 0.03                | 7           | 5                  | 9.7   | 3.2 | ВУКЛ        |                  |
| 43 | 2004             | 1 | 6  | 19                        | 22 | 40.6 | 0.3                 | 55.08          | 0.02                | 110.62         | 0.03                | 10          | 7                  | 7.7   | 2.1 | ВУКЛ        |                  |
| 44 | 2004             | 1 | 6  | 19                        | 25 | 59.0 | 0.2                 | 55.05          | 0.01                | 110.59         | 0.02                | 14          | 6                  | 9.0   | 2.8 | ВУКЛ        |                  |
| 45 | 2004             | 1 | 6  | 19                        | 40 | 9.2  | 0.3                 | 55.07          | 0.02                | 110.61         | 0.03                | 12          | 7                  | 7.9   | 2.2 | ВУКЛ        |                  |
| 46 | 2004             | 1 | 6  | 20                        | 29 | 54.6 | 0.4                 | 55.09          | 0.02                | 110.62         | 0.04                | 14          | 8                  | 8.1   | 2.3 | ВУКЛ        |                  |
| 47 | 2004             | 1 | 7  | 18                        | 38 | 51.6 | 0.2                 | 55.05          | 0.01                | 110.61         | 0.02                | 12          | 4                  | 7.9   | 2.2 | ВУКЛ        |                  |
| 48 | 2004             | 1 | 7  | 19                        | 37 | 48.9 | 0.2                 | 55.06          | 0.02                | 110.57         | 0.02                | 6           | 5                  | 9.2   | 2.9 | ВУКЛ        |                  |
| 49 | 2004             | 1 | 7  | 20                        | 12 | 4.3  | 0.3                 | 55.07          | 0.02                | 110.63         | 0.03                | 10          | 7                  | 8.0   | 2.2 | ВУКЛ        |                  |
| 50 | 2004             | 1 | 7  | 20                        | 54 | 29.7 | 4.0                 | 48.00          | 0.17                | 115.96         | 0.14                |             |                    | 7.9   | 2.2 | ВУКЛ        |                  |
| 51 | 2004             | 1 | 8  | 13                        | 38 | 51.1 | 0.2                 | 55.05          | 0.01                | 110.59         | 0.02                | 5           | 4                  | 10.2  | 3.4 | ВУКЛ        |                  |
| 52 | 2004             | 1 | 8  | 16                        | 0  | 21.8 | 0.5                 | 56.53          | 0.03                | 113.19         | 0.05                |             |                    | 7.6   | 2.0 | ВУКЛ        |                  |
| 53 | 2004             | 1 | 8  | 17                        | 22 | 11.7 | 0.3                 | 53.74          | 0.02                | 109.07         | 0.03                |             |                    | 7.8   | 2.1 | ВУКЛ        |                  |
| 54 | 2004             | 1 | 8  | 21                        | 50 | 53.1 | 0.3                 | 55.49          | 0.02                | 111.10         | 0.03                | 15          | 4                  | 7.9   | 2.2 | ВУКЛ        |                  |
| 55 | 2004             | 1 | 9  | 13                        | 57 | 26.1 | 0.7                 | 52.65          | 0.03                | 107.87         | 0.04                |             |                    | 8.1   | 2.3 | ВУКЛ        |                  |
| 56 | 2004             | 1 | 9  | 15                        | 13 | 41.5 | 0.2                 | 55.43          | 0.01                | 111.52         | 0.03                |             |                    | 7.7   | 2.1 | ВУКЛ        |                  |
| 57 | 2004             | 1 | 9  | 19                        | 35 | 31.2 | 0.8                 | 52.84          | 0.03                | 106.84         | 0.04                | 18          | 10                 | 7.7   | 2.1 | ВУКЛ        |                  |
| 58 | 2004             | 1 | 11 | 3                         | 41 | 1.4  | 0.2                 | 53.12          | 0.02                | 108.20         | 0.02                | 13          | 5                  | 9.1   | 2.8 | ВУКЛ        |                  |
| 59 | 2004             | 1 | 11 | 7                         | 32 | 22.8 | 0.2                 | 56.33          | 0.02                | 115.51         | 0.02                | 10          | 4                  | 7.7   | 2.1 | ВУКЛ        |                  |

1 Кумора, Уоян – 2 балла.

| №   | Дата,<br>год м д |   |    | Время, $t_0$ ,<br>ч мин с |    |      | $\delta t_0$ ,<br>с | Гипоцентр      |                     |                |                     |             |                    | $K_p$ | M   | Код<br>сети | I,<br>примечание  |
|-----|------------------|---|----|---------------------------|----|------|---------------------|----------------|---------------------|----------------|---------------------|-------------|--------------------|-------|-----|-------------|-------------------|
|     |                  |   |    |                           |    |      |                     | $\varphi$ , °N | $\delta\varphi$ , ° | $\lambda$ , °E | $\delta\lambda$ , ° | $h$ ,<br>км | $\delta h$ ,<br>км |       |     |             |                   |
| 60  | 2004             | 1 | 13 | 7                         | 7  | 32.3 | 0.3                 | 56.04          | 0.02                | 114.82         | 0.03                | 1           | 7                  | 7.6   | 2.0 | BYKL        |                   |
| 61  | 2004             | 1 | 13 | 10                        | 26 | 28.9 | 0.5                 | 51.79          | 0.04                | 100.63         | 0.03                | 15          | 8                  | 7.6   | 2.0 | BYKL        |                   |
| 62  | 2004             | 1 | 13 | 22                        | 18 | 19.0 | 1.0                 | 48.01          | 0.04                | 103.04         | 0.05                |             |                    | 8.2   | 2.3 | BYKL        |                   |
| 63  | 2004             | 1 | 14 | 17                        | 52 | 33.3 | 0.7                 | 48.88          | 0.02                | 108.72         | 0.05                |             |                    | 8.7   | 2.6 | BYKL        |                   |
| 64  | 2004             | 1 | 16 | 21                        | 40 | 7.1  | 0.3                 | 55.07          | 0.01                | 110.63         | 0.02                | 17          | 5                  | 7.7   | 2.1 | BYKL        |                   |
| 65  | 2004             | 1 | 16 | 23                        | 44 | 1.9  | 1.2                 | 48.28          | 0.05                | 103.11         | 0.05                |             |                    | 8.5   | 2.5 | BYKL        |                   |
| 66  | 2004             | 1 | 17 | 5                         | 0  | 43.7 | 0.3                 | 55.28          | 0.02                | 113.34         | 0.03                | 9           | 7                  | 8.4   | 2.4 | BYKL        |                   |
| 67  | 2004             | 1 | 17 | 5                         | 17 | 58.9 | 0.5                 | 55.02          | 0.02                | 111.32         | 0.04                | 19          | 6                  | 8.0   | 2.2 | BYKL        |                   |
| 68  | 2004             | 1 | 17 | 7                         | 0  | 41.6 | 2.7                 | 52.96          | 0.08                | 119.68         | 0.16                |             |                    | 7.7   | 2.1 | BYKL        |                   |
| 69  | 2004             | 1 | 17 | 22                        | 9  | 13.2 | 0.6                 | 52.85          | 0.03                | 107.42         | 0.04                | 22          | 9                  | 7.7   | 2.1 | BYKL        |                   |
| 70  | 2004             | 1 | 18 | 3                         | 40 | 25.4 | 0.2                 | 54.35          | 0.01                | 111.37         | 0.02                | 12          | 10                 | 8.9   | 2.7 | BYKL        |                   |
| 71  | 2004             | 1 | 19 | 18                        | 19 | 42.8 | 0.7                 | 55.86          | 0.04                | 110.26         | 0.05                | 6           | 10                 | 7.7   | 2.1 | BYKL        |                   |
| 72  | 2004             | 1 | 19 | 23                        | 50 | 53.8 | 0.5                 | 51.89          | 0.03                | 100.15         | 0.03                |             |                    | 13.0  | 5.0 | BYKL        | 2                 |
| 73  | 2004             | 1 | 20 | 5                         | 31 | 58.5 | 0.3                 | 51.89          | 0.03                | 100.14         | 0.03                |             |                    | 8.1   | 2.3 | BYKL        |                   |
| 74  | 2004             | 1 | 20 | 7                         | 49 | 56.3 | 0.4                 | 51.89          | 0.03                | 99.26          | 0.03                |             |                    | 7.7   | 2.1 | BYKL        |                   |
| 75  | 2004             | 1 | 21 | 21                        | 24 | 24.4 | 0.4                 | 54.97          | 0.02                | 111.42         | 0.03                | 25          | 4                  | 7.6   | 2.0 | BYKL        |                   |
| 76  | 2004             | 1 | 22 | 9                         | 53 | 45.5 | 0.6                 | 51.90          | 0.05                | 100.14         | 0.05                |             |                    | 8.7   | 2.6 | BYKL        |                   |
| 77  | 2004             | 1 | 22 | 12                        | 12 | 16.0 | 0.5                 | 51.89          | 0.04                | 100.14         | 0.05                |             |                    | 8.4   | 2.4 | BYKL        |                   |
| 78  | 2004             | 1 | 22 | 20                        | 24 | 49.7 | 0.3                 | 54.35          | 0.02                | 111.39         | 0.04                |             |                    | 8.2   | 2.3 | BYKL        |                   |
| 79  | 2004             | 1 | 22 | 22                        | 15 | 1.2  | 0.3                 | 56.06          | 0.02                | 113.51         | 0.03                |             |                    | 9.2   | 2.9 | BYKL        |                   |
| 80  | 2004             | 1 | 24 | 13                        | 11 | 42.5 | 0.2                 | 51.98          | 0.02                | 105.57         | 0.02                |             |                    | 8.0   | 2.2 | BYKL        |                   |
| 81  | 2004             | 1 | 24 | 14                        | 18 | 23.7 | 0.2                 | 52.45          | 0.02                | 106.83         | 0.02                | 20          | 3                  | 10.6  | 3.7 | BYKL        | 3                 |
| 82  | 2004             | 1 | 25 | 23                        | 0  | 22.5 | 1.8                 | 57.05          | 0.11                | 119.30         | 0.08                |             |                    | 7.7   | 2.1 | BYKL        |                   |
| 83  | 2004             | 1 | 26 | 16                        | 3  | 49.6 | 0.7                 | 50.19          | 0.03                | 102.53         | 0.03                |             |                    | 9.9   | 3.3 | BYKL        |                   |
| 84  | 2004             | 1 | 27 | 16                        | 5  | 35.7 | 0.3                 | 55.59          | 0.02                | 109.78         | 0.03                | 16          | 4                  | 8.2   | 2.3 | BYKL        |                   |
| 85  | 2004             | 1 | 29 | 4                         | 28 | 13.1 | 0.4                 | 51.28          | 0.02                | 108.57         | 0.02                |             |                    | 8.8   | 2.7 | BYKL        | возможно<br>взрыв |
| 86  | 2004             | 1 | 29 | 7                         | 33 | 43.4 | 0.2                 | 54.47          | 0.01                | 108.90         | 0.02                |             |                    | 11.2  | 4.0 | BYKL        |                   |
| 87  | 2004             | 1 | 29 | 7                         | 38 | 1.1  | 0.5                 | 54.45          | 0.03                | 108.96         | 0.05                |             |                    | 8.3   | 2.4 | BYKL        |                   |
| 88  | 2004             | 1 | 29 | 9                         | 37 | 19.0 | 1.3                 | 57.09          | 0.07                | 118.80         | 0.10                | 11          | 10                 | 7.8   | 2.1 | BYKL        |                   |
| 89  | 2004             | 1 | 29 | 14                        | 43 | 49.2 | 0.4                 | 54.78          | 0.02                | 111.54         | 0.04                | 15          | 8                  | 7.7   | 2.1 | BYKL        |                   |
| 90  | 2004             | 1 | 30 | 10                        | 53 | 38.4 | 0.5                 | 48.44          | 0.03                | 101.99         | 0.03                |             |                    | 8.8   | 2.7 | BYKL        |                   |
| 91  | 2004             | 1 | 30 | 12                        | 24 | 15.8 | 0.2                 | 56.07          | 0.01                | 111.44         | 0.02                | 17          | 2                  | 8.2   | 2.3 | BYKL        |                   |
| 92  | 2004             | 1 | 31 | 15                        | 49 | 4.3  | 0.8                 | 49.16          | 0.04                | 103.97         | 0.03                |             |                    | 8.3   | 2.4 | BYKL        |                   |
| 93  | 2004             | 2 | 1  | 16                        | 15 | 20.7 | 0.3                 | 54.37          | 0.02                | 111.39         | 0.03                |             |                    | 8.1   | 2.3 | BYKL        |                   |
| 94  | 2004             | 2 | 2  | 3                         | 42 | 34.0 | 0.3                 | 56.62          | 0.02                | 118.02         | 0.03                | 2           | 7                  | 8.2   | 2.3 | BYKL        |                   |
| 95  | 2004             | 2 | 2  | 17                        | 22 | 29.0 | 0.4                 | 55.03          | 0.02                | 110.62         | 0.03                |             |                    | 8.5   | 2.5 | BYKL        |                   |
| 96  | 2004             | 2 | 2  | 20                        | 16 | 36.3 | 0.3                 | 54.79          | 0.02                | 111.54         | 0.03                | 10          | 6                  | 8.4   | 2.4 | BYKL        |                   |
| 97  | 2004             | 2 | 3  | 1                         | 8  | 18.0 | 2.0                 | 52.84          | 0.07                | 119.17         | 0.10                |             |                    | 7.7   | 2.1 | BYKL        |                   |
| 98  | 2004             | 2 | 3  | 9                         | 4  | 44.8 | 0.3                 | 54.94          | 0.02                | 111.72         | 0.03                | 8           | 6                  | 8.2   | 2.3 | BYKL        |                   |
| 99  | 2004             | 2 | 4  | 12                        | 25 | 44.9 | 0.3                 | 56.04          | 0.02                | 114.75         | 0.03                | 6           | 8                  | 7.6   | 2.0 | BYKL        |                   |
| 100 | 2004             | 2 | 4  | 14                        | 51 | 11.1 | 0.4                 | 56.03          | 0.03                | 114.74         | 0.03                | 6           | 9                  | 7.8   | 2.1 | BYKL        |                   |
| 101 | 2004             | 2 | 4  | 14                        | 51 | 47.9 | 0.3                 | 56.04          | 0.02                | 114.75         | 0.03                |             |                    | 8.3   | 2.4 | BYKL        |                   |
| 102 | 2004             | 2 | 4  | 22                        | 9  | 36.4 | 0.4                 | 56.04          | 0.03                | 113.86         | 0.04                |             |                    | 7.6   | 2.0 | BYKL        |                   |
| 103 | 2004             | 2 | 5  | 17                        | 43 | 34.4 | 1.8                 | 49.54          | 0.08                | 116.61         | 0.07                |             |                    | 8.1   | 2.3 | BYKL        |                   |
| 104 | 2004             | 2 | 5  | 23                        | 38 | 48.6 | 0.5                 | 56.14          | 0.03                | 113.22         | 0.04                |             |                    | 8.3   | 2.4 | BYKL        |                   |
| 105 | 2004             | 2 | 6  | 2                         | 22 | 52.1 | 0.4                 | 55.20          | 0.02                | 109.46         | 0.04                |             |                    | 7.6   | 2.0 | BYKL        |                   |
| 106 | 2004             | 2 | 6  | 16                        | 49 | 29.4 | 0.4                 | 52.29          | 0.03                | 109.02         | 0.03                |             |                    | 7.7   | 2.1 | BYKL        |                   |
| 107 | 2004             | 2 | 7  | 5                         | 3  | 24.7 | 0.4                 | 56.05          | 0.03                | 114.23         | 0.03                | 18          | 9                  | 8.5   | 2.5 | BYKL        |                   |
| 108 | 2004             | 2 | 7  | 19                        | 52 | 16.5 | 2.2                 | 48.94          | 0.09                | 108.68         | 0.07                |             |                    | 7.6   | 2.0 | BYKL        |                   |
| 109 | 2004             | 2 | 7  | 20                        | 9  | 15.7 | 0.2                 | 52.73          | 0.01                | 106.65         | 0.01                | 13          | 3                  | 7.6   | 2.0 | BYKL        |                   |
| 110 | 2004             | 2 | 8  | 11                        | 2  | 37.6 | 0.2                 | 51.53          | 0.02                | 104.70         | 0.02                | 18          | 3                  | 9.1   | 2.8 | BYKL        |                   |
| 111 | 2004             | 2 | 8  | 12                        | 50 | 51.8 | 0.3                 | 56.13          | 0.02                | 112.68         | 0.02                | 21          | 6                  | 9.1   | 2.8 | BYKL        |                   |
| 112 | 2004             | 2 | 8  | 15                        | 16 | 41.3 | 0.5                 | 50.52          | 0.02                | 102.67         | 0.02                |             |                    | 7.8   | 2.1 | BYKL        |                   |
| 113 | 2004             | 2 | 8  | 22                        | 48 | 26.2 | 0.3                 | 55.76          | 0.02                | 110.25         | 0.03                | 11          | 6                  | 7.6   | 2.0 | BYKL        |                   |
| 114 | 2004             | 2 | 10 | 20                        | 23 | 0.9  | 0.3                 | 54.57          | 0.02                | 110.99         | 0.04                | 24          | 5                  | 8.6   | 2.6 | BYKL        |                   |
| 115 | 2004             | 2 | 10 | 21                        | 58 | 8.3  | 0.6                 | 52.71          | 0.02                | 107.78         | 0.04                | 26          | 8                  | 7.8   | 2.1 | BYKL        |                   |
| 116 | 2004             | 2 | 11 | 3                         | 34 | 4.6  | 0.2                 | 52.87          | 0.02                | 108.02         | 0.02                |             |                    | 9.4   | 3.0 | BYKL        |                   |
| 117 | 2004             | 2 | 12 | 11                        | 27 | 16.7 | 0.2                 | 55.05          | 0.01                | 110.63         | 0.02                | 2           | 7                  | 8.0   | 2.2 | BYKL        |                   |
| 118 | 2004             | 2 | 12 | 11                        | 58 | 19.9 | 0.2                 | 55.06          | 0.01                | 110.61         | 0.02                | 12          | 5                  | 7.6   | 2.0 | BYKL        |                   |
| 119 | 2004             | 2 | 12 | 18                        | 15 | 10.8 | 0.2                 | 55.05          | 0.01                | 110.60         | 0.02                | 11          | 4                  | 9.8   | 3.2 | BYKL        |                   |
| 120 | 2004             | 2 | 12 | 21                        | 45 | 4.4  | 0.3                 | 55.05          | 0.02                | 110.60         | 0.03                | 8           | 6                  | 9.0   | 2.8 | BYKL        |                   |
| 121 | 2004             | 2 | 13 | 0                         | 21 | 49.5 | 0.3                 | 55.07          | 0.02                | 110.62         | 0.03                | 11          | 7                  | 8.2   | 2.3 | BYKL        |                   |
| 122 | 2004             | 2 | 13 | 1                         | 5  | 31.3 | 0.2                 | 55.06          | 0.01                | 110.62         | 0.02                | 4           | 6                  | 7.8   | 2.1 | BYKL        |                   |
| 123 | 2004             | 2 | 14 | 4                         | 45 | 44.5 | 0.3                 | 55.22          | 0.02                | 111.09         | 0.03                | 26          | 5                  | 8.0   | 2.2 | BYKL        |                   |
| 124 | 2004             | 2 | 15 | 17                        | 10 | 10.7 | 0.2                 | 56.36          | 0.02                | 113.91         | 0.02                | 7           | 5                  | 7.9   | 2.2 | BYKL        |                   |
| 125 | 2004             | 2 | 17 | 8                         | 41 | 19.0 | 0.5                 | 52.66          | 0.03                | 99.47          | 0.03                |             |                    | 8.8   | 2.7 | BYKL        |                   |
| 126 | 2004             | 2 | 18 | 0                         | 27 | 25.5 | 0.4                 | 56.10          | 0.02                | 113.46         | 0.03                | 12          | 7                  | 8.0   | 2.2 | BYKL        |                   |
| 127 | 2004             | 2 | 18 | 23                        | 30 | 6.0  | 0.4                 | 56.33          | 0.02                | 113.54         | 0.03                | 3           | 7                  | 8.2   | 2.3 | BYKL        |                   |

<sup>2</sup> Орлик, Хурга, Балакта – 5 баллов; Сорок – 4–5 баллов; Монды – 4 балла; Иркутск – 2–3 балла.

<sup>3</sup> Енхелук – 4 балла; Сухая – 3–4 балла; Еланцы, Улан-Удэ – 2 балла.

