

**Bremen, Borgfeld, Wümmе 2024**

Breite: 53° 08' N, Länge: 8° 54' E

| Tag          | Januar    |       |           |       | Tag          | Februar   |       |           |       |
|--------------|-----------|-------|-----------|-------|--------------|-----------|-------|-----------|-------|
|              | HW - Zeit |       | NW - Zeit |       |              | HW - Zeit |       | NW - Zeit |       |
| <b>1 Mo</b>  | 8:14      | 20:24 | 4:03      | 16:37 | 1 Do         | 8:54      | 21:05 | 4:48      | 17:15 |
| 2 Di         | 8:44      | 20:56 | 4:34      | 17:09 | 2 Fr         | 9:20      | 21:29 | 5:20      | 17:41 |
| 3 Mi         | 9:17      | 21:31 | 5:10      | 17:46 | 3 Sa ●       | 9:42      | 21:53 | 5:46      | 18:05 |
| 4 Do ●       | 9:53      | 22:08 | 5:49      | 18:24 | <b>4 So</b>  | 10:15     | 22:39 | 6:20      | 18:47 |
| 5 Fr         | 10:33     | 22:54 | 6:29      | 19:07 | 5 Mo         | 11:15     | 23:55 | 7:21      | 19:59 |
| 6 Sa         | 11:25     | 23:55 | 7:21      | 20:03 | 6 Di         |           | 12:41 | 8:48      | 21:28 |
| <b>7 So</b>  |           | 12:30 | 8:27      | 21:10 | 7 Mi         | 1:28      | 14:15 | 10:22     | 22:55 |
| 8 Mo         | 1:08      | 13:44 | 9:42      | 22:20 | 8 Do         | 2:58      | 15:40 | 11:45     |       |
| 9 Di         | 2:23      | 14:57 | 10:54     | 23:27 | 9 Fr ●       | 4:15      | 16:51 | 0:09      | 12:53 |
| 10 Mi        | 3:32      | 16:03 |           | 12:01 | 10 Sa        | 5:17      | 17:49 | 1:09      | 13:49 |
| 11 Do ●      | 4:33      | 17:02 | 0:26      | 13:00 | <b>11 So</b> | 6:11      | 18:40 | 2:00      | 14:40 |
| 12 Fr        | 5:27      | 17:55 | 1:17      | 13:52 | 12 Mo        | 7:01      | 19:27 | 2:49      | 15:30 |
| 13 Sa        | 6:18      | 18:47 | 2:05      | 14:43 | 13 Di        | 7:48      | 20:10 | 3:38      | 16:17 |
| <b>14 So</b> | 7:10      | 19:36 | 2:55      | 15:37 | 14 Mi        | 8:32      | 20:47 | 4:22      | 16:57 |
| 15 Mo        | 7:58      | 20:20 | 3:44      | 16:26 | 15 Do        | 9:11      | 21:21 | 5:01      | 17:32 |
| 16 Di        | 8:43      | 21:01 | 4:28      | 17:11 | 16 Fr ○      | 9:47      | 21:52 | 5:38      | 18:06 |
| 17 Mi        | 9:25      | 21:40 | 5:10      | 17:55 | 17 Sa        | 10:20     | 22:26 | 6:16      | 18:40 |
| 18 Do ●      | 10:08     | 22:20 | 5:55      | 18:39 | <b>18 So</b> | 11:01     | 23:17 | 7:00      | 19:25 |
| 19 Fr        | 10:53     | 23:04 | 6:41      | 19:23 | 19 Mo        |           | 12:05 | 8:05      | 20:35 |
| 20 Sa        | 11:45     |       | 7:34      | 20:15 | 20 Di        | 0:34      | 13:31 | 9:33      | 22:04 |
| <b>21 So</b> | 0:03      | 12:53 | 8:43      | 21:23 | 21 Mi        | 2:07      | 14:59 | 11:06     | 23:27 |
| 22 Mo        | 1:17      | 14:09 | 10:03     | 22:37 | 22 Do        | 3:32      | 16:09 |           | 12:21 |
| 23 Di        | 2:37      | 15:21 | 11:20     | 23:44 | 23 Fr        | 4:34      | 17:00 | 0:30      | 13:15 |
| 24 Mi        | 3:48      | 16:22 |           | 12:27 | 24 Sa ○      | 5:20      | 17:42 | 1:18      | 13:56 |
| 25 Do ○      | 4:46      | 17:13 | 0:41      | 13:23 | <b>25 So</b> | 5:59      | 18:19 | 1:57      | 14:30 |
| 26 Fr        | 5:33      | 17:58 | 1:31      | 14:08 | 26 Mo        | 6:35      | 18:51 | 2:31      | 14:59 |
| 27 Sa        | 6:15      | 18:37 | 2:12      | 14:46 | 27 Di        | 7:05      | 19:17 | 3:00      | 15:25 |
| <b>28 So</b> | 6:54      | 19:10 | 2:47      | 15:20 | 28 Mi        | 7:32      | 19:43 | 3:28      | 15:49 |
| 29 Mo        | 7:27      | 19:37 | 3:18      | 15:48 | 29 Do        | 7:59      | 20:12 | 3:56      | 16:16 |
| 30 Di        | 7:55      | 20:04 | 3:46      | 16:14 |              |           |       |           |       |
| 31 Mi        | 8:24      | 20:35 | 4:15      | 16:43 |              |           |       |           |       |

