

JANUAR 2028

HAUPTKALENDARIUM

| Datum | Jahres- tag | Kalen- der- wo- che | Sonn- und Feiertage | Son- nen- lauf | Mondlauf | | |
|-------|----------------|------------------------------|----------------------------|----------------------|----------|--------------------------|--|
| | | | | | Phase | Länge im Tierkreis | Mondwenden Entfernung Mondknoten |
| 01 Sa | 001 | 52 | Neujahr | | ♁ | 25° | Erdferne |
| 02 So | 002 | | 1 So. nach Weihnachten | | ♁ | 07° | |
| 03 Mo | 003 | 01 | Epiphania | 1) | ♁ | 19° | |
| 04 Di | 004 | | | | ♁ | 01° | |
| 05 Mi | 005 | | | | ♁ | 13° | |
| 06 Do | 006 | | | | ♁ | 25° | |
| 07 Fr | 007 | | | | ♁ | 08° | |
| 08 Sa | 008 | | | | ♁ | 21° | |
| 09 So | 009 | | 1. So. nach Epiphania | | ♁ | 05° | |
| 10 Mo | 010 | 02 | | 2) | ♁ | 19° | Nordw. |
| 11 Di | 011 | | | | ♁ | 04° | |
| 12 Mi | 012 | | | | ♁ | 18° | Erdnähe |
| 13 Do | 013 | | | | ♁ | 03° | |
| 14 Fr | 014 | | | | ♁ | 18° | |
| 15 Sa | 015 | | | | ♁ | 03° | |
| 16 So | 016 | | 2. So. nach Epiphania | | ♁ | 18° | |
| 17 Mo | 017 | 03 | | ≈*) | ♁ | 02° | |
| 18 Di | 018 | | | | ♁ | 17° | |
| 19 Mi | 019 | | | | ♁ | 00° | Südw. |
| 20 Do | 020 | | | | ♁ | 14° | |
| 21 Fr | 021 | | | | ♁ | 27° | |
| 22 Sa | 022 | | | | ♁ | 09° | |
| 23 So | 023 | | 3. So. nach Epiphania | | ♁ | 22° | |
| 24 Mo | 024 | 04 | | 3) | ♁ | 04° | |
| 25 Di | 025 | | | | ♁ | 16° | |
| 26 Mi | 026 | | | | ♁ | 28° | Erdferne |
| 27 Do | 027 | | | | ♁ | 10° | |
| 28 Fr | 028 | | | | ♁ | 22° | |
| 29 Sa | 029 | | | | ♁ | 04° | |
| 30 So | 030 | | Letzter So. nach Epiphania | | ♁ | 15° | |
| 31 Mo | 031 | 05 | | | ♁ | 27° | |

*) Am 20. Januar um 14:22 Uhr MEZ tritt die Sonne ins Zeichen Wassermann (♁)

1) Erde im kleinsten Abstand von der Sonne. 2) Partielle Mondfinsternis, in Deutschland sichtbar (s. Seite 112). 3) Ringförmige Sonnenfinsternis, in Deutschland nicht sichtbar (s. Seite 112).