Каталоги землетрясений по различным регионам России

| №   | Дата,<br>год м д |   |    | Время, $t_0$ ,<br>ч мин с |    |      | $\delta t_0$ ,<br>с | Гипоцентр      |                     |                |                     |             | $K_p$ | M    | Код<br>сети | I,<br>примечание |                    |
|-----|------------------|---|----|---------------------------|----|------|---------------------|----------------|---------------------|----------------|---------------------|-------------|-------|------|-------------|------------------|--------------------|
|     |                  |   |    |                           |    |      |                     | $\varphi$ , °N | $\delta\varphi$ , ° | $\lambda$ , °E | $\delta\lambda$ , ° | $h$ ,<br>км |       |      |             |                  | $\delta h$ ,<br>км |
| 128 | 2004             | 2 | 19 | 3                         | 47 | 14.3 | 0.3                 | 53.25          | 0.02                | 109.22         | 0.03                |             |       | 7.9  | 2.2         | BYKL             |                    |
| 129 | 2004             | 2 | 20 | 9                         | 21 | 29.6 | 0.2                 | 53.09          | 0.02                | 108.02         | 0.03                |             |       | 9.0  | 2.8         | BYKL             |                    |
| 130 | 2004             | 2 | 21 | 14                        | 25 | 25.9 | 0.2                 | 56.22          | 0.01                | 114.31         | 0.02                | 19          | 4     | 7.9  | 2.2         | BYKL             |                    |
| 131 | 2004             | 2 | 21 | 15                        | 42 | 53.5 | 0.3                 | 53.64          | 0.02                | 108.28         | 0.02                | 23          | 4     | 8.8  | 2.7         | BYKL             |                    |
| 132 | 2004             | 2 | 21 | 22                        | 55 | 51.4 | 0.2                 | 53.18          | 0.01                | 107.99         | 0.02                |             |       | 7.8  | 2.1         | BYKL             |                    |
| 133 | 2004             | 2 | 22 | 1                         | 50 | 37.1 | 0.3                 | 53.66          | 0.02                | 108.24         | 0.03                | 24          | 5     | 7.8  | 2.1         | BYKL             |                    |
| 134 | 2004             | 2 | 22 | 13                        | 52 | 27.6 | 0.3                 | 54.67          | 0.02                | 110.90         | 0.04                | 14          | 6     | 8.0  | 2.2         | BYKL             |                    |
| 135 | 2004             | 2 | 23 | 0                         | 19 | 0.2  | 0.4                 | 52.27          | 0.02                | 106.45         | 0.02                | 30          | 4     | 8.4  | 2.4         | BYKL             |                    |
| 136 | 2004             | 2 | 23 | 0                         | 34 | 59.7 | 0.5                 | 56.39          | 0.03                | 112.70         | 0.03                |             |       | 9.9  | 3.3         | BYKL             |                    |
| 137 | 2004             | 2 | 23 | 15                        | 20 | 53.5 | 0.4                 | 54.79          | 0.02                | 111.57         | 0.04                | 6           | 10    | 7.6  | 2.0         | BYKL             |                    |
| 138 | 2004             | 2 | 23 | 22                        | 5  | 48.9 | 0.4                 | 54.80          | 0.02                | 111.52         | 0.04                | 10          | 7     | 7.9  | 2.2         | BYKL             |                    |
| 139 | 2004             | 2 | 23 | 22                        | 9  | 16.6 | 0.4                 | 54.79          | 0.03                | 111.54         | 0.04                | 10          | 9     | 7.8  | 2.1         | BYKL             |                    |
| 140 | 2004             | 2 | 25 | 6                         | 21 | 3.8  | 0.5                 | 55.27          | 0.03                | 113.28         | 0.04                | 17          | 10    | 9.0  | 2.8         | BYKL             |                    |
| 141 | 2004             | 2 | 25 | 10                        | 33 | 54.7 | 0.7                 | 51.25          | 0.04                | 108.52         | 0.04                |             |       | 8.9  | 2.7         | BYKL             | возможно<br>взрыв  |
| 142 | 2004             | 2 | 26 | 15                        | 39 | 9.3  | 0.2                 | 54.66          | 0.02                | 110.88         | 0.03                | 16          | 4     | 9.3  | 2.9         | BYKL             |                    |
| 143 | 2004             | 2 | 26 | 15                        | 42 | 57.7 | 0.5                 | 52.37          | 0.02                | 106.47         | 0.03                | 27          | 5     | 7.9  | 2.2         | BYKL             |                    |
| 144 | 2004             | 2 | 26 | 15                        | 52 | 15.4 | 0.3                 | 54.66          | 0.02                | 110.88         | 0.03                | 12          | 5     | 9.1  | 2.8         | BYKL             |                    |
| 145 | 2004             | 2 | 27 | 5                         | 43 | 18.7 | 0.9                 | 49.31          | 0.04                | 114.83         | 0.04                |             |       | 12.1 | 4.5         | BYKL             |                    |
| 146 | 2004             | 2 | 28 | 4                         | 27 | 1.6  | 0.3                 | 56.23          | 0.02                | 114.02         | 0.03                | 22          | 3     | 8.8  | 2.7         | BYKL             |                    |
| 147 | 2004             | 2 | 29 | 6                         | 53 | 25.2 | 0.3                 | 55.66          | 0.02                | 114.11         | 0.03                | 23          | 5     | 9.2  | 2.9         | BYKL             |                    |
| 148 | 2004             | 3 | 2  | 5                         | 45 | 27.1 | 0.3                 | 50.05          | 0.02                | 105.48         | 0.02                |             |       | 9.3  | 2.9         | BYKL             |                    |
| 149 | 2004             | 3 | 2  | 23                        | 45 | 50.7 | 0.3                 | 54.78          | 0.02                | 112.19         | 0.03                |             |       | 8.9  | 2.7         | BYKL             |                    |
| 150 | 2004             | 3 | 4  | 2                         | 39 | 51.1 | 0.4                 | 52.79          | 0.03                | 100.89         | 0.02                |             |       | 7.9  | 2.2         | BYKL             |                    |
| 151 | 2004             | 3 | 4  | 12                        | 26 | 51.8 | 1.0                 | 51.84          | 0.07                | 100.17         | 0.07                |             |       | 8.0  | 2.2         | BYKL             |                    |
| 152 | 2004             | 3 | 5  | 9                         | 41 | 41.1 | 0.6                 | 56.65          | 0.04                | 118.58         | 0.05                |             |       | 9.0  | 2.8         | BYKL             |                    |
| 153 | 2004             | 3 | 5  | 12                        | 4  | 41.2 | 0.3                 | 53.55          | 0.02                | 115.35         | 0.02                |             |       | 10.6 | 3.7         | BYKL             |                    |
| 154 | 2004             | 3 | 5  | 19                        | 40 | 58.6 | 0.2                 | 52.67          | 0.01                | 107.08         | 0.02                | 23          | 3     | 7.7  | 2.1         | BYKL             |                    |
| 155 | 2004             | 3 | 6  | 16                        | 51 | 17.5 | 0.3                 | 56.30          | 0.02                | 113.20         | 0.03                | 22          | 4     | 8.2  | 2.3         | BYKL             |                    |
| 156 | 2004             | 3 | 8  | 4                         | 34 | 55.7 | 0.3                 | 53.05          | 0.02                | 107.65         | 0.04                |             |       | 7.6  | 2.0         | BYKL             |                    |
| 157 | 2004             | 3 | 8  | 9                         | 27 | 25.9 | 0.2                 | 56.16          | 0.02                | 114.11         | 0.02                | 20          | 3     | 12.4 | 4.7         | BYKL             | 4                  |
| 158 | 2004             | 3 | 8  | 10                        | 29 | 47.0 | 0.2                 | 52.78          | 0.02                | 107.21         | 0.02                |             |       | 8.2  | 2.3         | BYKL             |                    |
| 159 | 2004             | 3 | 8  | 12                        | 53 | 29.3 | 0.3                 | 55.05          | 0.02                | 110.63         | 0.03                | 12          | 7     | 7.8  | 2.1         | BYKL             |                    |
| 160 | 2004             | 3 | 8  | 17                        | 57 | 26.6 | 0.6                 | 51.04          | 0.03                | 118.94         | 0.02                |             |       | 9.7  | 3.2         | BYKL             |                    |
| 161 | 2004             | 3 | 9  | 3                         | 28 | 21.5 | 0.5                 | 52.75          | 0.03                | 111.55         | 0.04                |             |       | 7.7  | 2.1         | BYKL             |                    |
| 162 | 2004             | 3 | 9  | 23                        | 46 | 8.0  | 0.3                 | 56.29          | 0.02                | 117.68         | 0.03                |             |       | 9.9  | 3.3         | BYKL             |                    |
| 163 | 2004             | 3 | 10 | 0                         | 42 | 59.6 | 0.3                 | 54.35          | 0.02                | 109.95         | 0.04                | 7           | 9     | 8.4  | 2.4         | BYKL             |                    |
| 164 | 2004             | 3 | 10 | 15                        | 46 | 39.5 | 0.3                 | 56.72          | 0.02                | 115.02         | 0.02                | 18          | 4     | 9.4  | 3.0         | BYKL             |                    |
| 165 | 2004             | 3 | 11 | 9                         | 39 | 6.6  | 0.3                 | 52.14          | 0.02                | 100.74         | 0.02                |             |       | 12.2 | 4.6         | BYKL             | 5                  |
| 166 | 2004             | 3 | 11 | 15                        | 6  | 4.7  | 0.5                 | 56.20          | 0.03                | 116.49         | 0.04                |             |       | 7.8  | 2.1         | BYKL             |                    |
| 167 | 2004             | 3 | 11 | 18                        | 39 | 51.4 | 0.4                 | 55.78          | 0.02                | 110.06         | 0.03                | 9           | 6     | 8.3  | 2.4         | BYKL             |                    |
| 168 | 2004             | 3 | 11 | 22                        | 41 | 42.2 | 0.4                 | 54.07          | 0.02                | 117.34         | 0.03                | 13          | 10    | 8.1  | 2.3         | BYKL             |                    |
| 169 | 2004             | 3 | 12 | 20                        | 49 | 49.6 | 0.4                 | 56.11          | 0.02                | 113.74         | 0.03                | 9           | 10    | 7.6  | 2.0         | BYKL             |                    |
| 170 | 2004             | 3 | 13 | 12                        | 34 | 43.0 | 0.5                 | 51.39          | 0.02                | 115.84         | 0.03                |             |       | 8.1  | 2.3         | BYKL             |                    |
| 171 | 2004             | 3 | 13 | 21                        | 2  | 36.1 | 0.5                 | 51.44          | 0.02                | 115.79         | 0.03                |             |       | 9.1  | 2.8         | BYKL             |                    |
| 172 | 2004             | 3 | 14 | 5                         | 16 | 1.9  | 0.4                 | 55.72          | 0.03                | 112.73         | 0.03                |             |       | 8.3  | 2.4         | BYKL             |                    |
| 173 | 2004             | 3 | 14 | 7                         | 42 | 30.9 | 0.5                 | 52.27          | 0.03                | 101.99         | 0.03                |             |       | 8.6  | 2.6         | BYKL             |                    |
| 174 | 2004             | 3 | 15 | 0                         | 6  | 28.4 | 0.4                 | 52.17          | 0.03                | 100.76         | 0.03                |             |       | 8.3  | 2.4         | BYKL             |                    |
| 175 | 2004             | 3 | 15 | 2                         | 29 | 4.4  | 0.2                 | 55.32          | 0.01                | 111.27         | 0.03                |             |       | 8.1  | 2.3         | BYKL             |                    |
| 176 | 2004             | 3 | 15 | 5                         | 30 | 15.7 | 0.9                 | 48.10          | 0.05                | 107.10         | 0.04                |             |       | 8.2  | 2.3         | BYKL             |                    |
| 177 | 2004             | 3 | 15 | 10                        | 45 | 30.6 | 0.2                 | 54.93          | 0.01                | 111.18         | 0.02                | 20          | 3     | 8.1  | 2.3         | BYKL             |                    |
| 178 | 2004             | 3 | 15 | 10                        | 45 | 36.5 | 0.4                 | 54.92          | 0.02                | 111.20         | 0.03                | 13          | 5     | 8.0  | 2.2         | BYKL             |                    |
| 179 | 2004             | 3 | 15 | 16                        | 39 | 29.3 | 0.3                 | 56.47          | 0.02                | 116.13         | 0.03                | 8           | 5     | 8.1  | 2.3         | BYKL             |                    |
| 180 | 2004             | 3 | 15 | 23                        | 17 | 28.8 | 0.2                 | 53.60          | 0.01                | 108.73         | 0.02                | 26          | 3     | 8.5  | 2.5         | BYKL             |                    |
| 181 | 2004             | 3 | 16 | 8                         | 56 | 3.6  | 0.2                 | 53.54          | 0.02                | 110.12         | 0.02                | 21          | 3     | 8.1  | 2.3         | BYKL             |                    |
| 182 | 2004             | 3 | 18 | 10                        | 34 | 9.9  | 0.3                 | 53.23          | 0.02                | 108.97         | 0.03                |             |       | 8.1  | 2.3         | BYKL             |                    |
| 183 | 2004             | 3 | 19 | 6                         | 57 | 15.8 | 0.5                 | 54.89          | 0.02                | 111.15         | 0.04                | 16          | 4     | 7.6  | 2.0         | BYKL             |                    |
| 184 | 2004             | 3 | 19 | 7                         | 24 | 24.5 | 0.4                 | 56.09          | 0.03                | 111.33         | 0.04                | 13          | 6     | 8.4  | 2.4         | BYKL             |                    |
| 185 | 2004             | 3 | 19 | 13                        | 57 | 35.9 | 0.5                 | 52.88          | 0.03                | 108.52         | 0.04                |             |       | 8.0  | 2.2         | BYKL             |                    |
| 186 | 2004             | 3 | 19 | 14                        | 28 | 18.2 | 0.4                 | 56.11          | 0.03                | 111.28         | 0.03                | 7           | 6     | 8.3  | 2.4         | BYKL             |                    |
| 187 | 2004             | 3 | 19 | 16                        | 49 | 45.7 | 0.3                 | 56.66          | 0.02                | 118.67         | 0.02                | 10          | 5     | 9.6  | 3.1         | BYKL             |                    |
| 188 | 2004             | 3 | 20 | 0                         | 49 | 6.3  | 0.3                 | 55.14          | 0.01                | 111.52         | 0.03                | 19          | 5     | 8.3  | 2.4         | BYKL             |                    |
| 189 | 2004             | 3 | 20 | 5                         | 8  | 31.8 | 0.3                 | 56.06          | 0.02                | 114.83         | 0.03                |             |       | 7.7  | 2.1         | BYKL             |                    |
| 190 | 2004             | 3 | 20 | 6                         | 24 | 4.5  | 7.0                 | 50.54          | 0.25                | 100.07         | 0.35                |             |       | 7.9  | 2.2         | BYKL             |                    |
| 191 | 2004             | 3 | 20 | 7                         | 25 | 18.9 | 0.9                 | 56.66          | 0.05                | 118.59         | 0.07                |             |       | 7.7  | 2.1         | BYKL             |                    |
| 192 | 2004             | 3 | 20 | 11                        | 56 | 38.1 | 0.4                 | 54.39          | 0.02                | 109.21         | 0.04                |             |       | 8.9  | 2.7         | BYKL             |                    |
| 193 | 2004             | 3 | 20 | 12                        | 57 | 8.3  | 0.4                 | 55.58          | 0.02                | 109.74         | 0.03                | 12          | 6     | 7.9  | 2.2         | BYKL             |                    |
| 194 | 2004             | 3 | 20 | 13                        | 6  | 31.9 | 0.3                 | 54.46          | 0.02                | 110.11         | 0.04                |             |       | 7.8  | 2.1         | BYKL             |                    |
| 195 | 2004             | 3 | 20 | 16                        | 53 | 45.4 | 0.4                 | 56.06          | 0.02                | 113.55         | 0.03                | 18          | 4     | 8.2  | 2.3         | BYKL             |                    |

<sup>4</sup> Северомуйск – 5 баллов; Мамакан – 4 балла; Неляты – 3–4 балла; Бодайбо – 2–3 балла.

<sup>5</sup> Монды, Сорок – 3–4 балла; Орлик – 2–3 балла; Иркутск – 2 балла.