● Neumond   ● erstes Viertel   ○ Vollmond   ● letztes Viertel

**Mitteeuropäische Zeit**

# Bremen, Borgfeld, Wümmе 2024

Breite: 53° 08' N, Länge: 8° 54' E

| Tag            | März      |       |           |       | Tag          | April     |       |           |       |
|----------------|-----------|-------|-----------|-------|--------------|-----------|-------|-----------|-------|
|                | HW - Zeit |       | NW - Zeit |       |              | HW - Zeit |       | NW - Zeit |       |
| 1 Fr           | 8:27      | 20:40 | 4:27      | 16:44 | <b>1 Mo</b>  | 9:47      | 21:59 | 6:05      | 18:03 |
| 2 Sa           | 8:50      | 20:58 | 4:57      | 17:07 | 2 Di ●       | 10:17     | 22:39 | 6:38      | 18:39 |
| <b>3 So</b> ○  | 9:06      | 21:13 | 5:19      | 17:24 | 3 Mi         | 11:13     | 23:54 | 7:33      | 19:49 |
| 4 Mo           | 9:31      | 21:50 | 5:46      | 17:58 | 4 Do         |           | 12:42 | 9:04      | 21:30 |
| 5 Di           | 10:26     | 23:07 | 6:42      | 19:10 | 5 Fr         | 1:37      | 14:28 | 10:50     | 23:13 |
| 6 Mi           | 11:59     |       | 8:16      | 20:51 | 6 Sa         | 3:20      | 16:05 |           | 12:21 |
| 7 Do           | 0:52      | 13:46 | 10:03     | 22:33 | <b>7 So</b>  | 4:43      | 17:22 | 0:34      | 13:27 |
| 8 Fr           | 2:36      | 15:24 | 11:36     | 23:55 | 8 Mo ●       | 5:47      | 18:20 | 1:36      | 14:19 |
| 9 Sa           | 4:00      | 16:40 |           | 12:47 | 9 Di         | 6:40      | 19:07 | 2:27      | 15:02 |
| <b>10 So</b> ● | 5:06      | 17:39 | 0:58      | 13:41 | 10 Mi        | 7:26      | 19:47 | 3:13      | 15:41 |
| 11 Mo          | 5:59      | 18:27 | 1:49      | 14:27 | 11 Do        | 8:09      | 20:25 | 3:58      | 16:20 |
| 12 Di          | 6:46      | 19:10 | 2:35      | 15:10 | 12 Fr        | 8:49      | 21:02 | 4:44      | 16:57 |
| 13 Mi          | 7:31      | 19:50 | 3:21      | 15:52 | 13 Sa        | 9:25      | 21:36 | 5:26      | 17:30 |
| 14 Do          | 8:13      | 20:26 | 4:06      | 16:30 | <b>14 So</b> | 9:57      | 22:05 | 6:01      | 18:00 |
| 15 Fr          | 8:50      | 20:58 | 4:45      | 17:02 | 15 Mo ○      | 10:25     | 22:37 | 6:35      | 18:32 |
| 16 Sa          | 9:22      | 21:25 | 5:20      | 17:30 | 16 Di        | 11:01     | 23:23 | 7:15      | 19:16 |
| <b>17 So</b> ● | 9:49      | 21:55 | 5:53      | 18:01 | 17 Mi        | 11:58     |       | 8:12      | 20:23 |
| 18 Mo          | 10:25     | 22:43 | 6:33      | 18:43 | 18 Do        | 0:35      | 13:22 | 9:35      | 21:54 |
| 19 Di          | 11:26     |       | 7:34      | 19:55 | 19 Fr        | 2:06      | 14:55 | 11:10     | 23:27 |
| 20 Mi          | 0:01      | 12:57 | 9:05      | 21:32 | 20 Sa        | 3:33      | 16:11 |           | 12:28 |
| 21 Do          | 1:40      | 14:34 | 10:46     | 23:05 | <b>21 So</b> | 4:37      | 17:01 | 0:35      | 13:17 |
| 22 Fr          | 3:10      | 15:49 |           | 12:05 | 22 Mo        | 5:19      | 17:40 | 1:19      | 13:50 |
| 23 Sa          | 4:14      | 16:38 | 0:12      | 12:56 | 23 Di        | 5:57      | 18:20 | 1:56      | 14:23 |
| <b>24 So</b>   | 4:57      | 17:16 | 0:56      | 13:30 | 24 Mi ○      | 6:35      | 19:00 | 2:35      | 14:57 |
| 25 Mo ○        | 5:32      | 17:53 | 1:33      | 14:02 | 25 Do        | 7:11      | 19:33 | 3:11      | 15:27 |
| 26 Di          | 6:07      | 18:27 | 2:07      | 14:31 | 26 Fr        | 7:42      | 20:01 | 3:43      | 15:54 |
| 27 Mi          | 6:40      | 18:56 | 2:39      | 14:58 | 27 Sa        | 8:10      | 20:29 | 4:14      | 16:21 |
| 28 Do          | 7:07      | 19:22 | 3:08      | 15:23 | <b>28 So</b> | 8:40      | 20:59 | 4:46      | 16:50 |
| <b>29 Fr</b>   | 7:34      | 19:49 | 3:36      | 15:48 | 29 Mo        | 9:11      | 21:32 | 5:21      | 17:22 |
| 30 Sa          | 8:01      | 20:15 | 4:06      | 16:15 | 30 Di        | 9:45      | 22:07 | 6:00      | 17:57 |
| <b>31 So</b>   | 9:26      | 21:38 | 5:36      | 17:40 |              |           |       |           |       |