Januar 2028

| | KASSEL | | | | BERLIN | | | | BREMEN | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 08:27 | 16:24 | 10:32 | 21:29 | 08:17 | 16:02 | 10:19 | 21:11 | 08:39 | 16:18 | 10:38 | 21:30 |
| 02 | 08:27 | 16:25 | 10:45 | 22:37 | 08:17 | 16:04 | 10:30 | 22:21 | 08:38 | 16:19 | 10:49 | 22:40 |
| 03 | 08:27 | 16:26 | 10:57 | 23:46 | 08:17 | 16:05 | 10:41 | 23:31 | 08:38 | 16:20 | 10:59 | 23:50 |
| 04 | 08:26 | 16:27 | 11:09 | — | 08:17 | 16:06 | 10:52 | — | 08:38 | 16:21 | 11:10 | — |
| 05 | 08:26 | 16:29 | 11:24 | 00:56 | 08:16 | 16:07 | 11:05 | 00:42 | 08:38 | 16:22 | 11:22 | 01:03 |
| 06 | 08:26 | 16:30 | 11:41 | 02:09 | 08:16 | 16:08 | 11:21 | 01:57 | 08:37 | 16:24 | 11:37 | 02:18 |
| 07 | 08:25 | 16:31 | 12:03 | 03:26 | 08:16 | 16:10 | 11:42 | 03:15 | 08:37 | 16:25 | 11:58 | 03:37 |
| 08 | 08:25 | 16:32 | 12:35 | 04:45 | 08:15 | 16:11 | 12:12 | 04:35 | 08:36 | 16:26 | 12:27 | 04:58 |
| 09 | 08:24 | 16:34 | 13:19 | 06:01 | 08:15 | 16:12 | 12:55 | 05:53 | 08:36 | 16:28 | 13:10 | 06:16 |
| 10 | 08:24 | 16:35 | 14:21 | 07:08 | 08:14 | 16:14 | 13:56 | 07:01 | 08:35 | 16:29 | 14:11 | 07:24 |
| 11 | 08:23 | 16:36 | 15:40 | 08:01 | 08:13 | 16:15 | 15:16 | 07:53 | 08:35 | 16:31 | 15:32 | 08:16 |
| 12 | 08:23 | 16:38 | 17:09 | 08:40 | 08:13 | 16:17 | 16:47 | 08:31 | 08:34 | 16:32 | 17:04 | 08:52 |
| 13 | 08:22 | 16:39 | 18:41 | 09:09 | 08:12 | 16:18 | 18:21 | 08:57 | 08:33 | 16:34 | 18:39 | 09:18 |
| 14 | 08:21 | 16:41 | 20:12 | 09:30 | 08:11 | 16:20 | 19:53 | 09:17 | 08:32 | 16:36 | 20:12 | 09:37 |
| 15 | 08:21 | 16:42 | 21:39 | 09:48 | 08:10 | 16:21 | 21:22 | 09:33 | 08:31 | 16:37 | 21:42 | 09:53 |
| 16 | 08:20 | 16:44 | 23:04 | 10:04 | 08:09 | 16:23 | 22:49 | 09:48 | 08:30 | 16:39 | 23:09 | 10:06 |
| 17 | 08:19 | 16:45 | — | 10:20 | 08:09 | 16:25 | — | 10:02 | 08:29 | 16:40 | — | 10:20 |
| 18 | 08:18 | 16:47 | 00:27 | 10:37 | 08:08 | 16:26 | 00:13 | 10:18 | 08:28 | 16:42 | 00:34 | 10:35 |
| 19 | 08:17 | 16:49 | 01:49 | 10:57 | 08:06 | 16:28 | 01:37 | 10:36 | 08:27 | 16:44 | 01:58 | 10:53 |
| 20 | 08:16 | 16:50 | 03:09 | 11:22 | 08:05 | 16:30 | 02:58 | 11:00 | 08:26 | 16:46 | 03:21 | 11:16 |
| 21 | 08:15 | 16:52 | 04:24 | 11:55 | 08:04 | 16:32 | 04:15 | 11:32 | 08:25 | 16:47 | 04:38 | 11:47 |
| 22 | 08:14 | 16:54 | 05:32 | 12:38 | 08:03 | 16:33 | 05:24 | 12:14 | 08:24 | 16:49 | 05:47 | 12:29 |
| 23 | 08:13 | 16:55 | 06:27 | 13:33 | 08:02 | 16:35 | 06:20 | 13:08 | 08:22 | 16:51 | 06:43 | 13:23 |
| 24 | 08:11 | 16:57 | 07:10 | 14:37 | 08:01 | 16:37 | 07:02 | 14:13 | 08:21 | 16:53 | 07:25 | 14:28 |
| 25 | 08:10 | 16:59 | 07:42 | 15:46 | 07:59 | 16:39 | 07:33 | 15:24 | 08:20 | 16:55 | 07:55 | 15:40 |
| 26 | 08:09 | 17:00 | 08:06 | 16:57 | 07:58 | 16:40 | 07:56 | 16:36 | 08:18 | 16:57 | 08:17 | 16:53 |
| 27 | 08:08 | 17:02 | 08:25 | 18:08 | 07:57 | 16:42 | 08:13 | 17:48 | 08:17 | 16:58 | 08:33 | 18:06 |
| 28 | 08:06 | 17:04 | 08:40 | 19:17 | 07:55 | 16:44 | 08:27 | 18:59 | 08:15 | 17:00 | 08:46 | 19:17 |
| 29 | 08:05 | 17:06 | 08:53 | 20:26 | 07:54 | 16:46 | 08:39 | 20:09 | 08:14 | 17:02 | 08:58 | 20:28 |
| 30 | 08:03 | 17:08 | 09:05 | 21:34 | 07:52 | 16:48 | 08:49 | 21:18 | 08:12 | 17:04 | 09:08 | 21:38 |
| 31 | 08:02 | 17:09 | 09:17 | 22:43 | 07:51 | 16:50 | 09:00 | 22:28 | 08:11 | 17:06 | 09:18 | 22:48 |

In +50° geogr. Breite: Dauer der bürgerlichen Dämmerung am 15. Jan. 37m.
Tagesl. am 1. Jan. 8h10m, am 31. Jan. 9h16m; somit Zunahme der Tagesl. im Jan. 1h06m.