| №   | Дата,<br>год м д |   |    | Время, $t_0$ ,<br>ч мин с |    |      | $\delta t_0$ ,<br>с | Гипоцентр      |                     |                |                     |             |                    | $K_p$ | M   | Код<br>сети | I,<br>примечание |
|-----|------------------|---|----|---------------------------|----|------|---------------------|----------------|---------------------|----------------|---------------------|-------------|--------------------|-------|-----|-------------|------------------|
|     |                  |   |    |                           |    |      |                     | $\varphi$ , °N | $\delta\varphi$ , ° | $\lambda$ , °E | $\delta\lambda$ , ° | $h$ ,<br>км | $\delta h$ ,<br>км |       |     |             |                  |
| 196 | 2004             | 3 | 20 | 22                        | 19 | 23.3 | 0.6                 | 51.90          | 0.04                | 101.19         | 0.03                |             |                    | 8.1   | 2.3 | BYKL        |                  |
| 197 | 2004             | 3 | 21 | 18                        | 48 | 27.2 | 0.2                 | 56.33          | 0.01                | 113.62         | 0.02                | 16          | 3                  | 7.7   | 2.1 | BYKL        |                  |
| 198 | 2004             | 3 | 22 | 3                         | 49 | 59.6 | 0.4                 | 56.68          | 0.03                | 118.64         | 0.03                | 16          | 5                  | 10.6  | 3.7 | BYKL        |                  |
| 199 | 2004             | 3 | 22 | 9                         | 23 | 59.0 | 0.2                 | 52.82          | 0.01                | 107.10         | 0.02                |             |                    | 7.7   | 2.1 | BYKL        |                  |
| 200 | 2004             | 3 | 22 | 9                         | 43 | 53.6 | 0.6                 | 52.68          | 0.02                | 106.93         | 0.04                |             |                    | 7.6   | 2.0 | BYKL        |                  |
| 201 | 2004             | 3 | 22 | 12                        | 32 | 40.8 | 0.3                 | 51.68          | 0.02                | 101.56         | 0.02                |             |                    | 8.7   | 2.6 | BYKL        |                  |
| 202 | 2004             | 3 | 24 | 19                        | 40 | 14.4 | 0.5                 | 56.44          | 0.03                | 112.81         | 0.05                |             |                    | 7.6   | 2.0 | BYKL        |                  |
| 203 | 2004             | 3 | 25 | 7                         | 19 | 22.1 | 0.3                 | 56.06          | 0.02                | 111.36         | 0.03                | 13          | 4                  | 8.1   | 2.3 | BYKL        |                  |
| 204 | 2004             | 3 | 25 | 17                        | 33 | 29.9 | 0.4                 | 56.11          | 0.02                | 111.31         | 0.03                | 19          | 5                  | 8.6   | 2.6 | BYKL        |                  |
| 205 | 2004             | 3 | 25 | 17                        | 51 | 58.4 | 0.4                 | 56.08          | 0.02                | 111.30         | 0.04                | 12          | 5                  | 7.8   | 2.1 | BYKL        |                  |
| 206 | 2004             | 3 | 26 | 20                        | 30 | 39.8 | 1.1                 | 51.63          | 0.05                | 102.09         | 0.05                |             |                    | 8.0   | 2.2 | BYKL        |                  |
| 207 | 2004             | 3 | 26 | 21                        | 39 | 21.1 | 0.5                 | 52.17          | 0.03                | 100.77         | 0.04                |             |                    | 7.9   | 2.2 | BYKL        |                  |
| 208 | 2004             | 3 | 27 | 10                        | 46 | 6.7  | 0.3                 | 53.18          | 0.02                | 107.98         | 0.03                |             |                    | 8.5   | 2.5 | BYKL        |                  |
| 209 | 2004             | 3 | 29 | 9                         | 56 | 22.3 | 0.7                 | 55.76          | 0.02                | 110.23         | 0.04                |             |                    | 7.8   | 2.1 | BYKL        |                  |
| 210 | 2004             | 3 | 29 | 20                        | 35 | 28.3 | 0.8                 | 50.16          | 0.06                | 109.99         | 0.06                |             |                    | 7.6   | 2.0 | BYKL        |                  |
| 211 | 2004             | 3 | 30 | 8                         | 3  | 36.5 | 0.3                 | 56.17          | 0.02                | 112.99         | 0.03                |             |                    | 8.5   | 2.5 | BYKL        |                  |
| 212 | 2004             | 3 | 31 | 6                         | 8  | 39.6 | 0.2                 | 53.68          | 0.02                | 108.29         | 0.02                | 16          | 5                  | 8.3   | 2.4 | BYKL        |                  |
| 213 | 2004             | 3 | 31 | 12                        | 32 | 8.3  | 0.2                 | 56.07          | 0.01                | 113.79         | 0.02                | 19          | 3                  | 7.7   | 2.1 | BYKL        |                  |
| 214 | 2004             | 4 | 2  | 9                         | 26 | 44.5 | 0.5                 | 55.42          | 0.03                | 111.29         | 0.05                |             |                    | 8.1   | 2.3 | BYKL        |                  |
| 215 | 2004             | 4 | 2  | 18                        | 54 | 6.7  | 0.4                 | 55.76          | 0.02                | 110.24         | 0.03                | 7           | 7                  | 7.8   | 2.1 | BYKL        |                  |
| 216 | 2004             | 4 | 3  | 0                         | 22 | 28.6 | 0.3                 | 56.22          | 0.02                | 113.26         | 0.03                | 22          | 3                  | 7.6   | 2.0 | BYKL        |                  |
| 217 | 2004             | 4 | 3  | 6                         | 25 | 33.3 | 0.5                 | 55.22          | 0.03                | 111.26         | 0.05                |             |                    | 8.0   | 2.2 | BYKL        |                  |
| 218 | 2004             | 4 | 3  | 15                        | 48 | 38.6 |                     | 55.33          | 10.2                | 113.49         | 16.4                | 20          |                    |       | 3.5 | OBN         |                  |
| 219 | 2004             | 4 | 4  | 1                         | 22 | 48.3 | 0.4                 | 53.94          | 0.02                | 109.16         | 0.03                |             |                    | 8.5   | 2.5 | BYKL        |                  |
| 220 | 2004             | 4 | 4  | 11                        | 7  | 28.6 | 0.7                 | 49.51          | 0.03                | 102.02         | 0.04                |             |                    | 7.9   | 2.2 | BYKL        |                  |
| 221 | 2004             | 4 | 4  | 15                        | 48 | 39.4 | 0.2                 | 55.37          | 0.02                | 113.50         | 0.03                | 19          | 3                  | 10.8  | 3.8 | BYKL        | 6                |
| 222 | 2004             | 4 | 5  | 5                         | 49 | 36.0 | 1.1                 | 57.01          | 0.05                | 119.90         | 0.07                |             |                    | 9.7   | 3.2 | BYKL        |                  |
| 223 | 2004             | 4 | 5  | 22                        | 18 | 40.0 | 0.4                 | 56.13          | 0.02                | 111.28         | 0.03                | 9           | 4                  | 8.8   | 2.7 | BYKL        |                  |
| 224 | 2004             | 4 | 6  | 2                         | 24 | 19.2 |                     | 55.73          | 8.1                 | 113.57         | 14                  | 16          |                    |       | 3.3 | OBN         |                  |
| 225 | 2004             | 4 | 6  | 17                        | 58 | 10.9 |                     | 52.95          | 40.9                | 106.85         | 99.9                | 32          |                    |       | 2.7 | OBN         |                  |
| 226 | 2004             | 4 | 6  | 21                        | 36 | 40.7 |                     | 54.92          | 18.5                | 117.00         | 25.1                | 14          |                    |       | 3.2 | OBN         |                  |
| 227 | 2004             | 4 | 7  | 2                         | 24 | 19.7 | 0.3                 | 55.72          | 0.02                | 113.59         | 0.03                | 15          | 5                  | 10.7  | 3.7 | BYKL        |                  |
| 228 | 2004             | 4 | 7  | 4                         | 43 | 55.9 | 0.3                 | 53.54          | 0.02                | 108.22         | 0.03                | 18          | 7                  | 7.9   | 2.2 | BYKL        |                  |
| 229 | 2004             | 4 | 7  | 7                         | 23 | 48.9 | 0.2                 | 52.34          | 0.01                | 106.32         | 0.02                | 23          | 3                  | 7.9   | 2.2 | BYKL        |                  |
| 230 | 2004             | 4 | 7  | 17                        | 58 | 10.9 | 0.3                 | 52.95          | 0.02                | 106.96         | 0.03                | 24          | 5                  | 9.5   | 3.1 | BYKL        | 7                |
| 231 | 2004             | 4 | 7  | 21                        | 36 | 41.2 | 0.5                 | 54.96          | 0.02                | 117.04         | 0.04                |             |                    | 9.7   | 3.2 | BYKL        |                  |
| 232 | 2004             | 4 | 8  | 10                        | 15 | 24.5 | 1.2                 | 56.11          | 0.05                | 101.96         | 0.05                |             |                    | 7.7   | 2.1 | BYKL        |                  |
| 233 | 2004             | 4 | 8  | 16                        | 30 | 14.2 | 0.6                 | 51.09          | 0.04                | 99.58          | 0.05                |             |                    | 8.0   | 2.2 | BYKL        |                  |
| 234 | 2004             | 4 | 8  | 16                        | 48 | 22.9 | 0.3                 | 55.07          | 0.02                | 112.49         | 0.03                | 18          | 8                  | 7.7   | 2.1 | BYKL        |                  |
| 235 | 2004             | 4 | 9  | 14                        | 21 | 1.2  | 0.3                 | 54.90          | 0.02                | 113.77         | 0.03                |             |                    | 7.9   | 2.2 | BYKL        |                  |
| 236 | 2004             | 4 | 10 | 3                         | 39 | 29.6 | 0.3                 | 52.64          | 0.02                | 106.92         | 0.02                | 9           | 5                  | 8.6   | 2.6 | BYKL        |                  |
| 237 | 2004             | 4 | 10 | 17                        | 41 | 51.5 | 0.4                 | 53.17          | 0.03                | 107.81         | 0.05                |             |                    | 7.9   | 2.2 | BYKL        |                  |
| 238 | 2004             | 4 | 11 | 13                        | 13 | 41.6 | 0.4                 | 51.95          | 0.02                | 106.18         | 0.02                | 28          | 4                  | 8.5   | 2.5 | BYKL        |                  |
| 239 | 2004             | 4 | 11 | 16                        | 21 | 0.7  | 0.6                 | 52.00          | 0.03                | 117.36         | 0.04                |             |                    | 8.2   | 2.3 | BYKL        |                  |
| 240 | 2004             | 4 | 12 | 3                         | 11 | 1.7  | 0.3                 | 52.05          | 0.02                | 102.61         | 0.02                | 22          | 4                  | 8.5   | 2.5 | BYKL        |                  |
| 241 | 2004             | 4 | 12 | 6                         | 15 | 49.2 | 2.0                 | 48.17          | 0.09                | 111.21         | 0.09                |             |                    | 7.7   | 2.1 | BYKL        |                  |
| 242 | 2004             | 4 | 13 | 0                         | 3  | 39.5 | 0.4                 | 55.85          | 0.02                | 110.36         | 0.03                |             |                    | 7.9   | 2.2 | BYKL        |                  |
| 243 | 2004             | 4 | 14 | 23                        | 5  | 59.8 | 0.3                 | 54.01          | 0.01                | 110.32         | 0.03                | 22          | 5                  | 7.8   | 2.1 | BYKL        |                  |
| 244 | 2004             | 4 | 15 | 5                         | 13 | 9.4  | 0.3                 | 54.75          | 0.02                | 110.99         | 0.04                | 10          | 6                  | 8.7   | 2.6 | BYKL        |                  |
| 245 | 2004             | 4 | 15 | 7                         | 57 | 36.7 | 0.6                 | 55.41          | 0.02                | 109.49         | 0.04                |             |                    | 7.8   | 2.1 | BYKL        |                  |
| 246 | 2004             | 4 | 15 | 18                        | 51 | 4.8  | 0.7                 | 52.76          | 0.07                | 99.61          | 0.04                |             |                    | 7.6   | 2.0 | BYKL        |                  |
| 247 | 2004             | 4 | 16 | 1                         | 47 | 41.6 | 0.5                 | 52.96          | 0.04                | 107.85         | 0.07                |             |                    | 8.6   | 2.6 | BYKL        |                  |
| 248 | 2004             | 4 | 17 | 16                        | 33 | 33.8 | 0.4                 | 51.70          | 0.03                | 102.21         | 0.02                | 24          | 6                  | 8.0   | 2.2 | BYKL        |                  |
| 249 | 2004             | 4 | 18 | 0                         | 46 | 14.8 | 0.3                 | 55.56          | 0.02                | 110.46         | 0.03                |             |                    | 7.8   | 2.1 | BYKL        |                  |
| 250 | 2004             | 4 | 19 | 11                        | 6  | 15.8 | 0.4                 | 49.13          | 0.02                | 99.23          | 0.03                |             |                    | 8.1   | 2.3 | BYKL        |                  |
| 251 | 2004             | 4 | 19 | 12                        | 26 | 21.5 | 0.4                 | 55.85          | 0.03                | 110.39         | 0.03                |             |                    | 9.0   | 2.8 | BYKL        |                  |
| 252 | 2004             | 4 | 20 | 0                         | 52 | 42.6 | 0.3                 | 55.57          | 0.02                | 110.46         | 0.03                |             |                    | 7.6   | 2.0 | BYKL        |                  |
| 253 | 2004             | 4 | 21 | 4                         | 19 | 23.3 | 0.5                 | 56.53          | 0.03                | 117.27         | 0.04                |             |                    | 10.0  | 3.3 | BYKL        |                  |
| 254 | 2004             | 4 | 21 | 23                        | 56 | 24.3 | 0.3                 | 53.80          | 0.02                | 109.09         | 0.03                |             |                    | 8.7   | 2.6 | BYKL        |                  |
| 255 | 2004             | 4 | 22 | 12                        | 35 | 54.9 | 0.3                 | 53.35          | 0.02                | 108.60         | 0.02                | 19          | 3                  | 7.7   | 2.1 | BYKL        |                  |
| 256 | 2004             | 4 | 23 | 11                        | 13 | 7.7  | 0.2                 | 53.58          | 0.01                | 108.44         | 0.02                |             |                    | 8.4   | 2.4 | BYKL        |                  |
| 257 | 2004             | 4 | 23 | 14                        | 7  | 29.9 | 0.5                 | 55.79          | 0.03                | 110.25         | 0.04                |             |                    | 7.6   | 2.0 | BYKL        |                  |
| 258 | 2004             | 4 | 23 | 15                        | 57 | 56.0 | 0.3                 | 56.21          | 0.02                | 117.83         | 0.03                |             |                    | 9.1   | 2.8 | BYKL        |                  |
| 259 | 2004             | 4 | 23 | 16                        | 12 | 42.3 | 0.3                 | 55.87          | 0.02                | 110.91         | 0.03                | 11          | 4                  | 8.0   | 2.2 | BYKL        |                  |
| 260 | 2004             | 4 | 24 | 16                        | 31 | 15.9 | 4.1                 | 49.89          | 0.17                | 119.62         | 0.14                |             |                    | 8.8   | 2.7 | BYKL        |                  |
| 261 | 2004             | 4 | 24 | 23                        | 29 | 58.2 | 0.3                 | 56.14          | 0.02                | 114.13         | 0.03                | 13          | 5                  | 8.1   | 2.3 | BYKL        |                  |
| 262 | 2004             | 4 | 26 | 8                         | 20 | 58.1 | 0.5                 | 52.73          | 0.04                | 99.49          | 0.03                |             |                    | 8.0   | 2.2 | BYKL        |                  |
| 263 | 2004             | 4 | 27 | 14                        | 41 | 42.5 | 0.3                 | 55.00          | 0.02                | 110.74         | 0.03                | 25          | 4                  | 8.1   | 2.3 | BYKL        |                  |
| 264 | 2004             | 4 | 29 | 13                        | 5  | 48.0 | 0.4                 | 56.16          | 0.02                | 112.53         | 0.03                | 25          | 6                  | 7.6   | 2.0 | BYKL        |                  |

<sup>6</sup> Уакит – 2 балла.

<sup>7</sup> Еланцы – 2–3 балла.

Каталоги землетрясений по различным регионам России

| №   | Дата,<br>год м д |   |    | Время, $t_0$ ,<br>ч мин с |    |      | $\delta t_0$ ,<br>с | Гипоцентр      |                     |                |                     |             |                    | $K_p$ | M   | Код<br>сети | I,<br>примечание |
|-----|------------------|---|----|---------------------------|----|------|---------------------|----------------|---------------------|----------------|---------------------|-------------|--------------------|-------|-----|-------------|------------------|
|     |                  |   |    |                           |    |      |                     | $\varphi$ , °N | $\delta\varphi$ , ° | $\lambda$ , °E | $\delta\lambda$ , ° | $h$ ,<br>км | $\delta h$ ,<br>км |       |     |             |                  |
| 265 | 2004             | 4 | 30 | 10                        | 22 | 45.5 | 0.3                 | 54.54          | 0.02                | 109.84         | 0.04                | 10          | 9                  | 8.8   | 2.7 | BYKL        |                  |
| 266 | 2004             | 4 | 30 | 21                        | 39 | 19.9 | 0.4                 | 55.75          | 0.02                | 110.18         | 0.03                | 18          | 5                  | 7.6   | 2.0 | BYKL        |                  |
| 267 | 2004             | 5 | 1  | 14                        | 42 | 32.4 | 0.4                 | 56.13          | 0.03                | 117.28         | 0.04                |             |                    | 7.9   | 2.2 | BYKL        |                  |
| 268 | 2004             | 5 | 1  | 16                        | 0  | 35.0 | 0.4                 | 52.72          | 0.02                | 108.67         | 0.03                |             |                    | 8.2   | 2.3 | BYKL        |                  |
| 269 | 2004             | 5 | 3  | 10                        | 54 | 32.1 | 0.3                 | 54.87          | 0.02                | 111.05         | 0.04                | 15          | 5                  | 7.8   | 2.1 | BYKL        |                  |
| 270 | 2004             | 5 | 3  | 22                        | 20 | 12.5 | 0.4                 | 52.19          | 0.02                | 106.48         | 0.03                | 27          | 5                  | 8.0   | 2.2 | BYKL        |                  |
| 271 | 2004             | 5 | 4  | 9                         | 16 | 20.3 | 0.4                 | 56.29          | 0.03                | 113.62         | 0.04                | 22          | 5                  | 7.6   | 2.0 | BYKL        |                  |
| 272 | 2004             | 5 | 4  | 10                        | 47 | 2.1  | 0.3                 | 49.81          | 0.01                | 107.03         | 0.03                |             |                    | 7.9   | 2.2 | BYKL        |                  |
| 273 | 2004             | 5 | 4  | 23                        | 54 | 47.3 | 0.4                 | 54.53          | 0.02                | 109.86         | 0.04                |             |                    | 7.6   | 2.0 | BYKL        |                  |
| 274 | 2004             | 5 | 5  | 4                         | 44 | 5.6  | 0.3                 | 55.78          | 0.02                | 110.23         | 0.03                | 9           | 6                  | 7.7   | 2.1 | BYKL        |                  |
| 275 | 2004             | 5 | 5  | 11                        | 34 | 17.2 | 0.4                 | 55.36          | 0.02                | 111.02         | 0.04                |             |                    | 7.6   | 2.0 | BYKL        |                  |
| 276 | 2004             | 5 | 5  | 16                        | 27 | 41.9 | 0.4                 | 55.84          | 0.03                | 110.40         | 0.04                |             |                    | 7.7   | 2.1 | BYKL        |                  |
| 277 | 2004             | 5 | 5  | 17                        | 46 | 32.0 | 0.2                 | 55.78          | 0.02                | 110.21         | 0.02                | 8           | 3                  | 11.0  | 3.9 | BYKL        | 8                |
| 278 | 2004             | 5 | 5  | 17                        | 49 | 34.6 | 1.1                 | 55.76          | 0.04                | 110.20         | 0.05                |             |                    | 8.4   | 2.4 | BYKL        |                  |
| 279 | 2004             | 5 | 5  | 19                        | 24 | 27.1 | 0.4                 | 49.46          | 0.02                | 107.07         | 0.04                |             |                    | 9.1   | 2.8 | BYKL        |                  |
| 280 | 2004             | 5 | 6  | 1                         | 6  | 43.0 | 0.6                 | 52.78          | 0.05                | 100.77         | 0.03                |             |                    | 7.6   | 2.0 | BYKL        |                  |
| 281 | 2004             | 5 | 6  | 13                        | 53 | 24.9 | 0.4                 | 55.03          | 0.02                | 110.71         | 0.03                |             |                    | 8.9   | 2.7 | BYKL        |                  |
| 282 | 2004             | 5 | 6  | 15                        | 52 | 13.5 | 0.2                 | 55.03          | 0.01                | 110.70         | 0.02                | 9           | 4                  | 8.7   | 2.6 | BYKL        |                  |
| 283 | 2004             | 5 | 6  | 16                        | 0  | 18.5 | 0.2                 | 55.04          | 0.02                | 110.72         | 0.02                |             |                    | 9.3   | 2.9 | BYKL        |                  |
| 284 | 2004             | 5 | 6  | 20                        | 4  | 2.0  | 0.3                 | 53.15          | 0.02                | 107.75         | 0.03                |             |                    | 9.2   | 2.9 | BYKL        |                  |
| 285 | 2004             | 5 | 6  | 23                        | 25 | 24.4 | 0.4                 | 53.69          | 0.02                | 108.23         | 0.02                | 17          | 6                  | 7.8   | 2.1 | BYKL        |                  |
| 286 | 2004             | 5 | 7  | 6                         | 39 | 45.2 | 0.3                 | 53.73          | 0.02                | 108.81         | 0.04                |             |                    | 7.8   | 2.1 | BYKL        |                  |
| 287 | 2004             | 5 | 9  | 9                         | 20 | 44.9 | 0.6                 | 55.28          | 0.03                | 112.99         | 0.04                | 21          | 8                  | 7.8   | 2.1 | BYKL        |                  |
| 288 | 2004             | 5 | 9  | 15                        | 16 | 49.2 | 0.5                 | 53.22          | 0.03                | 108.93         | 0.05                | 23          | 6                  | 8.0   | 2.2 | BYKL        |                  |
| 289 | 2004             | 5 | 9  | 20                        | 44 | 26.2 | 0.4                 | 56.35          | 0.02                | 112.75         | 0.03                |             |                    | 7.7   | 2.1 | BYKL        |                  |
| 290 | 2004             | 5 | 11 | 16                        | 36 | 33.4 | 0.2                 | 54.93          | 0.02                | 111.39         | 0.03                | 24          | 3                  | 9.4   | 3.0 | BYKL        |                  |
| 291 | 2004             | 5 | 11 | 17                        | 56 | 31.8 | 1.3                 | 48.50          | 0.05                | 103.32         | 0.05                |             |                    | 7.9   | 2.2 | BYKL        |                  |
| 292 | 2004             | 5 | 12 | 0                         | 19 | 30.8 | 0.7                 | 53.01          | 0.03                | 106.70         | 0.04                | 35          | 7                  | 7.6   | 2.0 | BYKL        |                  |
| 293 | 2004             | 5 | 13 | 17                        | 46 | 45.1 | 0.5                 | 51.78          | 0.03                | 100.94         | 0.03                | 10          | 7                  | 8.2   | 2.3 | BYKL        |                  |
| 294 | 2004             | 5 | 15 | 17                        | 24 | 22.7 | 0.6                 | 52.33          | 0.02                | 106.26         | 0.03                | 30          | 6                  | 7.6   | 2.0 | BYKL        |                  |
| 295 | 2004             | 5 | 16 | 3                         | 34 | 10.9 | 1.1                 | 48.04          | 0.06                | 103.23         | 0.06                |             |                    | 8.6   | 2.6 | BYKL        |                  |
| 296 | 2004             | 5 | 16 | 20                        | 0  | 58.5 | 0.3                 | 55.16          | 0.02                | 113.26         | 0.03                |             |                    | 10.1  | 3.4 | BYKL        |                  |
| 297 | 2004             | 5 | 17 | 11                        | 9  | 21.3 | 0.2                 | 55.17          | 0.02                | 113.22         | 0.02                | 15          | 4                  | 8.8   | 2.7 | BYKL        |                  |
| 298 | 2004             | 5 | 17 | 19                        | 42 | 23.2 | 0.5                 | 51.49          | 0.03                | 99.64          | 0.04                |             |                    | 8.2   | 2.3 | BYKL        |                  |
| 299 | 2004             | 5 | 17 | 23                        | 21 | 32.3 | 0.6                 | 52.82          | 0.07                | 99.03          | 0.03                |             |                    | 8.6   | 2.6 | BYKL        |                  |
| 300 | 2004             | 5 | 18 | 9                         | 35 | 20.7 | 0.8                 | 49.00          | 0.04                | 103.67         | 0.03                |             |                    | 9.9   | 3.3 | BYKL        |                  |
| 301 | 2004             | 5 | 20 | 2                         | 52 | 13.4 | 0.2                 | 55.19          | 0.02                | 113.20         | 0.02                | 10          | 5                  | 7.6   | 2.0 | BYKL        |                  |
| 302 | 2004             | 5 | 20 | 6                         | 11 | 15.1 | 0.2                 | 55.20          | 0.01                | 113.20         | 0.02                | 6           | 4                  | 8.0   | 2.2 | BYKL        |                  |
| 303 | 2004             | 5 | 20 | 6                         | 23 | 46.2 | 0.6                 | 50.07          | 0.03                | 99.92          | 0.02                |             |                    | 7.7   | 2.1 | BYKL        |                  |
| 304 | 2004             | 5 | 20 | 11                        | 42 | 22.9 | 0.2                 | 56.16          | 0.01                | 113.65         | 0.02                |             |                    | 7.7   | 2.1 | BYKL        |                  |
| 305 | 2004             | 5 | 22 | 15                        | 49 | 51.9 | 0.4                 | 56.09          | 0.02                | 111.26         | 0.03                | 5           | 6                  | 8.1   | 2.3 | BYKL        |                  |
| 306 | 2004             | 5 | 23 | 2                         | 32 | 56.7 | 0.7                 | 54.82          | 0.03                | 111.05         | 0.06                | 14          | 7                  | 7.7   | 2.1 | BYKL        |                  |
| 307 | 2004             | 5 | 24 | 7                         | 42 | 46.3 | 0.2                 | 55.50          | 0.01                | 111.32         | 0.02                | 19          | 3                  | 10.2  | 3.4 | BYKL        |                  |
| 308 | 2004             | 5 | 24 | 8                         | 0  | 17.4 | 0.6                 | 55.52          | 0.02                | 111.36         | 0.03                | 26          | 8                  | 7.7   | 2.1 | BYKL        |                  |
| 309 | 2004             | 5 | 24 | 10                        | 9  | 24.4 | 0.6                 | 52.37          | 0.02                | 106.11         | 0.03                | 29          | 7                  | 8.1   | 2.3 | BYKL        |                  |
| 310 | 2004             | 5 | 24 | 18                        | 31 | 38.8 | 0.3                 | 51.75          | 0.02                | 101.54         | 0.02                |             |                    | 9.1   | 2.8 | BYKL        |                  |
| 311 | 2004             | 5 | 25 | 1                         | 18 | 22.8 | 0.3                 | 53.68          | 0.02                | 109.06         | 0.03                |             |                    | 8.3   | 2.4 | BYKL        |                  |
| 312 | 2004             | 5 | 25 | 12                        | 36 | 54.5 | 0.6                 | 55.77          | 0.03                | 110.18         | 0.04                | 25          | 8                  | 8.6   | 2.6 | BYKL        |                  |
| 313 | 2004             | 5 | 25 | 14                        | 53 | 35.2 | 1.5                 | 55.72          | 0.04                | 120.59         | 0.12                |             |                    | 8.2   | 2.3 | BYKL        |                  |
| 314 | 2004             | 5 | 26 | 12                        | 37 | 41.3 | 0.2                 | 55.00          | 0.02                | 110.76         | 0.02                |             |                    | 9.3   | 2.9 | BYKL        |                  |
| 315 | 2004             | 5 | 26 | 23                        | 56 | 51.9 | 0.2                 | 54.12          | 0.01                | 111.44         | 0.02                |             |                    | 12.5  | 4.7 | BYKL        | 9                |
| 316 | 2004             | 5 | 27 | 0                         | 36 | 42.3 | 0.2                 | 54.12          | 0.01                | 111.43         | 0.02                |             |                    | 11.4  | 4.1 | BYKL        |                  |
| 317 | 2004             | 5 | 27 | 0                         | 40 | 8.3  | 0.2                 | 54.12          | 0.01                | 111.43         | 0.02                |             |                    | 7.9   | 2.2 | BYKL        |                  |
| 318 | 2004             | 5 | 27 | 1                         | 35 | 1.2  | 0.2                 | 54.13          | 0.01                | 111.41         | 0.02                |             |                    | 7.9   | 2.2 | BYKL        |                  |
| 319 | 2004             | 5 | 27 | 2                         | 54 | 28.9 | 0.2                 | 54.13          | 0.01                | 111.41         | 0.02                | 8           | 9                  | 7.8   | 2.1 | BYKL        |                  |
| 320 | 2004             | 5 | 27 | 7                         | 40 | 37.1 | 0.2                 | 54.11          | 0.01                | 111.41         | 0.02                |             |                    | 7.9   | 2.2 | BYKL        |                  |
| 321 | 2004             | 5 | 27 | 9                         | 5  | 3.4  | 0.3                 | 54.11          | 0.01                | 111.44         | 0.03                |             |                    | 9.0   | 2.8 | BYKL        |                  |
| 322 | 2004             | 5 | 28 | 18                        | 14 | 59.9 | 0.2                 | 54.13          | 0.01                | 111.43         | 0.02                |             |                    | 8.7   | 2.6 | BYKL        |                  |
| 323 | 2004             | 5 | 29 | 0                         | 22 | 29.0 | 0.3                 | 54.10          | 0.02                | 111.44         | 0.03                |             |                    | 8.4   | 2.4 | BYKL        |                  |
| 324 | 2004             | 5 | 29 | 7                         | 36 | 44.5 | 0.3                 | 54.88          | 0.02                | 111.27         | 0.03                | 27          | 3                  | 8.6   | 2.6 | BYKL        |                  |
| 325 | 2004             | 5 | 29 | 7                         | 49 | 44.7 | 0.3                 | 53.09          | 0.02                | 108.11         | 0.03                |             |                    | 7.8   | 2.1 | BYKL        |                  |
| 326 | 2004             | 5 | 30 | 0                         | 39 | 10.3 | 0.2                 | 54.12          | 0.01                | 111.42         | 0.02                |             |                    | 7.9   | 2.2 | BYKL        |                  |
| 327 | 2004             | 5 | 30 | 4                         | 13 | 21.4 | 0.2                 | 54.18          | 0.02                | 110.47         | 0.03                |             |                    | 9.9   | 3.3 | BYKL        |                  |
| 328 | 2004             | 5 | 30 | 14                        | 22 | 51.2 | 0.2                 | 54.13          | 0.01                | 111.44         | 0.02                | 7           | 10                 | 10.1  | 3.4 | BYKL        |                  |
| 329 | 2004             | 5 | 31 | 19                        | 11 | 21.0 | 0.2                 | 54.12          | 0.01                | 111.41         | 0.02                |             |                    | 8.1   | 2.3 | BYKL        |                  |
| 330 | 2004             | 6 | 1  | 3                         | 59 | 10.6 | 0.6                 | 51.99          | 0.04                | 105.54         | 0.04                |             |                    | 8.8   | 2.7 | BYKL        |                  |
| 331 | 2004             | 6 | 1  | 14                        | 8  | 41.5 | 0.4                 | 54.61          | 0.02                | 110.87         | 0.05                | 15          | 7                  | 8.2   | 2.3 | BYKL        |                  |
| 332 | 2004             | 6 | 2  | 10                        | 26 | 43.5 | 0.5                 | 56.49          | 0.03                | 113.83         | 0.05                | 19          | 8                  | 9.4   | 3.0 | BYKL        |                  |
| 333 | 2004             | 6 | 3  | 21                        | 1  | 51.3 | 0.5                 | 56.22          | 0.02                | 114.02         | 0.04                |             |                    | 7.8   | 2.1 | BYKL        |                  |