● Neumond   ● erstes Viertel   ○ Vollmond   ● letztes Viertel

**Ab 31.03. 3 Uhr Mitteleuropäische Sommerzeit**

**Bremen, Borgfeld, Wümmе 2024**

Breite: 53° 08' N, Länge: 8° 54' E

| Tag           | Mai       |       |           |       | Tag          | Juni      |       |           |       |
|---------------|-----------|-------|-----------|-------|--------------|-----------|-------|-----------|-------|
|               | HW - Zeit |       | NW - Zeit |       |              | HW - Zeit |       | NW - Zeit |       |
| <b>1 Mi</b> ● | 10:25     | 22:53 | 6:45      | 18:42 | 1 Sa         | 0:11      | 12:38 | 8:56      | 21:01 |
| 2 Do          | 11:22     |       | 7:42      | 19:48 | <b>2 So</b>  | 1:23      | 13:53 | 10:08     | 22:18 |
| 3 Fr          | 0:02      | 12:41 | 9:01      | 21:16 | 3 Mo         | 2:40      | 15:09 | 11:18     | 23:29 |
| 4 Sa          | 1:31      | 14:13 | 10:33     | 22:48 | 4 Di         | 3:51      | 16:19 |           | 12:17 |
| <b>5 So</b>   | 3:02      | 15:41 | 11:54     |       | 5 Mi         | 4:53      | 17:21 | 0:32      | 13:09 |
| 6 Mo          | 4:19      | 16:53 | 0:04      | 12:55 | 6 Do ●       | 5:49      | 18:14 | 1:32      | 14:00 |
| 7 Di          | 5:21      | 17:52 | 1:04      | 13:44 | 7 Fr         | 6:40      | 19:01 | 2:29      | 14:48 |
| 8 Mi ●        | 6:16      | 18:41 | 1:58      | 14:30 | 8 Sa         | 7:26      | 19:45 | 3:21      | 15:29 |
| <b>9 Do</b>   | 7:04      | 19:22 | 2:49      | 15:12 | <b>9 So</b>  | 8:07      | 20:28 | 4:07      | 16:09 |
| 10 Fr         | 7:45      | 20:01 | 3:36      | 15:50 | 10 Mo        | 8:46      | 21:08 | 4:52      | 16:47 |
| 11 Sa         | 8:24      | 20:41 | 4:22      | 16:28 | 11 Di        | 9:22      | 21:43 | 5:31      | 17:21 |
| <b>12 So</b>  | 9:02      | 21:19 | 5:07      | 17:05 | 12 Mi        | 9:55      | 22:17 | 6:06      | 17:56 |
| 13 Mo         | 9:37      | 21:53 | 5:46      | 17:38 | 13 Do        | 10:30     | 22:55 | 6:43      | 18:37 |