Januar 2028

| | DRESDEN | | | | FRANKFURT/M. | | | | FREIBURG | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 08:08 | 16:08 | 10:15 | 21:12 | 08:24 | 16:33 | 10:34 | 21:34 | 08:18 | 16:46 | 10:34 | 21:40 |
| 02 | 08:08 | 16:09 | 10:28 | 22:20 | 08:24 | 16:34 | 10:47 | 22:41 | 08:18 | 16:47 | 10:49 | 22:45 |
| 03 | 08:08 | 16:11 | 10:40 | 23:28 | 08:24 | 16:35 | 11:01 | 23:48 | 08:18 | 16:48 | 11:04 | 23:50 |
| 04 | 08:08 | 16:12 | 10:53 | — | 08:24 | 16:36 | 11:14 | — | 08:18 | 16:49 | 11:20 | — |
| 05 | 08:08 | 16:13 | 11:07 | 00:38 | 08:24 | 16:37 | 11:30 | 00:57 | 08:18 | 16:50 | 11:37 | 00:57 |
| 06 | 08:08 | 16:14 | 11:25 | 01:51 | 08:23 | 16:39 | 11:48 | 02:09 | 08:18 | 16:51 | 11:58 | 02:07 |
| 07 | 08:07 | 16:15 | 11:47 | 03:07 | 08:23 | 16:40 | 12:12 | 03:24 | 08:18 | 16:52 | 12:24 | 03:20 |
| 08 | 08:07 | 16:17 | 12:19 | 04:25 | 08:23 | 16:41 | 12:45 | 04:42 | 08:17 | 16:53 | 12:59 | 04:35 |
| 09 | 08:06 | 16:18 | 13:03 | 05:41 | 08:22 | 16:42 | 13:30 | 05:57 | 08:17 | 16:54 | 13:46 | 05:48 |
| 10 | 08:06 | 16:19 | 14:05 | 06:49 | 08:22 | 16:44 | 14:32 | 07:04 | 08:17 | 16:56 | 14:48 | 06:55 |
| 11 | 08:05 | 16:21 | 15:23 | 07:42 | 08:21 | 16:45 | 15:50 | 07:58 | 08:16 | 16:57 | 16:05 | 07:50 |
| 12 | 08:05 | 16:22 | 16:52 | 08:22 | 08:21 | 16:46 | 17:18 | 08:38 | 08:16 | 16:58 | 17:30 | 08:32 |
| 13 | 08:04 | 16:23 | 18:24 | 08:51 | 08:20 | 16:48 | 18:49 | 09:08 | 08:15 | 16:59 | 18:58 | 09:05 |
| 14 | 08:03 | 16:25 | 19:54 | 09:13 | 08:19 | 16:49 | 20:17 | 09:31 | 08:14 | 17:01 | 20:24 | 09:30 |
| 15 | 08:02 | 16:26 | 21:21 | 09:31 | 08:19 | 16:51 | 21:43 | 09:50 | 08:14 | 17:02 | 21:47 | 09:52 |
| 16 | 08:02 | 16:28 | 22:46 | 09:47 | 08:18 | 16:52 | 23:06 | 10:08 | 08:13 | 17:03 | 23:08 | 10:12 |
| 17 | 08:01 | 16:30 | — | 10:03 | 08:17 | 16:54 | — | 10:25 | 08:12 | 17:05 | — | 10:31 |
| 18 | 08:00 | 16:31 | 00:09 | 10:20 | 08:16 | 16:55 | 00:28 | 10:43 | 08:12 | 17:06 | 00:27 | 10:52 |
| 19 | 07:59 | 16:33 | 01:30 | 10:41 | 08:15 | 16:57 | 01:48 | 11:05 | 08:11 | 17:08 | 01:45 | 11:16 |
| 20 | 07:58 | 16:34 | 02:50 | 11:06 | 08:14 | 16:58 | 03:07 | 11:31 | 08:10 | 17:09 | 03:01 | 11:44 |
| 21 | 07:57 | 16:36 | 04:05 | 11:39 | 08:13 | 17:00 | 04:21 | 12:06 | 08:09 | 17:11 | 04:13 | 12:21 |
| 22 | 07:56 | 16:38 | 05:12 | 12:23 | 08:12 | 17:01 | 05:27 | 12:50 | 08:08 | 17:12 | 05:18 | 13:06 |
| 23 | 07:55 | 16:39 | 06:08 | 13:17 | 08:11 | 17:03 | 06:23 | 13:44 | 08:07 | 17:14 | 06:14 | 14:00 |
| 24 | 07:53 | 16:41 | 06:51 | 14:21 | 08:10 | 17:05 | 07:06 | 14:47 | 08:06 | 17:15 | 06:58 | 15:02 |
| 25 | 07:52 | 16:43 | 07:24 | 15:30 | 08:09 | 17:06 | 07:39 | 15:56 | 08:05 | 17:17 | 07:33 | 16:08 |
| 26 | 07:51 | 16:45 | 07:48 | 16:41 | 08:08 | 17:08 | 08:05 | 17:05 | 08:04 | 17:18 | 08:00 | 17:16 |
| 27 | 07:50 | 16:46 | 08:07 | 17:51 | 08:07 | 17:10 | 08:24 | 18:15 | 08:03 | 17:20 | 08:22 | 18:23 |
| 28 | 07:48 | 16:48 | 08:22 | 19:00 | 08:05 | 17:11 | 08:41 | 19:23 | 08:02 | 17:21 | 08:40 | 19:30 |
| 29 | 07:47 | 16:50 | 08:35 | 20:08 | 08:04 | 17:13 | 08:55 | 20:30 | 08:01 | 17:23 | 08:56 | 20:35 |
| 30 | 07:46 | 16:51 | 08:48 | 21:16 | 08:03 | 17:15 | 09:08 | 21:37 | 08:00 | 17:25 | 09:11 | 21:39 |
| 31 | 07:44 | 16:53 | 09:00 | 22:25 | 08:01 | 17:16 | 09:22 | 22:44 | 07:58 | 17:26 | 09:27 | 22:45 |