<sup>8</sup> Верхняя Заимка – 3–4 балла; Кичера – 3 балла.

<sup>9</sup> Суво – 3–4 балла; Улюхан – 2–3 балла.

| №   | Дата,<br>год м д |   |    | Время, $t_0$ ,<br>ч мин с |    |      | $\delta t_0$ ,<br>с | Гипоцентр      |                     |                |                     |          |                    | $K_p$ | M   | Код<br>сети | I,<br>примечание  |
|-----|------------------|---|----|---------------------------|----|------|---------------------|----------------|---------------------|----------------|---------------------|----------|--------------------|-------|-----|-------------|-------------------|
|     |                  |   |    |                           |    |      |                     | $\varphi$ , °N | $\delta\varphi$ , ° | $\lambda$ , °E | $\delta\lambda$ , ° | h,<br>км | $\delta h$ ,<br>км |       |     |             |                   |
| 334 | 2004             | 6 | 3  | 22                        | 53 | 33.0 | 0.4                 | 54.12          | 0.02                | 111.42         | 0.04                |          |                    | 8.1   | 2.3 | BYKL        |                   |
| 335 | 2004             | 6 | 4  | 14                        | 1  | 0.5  | 0.2                 | 54.14          | 0.01                | 111.44         | 0.02                | 11       | 9                  | 8.0   | 2.2 | BYKL        |                   |
| 336 | 2004             | 6 | 5  | 14                        | 53 | 49.7 | 0.3                 | 56.27          | 0.02                | 114.20         | 0.03                | 19       | 4                  | 7.7   | 2.1 | BYKL        |                   |
| 337 | 2004             | 6 | 5  | 17                        | 8  | 4.2  | 0.3                 | 55.56          | 0.02                | 109.54         | 0.03                | 3        | 6                  | 7.7   | 2.1 | BYKL        |                   |
| 338 | 2004             | 6 | 6  | 18                        | 19 | 14.5 | 1.5                 | 48.75          | 0.07                | 109.29         | 0.05                |          |                    | 7.9   | 2.2 | BYKL        |                   |
| 339 | 2004             | 6 | 6  | 23                        | 44 | 43.3 | 0.5                 | 54.14          | 0.03                | 111.45         | 0.05                |          |                    | 8.0   | 2.2 | BYKL        |                   |
| 340 | 2004             | 6 | 7  | 6                         | 47 | 20.7 | 0.3                 | 52.04          | 0.03                | 102.61         | 0.02                | 19       | 4                  | 8.5   | 2.5 | BYKL        |                   |
| 341 | 2004             | 6 | 9  | 1                         | 2  | 24.2 | 0.4                 | 55.46          | 0.02                | 111.44         | 0.04                |          |                    | 8.1   | 2.3 | BYKL        |                   |
| 342 | 2004             | 6 | 9  | 2                         | 58 | 14.8 | 0.3                 | 54.14          | 0.02                | 111.43         | 0.03                |          |                    | 10.4  | 3.6 | BYKL        |                   |
| 343 | 2004             | 6 | 10 | 6                         | 15 | 3.9  | 0.7                 | 52.68          | 0.05                | 106.03         | 0.06                | 18       | 8                  | 7.6   | 2.0 | BYKL        |                   |
| 344 | 2004             | 6 | 10 | 9                         | 39 | 6.3  | 0.4                 | 51.59          | 0.02                | 108.17         | 0.02                |          |                    | 9.9   | 3.3 | BYKL        |                   |
| 345 | 2004             | 6 | 10 | 21                        | 22 | 6.9  | 0.4                 | 54.32          | 0.02                | 111.51         | 0.04                |          |                    | 8.3   | 2.4 | BYKL        |                   |
| 346 | 2004             | 6 | 11 | 17                        | 10 | 46.7 | 0.4                 | 53.21          | 0.03                | 99.12          | 0.02                |          |                    | 7.8   | 2.1 | BYKL        |                   |
| 347 | 2004             | 6 | 13 | 17                        | 30 | 39.9 | 0.6                 | 51.88          | 0.03                | 100.37         | 0.04                | 14       | 11                 | 8.2   | 2.3 | BYKL        |                   |
| 348 | 2004             | 6 | 14 | 4                         | 30 | 58.8 | 0.5                 | 55.79          | 0.03                | 110.26         | 0.04                | 19       | 5                  | 8.1   | 2.3 | BYKL        |                   |
| 349 | 2004             | 6 | 14 | 10                        | 57 | 10.5 | 0.4                 | 56.03          | 0.03                | 114.81         | 0.03                | 7        | 8                  | 8.4   | 2.4 | BYKL        |                   |
| 350 | 2004             | 6 | 15 | 2                         | 15 | 22.5 | 0.5                 | 55.96          | 0.02                | 112.03         | 0.03                | 27       | 5                  | 7.6   | 2.0 | BYKL        |                   |
| 351 | 2004             | 6 | 15 | 15                        | 17 | 36.1 | 0.4                 | 51.86          | 0.03                | 101.17         | 0.02                | 20       | 6                  | 8.0   | 2.2 | BYKL        |                   |
| 352 | 2004             | 6 | 15 | 22                        | 59 | 19.0 | 0.5                 | 48.13          | 0.02                | 100.95         | 0.03                |          |                    | 8.2   | 2.3 | BYKL        |                   |
| 353 | 2004             | 6 | 16 | 20                        | 48 | 29.3 | 0.3                 | 51.15          | 0.01                | 103.38         | 0.02                |          |                    | 7.6   | 2.0 | BYKL        |                   |
| 354 | 2004             | 6 | 16 | 21                        | 49 | 34.9 | 0.3                 | 54.12          | 0.02                | 111.44         | 0.03                |          |                    | 7.7   | 2.1 | BYKL        |                   |
| 355 | 2004             | 6 | 17 | 20                        | 48 | 46.6 | 0.3                 | 56.72          | 0.02                | 118.16         | 0.03                | 13       | 4                  | 10.4  | 3.6 | BYKL        |                   |
| 356 | 2004             | 6 | 17 | 22                        | 1  | 2.7  | 0.2                 | 54.45          | 0.02                | 109.99         | 0.03                |          |                    | 11.3  | 4.1 | BYKL        | 10                |
| 357 | 2004             | 6 | 18 | 7                         | 32 | 58.1 | 0.8                 | 55.82          | 0.03                | 110.42         | 0.04                | 23       | 10                 | 8.3   | 2.4 | BYKL        | 11                |
| 358 | 2004             | 6 | 18 | 8                         | 52 | 48.6 | 0.2                 | 54.82          | 0.02                | 111.08         | 0.03                | 15       | 3                  | 9.7   | 3.2 | BYKL        | 11                |
| 359 | 2004             | 6 | 18 | 14                        | 4  | 29.4 | 0.3                 | 52.33          | 0.02                | 107.62         | 0.03                |          |                    | 8.4   | 2.4 | BYKL        | возможно<br>взрыв |
| 360 | 2004             | 6 | 18 | 22                        | 40 | 55.6 | 0.4                 | 54.15          | 0.02                | 111.43         | 0.05                |          |                    | 7.8   | 2.1 | BYKL        |                   |
| 361 | 2004             | 6 | 18 | 22                        | 41 | 15.9 | 0.7                 | 54.21          | 0.03                | 111.50         | 0.05                |          |                    | 7.6   | 2.0 | BYKL        |                   |
| 362 | 2004             | 6 | 19 | 10                        | 14 | 54.0 | 0.2                 | 52.66          | 0.02                | 99.46          | 0.01                |          |                    | 7.6   | 2.0 | BYKL        |                   |
| 363 | 2004             | 6 | 19 | 17                        | 27 | 31.3 | 0.3                 | 55.21          | 0.02                | 109.29         | 0.03                |          |                    | 8.2   | 2.3 | BYKL        |                   |
| 364 | 2004             | 6 | 20 | 0                         | 32 | 38.6 | 0.3                 | 54.13          | 0.02                | 111.41         | 0.02                |          |                    | 8.4   | 2.4 | BYKL        |                   |
| 365 | 2004             | 6 | 20 | 3                         | 10 | 20.1 | 0.4                 | 54.11          | 0.02                | 111.43         | 0.04                |          |                    | 8.9   | 2.7 | BYKL        |                   |
| 366 | 2004             | 6 | 23 | 0                         | 39 | 7.0  | 0.4                 | 54.47          | 0.02                | 110.21         | 0.05                |          |                    | 7.9   | 2.2 | BYKL        |                   |
| 367 | 2004             | 6 | 23 | 10                        | 52 | 34.5 | 0.8                 | 53.70          | 0.04                | 108.15         | 0.05                | 30       | 9                  | 7.6   | 2.0 | BYKL        |                   |
| 368 | 2004             | 6 | 24 | 3                         | 17 | 56.2 | 0.4                 | 55.21          | 0.02                | 110.66         | 0.03                | 19       | 7                  | 7.6   | 2.0 | BYKL        |                   |
| 369 | 2004             | 6 | 24 | 11                        | 49 | 3.4  | 0.3                 | 52.92          | 0.02                | 108.07         | 0.03                |          |                    | 9.0   | 2.8 | BYKL        |                   |
| 370 | 2004             | 6 | 25 | 18                        | 24 | 15.0 | 0.3                 | 51.34          | 0.03                | 102.32         | 0.02                |          |                    | 7.7   | 2.1 | BYKL        |                   |
| 371 | 2004             | 6 | 26 | 10                        | 21 | 41.0 | 0.5                 | 51.62          | 0.03                | 102.12         | 0.03                | 20       | 6                  | 9.5   | 3.1 | BYKL        |                   |
| 372 | 2004             | 6 | 26 | 15                        | 36 | 50.2 | 0.3                 | 55.22          | 0.02                | 112.80         | 0.03                |          |                    | 11.7  | 4.3 | BYKL        |                   |
| 373 | 2004             | 6 | 27 | 2                         | 1  | 22.6 | 0.4                 | 55.84          | 0.03                | 110.46         | 0.03                | 16       | 5                  | 9.4   | 3.0 | BYKL        |                   |
| 374 | 2004             | 6 | 28 | 4                         | 24 | 26.4 | 1.0                 | 52.31          | 0.03                | 106.50         | 0.06                | 25       | 9                  | 7.7   | 2.1 | BYKL        |                   |
| 375 | 2004             | 6 | 28 | 7                         | 6  | 8.4  | 0.3                 | 54.13          | 0.02                | 111.44         | 0.03                |          |                    | 8.6   | 2.6 | BYKL        |                   |
| 376 | 2004             | 6 | 28 | 14                        | 22 | 46.5 | 0.2                 | 56.68          | 0.02                | 117.97         | 0.02                | 17       | 3                  | 13.5  | 5.3 | BYKL        | 12                |
| 377 | 2004             | 6 | 28 | 15                        | 30 | 47.1 | 0.4                 | 56.70          | 0.03                | 117.97         | 0.03                | 21       | 6                  | 8.5   | 2.5 | BYKL        |                   |
| 378 | 2004             | 6 | 28 | 16                        | 55 | 28.6 | 0.5                 | 56.70          | 0.03                | 117.96         | 0.04                | 18       | 7                  | 8.6   | 2.6 | BYKL        |                   |
| 379 | 2004             | 6 | 28 | 17                        | 25 | 57.9 | 0.4                 | 56.70          | 0.03                | 117.94         | 0.03                | 17       | 5                  | 10.0  | 3.3 | BYKL        |                   |
| 380 | 2004             | 6 | 28 | 18                        | 58 | 32.8 | 0.3                 | 56.69          | 0.02                | 117.90         | 0.03                | 13       | 5                  | 8.5   | 2.5 | BYKL        |                   |
| 381 | 2004             | 6 | 29 | 3                         | 48 | 22.9 | 0.3                 | 56.07          | 0.02                | 111.33         | 0.03                | 13       | 4                  | 8.7   | 2.6 | BYKL        |                   |
| 382 | 2004             | 6 | 29 | 8                         | 49 | 24.1 | 1.2                 | 56.66          | 0.05                | 117.93         | 0.05                |          |                    | 7.6   | 2.0 | BYKL        |                   |
| 383 | 2004             | 6 | 29 | 9                         | 43 | 4.7  | 0.4                 | 56.68          | 0.03                | 117.92         | 0.03                | 12       | 9                  | 8.3   | 2.4 | BYKL        |                   |
| 384 | 2004             | 6 | 29 | 11                        | 27 | 43.5 | 0.3                 | 56.69          | 0.03                | 118.00         | 0.02                | 12       | 5                  | 10.6  | 3.7 | BYKL        |                   |
| 385 | 2004             | 6 | 30 | 0                         | 50 | 54.9 | 0.8                 | 51.20          | 0.05                | 104.81         | 0.03                | 15       |                    | 8.7   | 2.6 | BYKL        |                   |
| 386 | 2004             | 7 | 2  | 6                         | 32 | 53.9 | 0.5                 | 51.71          | 0.02                | 101.84         | 0.02                | 20       | 8                  | 7.7   | 2.1 | BYKL        |                   |
| 387 | 2004             | 7 | 2  | 12                        | 49 | 47.6 | 0.6                 | 53.80          | 0.02                | 108.18         | 0.04                | 35       | 8                  | 8.8   | 2.7 | BYKL        |                   |
| 388 | 2004             | 7 | 2  | 16                        | 1  | 55.8 | 0.3                 | 54.10          | 0.02                | 111.46         | 0.03                |          |                    | 7.9   | 2.2 | BYKL        |                   |
| 389 | 2004             | 7 | 3  | 0                         | 45 | 12.5 | 0.4                 | 56.49          | 0.03                | 117.81         | 0.03                | 17       | 10                 | 9.9   | 3.3 | BYKL        |                   |
| 390 | 2004             | 7 | 3  | 13                        | 1  | 55.3 | 0.5                 | 56.68          | 0.02                | 117.96         | 0.03                | 16       | 7                  | 7.7   | 2.1 | BYKL        |                   |
| 391 | 2004             | 7 | 3  | 13                        | 37 | 23.0 | 0.9                 | 56.69          | 0.04                | 117.95         | 0.05                |          |                    | 7.9   | 2.2 | BYKL        |                   |
| 392 | 2004             | 7 | 3  | 17                        | 22 | 5.4  | 0.3                 | 54.32          | 0.02                | 115.70         | 0.02                |          |                    | 8.9   | 2.7 | BYKL        |                   |
| 393 | 2004             | 7 | 3  | 23                        | 26 | 4.0  | 0.2                 | 55.02          | 0.02                | 112.10         | 0.02                |          |                    | 8.1   | 2.3 | BYKL        |                   |
| 394 | 2004             | 7 | 5  | 0                         | 17 | 34.7 | 0.4                 | 52.19          | 0.02                | 106.49         | 0.03                | 23       | 5                  | 7.7   | 2.1 | BYKL        |                   |
| 395 | 2004             | 7 | 6  | 2                         | 45 | 7.1  | 0.4                 | 56.06          | 0.03                | 111.32         | 0.03                | 11       | 5                  | 8.1   | 2.3 | BYKL        |                   |
| 396 | 2004             | 7 | 6  | 9                         | 28 | 3.6  | 0.3                 | 54.83          | 0.02                | 110.37         | 0.03                |          |                    | 7.6   | 2.0 | BYKL        |                   |
| 397 | 2004             | 7 | 6  | 14                        | 37 | 15.6 | 0.2                 | 56.38          | 0.02                | 113.41         | 0.02                | 20       | 2                  | 11.8  | 4.3 | BYKL        | 13                |
| 398 | 2004             | 7 | 6  | 15                        | 36 | 3.1  | 0.3                 | 55.33          | 0.02                | 110.88         | 0.03                |          |                    | 8.0   | 2.2 | BYKL        |                   |

<sup>10</sup> Суво – 3–4 балла.<sup>11</sup> Улюхан – 2 балла.<sup>12</sup> Новая Чара – 5–6 баллов; Бодайбо, Неляты – 3–4 балла; Чита – 2 балла.<sup>13</sup> Северомуйский туннель – 5–6 баллов; Северомуйск – 4–5 баллов; Таксимо – 3–4 балла; Бобайбо – 2 балла.