| 14 Di         | 10:09     | 22:27 | 6:22      | 18:14 | 14 Fr ○      | 11:11     | 23:40 | 7:25      | 19:23 |
| 15 Mi ○       | 10:46     | 23:11 | 7:01      | 18:57 | 15 Sa        | 11:59     |       | 8:13      | 20:14 |
| 16 Do         | 11:36     |       | 7:52      | 19:55 | <b>16 So</b> | 0:33      | 12:57 | 9:07      | 21:15 |
| 17 Fr         | 0:10      | 12:42 | 8:58      | 21:08 | 17 Mo        | 1:31      | 14:01 | 10:06     | 22:20 |
| 18 Sa         | 1:23      | 14:00 | 10:15     | 22:27 | 18 Di        | 2:31      | 15:05 | 11:03     | 23:22 |
| <b>19 So</b>  | 2:38      | 15:13 | 11:26     | 23:35 | 19 Mi        | 3:31      | 16:05 | 11:57     |       |
| <b>20 Mo</b>  | 3:41      | 16:10 |           | 12:18 | 20 Do        | 4:28      | 17:02 | 0:20      | 12:50 |
| 21 Di         | 4:30      | 16:57 | 0:26      | 12:57 | 21 Fr        | 5:23      | 17:55 | 1:17      | 13:41 |
| 22 Mi         | 5:15      | 17:43 | 1:10      | 13:38 | 22 Sa ○      | 6:13      | 18:43 | 2:09      | 14:26 |
| 23 Do ○       | 5:59      | 18:29 | 1:56      | 14:19 | <b>23 So</b> | 6:59      | 19:27 | 2:55      | 15:06 |
| 24 Fr         | 6:41      | 19:08 | 2:39      | 14:55 | 24 Mo        | 7:44      | 20:11 | 3:40      | 15:48 |
| 25 Sa         | 7:18      | 19:42 | 3:16      | 15:27 | 25 Di        | 8:27      | 20:56 | 4:28      | 16:31 |
| <b>26 So</b>  | 7:53      | 20:17 | 3:53      | 16:00 | 26 Mi        | 9:10      | 21:40 | 5:15      | 17:14 |
| 27 Mo         | 8:30      | 20:55 | 4:33      | 16:35 | 27 Do        | 9:54      | 22:25 | 6:03      | 17:59 |
| 28 Di         | 9:09      | 21:36 | 5:15      | 17:14 | 28 Fr ●      | 10:41     | 23:14 | 6:54      | 18:50 |
| 29 Mi         | 9:51      | 22:21 | 6:02      | 17:59 | 29 Sa        | 11:30     |       | 7:46      | 19:42 |
| 30 Do ●       | 10:39     | 23:11 | 6:54      | 18:50 | <b>30 So</b> | 0:06      | 12:23 | 8:37      | 20:39 |
| 31 Fr         | 11:33     |       | 7:51      | 19:50 |              |           |       |           |       |