Januar 2028

| | HAMBURG | | | | HANNOVER | | | | KÖLN | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 08:36 | 16:10 | 10:34 | 21:24 | 08:31 | 16:18 | 10:33 | 21:27 | 08:35 | 16:36 | 10:42 | 21:40 |
| 02 | 08:36 | 16:12 | 10:45 | 22:35 | 08:31 | 16:19 | 10:45 | 22:36 | 08:35 | 16:37 | 10:55 | 22:48 |
| 03 | 08:36 | 16:13 | 10:54 | 23:46 | 08:31 | 16:20 | 10:56 | 23:46 | 08:35 | 16:38 | 11:07 | 23:56 |
| 04 | 08:36 | 16:14 | 11:05 | — | 08:31 | 16:21 | 11:07 | — | 08:35 | 16:39 | 11:20 | — |
| 05 | 08:35 | 16:15 | 11:16 | 00:59 | 08:30 | 16:22 | 11:20 | 00:57 | 08:34 | 16:41 | 11:35 | 01:06 |
| 06 | 08:35 | 16:17 | 11:31 | 02:15 | 08:30 | 16:24 | 11:36 | 02:12 | 08:34 | 16:42 | 11:52 | 02:19 |
| 07 | 08:35 | 16:18 | 11:51 | 03:34 | 08:30 | 16:25 | 11:57 | 03:30 | 08:34 | 16:43 | 12:15 | 03:35 |
| 08 | 08:34 | 16:19 | 12:19 | 04:56 | 08:29 | 16:26 | 12:27 | 04:50 | 08:33 | 16:44 | 12:47 | 04:53 |
| 09 | 08:33 | 16:21 | 13:01 | 06:14 | 08:29 | 16:28 | 13:11 | 06:07 | 08:33 | 16:46 | 13:32 | 06:09 |
| 10 | 08:33 | 16:22 | 14:03 | 07:22 | 08:28 | 16:29 | 14:13 | 07:15 | 08:32 | 16:47 | 14:34 | 07:16 |
| 11 | 08:32 | 16:24 | 15:23 | 08:14 | 08:27 | 16:31 | 15:32 | 08:07 | 08:32 | 16:48 | 15:53 | 08:10 |
| 12 | 08:31 | 16:25 | 16:56 | 08:50 | 08:27 | 16:32 | 17:03 | 08:45 | 08:31 | 16:50 | 17:22 | 08:49 |
| 13 | 08:31 | 16:27 | 18:32 | 09:15 | 08:26 | 16:34 | 18:37 | 09:11 | 08:31 | 16:51 | 18:53 | 09:18 |
| 14 | 08:30 | 16:28 | 20:06 | 09:33 | 08:25 | 16:35 | 20:09 | 09:32 | 08:30 | 16:53 | 20:23 | 09:40 |
| 15 | 08:29 | 16:30 | 21:36 | 09:48 | 08:24 | 16:37 | 21:38 | 09:48 | 08:29 | 16:54 | 21:50 | 09:58 |
| 16 | 08:28 | 16:32 | 23:04 | 10:01 | 08:23 | 16:38 | 23:04 | 10:03 | 08:28 | 16:56 | 23:14 | 10:14 |
| 17 | 08:27 | 16:34 | — | 10:14 | 08:22 | 16:40 | — | 10:17 | 08:27 | 16:57 | — | 10:31 |
| 18 | 08:26 | 16:35 | 00:30 | 10:29 | 08:21 | 16:42 | 00:29 | 10:33 | 08:26 | 16:59 | 00:37 | 10:48 |
| 19 | 08:25 | 16:37 | 01:55 | 10:46 | 08:20 | 16:43 | 01:52 | 10:52 | 08:26 | 17:00 | 01:58 | 11:09 |
| 20 | 08:24 | 16:39 | 03:18 | 11:08 | 08:19 | 16:45 | 03:13 | 11:16 | 08:25 | 17:02 | 03:18 | 11:34 |
| 21 | 08:22 | 16:41 | 04:37 | 11:38 | 08:18 | 16:47 | 04:30 | 11:47 | 08:24 | 17:04 | 04:33 | 12:08 |
| 22 | 08:21 | 16:42 | 05:46 | 12:20 | 08:17 | 16:48 | 05:38 | 12:30 | 08:22 | 17:05 | 05:40 | 12:51 |
| 23 | 08:20 | 16:44 | 06:42 | 13:14 | 08:16 | 16:50 | 06:34 | 13:24 | 08:21 | 17:07 | 06:35 | 13:46 |
| 24 | 08:18 | 16:46 | 07:23 | 14:20 | 08:15 | 16:52 | 07:16 | 14:29 | 08:20 | 17:09 | 07:18 | 14:50 |
| 25 | 08:17 | 16:48 | 07:53 | 15:32 | 08:13 | 16:54 | 07:47 | 15:40 | 08:19 | 17:10 | 07:51 | 15:59 |
| 26 | 08:16 | 16:50 | 08:14 | 16:46 | 08:12 | 16:56 | 08:10 | 16:52 | 08:18 | 17:12 | 08:15 | 17:10 |
| 27 | 08:14 | 16:52 | 08:30 | 18:00 | 08:11 | 16:57 | 08:27 | 18:04 | 08:16 | 17:14 | 08:34 | 18:20 |
| 28 | 08:13 | 16:54 | 08:43 | 19:11 | 08:09 | 16:59 | 08:41 | 19:15 | 08:15 | 17:15 | 08:49 | 19:29 |
| 29 | 08:11 | 16:56 | 08:53 | 20:22 | 08:08 | 17:01 | 08:53 | 20:24 | 08:14 | 17:17 | 09:03 | 20:37 |
| 30 | 08:09 | 16:58 | 09:03 | 21:33 | 08:06 | 17:03 | 09:04 | 21:33 | 08:12 | 17:19 | 09:15 | 21:44 |
| 31 | 08:08 | 17:00 | 09:13 | 22:44 | 08:05 | 17:05 | 09:15 | 22:43 | 08:11 | 17:21 | 09:28 | 22:53 |