Каталоги землетрясений по различным регионам России

| №   | Дата,<br>год м д |   |    | Время, $t_0$ ,<br>ч мин с |    |      | $\delta t_0$ ,<br>с | Гипоцентр      |                     |                |                     |             |                    | $K_p$ | M   | Код<br>сети | I,<br>примечание  |
|-----|------------------|---|----|---------------------------|----|------|---------------------|----------------|---------------------|----------------|---------------------|-------------|--------------------|-------|-----|-------------|-------------------|
|     |                  |   |    |                           |    |      |                     | $\varphi$ , °N | $\delta\varphi$ , ° | $\lambda$ , °E | $\delta\lambda$ , ° | $h$ ,<br>км | $\delta h$ ,<br>км |       |     |             |                   |
| 399 | 2004             | 7 | 7  | 11                        | 20 | 36.3 | 1.0                 | 52.80          | 0.03                | 107.04         | 0.09                |             |                    | 8.1   | 2.3 | BYKL        |                   |
| 400 | 2004             | 7 | 7  | 15                        | 47 | 25.1 | 0.2                 | 56.05          | 0.02                | 111.32         | 0.02                | 11          | 3                  | 7.9   | 2.2 | BYKL        |                   |
| 401 | 2004             | 7 | 8  | 2                         | 53 | 43.5 | 0.3                 | 53.50          | 0.02                | 112.21         | 0.03                | 9           | 10                 | 8.7   | 2.6 | BYKL        |                   |
| 402 | 2004             | 7 | 8  | 7                         | 22 | 50.4 | 0.4                 | 53.44          | 0.03                | 108.00         | 0.05                | 21          | 8                  | 7.6   | 2.0 | BYKL        |                   |
| 403 | 2004             | 7 | 8  | 15                        | 13 | 27.6 | 0.4                 | 56.22          | 0.03                | 114.12         | 0.03                |             |                    | 7.9   | 2.2 | BYKL        |                   |
| 404 | 2004             | 7 | 8  | 21                        | 18 | 39.0 | 0.3                 | 56.04          | 0.03                | 111.34         | 0.03                | 12          | 4                  | 8.3   | 2.4 | BYKL        |                   |
| 405 | 2004             | 7 | 9  | 12                        | 43 | 7.9  | 0.4                 | 54.84          | 0.02                | 110.76         | 0.04                | 21          | 7                  | 8.1   | 2.3 | BYKL        |                   |
| 406 | 2004             | 7 | 9  | 13                        | 59 | 24.5 | 0.5                 | 52.04          | 0.03                | 103.33         | 0.03                |             |                    | 8.4   | 2.4 | BYKL        |                   |
| 407 | 2004             | 7 | 9  | 20                        | 2  | 40.5 | 0.3                 | 52.50          | 0.02                | 106.83         | 0.02                | 21          | 3                  | 9.2   | 2.9 | BYKL        |                   |
| 408 | 2004             | 7 | 10 | 2                         | 3  | 43.8 | 0.3                 | 56.67          | 0.02                | 117.99         | 0.02                | 12          | 4                  | 9.7   | 3.2 | BYKL        |                   |
| 409 | 2004             | 7 | 10 | 8                         | 16 | 37.4 | 5.9                 | 49.70          | 0.20                | 113.28         | 0.42                |             |                    | 7.6   | 2.0 | BYKL        |                   |
| 410 | 2004             | 7 | 11 | 11                        | 26 | 6.2  | 0.3                 | 56.65          | 0.02                | 117.92         | 0.03                | 12          | 6                  | 8.1   | 2.3 | BYKL        |                   |
| 411 | 2004             | 7 | 11 | 19                        | 55 | 44.4 | 0.3                 | 56.01          | 0.02                | 113.55         | 0.03                | 22          | 4                  | 8.4   | 2.4 | BYKL        |                   |
| 412 | 2004             | 7 | 12 | 6                         | 47 | 51.7 | 1.0                 | 53.42          | 0.05                | 107.60         | 0.07                | 31          | 10                 | 7.6   | 2.0 | BYKL        |                   |
| 413 | 2004             | 7 | 13 | 17                        | 15 | 22.8 | 0.4                 | 54.66          | 0.02                | 109.80         | 0.04                |             |                    | 8.3   | 2.4 | BYKL        |                   |
| 414 | 2004             | 7 | 13 | 17                        | 48 | 43.9 | 0.5                 | 55.86          | 0.03                | 110.47         | 0.04                | 13          | 8                  | 7.8   | 2.1 | BYKL        |                   |
| 415 | 2004             | 7 | 15 | 6                         | 43 | 45.3 | 0.4                 | 53.03          | 0.03                | 107.23         | 0.06                |             |                    | 8.6   | 2.6 | BYKL        |                   |
| 416 | 2004             | 7 | 15 | 9                         | 15 | 38.4 | 0.3                 | 54.74          | 0.02                | 107.71         | 0.02                |             |                    | 9.3   | 2.9 | BYKL        |                   |
| 417 | 2004             | 7 | 15 | 19                        | 57 | 16.6 | 0.4                 | 54.81          | 0.02                | 111.26         | 0.03                | 22          | 5                  | 8.0   | 2.2 | BYKL        |                   |
| 418 | 2004             | 7 | 16 | 4                         | 20 | 48.9 | 0.4                 | 53.06          | 0.02                | 108.90         | 0.04                |             |                    | 7.9   | 2.2 | BYKL        |                   |
| 419 | 2004             | 7 | 16 | 10                        | 39 | 14.1 | 0.3                 | 55.40          | 0.02                | 110.47         | 0.03                |             |                    | 7.8   | 2.1 | BYKL        |                   |
| 420 | 2004             | 7 | 16 | 15                        | 29 | 32.9 | 0.4                 | 56.06          | 0.02                | 111.31         | 0.03                | 15          | 4                  | 8.5   | 2.5 | BYKL        |                   |
| 421 | 2004             | 7 | 17 | 19                        | 9  | 2.6  | 0.3                 | 52.85          | 0.02                | 107.54         | 0.03                | 17          | 10                 | 8.9   | 2.7 | BYKL        |                   |
| 422 | 2004             | 7 | 19 | 10                        | 17 | 12.4 | 1.1                 | 56.00          | 0.04                | 113.60         | 0.07                |             |                    | 7.7   | 2.1 | BYKL        |                   |
| 423 | 2004             | 7 | 19 | 15                        | 36 | 4.7  | 0.3                 | 54.81          | 0.02                | 111.49         | 0.03                | 11          | 5                  | 7.9   | 2.2 | BYKL        |                   |
| 424 | 2004             | 7 | 19 | 15                        | 44 | 36.9 | 0.3                 | 54.66          | 0.02                | 109.80         | 0.03                |             |                    | 8.5   | 2.5 | BYKL        |                   |
| 425 | 2004             | 7 | 20 | 16                        | 26 | 0.1  | 0.2                 | 55.15          | 0.01                | 110.95         | 0.02                | 21          | 4                  | 8.5   | 2.5 | BYKL        |                   |
| 426 | 2004             | 7 | 21 | 18                        | 37 | 34.9 | 0.5                 | 54.11          | 0.02                | 111.45         | 0.05                |             |                    | 8.4   | 2.4 | BYKL        |                   |
| 427 | 2004             | 7 | 21 | 19                        | 18 | 3.5  | 0.3                 | 54.10          | 0.02                | 111.42         | 0.03                |             |                    | 8.2   | 2.3 | BYKL        |                   |
| 428 | 2004             | 7 | 21 | 23                        | 44 | 39.8 | 0.2                 | 54.14          | 0.01                | 111.41         | 0.03                |             |                    | 7.8   | 2.1 | BYKL        |                   |
| 429 | 2004             | 7 | 22 | 0                         | 5  | 26.4 | 0.3                 | 52.56          | 0.02                | 106.49         | 0.02                | 18          | 4                  | 8.4   | 2.4 | BYKL        |                   |
| 430 | 2004             | 7 | 22 | 12                        | 44 | 8.8  | 0.6                 | 53.23          | 0.04                | 108.04         | 0.04                |             |                    | 7.9   | 2.2 | BYKL        |                   |
| 431 | 2004             | 7 | 22 | 16                        | 12 | 45.8 | 0.5                 | 54.27          | 0.03                | 110.93         | 0.06                |             |                    | 8.2   | 2.3 | BYKL        |                   |
| 432 | 2004             | 7 | 22 | 19                        | 2  | 57.6 | 0.3                 | 56.34          | 0.02                | 113.36         | 0.03                | 19          | 4                  | 8.5   | 2.5 | BYKL        |                   |
| 433 | 2004             | 7 | 23 | 13                        | 53 | 10.4 | 0.3                 | 51.65          | 0.02                | 99.86          | 0.02                |             |                    | 8.0   | 2.2 | BYKL        |                   |
| 434 | 2004             | 7 | 23 | 20                        | 55 | 52.1 | 0.8                 | 55.39          | 0.03                | 108.45         | 0.07                |             |                    | 7.6   | 2.0 | BYKL        |                   |
| 435 | 2004             | 7 | 23 | 20                        | 58 | 24.4 | 0.4                 | 55.39          | 0.02                | 108.44         | 0.04                |             |                    | 8.5   | 2.5 | BYKL        |                   |
| 436 | 2004             | 7 | 24 | 7                         | 31 | 7.0  | 0.4                 | 54.25          | 0.02                | 110.47         | 0.04                |             |                    | 7.6   | 2.0 | BYKL        |                   |
| 437 | 2004             | 7 | 25 | 0                         | 33 | 51.4 | 0.5                 | 54.04          | 0.03                | 109.38         | 0.05                |             |                    | 8.0   | 2.2 | BYKL        |                   |
| 438 | 2004             | 7 | 25 | 17                        | 31 | 29.0 | 0.5                 | 55.23          | 0.02                | 111.00         | 0.04                | 29          | 6                  | 7.6   | 2.0 | BYKL        |                   |
| 439 | 2004             | 7 | 25 | 20                        | 28 | 34.9 | 0.7                 | 52.30          | 0.03                | 105.87         | 0.05                | 34          | 7                  | 8.2   | 2.3 | BYKL        |                   |
| 440 | 2004             | 7 | 26 | 0                         | 25 | 9.3  | 0.3                 | 56.69          | 0.02                | 117.86         | 0.02                | 11          | 5                  | 9.7   | 3.2 | BYKL        |                   |
| 441 | 2004             | 7 | 27 | 9                         | 55 | 1.8  | 0.5                 | 55.52          | 0.02                | 111.42         | 0.03                | 22          | 8                  | 7.8   | 2.1 | BYKL        |                   |
| 442 | 2004             | 7 | 27 | 17                        | 6  | 14.8 | 0.9                 | 55.77          | 0.03                | 110.27         | 0.04                |             |                    | 8.0   | 2.2 | BYKL        |                   |
| 443 | 2004             | 7 | 28 | 13                        | 55 | 21.2 | 0.5                 | 54.59          | 0.02                | 110.99         | 0.04                | 28          | 8                  | 7.9   | 2.2 | BYKL        |                   |
| 444 | 2004             | 7 | 29 | 6                         | 45 | 10.2 | 0.2                 | 56.42          | 0.01                | 118.16         | 0.02                |             |                    | 7.6   | 2.0 | BYKL        |                   |
| 445 | 2004             | 7 | 29 | 15                        | 24 | 52.5 | 0.9                 | 50.65          | 0.03                | 120.09         | 0.05                |             |                    | 7.9   | 2.2 | BYKL        |                   |
| 446 | 2004             | 7 | 30 | 2                         | 40 | 26.9 | 0.2                 | 53.29          | 0.02                | 108.62         | 0.02                | 23          | 3                  | 10.0  | 3.3 | BYKL        |                   |
| 447 | 2004             | 7 | 30 | 6                         | 25 | 54.1 | 0.3                 | 52.63          | 0.02                | 101.41         | 0.02                |             |                    | 7.6   | 2.0 | BYKL        |                   |
| 448 | 2004             | 7 | 30 | 9                         | 44 | 10.4 | 0.4                 | 53.28          | 0.02                | 108.66         | 0.03                | 30          | 4                  | 7.7   | 2.1 | BYKL        |                   |
| 449 | 2004             | 7 | 30 | 11                        | 27 | 5.1  | 0.5                 | 56.65          | 0.02                | 117.94         | 0.03                | 10          | 9                  | 8.3   | 2.4 | BYKL        |                   |
| 450 | 2004             | 7 | 31 | 4                         | 46 | 9.9  | 1.0                 | 53.94          | 0.04                | 111.85         | 0.09                |             |                    | 7.9   | 2.2 | BYKL        |                   |
| 451 | 2004             | 7 | 31 | 15                        | 53 | 46.0 | 0.6                 | 51.24          | 0.03                | 112.49         | 0.07                |             |                    | 7.7   | 2.1 | BYKL        |                   |
| 452 | 2004             | 7 | 31 | 21                        | 46 | 49.8 | 0.5                 | 56.04          | 0.03                | 113.80         | 0.04                |             |                    | 8.7   | 2.6 | BYKL        |                   |
| 453 | 2004             | 7 | 31 | 21                        | 49 | 40.2 | 0.3                 | 56.06          | 0.01                | 113.80         | 0.03                | 15          | 3                  | 9.6   | 3.1 | BYKL        |                   |
| 454 | 2004             | 8 | 1  | 13                        | 4  | 17.8 | 0.5                 | 55.42          | 0.03                | 110.46         | 0.05                |             |                    | 8.0   | 2.2 | BYKL        |                   |
| 455 | 2004             | 8 | 2  | 6                         | 55 | 8.5  | 2.5                 | 54.55          | 0.11                | 100.26         | 0.10                |             |                    | 7.9   | 2.2 | BYKL        |                   |
| 456 | 2004             | 8 | 2  | 21                        | 1  | 27.3 | 0.2                 | 56.08          | 0.02                | 111.32         | 0.02                | 15          | 3                  | 7.6   | 2.0 | BYKL        |                   |
| 457 | 2004             | 8 | 2  | 21                        | 35 | 59.3 | 0.3                 | 56.02          | 0.02                | 113.44         | 0.03                | 21          | 4                  | 7.9   | 2.2 | BYKL        |                   |
| 458 | 2004             | 8 | 3  | 1                         | 20 | 0.1  | 0.6                 | 55.43          | 0.03                | 110.46         | 0.05                |             |                    | 7.6   | 2.0 | BYKL        |                   |
| 459 | 2004             | 8 | 3  | 14                        | 6  | 44.3 | 2.1                 | 48.47          | 0.07                | 114.46         | 0.13                |             |                    | 8.6   | 2.6 | BYKL        |                   |
| 460 | 2004             | 8 | 3  | 18                        | 41 | 13.3 | 0.5                 | 51.14          | 0.03                | 99.49          | 0.04                |             |                    | 7.8   | 2.1 | BYKL        |                   |
| 461 | 2004             | 8 | 4  | 22                        | 24 | 55.1 | 0.7                 | 52.73          | 0.04                | 117.45         | 0.05                |             |                    | 7.6   | 2.0 | BYKL        |                   |
| 462 | 2004             | 8 | 5  | 7                         | 43 | 55.1 | 0.4                 | 54.53          | 0.02                | 110.91         | 0.03                | 24          | 6                  | 8.2   | 2.3 | BYKL        |                   |
| 463 | 2004             | 8 | 5  | 18                        | 26 | 36.5 | 0.2                 | 55.23          | 0.01                | 111.10         | 0.02                | 21          | 3                  | 8.1   | 2.3 | BYKL        |                   |
| 464 | 2004             | 8 | 5  | 18                        | 26 | 47.0 | 0.4                 | 55.24          | 0.01                | 111.09         | 0.02                | 23          | 6                  | 8.1   | 2.3 | BYKL        |                   |
| 465 | 2004             | 8 | 5  | 18                        | 27 | 12.4 | 0.4                 | 55.25          | 0.01                | 111.10         | 0.03                | 16          | 9                  | 8.0   | 2.2 | BYKL        |                   |
| 466 | 2004             | 8 | 5  | 22                        | 50 | 7.2  | 0.3                 | 54.13          | 0.02                | 111.40         | 0.03                |             |                    | 7.6   | 2.0 | BYKL        |                   |
| 467 | 2004             | 8 | 6  | 3                         | 12 | 21.2 | 0.2                 | 55.50          | 0.01                | 112.38         | 0.02                |             |                    | 8.2   | 2.3 | BYKL        |                   |
| 468 | 2004             | 8 | 6  | 9                         | 15 | 29.5 | 0.6                 | 55.05          | 0.02                | 107.44         | 0.05                |             |                    | 7.7   | 2.1 | BYKL        | возможно<br>взрыв |
| 469 | 2004             | 8 | 6  | 10                        | 13 | 16.5 | 0.3                 | 54.78          | 0.02                | 108.87         | 0.03                |             |                    | 11.2  | 4.0 | BYKL        |                   |
| 470 | 2004             | 8 | 6  | 15                        | 10 | 16.6 | 0.1                 | 51.68          | 0.01                | 103.96         | 0.01                | 11          | 2                  | 7.7   | 2.1 | BYKL        |                   |