● Neumond   ● erstes Viertel   ○ Vollmond   ● letztes Viertel

**Mitteleuropäische Sommerzeit**

# Bremen, Borgfeld, Wümmе 2024

Breite: 53° 08' N, Länge: 8° 54' E

| Tag            | Juli      |       |           |       | Tag           | August    |       |           |       |
|----------------|-----------|-------|-----------|-------|---------------|-----------|-------|-----------|-------|
|                | HW - Zeit |       | NW - Zeit |       |               | HW - Zeit |       | NW - Zeit |       |
| 1 Mo           | 1:04      | 13:24 | 9:33      | 21:45 | 1 Do          | 2:51      | 15:21 | 11:06     | 23:54 |
| 2 Di           | 2:11      | 14:34 | 10:36     | 22:58 | 2 Fr          | 4:09      | 16:40 |           | 12:21 |
| 3 Mi           | 3:22      | 15:47 | 11:40     |       | 3 Sa          | 5:16      | 17:45 | 1:09      | 13:25 |
| 4 Do           | 4:28      | 16:55 | 0:08      | 12:40 | <b>4 So ●</b> | 6:13      | 18:38 | 2:12      | 14:20 |
| 5 Fr ●         | 5:28      | 17:55 | 1:15      | 13:38 | 5 Mo          | 7:01      | 19:24 | 3:03      | 15:05 |
| 6 Sa           | 6:23      | 18:47 | 2:17      | 14:31 | 6 Di          | 7:43      | 20:04 | 3:45      | 15:42 |
| <b>7 So</b>    | 7:13      | 19:35 | 3:12      | 15:17 | 7 Mi          | 8:16      | 20:37 | 4:20      | 16:14 |
| 8 Mo           | 7:56      | 20:19 | 3:57      | 15:56 | 8 Do          | 8:43      | 21:04 | 4:49      | 16:42 |
| 9 Di           | 8:34      | 20:57 | 4:38      | 16:31 | 9 Fr          | 9:07      | 21:30 | 5:14      | 17:10 |
| 10 Mi          | 9:06      | 21:28 | 5:13      | 17:03 | 10 Sa         | 9:35      | 21:58 | 5:40      | 17:42 |
| 11 Do          | 9:35      | 21:58 | 5:43      | 17:35 | <b>11 So</b>  | 10:06     | 22:26 | 6:11      | 18:15 |
| 12 Fr          | 10:06     | 22:31 | 6:15      | 18:10 | 12 Mo ●       | 10:32     | 22:49 | 6:39      | 18:42 |
| 13 Sa ●        | 10:41     | 23:06 | 6:51      | 18:48 | 13 Di         | 10:54     | 23:15 | 7:01      | 19:09 |
| <b>14 So</b>   | 11:15     | 23:40 | 7:25      | 19:24 | 14 Mi         | 11:31     |       | 7:33      | 20:00 |
| 15 Mo          | 11:52     |       | 7:59      | 20:04 | 15 Do         | 0:05      | 12:40 | 8:35      | 21:22 |
| 16 Di          | 0:20      | 12:43 | 8:43      | 21:03 | 16 Fr         | 1:24      | 14:13 | 10:03     | 22:59 |
| 17 Mi          | 1:15      | 13:50 | 9:45      | 22:17 | 17 Sa         | 2:57      | 15:46 | 11:34     |       |
| 18 Do          | 2:25      | 15:07 | 10:57     | 23:35 | <b>18 So</b>  | 4:25      | 17:05 | 0:26      | 12:50 |
| 19 Fr          | 3:40      | 16:21 |           | 12:08 | 19 Mo ○       | 5:36      | 18:08 | 1:37      | 13:51 |
| 20 Sa          | 4:50      | 17:27 | 0:47      | 13:12 | 20 Di         | 6:34      | 19:01 | 2:33      | 14:41 |
| <b>21 So ○</b> | 5:52      | 18:24 | 1:49      | 14:06 | 21 Mi         | 7:24      | 19:50 | 3:22      | 15:28 |
| 22 Mo          | 6:46      | 19:15 | 2:43      | 14:53 | 22 Do         | 8:10      | 20:36 | 4:09      | 16:15 |
| 23 Di          | 7:36      | 20:04 | 3:33      | 15:40 | 23 Fr         | 8:52      | 21:19 | 4:54      | 16:58 |
| 24 Mi          | 8:23      | 20:52 | 4:23      | 16:27 | 24 Sa         | 9:30      | 21:59 | 5:34      | 17:37 |
| 25 Do          | 9:07      | 21:35 | 5:12      | 17:11 | <b>25 So</b>  | 10:05     | 22:36 | 6:10      | 18:15 |
| 26 Fr          | 9:47      | 22:17 | 5:56      | 17:52 | 26 Mo ●       | 10:40     | 23:13 | 6:45      | 18:55 |
| 27 Sa          | 10:29     | 23:01 | 6:38      | 18:37 | 27 Di         | 11:17     | 23:54 | 7:21      | 19:40 |
| <b>28 So ●</b> | 11:11     | 23:45 | 7:22      | 19:23 | 28 Mi         |           | 12:08 | 8:04      | 20:41 |
| 29 Mo          | 11:54     |       | 8:03      | 20:11 | 29 Do         | 0:55      | 13:23 | 9:09      | 22:06 |
| 30 Di          | 0:34      | 12:48 | 8:49      | 21:12 | 30 Fr         | 2:20      | 14:58 | 10:37     | 23:44 |
| 31 Mi          | 1:35      | 13:58 | 9:51      | 22:31 | 31 Sa         | 3:52      | 16:28 |           | 12:06 |