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| | LEIPZIG | | | | MÜNCHEN | | | | NÜRNBERG | | | |
|-------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|----------|-----------|---------|-----------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Datum | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang |
| 01 | 08:15 | 16:12 | 10:21 | 21:17 | 08:04 | 16:30 | 10:19 | 21:24 | 08:12 | 16:26 | 10:23 | 21:25 |
| 02 | 08:15 | 16:14 | 10:33 | 22:25 | 08:04 | 16:31 | 10:34 | 22:29 | 08:12 | 16:27 | 10:37 | 22:31 |
| 03 | 08:15 | 16:15 | 10:45 | 23:34 | 08:04 | 16:32 | 10:49 | 23:35 | 08:12 | 16:29 | 10:51 | 23:38 |
| 04 | 08:15 | 16:16 | 10:58 | — | 08:04 | 16:33 | 11:05 | — | 08:11 | 16:30 | 11:05 | — |
| 05 | 08:15 | 16:17 | 11:12 | 00:44 | 08:04 | 16:34 | 11:22 | 00:42 | 08:11 | 16:31 | 11:21 | 00:46 |
| 06 | 08:14 | 16:18 | 11:29 | 01:57 | 08:04 | 16:35 | 11:43 | 01:52 | 08:11 | 16:32 | 11:41 | 01:57 |
| 07 | 08:14 | 16:19 | 11:52 | 03:14 | 08:03 | 16:37 | 12:08 | 03:05 | 08:11 | 16:33 | 12:05 | 03:12 |
| 08 | 08:14 | 16:21 | 12:23 | 04:33 | 08:03 | 16:38 | 12:43 | 04:20 | 08:10 | 16:34 | 12:38 | 04:28 |
| 09 | 08:13 | 16:22 | 13:07 | 05:49 | 08:03 | 16:39 | 13:30 | 05:33 | 08:10 | 16:36 | 13:24 | 05:43 |
| 10 | 08:13 | 16:23 | 14:09 | 06:56 | 08:02 | 16:40 | 14:32 | 06:40 | 08:09 | 16:37 | 14:26 | 06:50 |
| 11 | 08:12 | 16:25 | 15:27 | 07:50 | 08:02 | 16:41 | 15:48 | 07:35 | 08:09 | 16:38 | 15:44 | 07:44 |
| 12 | 08:11 | 16:26 | 16:57 | 08:29 | 08:01 | 16:43 | 17:14 | 08:17 | 08:08 | 16:40 | 17:11 | 08:25 |
| 13 | 08:11 | 16:28 | 18:29 | 08:57 | 08:01 | 16:44 | 18:42 | 08:50 | 08:08 | 16:41 | 18:40 | 08:56 |
| 14 | 08:10 | 16:29 | 20:00 | 09:19 | 08:00 | 16:45 | 20:08 | 09:15 | 08:07 | 16:42 | 20:08 | 09:20 |
| 15 | 08:09 | 16:31 | 21:27 | 09:36 | 08:00 | 16:47 | 21:32 | 09:37 | 08:07 | 16:44 | 21:33 | 09:40 |
| 16 | 08:08 | 16:32 | 22:52 | 09:52 | 07:59 | 16:48 | 22:52 | 09:56 | 08:06 | 16:45 | 22:56 | 09:58 |
| 17 | 08:07 | 16:34 | — | 10:08 | 07:58 | 16:50 | — | 10:16 | 08:05 | 16:47 | — | 10:16 |
| 18 | 08:06 | 16:35 | 00:15 | 10:25 | 07:57 | 16:51 | 00:12 | 10:36 | 08:04 | 16:48 | 00:16 | 10:35 |
| 19 | 08:05 | 16:37 | 01:37 | 10:45 | 07:57 | 16:52 | 01:30 | 11:00 | 08:03 | 16:50 | 01:36 | 10:57 |
| 20 | 08:04 | 16:39 | 02:57 | 11:10 | 07:56 | 16:54 | 02:46 | 11:29 | 08:02 | 16:51 | 02:54 | 11:25 |
| 21 | 08:03 | 16:40 | 04:12 | 11:43 | 07:55 | 16:55 | 03:58 | 12:04 | 08:01 | 16:53 | 04:07 | 12:00 |
| 22 | 08:02 | 16:42 | 05:20 | 12:26 | 07:54 | 16:57 | 05:03 | 12:49 | 08:00 | 16:54 | 05:13 | 12:44 |
| 23 | 08:01 | 16:44 | 06:15 | 13:21 | 07:53 | 16:58 | 05:59 | 13:44 | 07:59 | 16:56 | 06:09 | 13:38 |
| 24 | 08:00 | 16:45 | 06:59 | 14:25 | 07:52 | 17:00 | 06:44 | 14:46 | 07:58 | 16:57 | 06:53 | 14:41 |
| 25 | 07:59 | 16:47 | 07:31 | 15:34 | 07:51 | 17:01 | 07:18 | 15:52 | 07:57 | 16:59 | 07:26 | 15:49 |
| 26 | 07:58 | 16:49 | 07:55 | 16:45 | 07:50 | 17:03 | 07:45 | 17:00 | 07:56 | 17:01 | 07:52 | 16:58 |
| 27 | 07:56 | 16:51 | 08:13 | 17:56 | 07:49 | 17:05 | 08:07 | 18:08 | 07:55 | 17:02 | 08:13 | 18:06 |
| 28 | 07:55 | 16:52 | 08:28 | 19:05 | 07:48 | 17:06 | 08:25 | 19:14 | 07:54 | 17:04 | 08:30 | 19:14 |
| 29 | 07:53 | 16:54 | 08:41 | 20:14 | 07:46 | 17:08 | 08:41 | 20:19 | 07:52 | 17:06 | 08:45 | 20:20 |
| 30 | 07:52 | 16:56 | 08:53 | 21:22 | 07:45 | 17:09 | 08:56 | 21:24 | 07:51 | 17:07 | 08:58 | 21:26 |
| 31 | 07:51 | 16:58 | 09:06 | 22:31 | 07:44 | 17:11 | 09:11 | 22:30 | 07:50 | 17:09 | 09:12 | 22:33 |