| №   | Дата,<br>год м д |   |    | Время, $t_0$ ,<br>ч мин с |    |      | $\delta t_0$ ,<br>с | Гипоцентр      |                     |                |                     |             |                    | $K_p$ | $M$ | Код<br>сети | $I$ ,<br>примечание |
|-----|------------------|---|----|---------------------------|----|------|---------------------|----------------|---------------------|----------------|---------------------|-------------|--------------------|-------|-----|-------------|---------------------|
|     |                  |   |    |                           |    |      |                     | $\varphi$ , °N | $\delta\varphi$ , ° | $\lambda$ , °E | $\delta\lambda$ , ° | $h$ ,<br>км | $\delta h$ ,<br>км |       |     |             |                     |
| 471 | 2004             | 8 | 6  | 16                        | 10 | 48.0 | 0.3                 | 54.79          | 0.02                | 108.91         | 0.03                |             |                    | 11.6  | 4.2 | BYKL        |                     |
| 472 | 2004             | 8 | 6  | 20                        | 16 | 26.6 | 0.4                 | 55.85          | 0.02                | 110.51         | 0.03                | 16          | 6                  | 7.7   | 2.1 | BYKL        |                     |
| 473 | 2004             | 8 | 6  | 23                        | 21 | 52.3 | 2.1                 | 54.19          | 0.05                | 121.73         | 0.14                |             |                    | 7.7   | 2.1 | BYKL        |                     |
| 474 | 2004             | 8 | 7  | 0                         | 32 | 50.0 | 0.6                 | 55.01          | 0.03                | 110.64         | 0.05                | 26          | 7                  | 7.8   | 2.1 | BYKL        |                     |
| 475 | 2004             | 8 | 7  | 6                         | 42 | 27.6 | 0.2                 | 54.06          | 0.01                | 110.29         | 0.02                | 22          | 3                  | 7.9   | 2.2 | BYKL        |                     |
| 476 | 2004             | 8 | 7  | 9                         | 14 | 58.7 | 0.8                 | 54.31          | 0.07                | 121.93         | 0.04                |             |                    | 7.8   | 2.1 | BYKL        |                     |
| 477 | 2004             | 8 | 8  | 6                         | 45 | 58.0 | 0.2                 | 53.06          | 0.01                | 108.89         | 0.03                | 20          | 4                  | 8.8   | 2.7 | BYKL        |                     |
| 478 | 2004             | 8 | 8  | 9                         | 4  | 59.7 | 0.3                 | 51.74          | 0.02                | 105.30         | 0.02                | 30          | 4                  | 7.8   | 2.1 | BYKL        |                     |
| 479 | 2004             | 8 | 9  | 0                         | 10 | 19.6 | 0.3                 | 55.83          | 0.02                | 113.14         | 0.03                | 12          | 7                  | 8.0   | 2.2 | BYKL        |                     |
| 480 | 2004             | 8 | 9  | 9                         | 23 | 30.1 | 0.4                 | 54.92          | 0.02                | 109.30         | 0.04                |             |                    | 7.7   | 2.1 | BYKL        |                     |
| 481 | 2004             | 8 | 9  | 14                        | 50 | 31.9 | 0.5                 | 48.16          | 0.03                | 106.28         | 0.04                | 10          | 11                 | 8.5   | 2.5 | BYKL        |                     |
| 482 | 2004             | 8 | 9  | 15                        | 28 | 15.9 | 0.4                 | 52.32          | 0.03                | 101.66         | 0.03                |             |                    | 8.1   | 2.3 | BYKL        |                     |
| 483 | 2004             | 8 | 10 | 0                         | 54 | 25.7 | 0.2                 | 55.44          | 0.02                | 113.46         | 0.02                | 18          | 3                  | 8.3   | 2.4 | BYKL        |                     |
| 484 | 2004             | 8 | 10 | 2                         | 4  | 28.8 | 0.3                 | 56.06          | 0.03                | 111.33         | 0.03                | 15          | 4                  | 9.2   | 2.9 | BYKL        |                     |
| 485 | 2004             | 8 | 10 | 22                        | 9  | 47.9 | 0.4                 | 54.12          | 0.02                | 110.51         | 0.05                |             |                    | 8.0   | 2.2 | BYKL        |                     |
| 486 | 2004             | 8 | 10 | 23                        | 18 | 33.3 | 0.3                 | 56.09          | 0.02                | 111.29         | 0.03                | 10          | 4                  | 9.1   | 2.8 | BYKL        |                     |
| 487 | 2004             | 8 | 11 | 5                         | 49 | 22.6 | 0.3                 | 56.13          | 0.02                | 111.26         | 0.03                |             |                    | 8.9   | 2.7 | BYKL        |                     |
| 488 | 2004             | 8 | 11 | 17                        | 29 | 13.5 | 0.5                 | 54.43          | 0.03                | 117.62         | 0.04                |             |                    | 8.5   | 2.5 | BYKL        |                     |
| 489 | 2004             | 8 | 13 | 0                         | 46 | 29.9 | 0.4                 | 56.71          | 0.03                | 117.07         | 0.03                |             |                    | 7.6   | 2.0 | BYKL        |                     |
| 490 | 2004             | 8 | 13 | 1                         | 52 | 32.7 | 0.7                 | 55.87          | 0.04                | 110.75         | 0.05                | 15          | 9                  | 7.6   | 2.0 | BYKL        |                     |
| 491 | 2004             | 8 | 13 | 20                        | 40 | 49.7 | 0.2                 | 53.13          | 0.02                | 107.62         | 0.03                |             |                    | 9.3   | 2.9 | BYKL        |                     |
| 492 | 2004             | 8 | 14 | 15                        | 31 | 30.3 | 0.4                 | 56.14          | 0.03                | 113.19         | 0.03                | 23          | 5                  | 8.6   | 2.6 | BYKL        |                     |
| 493 | 2004             | 8 | 15 | 8                         | 6  | 47.9 | 0.3                 | 55.88          | 0.02                | 113.90         | 0.03                | 21          | 5                  | 7.9   | 2.2 | BYKL        |                     |
| 494 | 2004             | 8 | 16 | 14                        | 0  | 19.9 | 1.5                 | 48.58          | 0.05                | 115.43         | 0.08                |             |                    | 8.5   | 2.5 | BYKL        |                     |
| 495 | 2004             | 8 | 17 | 7                         | 14 | 13.5 | 0.4                 | 51.60          | 0.02                | 100.05         | 0.03                |             |                    | 9.1   | 2.8 | BYKL        |                     |
| 496 | 2004             | 8 | 17 | 8                         | 22 | 3.0  | 0.5                 | 51.61          | 0.03                | 99.97          | 0.04                |             |                    | 9.9   | 3.3 | BYKL        |                     |
| 497 | 2004             | 8 | 18 | 23                        | 33 | 6.5  | 0.6                 | 56.40          | 0.03                | 118.03         | 0.05                |             |                    | 8.5   | 2.5 | BYKL        |                     |
| 498 | 2004             | 8 | 19 | 10                        | 5  | 25.6 | 0.4                 | 53.32          | 0.02                | 108.55         | 0.03                |             |                    | 8.2   | 2.3 | BYKL        |                     |
| 499 | 2004             | 8 | 19 | 13                        | 47 | 42.8 | 0.5                 | 52.56          | 0.03                | 109.19         | 0.04                | 25          | 9                  | 8.0   | 2.2 | BYKL        |                     |
| 500 | 2004             | 8 | 19 | 15                        | 27 | 32.1 | 0.3                 | 52.57          | 0.02                | 109.17         | 0.03                |             |                    | 9.5   | 3.1 | BYKL        |                     |
| 501 | 2004             | 8 | 19 | 16                        | 5  | 27.9 | 0.6                 | 48.07          | 0.03                | 103.01         | 0.04                |             |                    | 7.8   | 2.1 | BYKL        |                     |
| 502 | 2004             | 8 | 19 | 16                        | 16 | 31.6 | 0.4                 | 52.58          | 0.03                | 109.24         | 0.04                |             |                    | 7.9   | 2.2 | BYKL        |                     |
| 503 | 2004             | 8 | 20 | 1                         | 2  | 12.1 | 0.3                 | 56.09          | 0.02                | 111.32         | 0.03                | 14          | 4                  | 7.9   | 2.2 | BYKL        |                     |
| 504 | 2004             | 8 | 21 | 10                        | 17 | 5.0  | 0.2                 | 56.02          | 0.02                | 114.79         | 0.02                |             |                    | 7.8   | 2.1 | BYKL        |                     |
| 505 | 2004             | 8 | 21 | 12                        | 4  | 23.8 | 0.8                 | 49.18          | 0.04                | 106.44         | 0.03                |             |                    | 8.0   | 2.2 | BYKL        |                     |
| 506 | 2004             | 8 | 22 | 21                        | 40 | 52.2 | 1.6                 | 49.67          | 0.07                | 115.95         | 0.10                |             |                    | 8.8   | 2.7 | BYKL        |                     |
| 507 | 2004             | 8 | 23 | 4                         | 50 | 0.9  | 0.7                 | 52.54          | 0.02                | 106.90         | 0.05                | 16          | 8                  | 7.6   | 2.0 | BYKL        |                     |
| 508 | 2004             | 8 | 23 | 11                        | 7  | 44.2 | 0.4                 | 54.87          | 0.03                | 110.17         | 0.05                |             |                    | 7.8   | 2.1 | BYKL        |                     |
| 509 | 2004             | 8 | 23 | 17                        | 47 | 23.3 | 1.0                 | 53.22          | 0.04                | 107.58         | 0.08                |             |                    | 8.2   | 2.3 | BYKL        |                     |
| 510 | 2004             | 8 | 24 | 15                        | 13 | 9.9  | 0.4                 | 48.05          | 0.02                | 104.44         | 0.03                |             |                    | 9.4   | 3.0 | BYKL        |                     |
| 511 | 2004             | 8 | 25 | 11                        | 32 | 27.6 | 2.0                 | 54.32          | 0.11                | 111.70         | 0.12                |             |                    | 7.6   | 2.0 | BYKL        |                     |
| 512 | 2004             | 8 | 25 | 22                        | 39 | 16.1 | 0.7                 | 50.54          | 0.03                | 103.36         | 0.06                |             |                    | 8.2   | 2.3 | BYKL        | возможно<br>взрыв   |
| 513 | 2004             | 8 | 27 | 19                        | 5  | 10.3 | 0.3                 | 55.78          | 0.02                | 110.28         | 0.03                | 7           | 5                  | 7.9   | 2.2 | BYKL        |                     |
| 514 | 2004             | 8 | 27 | 19                        | 24 | 55.7 | 0.3                 | 55.96          | 0.02                | 112.76         | 0.03                |             |                    | 8.1   | 2.3 | BYKL        |                     |
| 515 | 2004             | 8 | 27 | 22                        | 59 | 41.4 | 0.2                 | 55.97          | 0.02                | 112.75         | 0.02                | 14          | 9                  | 7.9   | 2.2 | BYKL        |                     |
| 516 | 2004             | 8 | 28 | 4                         | 42 | 16.3 | 0.6                 | 55.84          | 0.04                | 110.20         | 0.04                | 13          | 8                  | 7.6   | 2.0 | BYKL        |                     |
| 517 | 2004             | 8 | 28 | 8                         | 24 | 36.9 | 0.6                 | 54.43          | 0.04                | 117.60         | 0.05                |             |                    | 8.4   | 2.4 | BYKL        |                     |
| 518 | 2004             | 8 | 28 | 12                        | 24 | 9.5  | 0.5                 | 55.33          | 0.03                | 110.16         | 0.05                |             |                    | 7.7   | 2.1 | BYKL        |                     |
| 519 | 2004             | 8 | 28 | 13                        | 16 | 21.1 | 0.6                 | 55.33          | 0.03                | 110.14         | 0.05                |             |                    | 7.7   | 2.1 | BYKL        |                     |
| 520 | 2004             | 8 | 29 | 3                         | 6  | 0.5  | 0.4                 | 55.08          | 0.01                | 110.58         | 0.03                | 25          | 7                  | 7.8   | 2.1 | BYKL        |                     |
| 521 | 2004             | 8 | 29 | 15                        | 6  | 54.9 | 0.3                 | 55.34          | 0.02                | 110.14         | 0.03                |             |                    | 9.2   | 2.9 | BYKL        |                     |
| 522 | 2004             | 8 | 30 | 1                         | 28 | 54.5 | 0.3                 | 49.89          | 0.01                | 107.33         | 0.04                |             |                    | 8.4   | 2.4 | BYKL        |                     |
| 523 | 2004             | 8 | 30 | 19                        | 42 | 27.5 | 0.5                 | 52.32          | 0.02                | 106.39         | 0.03                | 24          | 6                  | 7.6   | 2.0 | BYKL        |                     |
| 524 | 2004             | 8 | 30 | 22                        | 47 | 25.4 | 0.3                 | 52.07          | 0.03                | 105.64         | 0.02                |             |                    | 8.1   | 2.3 | BYKL        |                     |
| 525 | 2004             | 8 | 31 | 5                         | 58 | 46.2 | 0.7                 | 49.21          | 0.04                | 102.11         | 0.07                |             |                    | 7.6   | 2.0 | BYKL        |                     |
| 526 | 2004             | 9 | 1  | 15                        | 14 | 12.3 | 0.3                 | 52.88          | 0.02                | 107.17         | 0.03                |             |                    | 7.9   | 2.2 | BYKL        |                     |
| 527 | 2004             | 9 | 2  | 1                         | 41 | 2.2  | 0.6                 | 55.83          | 0.03                | 110.32         | 0.05                |             |                    | 7.7   | 2.1 | BYKL        |                     |
| 528 | 2004             | 9 | 2  | 14                        | 58 | 10.0 | 0.3                 | 53.29          | 0.02                | 107.48         | 0.03                | 28          | 4                  | 8.3   | 2.4 | BYKL        |                     |
| 529 | 2004             | 9 | 3  | 13                        | 55 | 10.0 | 0.2                 | 52.64          | 0.01                | 107.02         | 0.02                | 14          | 3                  | 7.9   | 2.2 | BYKL        |                     |
| 530 | 2004             | 9 | 4  | 20                        | 15 | 29.2 | 0.5                 | 54.13          | 0.02                | 111.44         | 0.05                |             |                    | 7.6   | 2.0 | BYKL        |                     |
| 531 | 2004             | 9 | 5  | 1                         | 31 | 44.6 | 0.6                 | 55.56          | 0.02                | 111.63         | 0.03                | 20          | 10                 | 7.6   | 2.0 | BYKL        |                     |
| 532 | 2004             | 9 | 5  | 13                        | 7  | 12.7 | 0.3                 | 53.11          | 0.02                | 107.89         | 0.04                |             |                    | 8.2   | 2.3 | BYKL        |                     |
| 533 | 2004             | 9 | 5  | 14                        | 58 | 19.4 | 0.3                 | 52.30          | 0.01                | 106.41         | 0.02                | 24          | 3                  | 7.7   | 2.1 | BYKL        |                     |
| 534 | 2004             | 9 | 6  | 5                         | 41 | 47.3 | 1.2                 | 51.83          | 0.06                | 101.57         | 0.05                |             |                    | 7.8   | 2.1 | BYKL        |                     |
| 535 | 2004             | 9 | 6  | 17                        | 54 | 50.3 | 0.5                 | 52.45          | 0.04                | 100.66         | 0.03                |             |                    | 8.6   | 2.6 | BYKL        |                     |
| 536 | 2004             | 9 | 6  | 20                        | 54 | 36.2 | 0.3                 | 55.41          | 0.02                | 110.46         | 0.03                |             |                    | 8.2   | 2.3 | BYKL        |                     |
| 537 | 2004             | 9 | 7  | 0                         | 6  | 36.1 | 0.3                 | 53.80          | 0.02                | 109.96         | 0.03                | 24          | 3                  | 8.5   | 2.5 | BYKL        |                     |
| 538 | 2004             | 9 | 7  | 6                         | 30 | 48.3 | 0.4                 | 55.97          | 0.03                | 112.74         | 0.03                | 5           | 8                  | 8.8   | 2.7 | BYKL        |                     |
| 539 | 2004             | 9 | 9  | 6                         | 32 | 24.9 | 1.1                 | 51.70          | 0.06                | 102.06         | 0.04                |             |                    | 7.6   | 2.0 | BYKL        |                     |
| 540 | 2004             | 9 | 10 | 7                         | 52 | 2.9  | 0.4                 | 56.51          | 0.03                | 117.47         | 0.03                |             |                    | 7.6   | 2.0 | BYKL        |                     |
| 541 | 2004             | 9 | 10 | 8                         | 29 | 57.2 | 0.3                 | 54.09          | 0.02                | 111.07         | 0.03                |             |                    | 8.5   | 2.5 | BYKL        |                     |
| 542 | 2004             | 9 | 11 | 0                         | 27 | 38.2 | 0.9                 | 53.03          | 0.05                | 100.86         | 0.04                |             |                    | 7.6   | 2.0 | BYKL        |                     |