● Neumond   ● erstes Viertel   ○ Vollmond   ● letztes Viertel

Mitteleuropäische Sommerzeit

**Bremen, Borgfeld, Wümmе 2024**

Breite: 53° 08' N, Länge: 8° 54' E

| Tag     | September |       |           |       | Tag     | Oktober   |       |           |       |
|---------|-----------|-------|-----------|-------|---------|-----------|-------|-----------|-------|
|         | HW - Zeit |       | NW - Zeit |       |         | HW - Zeit |       | NW - Zeit |       |
| 1 So    | 5:08      | 17:36 | 1:07      | 13:16 | 1 Di    | 5:35      | 17:54 | 1:45      | 13:43 |
| 2 Mo    | 6:01      | 18:23 | 2:05      | 14:07 | 2 Mi ●  | 6:08      | 18:26 | 2:18      | 14:17 |
| 3 Di ●  | 6:41      | 19:01 | 2:48      | 14:47 | 3 Do    | 6:41      | 18:59 | 2:47      | 14:52 |
| 4 Mi    | 7:17      | 19:36 | 3:23      | 15:22 | 4 Fr    | 7:14      | 19:31 | 3:17      | 15:24 |
| 5 Do    | 7:48      | 20:07 | 3:53      | 15:52 | 5 Sa    | 7:43      | 19:59 | 3:44      | 15:52 |
| 6 Fr    | 8:14      | 20:33 | 4:18      | 16:19 | 6 So    | 8:07      | 20:23 | 4:08      | 16:18 |
| 7 Sa    | 8:37      | 20:56 | 4:41      | 16:45 | 7 Mo    | 8:31      | 20:47 | 4:30      | 16:45 |
| 8 So    | 9:02      | 21:22 | 5:05      | 17:13 | 8 Di    | 8:56      | 21:11 | 4:54      | 17:13 |
| 9 Mo    | 9:29      | 21:46 | 5:31      | 17:43 | 9 Mi    | 9:20      | 21:34 | 5:20      | 17:42 |
| 10 Di   | 9:51      | 22:05 | 5:56      | 18:08 | 10 Do ● | 9:44      | 22:02 | 5:45      | 18:15 |
| 11 Mi ● | 10:09     | 22:27 | 6:16      | 18:33 | 11 Fr   | 10:21     | 22:52 | 6:18      | 19:04 |
| 12 Do   | 10:41     | 23:15 | 6:44      | 19:20 | 12 Sa   | 11:28     |       | 7:20      | 20:25 |
| 13 Fr   | 11:51     |       | 7:46      | 20:45 | 13 So   | 0:13      | 13:06 | 8:53      | 22:08 |
| 14 Sa   | 0:40      | 13:33 | 9:22      | 22:32 | 14 Mo   | 1:55      | 14:50 | 10:36     | 23:43 |
| 15 So   | 2:24      | 15:19 | 11:05     |       | 15 Di   | 3:32      | 16:15 |           | 12:00 |
| 16 Mo   | 4:02      | 16:44 | 0:08      | 12:30 | 16 Mi   | 4:48      | 17:19 | 0:52      | 13:02 |
| 17 Di   | 5:18      | 17:48 | 1:20      | 13:32 | 17 Do ○ | 5:46      | 18:10 | 1:43      | 13:52 |
| 18 Mi ○ | 6:15      | 18:40 | 2:15      | 14:21 | 18 Fr   | 6:32      | 18:57 | 2:28      | 14:38 |
| 19 Do   | 7:03      | 19:26 | 3:00      | 15:06 | 19 Sa   | 7:13      | 19:41 | 3:10      | 15:24 |
| 20 Fr   | 7:45      | 20:11 | 3:42      | 15:51 | 20 So   | 7:54      | 20:22 | 3:50      | 16:10 |
| 21 Sa   | 8:26      | 20:54 | 4:24      | 16:36 | 21 Mo   | 8:33      | 21:02 | 4:29      | 16:54 |
| 22 So   | 9:03      | 21:32 | 5:03      | 17:16 | 22 Di   | 9:11      | 21:37 | 5:05      | 17:33 |
| 23 Mo   | 9:37      | 22:05 | 5:36      | 17:52 | 23 Mi   | 9:44      | 22:09 | 5:37      | 18:09 |
| 24 Di ● | 10:09     | 22:37 | 6:06      | 18:29 | 24 Do ● | 10:20     | 22:48 | 6:12      | 18:52 |
| 25 Mi   | 10:43     | 23:16 | 6:40      | 19:12 | 25 Fr   | 11:07     | 23:44 | 6:58      | 19:50 |
| 26 Do   | 11:33     |       | 7:25      | 20:13 | 26 Sa   |           | 12:17 | 8:02      | 21:09 |
| 27 Fr   | 0:16      | 12:50 | 8:33      | 21:41 | 27 So   | 1:03      | 12:47 | 8:27      | 21:42 |
| 28 Sa   | 1:45      | 14:29 | 10:07     | 23:24 | 28 Mo   | 1:36      | 14:17 | 10:00     | 23:06 |
| 29 So   | 3:24      | 16:04 | 11:44     |       | 29 Di   | 2:56      | 15:25 | 11:13     | 23:59 |
| 30 Mo   | 4:45      | 17:12 | 0:51      | 12:57 | 30 Mi   | 3:50      | 16:09 |           | 12:00 |
|         |           |       |           |       | 31 Do   | 4:25      | 16:43 | 0:31      | 12:35 |