Januar 2028

| | ROSTOCK | | | | SAARBRÜCKEN | | | | STUTT GART | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 08:31 | 15:59 | 10:27 | 21:14 | 08:27 | 16:44 | 10:39 | 21:42 | 08:16 | 16:37 | 10:29 | 21:34 |
| 02 | 08:31 | 16:00 | 10:36 | 22:25 | 08:27 | 16:45 | 10:54 | 22:48 | 08:16 | 16:38 | 10:44 | 22:39 |
| 03 | 08:31 | 16:01 | 10:46 | 23:37 | 08:27 | 16:46 | 11:08 | 23:55 | 08:16 | 16:39 | 10:59 | 23:45 |
| 04 | 08:30 | 16:02 | 10:55 | — | 08:27 | 16:47 | 11:22 | — | 08:16 | 16:40 | 11:14 | — |
| 05 | 08:30 | 16:04 | 11:06 | 00:51 | 08:27 | 16:48 | 11:38 | 01:03 | 08:16 | 16:41 | 11:30 | 00:53 |
| 06 | 08:29 | 16:05 | 11:20 | 02:07 | 08:26 | 16:49 | 11:58 | 02:14 | 08:16 | 16:42 | 11:50 | 02:03 |
| 07 | 08:29 | 16:06 | 11:39 | 03:28 | 08:26 | 16:50 | 12:23 | 03:28 | 08:15 | 16:44 | 12:16 | 03:17 |
| 08 | 08:28 | 16:08 | 12:06 | 04:50 | 08:26 | 16:52 | 12:56 | 04:44 | 08:15 | 16:45 | 12:50 | 04:33 |
| 09 | 08:28 | 16:09 | 12:48 | 06:10 | 08:25 | 16:53 | 13:42 | 05:59 | 08:15 | 16:46 | 13:36 | 05:47 |
| 10 | 08:27 | 16:11 | 13:49 | 07:18 | 08:25 | 16:54 | 14:45 | 07:05 | 08:14 | 16:47 | 14:38 | 06:54 |
| 11 | 08:26 | 16:12 | 15:10 | 08:09 | 08:24 | 16:55 | 16:02 | 08:00 | 08:14 | 16:49 | 15:55 | 07:48 |
| 12 | 08:26 | 16:14 | 16:44 | 08:44 | 08:24 | 16:57 | 17:29 | 08:41 | 08:13 | 16:50 | 17:21 | 08:30 |
| 13 | 08:25 | 16:15 | 18:21 | 09:08 | 08:23 | 16:58 | 18:58 | 09:12 | 08:13 | 16:51 | 18:50 | 09:02 |
| 14 | 08:24 | 16:17 | 19:56 | 09:26 | 08:23 | 16:59 | 20:26 | 09:36 | 08:12 | 16:53 | 20:17 | 09:26 |
| 15 | 08:23 | 16:19 | 21:27 | 09:40 | 08:22 | 17:01 | 21:51 | 09:56 | 08:11 | 16:54 | 21:42 | 09:47 |
| 16 | 08:22 | 16:21 | 22:56 | 09:53 | 08:21 | 17:02 | 23:13 | 10:15 | 08:11 | 16:55 | 23:03 | 10:06 |
| 17 | 08:21 | 16:22 | — | 10:05 | 08:20 | 17:04 | — | 10:33 | 08:10 | 16:57 | — | 10:25 |
| 18 | 08:20 | 16:24 | 00:23 | 10:18 | 08:20 | 17:05 | 00:33 | 10:52 | 08:09 | 16:58 | 00:23 | 10:45 |
| 19 | 08:19 | 16:26 | 01:48 | 10:35 | 08:19 | 17:07 | 01:52 | 11:15 | 08:08 | 17:00 | 01:42 | 11:08 |
| 20 | 08:17 | 16:28 | 03:12 | 10:56 | 08:18 | 17:08 | 03:10 | 11:43 | 08:08 | 17:01 | 02:59 | 11:36 |
| 21 | 08:16 | 16:30 | 04:31 | 11:26 | 08:17 | 17:10 | 04:23 | 12:18 | 08:07 | 17:03 | 04:11 | 12:11 |
| 22 | 08:15 | 16:31 | 05:41 | 12:07 | 08:16 | 17:11 | 05:29 | 13:02 | 08:06 | 17:04 | 05:17 | 12:56 |
| 23 | 08:14 | 16:33 | 06:37 | 13:01 | 08:15 | 17:13 | 06:24 | 13:57 | 08:05 | 17:06 | 06:13 | 13:50 |
| 24 | 08:12 | 16:35 | 07:18 | 14:07 | 08:14 | 17:15 | 07:08 | 14:59 | 08:04 | 17:07 | 06:57 | 14:53 |
| 25 | 08:11 | 16:37 | 07:47 | 15:20 | 08:13 | 17:16 | 07:42 | 16:07 | 08:03 | 17:09 | 07:31 | 16:00 |
| 26 | 08:09 | 16:39 | 08:08 | 16:35 | 08:12 | 17:18 | 08:08 | 17:16 | 08:01 | 17:10 | 07:58 | 17:08 |
| 27 | 08:08 | 16:41 | 08:23 | 17:49 | 08:10 | 17:19 | 08:29 | 18:24 | 08:00 | 17:12 | 08:19 | 18:16 |
| 28 | 08:06 | 16:43 | 08:35 | 19:01 | 08:09 | 17:21 | 08:46 | 19:31 | 07:59 | 17:14 | 08:36 | 19:23 |
| 29 | 08:05 | 16:45 | 08:45 | 20:13 | 08:08 | 17:23 | 09:01 | 20:38 | 07:58 | 17:15 | 08:52 | 20:29 |
| 30 | 08:03 | 16:47 | 08:55 | 21:24 | 08:07 | 17:24 | 09:15 | 21:44 | 07:57 | 17:17 | 09:06 | 21:34 |
| 31 | 08:01 | 16:49 | 09:04 | 22:36 | 08:05 | 17:26 | 09:29 | 22:50 | 07:55 | 17:19 | 09:21 | 22:41 |

FEBRUAR 2028

HAUPTKALENDARIUM

| Datum | Jahres- tag | Kalen- der- wo- che | Sonn- und Feiertage | Son- nen- lauf | Mondlauf | | |
|--------------|----------------|------------------------------|---------------------------------|----------------------|----------|--------------------------|--|
| | | | | | Phase | Länge im Tierkreis | Mondwenden Entfernung Mondknoten |
| 01 Di | 032 | | | | | ♈ 09° | |
| 02 Mi | 033 | | Mariä Lichtmess | | ● | ♈ 21° | |
| 03 Do | 034 | | | | | ♈ 04° | |
| 04 Fr | 035 | | | | | ♈ 17° | |
| 05 Sa | 036 | | | | | ♈ 30° | |
| 06 So | 037 | | 4. Sonntag vor der Passionszeit | | | ♈ 13° | Nordw. |
| 07 Mo | 038 | 06 | | | | ♈ 27° | |
| 08 Di | 039 | | | | | ♉ 11° | |
| 09 Mi | 040 | | | | | ♉ 26° | ♅ |
| 10 Do | 041 | | | | ○ | ♉ 11° | Erdnähe |
| 11 Fr | 042 | | | | | ♉ 26° | |
| 12 Sa | 043 | | | | | ♊ 12° | |
| 13 So | 044 | | Septuagesimä | | | ♊ 27° | |
| 14 Mo | 045 | 07 | | | | ♊ 12° | |
| 15 Di | 046 | | | | | ♊ 26° | |
| 16 Mi | 047 | | | | | ♋ 10° | |
| 17 Do | 048 | | | | ● | ♋ 23° | |
| 18 Fr | 049 | | | | | ♋ 06° | |
| 19 Sa | 050 | | |)(*) | | ♋ 19° | Südsw. |
| 20 So | 051 | | Sexagesimä | | | ♌ 01° | |
| 21 Mo | 052 | 08 | | | | ♌ 13° | |
| 22 Di | 053 | | | | | ♌ 25° | ♄ |
| 23 Mi | 054 | | | | | ♌ 07° | |
| 24 Do | 055 | | | | | ♌ 19° | Erdferne |
| 25 Fr | 056 | | | | | ♌ 01° | |
| 26 Sa | 057 | | | | ● | ♌ 12° | |
| 27 So | 058 | | Estomihi | | | ♌ 24° | |
| 28 Mo | 059 | 09 | Rosenmontag | | | ♌ 06° | |
| 29 Di | 060 | | Fastnacht | | | ♌ 18° | |