Каталоги землетрясений по различным регионам России

| №   | Дата,<br>год м д |    |    | Время, $t_0$ ,<br>ч мин с |    |      | $\delta t_0$ ,<br>с | Гипоцентр      |                     |                |                     |             | $K_p$ | M    | Код<br>сети | I,<br>примечание |                    |
|-----|------------------|----|----|---------------------------|----|------|---------------------|----------------|---------------------|----------------|---------------------|-------------|-------|------|-------------|------------------|--------------------|
|     |                  |    |    |                           |    |      |                     | $\varphi$ , °N | $\delta\varphi$ , ° | $\lambda$ , °E | $\delta\lambda$ , ° | $h$ ,<br>км |       |      |             |                  | $\delta h$ ,<br>км |
| 543 | 2004             | 9  | 11 | 2                         | 23 | 57.0 | 1.1                 | 53.08          | 0.06                | 100.93         | 0.04                |             |       | 7.7  | 2.1         | BYKL             |                    |
| 544 | 2004             | 9  | 11 | 17                        | 30 | 53.3 | 0.5                 | 56.41          | 0.03                | 112.79         | 0.03                |             |       | 7.6  | 2.0         | BYKL             |                    |
| 545 | 2004             | 9  | 11 | 20                        | 8  | 42.6 | 0.4                 | 56.01          | 0.03                | 112.74         | 0.03                |             |       | 7.6  | 2.0         | BYKL             |                    |
| 546 | 2004             | 9  | 12 | 15                        | 26 | 19.1 | 0.4                 | 54.88          | 0.02                | 111.43         | 0.03                | 12          | 5     | 7.7  | 2.1         | BYKL             |                    |
| 547 | 2004             | 9  | 13 | 2                         | 38 | 3.4  | 0.4                 | 54.86          | 0.02                | 111.44         | 0.04                | 10          | 6     | 8.2  | 2.3         | BYKL             |                    |
| 548 | 2004             | 9  | 13 | 6                         | 42 | 36.9 | 0.5                 | 51.66          | 0.03                | 99.53          | 0.04                |             |       | 8.8  | 2.7         | BYKL             |                    |
| 549 | 2004             | 9  | 13 | 7                         | 1  | 41.4 | 0.3                 | 50.82          | 0.01                | 103.93         | 0.02                |             |       | 11.8 | 4.3         | BYKL             | 14                 |
| 550 | 2004             | 9  | 13 | 12                        | 45 | 37.4 | 2.2                 | 48.73          | 0.08                | 116.61         | 0.11                |             |       | 8.0  | 2.2         | BYKL             |                    |
| 551 | 2004             | 9  | 13 | 14                        | 29 | 17.5 | 0.3                 | 54.87          | 0.02                | 111.44         | 0.03                | 13          | 5     | 7.9  | 2.2         | BYKL             |                    |
| 552 | 2004             | 9  | 13 | 23                        | 17 | 5.5  | 0.6                 | 55.09          | 0.03                | 109.38         | 0.06                |             |       | 7.6  | 2.0         | BYKL             |                    |
| 553 | 2004             | 9  | 14 | 16                        | 21 | 6.0  | 0.3                 | 54.85          | 0.02                | 111.44         | 0.03                | 11          | 4     | 7.6  | 2.0         | BYKL             |                    |
| 554 | 2004             | 9  | 15 | 17                        | 29 | 7.8  | 0.3                 | 51.84          | 0.02                | 105.37         | 0.02                | 23          | 6     | 8.8  | 2.7         | BYKL             |                    |
| 555 | 2004             | 9  | 16 | 3                         | 48 | 59.2 | 0.3                 | 56.65          | 0.02                | 117.92         | 0.02                | 8           | 6     | 9.1  | 2.8         | BYKL             |                    |
| 556 | 2004             | 9  | 17 | 2                         | 51 | 45.6 | 0.4                 | 56.02          | 0.02                | 113.84         | 0.04                | 16          | 5     | 7.7  | 2.1         | BYKL             |                    |
| 557 | 2004             | 9  | 17 | 9                         | 47 | 49.2 | 0.4                 | 51.87          | 0.03                | 102.48         | 0.03                | 14          | 5     | 8.0  | 2.2         | BYKL             |                    |
| 558 | 2004             | 9  | 18 | 4                         | 20 | 11.8 | 0.2                 | 55.43          | 0.02                | 112.52         | 0.02                |             |       | 9.2  | 2.9         | BYKL             |                    |
| 559 | 2004             | 9  | 18 | 11                        | 2  | 53.0 | 0.5                 | 56.84          | 0.03                | 118.23         | 0.04                | 10          | 4     | 7.9  | 2.2         | BYKL             |                    |
| 560 | 2004             | 9  | 18 | 13                        | 33 | 53.0 | 0.5                 | 50.85          | 0.02                | 99.75          | 0.04                |             |       | 8.4  | 2.4         | BYKL             |                    |
| 561 | 2004             | 9  | 18 | 18                        | 36 | 43.7 | 0.5                 | 55.86          | 0.02                | 110.22         | 0.03                | 21          | 6     | 7.8  | 2.1         | BYKL             |                    |
| 562 | 2004             | 9  | 20 | 20                        | 27 | 48.4 | 2.8                 | 48.89          | 0.10                | 116.94         | 0.12                |             |       | 8.3  | 2.4         | BYKL             |                    |
| 563 | 2004             | 9  | 21 | 22                        | 39 | 24.9 | 0.3                 | 55.87          | 0.02                | 113.08         | 0.03                |             |       | 7.7  | 2.1         | BYKL             |                    |
| 564 | 2004             | 9  | 23 | 4                         | 23 | 21.3 | 0.2                 | 53.20          | 0.01                | 107.34         | 0.03                |             |       | 8.4  | 2.4         | BYKL             |                    |
| 565 | 2004             | 9  | 23 | 22                        | 28 | 59.5 | 0.3                 | 55.74          | 0.02                | 112.92         | 0.02                |             |       | 9.4  | 3.0         | BYKL             |                    |
| 566 | 2004             | 9  | 24 | 1                         | 39 | 23.9 | 0.2                 | 52.37          | 0.02                | 106.47         | 0.02                | 22          | 4     | 9.6  | 3.1         | BYKL             |                    |
| 567 | 2004             | 9  | 24 | 21                        | 38 | 24.6 | 0.2                 | 55.98          | 0.01                | 112.78         | 0.02                |             |       | 8.3  | 2.4         | BYKL             |                    |
| 568 | 2004             | 9  | 24 | 21                        | 38 | 52.0 | 0.2                 | 55.89          | 0.01                | 112.83         | 0.02                |             |       | 9.0  | 2.8         | BYKL             |                    |
| 569 | 2004             | 9  | 24 | 22                        | 33 | 28.7 | 0.3                 | 55.93          | 0.02                | 112.77         | 0.02                |             |       | 9.4  | 3.0         | BYKL             |                    |
| 570 | 2004             | 9  | 25 | 6                         | 0  | 23.3 | 0.3                 | 56.21          | 0.02                | 112.58         | 0.03                |             |       | 8.4  | 2.4         | BYKL             |                    |
| 571 | 2004             | 9  | 25 | 18                        | 7  | 3.4  | 0.3                 | 54.88          | 0.02                | 111.43         | 0.03                |             |       | 7.9  | 2.2         | BYKL             |                    |
| 572 | 2004             | 9  | 26 | 3                         | 15 | 4.3  | 0.6                 | 54.61          | 0.02                | 110.96         | 0.06                | 16          | 10    | 7.6  | 2.0         | BYKL             |                    |
| 573 | 2004             | 9  | 26 | 5                         | 37 | 42.8 | 0.5                 | 56.64          | 0.03                | 117.91         | 0.03                |             |       | 8.2  | 2.3         | BYKL             |                    |
| 574 | 2004             | 9  | 27 | 8                         | 58 | 16.1 | 0.6                 | 51.64          | 0.03                | 99.85          | 0.04                |             |       | 8.0  | 2.2         | BYKL             |                    |
| 575 | 2004             | 9  | 27 | 10                        | 9  | 56.3 | 0.5                 | 52.28          | 0.01                | 106.42         | 0.03                | 11          | 9     | 8.0  | 2.2         | BYKL             |                    |
| 576 | 2004             | 9  | 28 | 7                         | 46 | 43.6 | 1.8                 | 48.73          | 0.08                | 100.23         | 0.06                |             |       | 8.7  | 2.6         | BYKL             |                    |
| 577 | 2004             | 9  | 28 | 8                         | 55 | 33.4 | 0.2                 | 51.51          | 0.01                | 105.54         | 0.02                | 22          | 4     | 8.9  | 2.7         | BYKL             |                    |
| 578 | 2004             | 9  | 28 | 17                        | 41 | 43.6 | 0.3                 | 48.09          | 0.02                | 103.42         | 0.02                |             |       | 11.8 | 4.3         | BYKL             |                    |
| 579 | 2004             | 9  | 28 | 17                        | 54 | 22.4 | 0.4                 | 52.18          | 0.02                | 106.53         | 0.03                | 27          | 3     | 8.5  | 2.5         | BYKL             |                    |
| 580 | 2004             | 9  | 28 | 19                        | 15 | 52.1 | 0.7                 | 55.82          | 0.02                | 113.12         | 0.03                | 30          | 7     | 8.6  | 2.6         | BYKL             |                    |
| 581 | 2004             | 9  | 29 | 18                        | 16 | 59.1 | 0.4                 | 55.97          | 0.03                | 112.80         | 0.03                |             |       | 7.6  | 2.0         | BYKL             |                    |
| 582 | 2004             | 9  | 30 | 12                        | 16 | 8.1  | 0.8                 | 55.39          | 0.03                | 108.49         | 0.07                |             |       | 7.8  | 2.1         | BYKL             | возможно<br>взрыв  |
| 583 | 2004             | 10 | 1  | 5                         | 9  | 58.1 | 1.2                 | 57.19          | 0.04                | 110.57         | 0.09                |             |       | 8.5  | 2.5         | BYKL             |                    |
| 584 | 2004             | 10 | 2  | 5                         | 13 | 45.6 | 0.5                 | 52.85          | 0.03                | 100.44         | 0.02                |             |       | 7.6  | 2.0         | BYKL             |                    |
| 585 | 2004             | 10 | 2  | 19                        | 59 | 35.9 | 0.3                 | 48.19          | 0.02                | 103.95         | 0.02                |             |       | 11.9 | 4.4         | BYKL             |                    |
| 586 | 2004             | 10 | 3  | 2                         | 31 | 16.1 | 0.6                 | 54.03          | 0.02                | 110.32         | 0.03                | 25          | 8     | 7.8  | 2.1         | BYKL             |                    |
| 587 | 2004             | 10 | 4  | 12                        | 13 | 10.1 | 0.5                 | 56.09          | 0.03                | 113.90         | 0.05                |             |       | 7.6  | 2.0         | BYKL             |                    |
| 588 | 2004             | 10 | 4  | 13                        | 58 | 18.4 | 0.3                 | 54.16          | 0.02                | 111.43         | 0.03                |             |       | 7.6  | 2.0         | BYKL             |                    |
| 589 | 2004             | 10 | 5  | 9                         | 46 | 18.2 | 0.3                 | 56.11          | 0.02                | 113.60         | 0.03                | 18          | 3     | 7.7  | 2.1         | BYKL             |                    |
| 590 | 2004             | 10 | 6  | 4                         | 37 | 40.4 | 0.3                 | 51.76          | 0.02                | 104.94         | 0.02                | 13          | 4     | 8.2  | 2.3         | BYKL             |                    |
| 591 | 2004             | 10 | 7  | 8                         | 1  | 29.7 | 0.2                 | 56.60          | 0.02                | 117.89         | 0.02                | 10          | 4     | 8.5  | 2.5         | BYKL             |                    |
| 592 | 2004             | 10 | 7  | 12                        | 33 | 58.5 | 0.8                 | 48.14          | 0.04                | 103.11         | 0.05                |             |       | 7.7  | 2.1         | BYKL             |                    |
| 593 | 2004             | 10 | 7  | 13                        | 40 | 14.1 | 0.7                 | 53.30          | 0.02                | 107.90         | 0.04                | 26          | 10    | 7.7  | 2.1         | BYKL             |                    |
| 594 | 2004             | 10 | 8  | 9                         | 23 | 27.3 | 0.5                 | 52.47          | 0.02                | 106.78         | 0.03                | 15          | 7     | 7.6  | 2.0         | BYKL             |                    |
| 595 | 2004             | 10 | 8  | 20                        | 37 | 4.8  | 0.3                 | 52.74          | 0.03                | 100.98         | 0.02                |             |       | 8.5  | 2.5         | BYKL             |                    |
| 596 | 2004             | 10 | 9  | 3                         | 8  | 59.7 | 0.2                 | 54.15          | 0.01                | 111.42         | 0.03                |             |       | 9.4  | 3.0         | BYKL             |                    |
| 597 | 2004             | 10 | 9  | 3                         | 50 | 59.7 | 0.3                 | 56.59          | 0.02                | 117.88         | 0.02                | 8           | 5     | 8.9  | 2.7         | BYKL             |                    |
| 598 | 2004             | 10 | 9  | 11                        | 27 | 1.2  | 0.2                 | 56.61          | 0.02                | 117.87         | 0.02                | 12          | 4     | 8.6  | 2.6         | BYKL             |                    |
| 599 | 2004             | 10 | 10 | 8                         | 35 | 23.9 | 0.2                 | 54.33          | 0.02                | 110.45         | 0.03                |             |       | 9.5  | 3.1         | BYKL             |                    |
| 600 | 2004             | 10 | 10 | 12                        | 44 | 54.0 | 0.2                 | 54.13          | 0.01                | 111.44         | 0.03                |             |       | 9.1  | 2.8         | BYKL             |                    |
| 601 | 2004             | 10 | 11 | 9                         | 23 | 0.4  | 0.5                 | 57.18          | 0.03                | 119.51         | 0.03                |             |       | 8.5  | 2.5         | BYKL             |                    |
| 602 | 2004             | 10 | 11 | 16                        | 40 | 53.1 | 0.3                 | 56.24          | 0.02                | 114.60         | 0.03                | 20          | 10    | 9.1  | 2.8         | BYKL             |                    |
| 603 | 2004             | 10 | 12 | 12                        | 7  | 3.3  | 0.3                 | 51.38          | 0.01                | 104.06         | 0.02                | 10          | 10    | 8.6  | 2.6         | BYKL             | возможно<br>взрыв  |
| 604 | 2004             | 10 | 12 | 12                        | 24 | 45.4 | 0.3                 | 51.63          | 0.01                | 109.30         | 0.02                | 15          | 10    | 7.6  | 2.0         | BYKL             |                    |
| 605 | 2004             | 10 | 12 | 18                        | 45 | 36.1 | 0.7                 | 56.10          | 0.04                | 114.13         | 0.06                |             |       | 9.0  | 2.8         | BYKL             |                    |
| 606 | 2004             | 10 | 12 | 22                        | 39 | 41.1 | 0.7                 | 55.81          | 0.02                | 110.30         | 0.04                |             |       | 8.0  | 2.2         | BYKL             |                    |
| 607 | 2004             | 10 | 13 | 8                         | 30 | 40.3 | 0.6                 | 48.69          | 0.03                | 106.12         | 0.05                |             |       | 7.9  | 2.2         | BYKL             |                    |
| 608 | 2004             | 10 | 13 | 14                        | 33 | 52.4 | 0.4                 | 48.83          | 0.02                | 101.64         | 0.03                |             |       | 8.2  | 2.3         | BYKL             |                    |
| 609 | 2004             | 10 | 13 | 20                        | 1  | 15.8 | 0.3                 | 54.11          | 0.02                | 111.38         | 0.03                |             |       | 8.4  | 2.4         | BYKL             |                    |
| 610 | 2004             | 10 | 14 | 12                        | 15 | 44.6 | 0.2                 | 53.15          | 0.01                | 107.99         | 0.02                |             |       | 7.9  | 2.2         | BYKL             |                    |

<sup>14</sup> Закаменск – 3 балла; Иркутск – 2 балла.

| №   | Дата,<br>год м д |    |    | Время, $t_0$ ,<br>ч мин с |    |      | $\delta t_0$ ,<br>с | Гипоцентр      |                     |                |                     |             |                    | $K_p$ | $M$ | Код<br>сети | $I$ ,<br>примечание |
|-----|------------------|----|----|---------------------------|----|------|---------------------|----------------|---------------------|----------------|---------------------|-------------|--------------------|-------|-----|-------------|---------------------|
|     |                  |    |    |                           |    |      |                     | $\varphi$ , °N | $\delta\varphi$ , ° | $\lambda$ , °E | $\delta\lambda$ , ° | $h$ ,<br>км | $\delta h$ ,<br>км |       |     |             |                     |
| 611 | 2004             | 10 | 15 | 1                         | 20 | 45.2 | 0.9                 | 55.83          | 0.03                | 110.14         | 0.05                | 33          | 9                  | 8.7   | 2.6 | BYKL        | 15                  |
| 612 | 2004             | 10 | 15 | 12                        | 35 | 24.9 | 0.4                 | 56.62          | 0.02                | 113.76         | 0.04                |             |                    | 10.1  | 3.4 | BYKL        |                     |
| 613 | 2004             | 10 | 15 | 12                        | 41 | 32.1 | 0.3                 | 56.65          | 0.02                | 113.73         | 0.03                |             |                    | 8.3   | 2.4 | BYKL        |                     |
| 614 | 2004             | 10 | 15 | 13                        | 25 | 17.7 | 1.8                 | 49.52          | 0.07                | 99.63          | 0.12                |             |                    | 8.0   | 2.2 | BYKL        |                     |
| 615 | 2004             | 10 | 15 | 14                        | 42 | 7.3  | 0.5                 | 56.64          | 0.03                | 113.74         | 0.04                |             |                    | 8.1   | 2.3 | BYKL        |                     |
| 616 | 2004             | 10 | 15 | 14                        | 55 | 47.8 | 0.4                 | 51.71          | 0.03                | 105.30         | 0.02                | 18          | 5                  | 7.9   | 2.2 | BYKL        |                     |
| 617 | 2004             | 10 | 15 | 19                        | 34 | 34.8 | 0.6                 | 56.10          | 0.04                | 111.26         | 0.06                | 9           | 10                 | 8.0   | 2.2 | BYKL        |                     |
| 618 | 2004             | 10 | 16 | 17                        | 5  | 14.4 | 0.4                 | 56.23          | 0.03                | 116.88         | 0.03                |             |                    | 7.8   | 2.1 | BYKL        |                     |
| 619 | 2004             | 10 | 17 | 10                        | 37 | 38.7 | 0.4                 | 50.55          | 0.03                | 99.63          | 0.03                |             |                    | 8.9   | 2.7 | BYKL        |                     |
| 620 | 2004             | 10 | 19 | 12                        | 43 | 20.6 | 0.6                 | 50.56          | 0.03                | 100.14         | 0.05                |             |                    | 7.6   | 2.0 | BYKL        |                     |
| 621 | 2004             | 10 | 20 | 6                         | 20 | 44.2 | 0.4                 | 56.34          | 0.02                | 118.07         | 0.03                |             |                    | 8.3   | 2.4 | BYKL        |                     |
| 622 | 2004             | 10 | 20 | 6                         | 40 | 18.9 | 0.6                 | 55.88          | 0.03                | 110.16         | 0.05                | 9           | 8                  | 8.2   | 2.3 | BYKL        |                     |
| 623 | 2004             | 10 | 20 | 14                        | 41 | 33.9 | 0.4                 | 55.26          | 0.02                | 111.19         | 0.04                | 25          | 6                  | 8.5   | 2.5 | BYKL        |                     |
| 624 | 2004             | 10 | 20 | 18                        | 6  | 38.9 | 0.5                 | 55.71          | 0.02                | 110.92         | 0.03                | 17          | 6                  | 8.5   | 2.5 | BYKL        |                     |
| 625 | 2004             | 10 | 21 | 1                         | 0  | 5.7  | 0.3                 | 51.70          | 0.02                | 102.25         | 0.02                | 9           | 4                  | 11.3  | 4.1 | BYKL        |                     |
| 626 | 2004             | 10 | 21 | 8                         | 19 | 38.6 | 0.3                 | 52.35          | 0.01                | 106.77         | 0.01                | 20          | 4                  | 7.8   | 2.1 | BYKL        |                     |
| 627 | 2004             | 10 | 23 | 13                        | 31 | 0.7  | 0.2                 | 52.84          | 0.01                | 107.45         | 0.02                | 22          | 4                  | 9.0   | 2.8 | BYKL        |                     |
| 628 | 2004             | 10 | 24 | 4                         | 31 | 38.6 | 0.2                 | 56.63          | 0.02                | 117.93         | 0.02                | 12          | 3                  | 10.8  | 3.8 | BYKL        |                     |
| 629 | 2004             | 10 | 24 | 5                         | 6  | 13.6 | 0.4                 | 56.06          | 0.03                | 114.81         | 0.03                |             |                    | 7.6   | 2.0 | BYKL        |                     |
| 630 | 2004             | 10 | 24 | 12                        | 1  | 33.0 | 0.4                 | 56.15          | 0.03                | 113.81         | 0.04                | 17          | 5                  | 7.6   | 2.0 | BYKL        |                     |
| 631 | 2004             | 10 | 25 | 23                        | 13 | 2.8  | 0.3                 | 55.79          | 0.02                | 110.28         | 0.03                | 4           | 4                  | 9.9   | 3.3 | BYKL        |                     |
| 632 | 2004             | 10 | 26 | 11                        | 25 | 34.0 | 0.5                 | 55.11          | 0.03                | 121.35         | 0.04                |             |                    | 8.5   | 2.5 | BYKL        |                     |
| 633 | 2004             | 10 | 28 | 5                         | 30 | 54.4 | 0.8                 | 48.68          | 0.03                | 102.94         | 0.05                |             |                    | 8.0   | 2.2 | BYKL        |                     |
| 634 | 2004             | 10 | 29 | 23                        | 11 | 50.2 | 0.5                 | 51.63          | 0.03                | 100.05         | 0.04                |             |                    | 8.8   | 2.7 | BYKL        |                     |
| 635 | 2004             | 10 | 30 | 5                         | 14 | 5.7  | 0.4                 | 54.36          | 0.02                | 110.06         | 0.05                |             |                    | 7.9   | 2.2 | BYKL        |                     |
| 636 | 2004             | 10 | 30 | 10                        | 13 | 3.2  | 0.9                 | 55.97          | 0.05                | 111.27         | 0.04                | 13          | 6                  | 7.6   | 2.0 | BYKL        |                     |
| 637 | 2004             | 10 | 30 | 13                        | 10 | 55.6 | 0.4                 | 54.14          | 0.02                | 111.40         | 0.04                |             |                    | 7.6   | 2.0 | BYKL        |                     |
| 638 | 2004             | 10 | 30 | 13                        | 43 | 8.2  | 0.6                 | 55.97          | 0.03                | 110.21         | 0.03                | 14          | 6                  | 8.2   | 2.3 | BYKL        |                     |
| 639 | 2004             | 11 | 1  | 6                         | 49 | 1.8  | 0.3                 | 54.00          | 0.02                | 110.27         | 0.03                | 5           | 7                  | 8.1   | 2.3 | BYKL        |                     |
| 640 | 2004             | 11 | 1  | 17                        | 15 | 54.2 | 0.2                 | 56.68          | 0.01                | 117.98         | 0.02                | 9           | 3                  | 10.4  | 3.6 | BYKL        |                     |
| 641 | 2004             | 11 | 1  | 18                        | 10 | 18.7 | 0.2                 | 53.48          | 0.02                | 109.58         | 0.02                | 19          | 3                  | 8.8   | 2.7 | BYKL        |                     |
| 642 | 2004             | 11 | 2  | 0                         | 32 | 46.5 | 0.3                 | 53.24          | 0.02                | 108.23         | 0.04                |             |                    | 7.8   | 2.1 | BYKL        |                     |
| 643 | 2004             | 11 | 2  | 19                        | 6  | 39.7 | 0.2                 | 56.67          | 0.01                | 117.98         | 0.02                | 9           | 3                  | 10.0  | 3.3 | BYKL        |                     |
| 644 | 2004             | 11 | 2  | 21                        | 21 | 44.6 | 0.5                 | 49.32          | 0.03                | 105.35         | 0.04                |             |                    | 7.8   | 2.1 | BYKL        |                     |
| 645 | 2004             | 11 | 3  | 18                        | 48 | 40.7 | 0.8                 | 56.64          | 0.03                | 117.91         | 0.04                |             |                    | 7.9   | 2.2 | BYKL        |                     |
| 646 | 2004             | 11 | 3  | 23                        | 43 | 11.8 | 0.4                 | 52.66          | 0.01                | 106.93         | 0.02                | 16          | 7                  | 7.6   | 2.0 | BYKL        |                     |
| 647 | 2004             | 11 | 4  | 17                        | 29 | 0.2  | 0.3                 | 55.78          | 0.02                | 110.28         | 0.03                | 9           | 6                  | 9.1   | 2.8 | BYKL        |                     |
| 648 | 2004             | 11 | 4  | 23                        | 52 | 30.4 | 0.5                 | 52.85          | 0.03                | 100.47         | 0.03                |             |                    | 8.2   | 2.3 | BYKL        |                     |
| 649 | 2004             | 11 | 5  | 4                         | 52 | 11.9 | 0.3                 | 56.06          | 0.01                | 111.02         | 0.02                |             |                    | 8.0   | 2.2 | BYKL        |                     |
| 650 | 2004             | 11 | 5  | 7                         | 35 | 13.4 | 0.3                 | 56.63          | 0.02                | 113.79         | 0.03                |             |                    | 8.7   | 2.6 | BYKL        |                     |
| 651 | 2004             | 11 | 5  | 9                         | 16 | 8.9  | 0.4                 | 56.64          | 0.02                | 113.81         | 0.03                |             |                    | 9.6   | 3.1 | BYKL        |                     |
| 652 | 2004             | 11 | 5  | 9                         | 20 | 46.5 | 0.2                 | 56.63          | 0.02                | 113.76         | 0.02                |             |                    | 8.3   | 2.4 | BYKL        |                     |
| 653 | 2004             | 11 | 8  | 8                         | 39 | 48.5 | 0.6                 | 56.64          | 0.03                | 118.65         | 0.05                |             |                    | 8.7   | 2.6 | BYKL        |                     |
| 654 | 2004             | 11 | 8  | 8                         | 46 | 50.0 | 0.6                 | 56.57          | 0.05                | 119.51         | 0.04                |             |                    | 7.8   | 2.1 | BYKL        |                     |
| 655 | 2004             | 11 | 8  | 17                        | 47 | 48.8 | 1.0                 | 52.99          | 0.06                | 116.18         | 0.07                |             |                    | 7.6   | 2.0 | BYKL        |                     |
| 656 | 2004             | 11 | 10 | 5                         | 57 | 21.5 | 0.3                 | 55.42          | 0.02                | 110.48         | 0.04                |             |                    | 7.9   | 2.2 | BYKL        |                     |
| 657 | 2004             | 11 | 11 | 17                        | 6  | 24.8 | 10.0                | 53.04          | 0.77                | 117.49         | 0.84                |             |                    | 7.7   | 2.1 | BYKL        |                     |
| 658 | 2004             | 11 | 13 | 20                        | 32 | 22.9 | 0.5                 | 51.24          | 0.03                | 100.62         | 0.04                |             |                    | 9.3   | 2.9 | BYKL        |                     |
| 659 | 2004             | 11 | 13 | 20                        | 58 | 47.5 | 0.4                 | 52.83          | 0.03                | 100.37         | 0.02                |             |                    | 8.0   | 2.2 | BYKL        |                     |
| 660 | 2004             | 11 | 14 | 8                         | 15 | 0.8  | 0.3                 | 54.54          | 0.02                | 109.86         | 0.03                | 11          | 10                 | 11.0  | 3.9 | BYKL        |                     |
| 661 | 2004             | 11 | 14 | 8                         | 41 | 23.6 | 0.5                 | 53.07          | 0.02                | 106.99         | 0.05                |             |                    | 8.2   | 2.3 | BYKL        |                     |
| 662 | 2004             | 11 | 15 | 2                         | 58 | 49.5 | 0.2                 | 53.03          | 0.01                | 108.10         | 0.02                |             |                    | 8.4   | 2.4 | BYKL        |                     |
| 663 | 2004             | 11 | 15 | 6                         | 4  | 18.4 | 0.2                 | 54.32          | 0.01                | 110.48         | 0.03                |             |                    | 9.3   | 2.9 | BYKL        |                     |
| 664 | 2004             | 11 | 15 | 6                         | 7  | 41.4 | 0.4                 | 54.32          | 0.02                | 110.45         | 0.05                |             |                    | 7.8   | 2.1 | BYKL        |                     |
| 665 | 2004             | 11 | 16 | 0                         | 54 | 12.0 | 0.2                 | 56.63          | 0.01                | 117.90         | 0.02                | 7           | 4                  | 8.2   | 2.3 | BYKL        |                     |
| 666 | 2004             | 11 | 16 | 10                        | 14 | 11.9 | 0.2                 | 53.85          | 0.01                | 108.40         | 0.02                |             |                    | 8.2   | 2.3 | BYKL        |                     |
| 667 | 2004             | 11 | 16 | 20                        | 44 | 7.6  | 0.5                 | 53.58          | 0.02                | 119.71         | 0.03                |             |                    | 7.8   | 2.1 | BYKL        |                     |
| 668 | 2004             | 11 | 17 | 12                        | 40 | 45.8 | 0.3                 | 56.20          | 0.02                | 114.84         | 0.03                |             |                    | 8.3   | 2.4 | BYKL        |                     |
| 669 | 2004             | 11 | 19 | 0                         | 22 | 29.5 | 0.4                 | 56.40          | 0.02                | 112.75         | 0.03                |             |                    | 7.6   | 2.0 | BYKL        |                     |
| 670 | 2004             | 11 | 19 | 14                        | 47 | 45.0 | 0.2                 | 56.05          | 0.02                | 111.33         | 0.02                | 13          | 3                  | 10.4  | 3.6 | BYKL        |                     |
| 671 | 2004             | 11 | 19 | 22                        | 26 | 16.5 | 0.8                 | 49.18          | 0.03                | 100.69         | 0.06                |             |                    | 7.6   | 2.0 | BYKL        |                     |
| 672 | 2004             | 11 | 21 | 1                         | 30 | 19.9 | 0.7                 | 50.10          | 0.04                | 99.92          | 0.03                |             |                    | 7.7   | 2.1 | BYKL        |                     |
| 673 | 2004             | 11 | 21 | 5                         | 57 | 56.6 | 0.2                 | 55.41          | 0.01                | 110.46         | 0.02                |             |                    | 9.8   | 3.2 | BYKL        |                     |
| 674 | 2004             | 11 | 21 | 8                         | 55 | 31.2 | 0.5                 | 50.13          | 0.03                | 99.88          | 0.04                |             |                    | 8.2   | 2.3 | BYKL        |                     |
| 675 | 2004             | 11 | 22 | 13                        | 36 | 12.1 | 0.5                 | 55.18          | 0.03                | 113.57         | 0.04                |             |                    | 8.2   | 2.3 | BYKL        |                     |
| 676 | 2004             | 11 | 24 | 21                        | 8  | 10.9 | 0.4                 | 52.90          | 0.02                | 106.78         | 0.03                | 28          | 4                  | 8.6   | 2.6 | BYKL        |                     |
| 677 | 2004             | 11 | 25 | 18                        | 37 | 25.5 | 0.4                 | 52.65          | 0.03                | 101.29         | 0.02                |             |                    | 8.5   | 2.5 | BYKL        |                     |