● Neumond   ● erstes Viertel   ○ Vollmond   ● letztes Viertel

**Bis 27.10. 3 Uhr Mitteleuropäische Sommerzeit**

**Bremen, Borgfeld, Wümmе 2024**

Breite: 53° 08' N, Länge: 8° 54' E

| Tag     | November  |       |           |       | Tag     | Dezember  |       |           |       |
|---------|-----------|-------|-----------|-------|---------|-----------|-------|-----------|-------|
|         | HW - Zeit |       | NW - Zeit |       |         | HW - Zeit |       | NW - Zeit |       |
| 1 Fr ●  | 5:00      | 17:18 | 1:02      | 13:13 | 1 So ●  | 4:59      | 17:16 | 0:54      | 13:14 |
| 2 Sa    | 5:38      | 17:53 | 1:36      | 13:49 | 2 Mo    | 5:37      | 17:53 | 1:32      | 13:52 |
| 3 So    | 6:10      | 18:25 | 2:07      | 14:21 | 3 Di    | 6:11      | 18:29 | 2:04      | 14:28 |
| 4 Mo    | 6:37      | 18:53 | 2:34      | 14:51 | 4 Mi    | 6:45      | 19:04 | 2:37      | 15:06 |
| 5 Di    | 7:04      | 19:20 | 3:00      | 15:20 | 5 Do    | 7:22      | 19:40 | 3:11      | 15:45 |
| 6 Mi    | 7:33      | 19:49 | 3:26      | 15:52 | 6 Fr    | 8:00      | 20:17 | 3:47      | 16:27 |
| 7 Do    | 8:04      | 20:20 | 3:56      | 16:29 | 7 Sa    | 8:40      | 20:57 | 4:27      | 17:14 |
| 8 Fr    | 8:38      | 20:56 | 4:30      | 17:11 | 8 So ☾  | 9:24      | 21:43 | 5:13      | 18:06 |
| 9 Sa ☾  | 9:20      | 21:46 | 5:12      | 18:04 | 9 Mo    | 10:15     | 22:39 | 6:06      | 19:03 |
| 10 So   | 10:21     | 22:56 | 6:10      | 19:14 | 10 Di   | 11:19     | 23:48 | 7:09      | 20:09 |
| 11 Mo   | 11:43     |       | 7:31      | 20:41 | 11 Mi   |           | 12:35 | 8:23      | 21:21 |
| 12 Di   | 0:23      | 13:15 | 9:01      | 22:06 | 12 Do   | 1:05      | 13:52 | 9:38      | 22:27 |
| 13 Mi   | 1:52      | 14:36 | 10:21     | 23:12 | 13 Fr   | 2:20      | 15:01 | 10:47     | 23:25 |
| 14 Do   | 3:07      | 15:41 | 11:24     |       | 14 Sa   | 3:28      | 16:03 | 11:51     |       |