*) Am 19. Februar um 04:26 Uhr MEZ tritt die Sonne ins Zeichen Fische (♋)

Februar 2028

| | KASSEL | | | | BERLIN | | | | BREMEN | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 08:00 | 17:11 | 09:30 | 23:54 | 07:49 | 16:52 | 09:12 | 23:41 | 08:09 | 17:08 | 09:30 | — |
| 02 | 07:59 | 17:13 | 09:46 | — | 07:47 | 16:53 | 09:27 | — | 08:08 | 17:10 | 09:43 | 00:01 |
| 03 | 07:57 | 17:15 | 10:05 | 01:07 | 07:46 | 16:55 | 09:45 | 00:55 | 08:06 | 17:12 | 10:01 | 01:17 |
| 04 | 07:56 | 17:17 | 10:31 | 02:23 | 07:44 | 16:57 | 10:09 | 02:13 | 08:04 | 17:14 | 10:24 | 02:35 |
| 05 | 07:54 | 17:18 | 11:08 | 03:38 | 07:42 | 16:59 | 10:44 | 03:29 | 08:02 | 17:16 | 10:59 | 03:52 |
| 06 | 07:53 | 17:20 | 11:59 | 04:48 | 07:41 | 17:01 | 11:34 | 04:40 | 08:01 | 17:18 | 11:49 | 05:03 |
| 07 | 07:51 | 17:22 | 13:07 | 05:47 | 07:39 | 17:03 | 12:43 | 05:39 | 07:59 | 17:20 | 12:58 | 06:02 |
| 08 | 07:49 | 17:24 | 14:31 | 06:32 | 07:37 | 17:05 | 14:08 | 06:23 | 07:57 | 17:21 | 14:24 | 06:46 |
| 09 | 07:47 | 17:26 | 16:02 | 07:06 | 07:35 | 17:07 | 15:41 | 06:55 | 07:55 | 17:23 | 15:58 | 07:16 |
| 10 | 07:46 | 17:27 | 17:35 | 07:31 | 07:33 | 17:09 | 17:15 | 07:19 | 07:53 | 17:25 | 17:34 | 07:39 |
| 11 | 07:44 | 17:29 | 19:07 | 07:51 | 07:32 | 17:11 | 18:49 | 07:37 | 07:51 | 17:27 | 19:08 | 07:56 |
| 12 | 07:42 | 17:31 | 20:36 | 08:08 | 07:30 | 17:12 | 20:20 | 07:53 | 07:49 | 17:29 | 20:39 | 08:11 |
| 13 | 07:40 | 17:33 | 22:03 | 08:25 | 07:28 | 17:14 | 21:49 | 08:08 | 07:47 | 17:31 | 22:09 | 08:26 |
| 14 | 07:38 | 17:35 | 23:29 | 08:42 | 07:26 | 17:16 | 23:16 | 08:23 | 07:45 | 17:33 | 23:37 | 08:41 |
| 15 | 07:36 | 17:37 | — | 09:01 | 07:24 | 17:18 | — | 08:41 | 07:43 | 17:35 | — | 08:58 |
| 16 | 07:35 | 17:38 | 00:52 | 09:25 | 07:22 | 17:20 | 00:42 | 09:04 | 07:41 | 17:37 | 01:03 | 09:19 |
| 17 | 07:33 | 17:40 | 02:12 | 09:56 | 07:20 | 17:22 | 02:03 | 09:33 | 07:39 | 17:39 | 02:25 | 09:48 |
| 18 | 07:31 | 17:42 | 03:23 | 10:36 | 07:18 | 17:24 | 03:15 | 10:12 | 07:37 | 17:41 | 03:39 | 10:27 |
| 19 | 07:29 | 17:44 | 04:23 | 11:28 | 07:16 | 17:26 | 04:16 | 11:03 | 07:35 | 17:43 | 04:39 | 11:18 |
| 20 | 07:27 | 17:46 | 05:10 | 12:29 | 07:14 | 17:28 | 05:02 | 12:05 | 07:33 | 17:45 | 05:25 | 12:20 |
| 21 | 07:25 | 17:47 | 05:45 | 13:36 | 07:12 | 17:30 | 05:37 | 13:13 | 07:31 | 17:47 | 05:59 | 13:29 |
| 22 | 07:23 | 17:49 | 06:11 | 14:47 | 07:09 | 17:31 | 06:01 | 14:25 | 07:29 | 17:49 | 06:23 | 14:42 |
| 23 | 07:21 | 17:51 | 06:32 | 15:57 | 07:07 | 17:33 | 06:20 | 15:37 | 07:27 | 17:51 | 06:41 | 15:55 |
| 24 | 07:19 | 17:53 | 06:48 | 17:07 | 07:05 | 17:35 | 06:35 | 16:48 | 07:24 | 17:53 | 06:55 | 17:06 |
| 25 | 07:17 | 17:55 | 07:01 | 18:16 | 07:03 | 17:37 | 06:47 | 17:58 | 07:22 | 17:54 | 07:07 | 18:17 |
| 26 | 07:14 | 17:56 | 07:14 | 19:24 | 07:01 | 17:39 | 06:59 | 19:08 | 07:20 | 17:56 | 07:17 | 19:27 |
| 27 | 07:12 | 17:58 | 07:26 | 20:33 | 06:59 | 17:41 | 07:10 | 20:18 | 07:18 | 17:58 | 07:28 | 20:38 |
| 28 | 07:10 | 18:00 | 07:39 | 21:43 | 06:56 | 17:43 | 07:22 | 21:29 | 07:15 | 18:00 | 07:39 | 21:50 |
| 29 | 07:08 | 18:02 | 07:54 | 22:55 | 06:54 | 17:45 | 07:35 | 22:43 | 07:13 | 18:02 | 07:52 | 23:04 |

In +50° geogr. Breite: Dauer der bürgerlichen Dämmerung am 15. Feb. 33m.
Tagesl. am 1. Feb. 9h19m, am 29. Feb. 10h57m; somit Zunahme der Tagesl. im Feb. 1h38m.