<sup>15</sup> Мамакан – 2–3 балла; Бодайбо – 2 балла.

<sup>16</sup> Кирен, Тунка – 4–5 баллов; Жемчуг, Монды – 4 балла; Аршан – 3–4 балла.

<sup>17</sup> Кумора – 3 балла; Уоян – 2 балла.

Каталоги землетрясений по различным регионам России

| №   | Дата,<br>год м д |    |    | Время, $t_0$ ,<br>ч мин с |    |      | $\delta t_0$ ,<br>с | Гипоцентр      |                     |                |                     |             | $K_p$ | M    | Код<br>сети | I,<br>примечание |                    |
|-----|------------------|----|----|---------------------------|----|------|---------------------|----------------|---------------------|----------------|---------------------|-------------|-------|------|-------------|------------------|--------------------|
|     |                  |    |    |                           |    |      |                     | $\varphi$ , °N | $\delta\varphi$ , ° | $\lambda$ , °E | $\delta\lambda$ , ° | $h$ ,<br>км |       |      |             |                  | $\delta h$ ,<br>км |
| 678 | 2004             | 11 | 25 | 19                        | 37 | 39.3 | 0.3                 | 52.71          | 0.01                | 108.68         | 0.02                |             |       | 7.7  | 2.1         | BYKL             |                    |
| 679 | 2004             | 11 | 25 | 22                        | 44 | 22.7 | 1.0                 | 51.71          | 0.04                | 102.13         | 0.05                |             |       | 8.1  | 2.3         | BYKL             |                    |
| 680 | 2004             | 11 | 27 | 23                        | 6  | 38.4 | 0.3                 | 52.21          | 0.02                | 102.04         | 0.02                | 22          | 5     | 8.5  | 2.5         | BYKL             |                    |
| 681 | 2004             | 11 | 28 | 0                         | 30 | 19.8 | 0.5                 | 56.37          | 0.03                | 112.73         | 0.05                |             |       | 8.2  | 2.3         | BYKL             |                    |
| 682 | 2004             | 11 | 29 | 20                        | 31 | 16.1 | 0.3                 | 56.05          | 0.02                | 113.80         | 0.03                | 3           | 10    | 8.6  | 2.6         | BYKL             |                    |
| 683 | 2004             | 12 | 1  | 4                         | 39 | 50.9 | 0.4                 | 52.31          | 0.03                | 105.27         | 0.02                |             |       | 7.7  | 2.1         | BYKL             | возможно<br>взрыв  |
| 684 | 2004             | 12 | 1  | 5                         | 44 | 17.1 | 0.3                 | 56.72          | 0.03                | 117.09         | 0.03                |             |       | 8.4  | 2.4         | BYKL             |                    |
| 685 | 2004             | 12 | 3  | 13                        | 34 | 54.3 | 0.2                 | 53.06          | 0.02                | 107.57         | 0.03                |             |       | 8.3  | 2.4         | BYKL             |                    |
| 686 | 2004             | 12 | 3  | 14                        | 20 | 20.4 | 0.3                 | 51.47          | 0.01                | 108.99         | 0.03                |             |       | 7.7  | 2.1         | BYKL             |                    |
| 687 | 2004             | 12 | 4  | 0                         | 32 | 56.6 | 0.6                 | 53.52          | 0.03                | 113.87         | 0.06                |             |       | 7.6  | 2.0         | BYKL             |                    |
| 688 | 2004             | 12 | 4  | 11                        | 13 | 7.9  | 0.3                 | 52.57          | 0.02                | 106.62         | 0.02                | 19          | 4     | 8.1  | 2.3         | BYKL             |                    |
| 689 | 2004             | 12 | 6  | 5                         | 28 | 19.5 | 0.4                 | 53.18          | 0.02                | 107.74         | 0.05                |             |       | 7.8  | 2.1         | BYKL             |                    |
| 690 | 2004             | 12 | 6  | 19                        | 14 | 16.0 | 0.7                 | 55.07          | 0.03                | 109.40         | 0.07                |             |       | 7.6  | 2.0         | BYKL             |                    |
| 691 | 2004             | 12 | 7  | 3                         | 10 | 0.5  | 0.2                 | 53.15          | 0.01                | 107.70         | 0.02                |             |       | 7.6  | 2.0         | BYKL             |                    |
| 692 | 2004             | 12 | 7  | 6                         | 10 | 29.4 | 0.2                 | 54.13          | 0.01                | 111.42         | 0.02                |             |       | 8.6  | 2.6         | BYKL             |                    |
| 693 | 2004             | 12 | 7  | 11                        | 51 | 24.8 | 0.4                 | 52.88          | 0.02                | 108.00         | 0.04                |             |       | 8.0  | 2.2         | BYKL             |                    |
| 694 | 2004             | 12 | 8  | 0                         | 13 | 17.8 | 0.2                 | 53.29          | 0.02                | 108.64         | 0.02                |             |       | 8.3  | 2.4         | BYKL             |                    |
| 695 | 2004             | 12 | 9  | 15                        | 52 | 36.4 | 0.2                 | 52.43          | 0.01                | 106.73         | 0.02                | 11          | 4     | 8.9  | 2.7         | BYKL             |                    |
| 696 | 2004             | 12 | 11 | 19                        | 3  | 32.5 | 0.4                 | 54.12          | 0.02                | 111.40         | 0.04                |             |       | 7.6  | 2.0         | BYKL             |                    |
| 697 | 2004             | 12 | 11 | 20                        | 7  | 41.4 | 0.7                 | 51.89          | 0.04                | 100.85         | 0.05                |             |       | 8.1  | 2.3         | BYKL             |                    |
| 698 | 2004             | 12 | 12 | 8                         | 59 | 36.2 | 0.4                 | 51.77          | 0.02                | 100.42         | 0.03                |             |       | 11.7 | 4.3         | BYKL             | 18                 |
| 699 | 2004             | 12 | 13 | 7                         | 3  | 41.0 | 0.4                 | 54.63          | 0.03                | 110.16         | 0.05                |             |       | 7.9  | 2.2         | BYKL             |                    |
| 700 | 2004             | 12 | 13 | 12                        | 24 | 36.1 | 0.5                 | 56.17          | 0.03                | 111.71         | 0.04                | 20          | 4     | 8.6  | 2.6         | BYKL             |                    |
| 701 | 2004             | 12 | 13 | 21                        | 31 | 59.3 | 0.4                 | 56.24          | 0.03                | 114.82         | 0.03                |             |       | 7.7  | 2.1         | BYKL             |                    |
| 702 | 2004             | 12 | 13 | 23                        | 34 | 2.2  | 0.4                 | 56.63          | 0.02                | 118.10         | 0.03                | 13          | 5     | 8.2  | 2.3         | BYKL             |                    |
| 703 | 2004             | 12 | 14 | 6                         | 57 | 27.3 | 0.2                 | 56.26          | 0.02                | 114.75         | 0.02                | 11          | 10    | 7.9  | 2.2         | BYKL             |                    |
| 704 | 2004             | 12 | 14 | 12                        | 46 | 12.4 | 0.7                 | 56.00          | 0.04                | 113.26         | 0.06                |             |       | 7.7  | 2.1         | BYKL             |                    |
| 705 | 2004             | 12 | 14 | 18                        | 12 | 57.4 | 0.3                 | 56.26          | 0.02                | 114.76         | 0.03                | 12          | 6     | 8.6  | 2.6         | BYKL             |                    |
| 706 | 2004             | 12 | 15 | 16                        | 57 | 21.2 | 0.3                 | 55.37          | 0.02                | 113.75         | 0.03                | 11          | 4     | 10.5 | 3.6         | BYKL             | 19                 |
| 707 | 2004             | 12 | 16 | 1                         | 35 | 28.7 | 0.3                 | 55.37          | 0.02                | 113.76         | 0.03                | 12          | 4     | 8.8  | 2.7         | BYKL             |                    |
| 708 | 2004             | 12 | 16 | 3                         | 19 | 33.5 | 0.4                 | 56.25          | 0.03                | 114.74         | 0.03                |             |       | 7.7  | 2.1         | BYKL             |                    |
| 709 | 2004             | 12 | 16 | 3                         | 36 | 41.9 | 0.5                 | 51.76          | 0.03                | 104.93         | 0.04                | 21          | 6     | 7.9  | 2.2         | BYKL             |                    |
| 710 | 2004             | 12 | 16 | 22                        | 45 | 3.6  | 0.4                 | 54.45          | 0.02                | 110.63         | 0.04                | 19          | 10    | 8.3  | 2.4         | BYKL             |                    |
| 711 | 2004             | 12 | 17 | 8                         | 29 | 38.9 | 0.5                 | 55.81          | 0.03                | 110.86         | 0.03                | 10          | 6     | 7.6  | 2.0         | BYKL             |                    |
| 712 | 2004             | 12 | 17 | 17                        | 59 | 23.9 | 0.5                 | 51.68          | 0.03                | 99.89          | 0.04                |             |       | 8.4  | 2.4         | BYKL             |                    |
| 713 | 2004             | 12 | 17 | 23                        | 22 | 2.1  | 0.3                 | 55.05          | 0.02                | 110.72         | 0.03                | 2           | 9     | 8.3  | 2.4         | BYKL             |                    |
| 714 | 2004             | 12 | 18 | 2                         | 5  | 39.3 | 0.3                 | 49.65          | 0.02                | 110.41         | 0.02                |             |       | 8.5  | 2.5         | BYKL             |                    |
| 715 | 2004             | 12 | 18 | 12                        | 57 | 28.9 | 0.3                 | 53.03          | 0.01                | 107.84         | 0.02                |             |       | 7.9  | 2.2         | BYKL             |                    |
| 716 | 2004             | 12 | 18 | 12                        | 58 | 2.7  | 0.2                 | 53.02          | 0.01                | 107.81         | 0.02                |             |       | 8.2  | 2.3         | BYKL             |                    |
| 717 | 2004             | 12 | 18 | 13                        | 17 | 58.0 | 0.4                 | 55.78          | 0.02                | 110.86         | 0.04                | 7           | 8     | 7.7  | 2.1         | BYKL             |                    |
| 718 | 2004             | 12 | 18 | 15                        | 53 | 27.0 | 0.3                 | 53.31          | 0.02                | 108.62         | 0.03                | 25          | 3     | 8.2  | 2.3         | BYKL             |                    |
| 719 | 2004             | 12 | 19 | 23                        | 49 | 6.5  | 0.6                 | 56.65          | 0.03                | 113.76         | 0.05                |             |       | 8.6  | 2.6         | BYKL             |                    |
| 720 | 2004             | 12 | 20 | 8                         | 57 | 46.7 | 0.7                 | 55.83          | 0.03                | 110.26         | 0.04                |             |       | 7.7  | 2.1         | BYKL             |                    |
| 721 | 2004             | 12 | 20 | 13                        | 34 | 45.7 | 0.7                 | 48.06          | 0.04                | 106.33         | 0.05                |             |       | 7.8  | 2.1         | BYKL             |                    |
| 722 | 2004             | 12 | 22 | 8                         | 34 | 10.3 | 0.5                 | 55.57          | 0.03                | 111.96         | 0.04                |             |       | 8.0  | 2.2         | BYKL             |                    |
| 723 | 2004             | 12 | 22 | 9                         | 22 | 10.6 | 0.5                 | 51.83          | 0.03                | 100.19         | 0.04                |             |       | 10.4 | 3.6         | BYKL             |                    |
| 724 | 2004             | 12 | 22 | 9                         | 31 | 50.3 | 0.7                 | 51.82          | 0.05                | 100.17         | 0.06                |             |       | 7.9  | 2.2         | BYKL             |                    |
| 725 | 2004             | 12 | 22 | 11                        | 47 | 15.1 | 0.5                 | 56.67          | 0.03                | 113.74         | 0.05                |             |       | 8.4  | 2.4         | BYKL             |                    |
| 726 | 2004             | 12 | 25 | 2                         | 11 | 17.7 | 1.0                 | 56.46          | 0.04                | 113.35         | 0.07                |             |       | 8.0  | 2.2         | BYKL             |                    |
| 727 | 2004             | 12 | 26 | 5                         | 31 | 3.7  | 0.9                 | 56.66          | 0.04                | 117.92         | 0.05                |             |       | 8.1  | 2.3         | BYKL             |                    |
| 728 | 2004             | 12 | 26 | 8                         | 18 | 41.9 | 0.3                 | 55.40          | 0.02                | 113.72         | 0.03                | 15          | 5     | 8.3  | 2.4         | BYKL             |                    |
| 729 | 2004             | 12 | 27 | 12                        | 28 | 59.2 | 0.2                 | 55.59          | 0.02                | 110.96         | 0.03                | 16          | 4     | 9.5  | 3.1         | BYKL             |                    |
| 730 | 2004             | 12 | 29 | 12                        | 33 | 16.7 | 0.2                 | 56.29          | 0.02                | 115.23         | 0.02                | 17          | 4     | 8.4  | 2.4         | BYKL             |                    |
| 731 | 2004             | 12 | 29 | 18                        | 58 | 46.2 | 0.2                 | 53.25          | 0.01                | 108.34         | 0.02                | 16          | 3     | 9.0  | 2.8         | BYKL             |                    |
| 732 | 2004             | 12 | 29 | 18                        | 59 | 6.8  | 0.6                 | 53.26          | 0.02                | 108.31         | 0.03                |             |       | 8.4  | 2.4         | BYKL             |                    |
| 733 | 2004             | 12 | 29 | 19                        | 42 | 33.0 | 0.4                 | 53.24          | 0.02                | 108.32         | 0.02                | 9           | 8     | 8.0  | 2.2         | BYKL             |                    |
| 734 | 2004             | 12 | 30 | 10                        | 34 | 0.0  | 0.5                 | 56.68          | 0.04                | 117.91         | 0.04                | 13          | 8     | 7.9  | 2.2         | BYKL             |                    |
| 735 | 2004             | 12 | 30 | 18                        | 55 | 33.6 | 0.4                 | 56.68          | 0.03                | 117.92         | 0.03                | 15          | 6     | 9.1  | 2.8         | BYKL             |                    |
| 736 | 2004             | 12 | 30 | 22                        | 31 | 29.0 | 0.4                 | 54.09          | 0.02                | 111.43         | 0.04                |             |       | 8.7  | 2.6         | BYKL             |                    |
| 737 | 2004             | 12 | 31 | 19                        | 14 | 43.9 | 0.2                 | 52.82          | 0.01                | 107.17         | 0.02                | 22          | 3     | 8.4  | 2.4         | BYKL             |                    |

<sup>18</sup> Орлик, Хурга – 3–4 балла; Монды – 2–3 балла.

<sup>19</sup> Уакит – 3–4 балла.