| 15 Fr ○ | 4:07      | 16:36 | 0:05      | 12:19 | 15 So ○ | 4:27      | 16:59 | 0:21      | 12:51 |
| 16 Sa   | 4:57      | 17:26 | 0:53      | 13:11 | 16 Mo   | 5:18      | 17:50 | 1:14      | 13:46 |
| 17 So   | 5:42      | 18:11 | 1:38      | 14:01 | 17 Di   | 6:06      | 18:36 | 2:00      | 14:35 |
| 18 Mo   | 6:24      | 18:54 | 2:20      | 14:48 | 18 Mi   | 6:54      | 19:21 | 2:43      | 15:22 |
| 19 Di   | 7:08      | 19:37 | 3:01      | 15:36 | 19 Do   | 7:40      | 20:02 | 3:24      | 16:06 |
| 20 Mi   | 7:52      | 20:16 | 3:41      | 16:19 | 20 Fr   | 8:20      | 20:36 | 4:02      | 16:42 |
| 21 Do   | 8:30      | 20:52 | 4:17      | 16:56 | 21 Sa   | 8:54      | 21:09 | 4:37      | 17:16 |
| 22 Fr   | 9:06      | 21:29 | 4:53      | 17:36 | 22 So ☽ | 9:28      | 21:45 | 5:14      | 17:54 |
| 23 Sa ☽ | 9:48      | 22:15 | 5:36      | 18:25 | 23 Mo   | 10:07     | 22:25 | 5:56      | 18:37 |
| 24 So   | 10:44     | 23:15 | 6:30      | 19:26 | 24 Di   | 10:53     | 23:14 | 6:42      | 19:25 |
| 25 Mo   | 11:52     |       | 7:36      | 20:38 | 25 Mi   | 11:46     |       | 7:35      | 20:21 |
| 26 Di   | 0:28      | 13:07 | 8:52      | 21:51 | 26 Do   | 0:13      | 12:47 | 8:40      | 21:23 |
| 27 Mi   | 1:42      | 14:14 | 10:03     | 22:49 | 27 Fr   | 1:20      | 13:52 | 9:48      | 22:24 |
| 28 Do   | 2:43      | 15:07 | 10:59     | 23:32 | 28 Sa   | 2:26      | 14:55 | 10:52     | 23:22 |
| 29 Fr   | 3:32      | 15:52 | 11:45     |       | 29 So   | 3:26      | 15:53 | 11:52     |       |
| 30 Sa   | 4:16      | 16:35 | 0:12      | 12:30 | 30 Mo ● | 4:20      | 16:44 | 0:16      | 12:45 |
|         |           |       |           |       | 31 Di   | 5:08      | 17:30 | 1:03      | 13:31 |

● Neumond    ☾ erstes Viertel    ○ Vollmond    ☽ letztes Viertel

**Mitteuropäische Zeit**