Februar 2028

| | DRESDEN | | | | FRANKFURT/M. | | | | FREIBURG | | | |
|-----------|---------|-----------|---------|-----------|--------------|-----------|---------|-----------|----------|-----------|---------|-----------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Datum | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang |
| 01 | 07:43 | 16:55 | 09:14 | 23:35 | 08:00 | 17:18 | 09:36 | 23:54 | 07:57 | 17:28 | 09:43 | 23:52 |
| 02 | 07:41 | 16:57 | 09:29 | — | 07:58 | 17:20 | 09:53 | — | 07:56 | 17:29 | 10:02 | — |
| 03 | 07:40 | 16:59 | 09:49 | 00:48 | 07:57 | 17:22 | 10:13 | 01:06 | 07:54 | 17:31 | 10:25 | 01:02 |
| 04 | 07:38 | 17:00 | 10:15 | 02:03 | 07:56 | 17:23 | 10:41 | 02:20 | 07:53 | 17:33 | 10:54 | 02:14 |
| 05 | 07:37 | 17:02 | 10:52 | 03:19 | 07:54 | 17:25 | 11:18 | 03:34 | 07:52 | 17:34 | 11:33 | 03:26 |
| 06 | 07:35 | 17:04 | 11:43 | 04:28 | 07:52 | 17:27 | 12:10 | 04:44 | 07:50 | 17:36 | 12:26 | 04:35 |
| 07 | 07:33 | 17:06 | 12:51 | 05:28 | 07:51 | 17:29 | 13:18 | 05:43 | 07:49 | 17:37 | 13:34 | 05:34 |
| 08 | 07:32 | 17:08 | 14:14 | 06:13 | 07:49 | 17:30 | 14:41 | 06:29 | 07:47 | 17:39 | 14:54 | 06:22 |
| 09 | 07:30 | 17:09 | 15:45 | 06:47 | 07:48 | 17:32 | 16:10 | 07:04 | 07:46 | 17:41 | 16:21 | 06:59 |
| 10 | 07:28 | 17:11 | 17:18 | 07:13 | 07:46 | 17:34 | 17:41 | 07:31 | 07:44 | 17:42 | 17:50 | 07:29 |
| 11 | 07:26 | 17:13 | 18:49 | 07:33 | 07:44 | 17:36 | 19:11 | 07:52 | 07:43 | 17:44 | 19:17 | 07:53 |
| 12 | 07:24 | 17:15 | 20:18 | 07:51 | 07:42 | 17:37 | 20:39 | 08:11 | 07:41 | 17:45 | 20:42 | 08:14 |
| 13 | 07:23 | 17:17 | 21:45 | 08:08 | 07:41 | 17:39 | 22:05 | 08:29 | 07:39 | 17:47 | 22:05 | 08:34 |
| 14 | 07:21 | 17:18 | 23:10 | 08:25 | 07:39 | 17:41 | 23:29 | 08:48 | 07:38 | 17:49 | 23:26 | 08:55 |
| 15 | 07:19 | 17:20 | — | 08:45 | 07:37 | 17:42 | — | 09:09 | 07:36 | 17:50 | — | 09:19 |
| 16 | 07:17 | 17:22 | 00:33 | 09:09 | 07:35 | 17:44 | 00:51 | 09:34 | 07:34 | 17:52 | 00:46 | 09:46 |
| 17 | 07:15 | 17:24 | 01:53 | 09:40 | 07:33 | 17:46 | 02:09 | 10:06 | 07:33 | 17:53 | 02:02 | 10:21 |
| 18 | 07:13 | 17:25 | 03:04 | 10:21 | 07:32 | 17:48 | 03:19 | 10:48 | 07:31 | 17:55 | 03:11 | 11:03 |
| 19 | 07:11 | 17:27 | 04:04 | 11:12 | 07:30 | 17:49 | 04:19 | 11:39 | 07:29 | 17:56 | 04:10 | 11:55 |
| 20 | 07:09 | 17:29 | 04:51 | 12:13 | 07:28 | 17:51 | 05:06 | 12:40 | 07:27 | 17:58 | 04:58 | 12:55 |
| 21 | 07:07 | 17:31 | 05:27 | 13:20 | 07:26 | 17:53 | 05:42 | 13:46 | 07:26 | 18:00 | 05:35 | 14:00 |
| 22 | 07:05 | 17:33 | 05:53 | 14:30 | 07:24 | 17:55 | 06:10 | 14:55 | 07:24 | 18:01 | 06:04 | 15:07 |
| 23 | 07:03 | 17:34 | 06:13 | 15:41 | 07:22 | 17:56 | 06:31 | 16:05 | 07:22 | 18:03 | 06:28 | 16:14 |
| 24 | 07:01 | 17:36 | 06:30 | 16:50 | 07:20 | 17:58 | 06:48 | 17:13 | 07:20 | 18:04 | 06:47 | 17:20 |
| 25 | 06:59 | 17:38 | 06:44 | 17:58 | 07:18 | 18:00 | 07:03 | 18:20 | 07:18 | 18:06 | 07:04 | 18:26 |
| 26 | 06:57 | 17:40 | 06:57 | 19:06 | 07:16 | 18:01 | 07:17 | 19:27 | 07:16 | 18:07 | 07:19 | 19:31 |
| 27 | 06:55 | 17:41 | 07:09 | 20:15 | 07:14 | 18:03 | 07:30 | 20:35 | 07:15 | 18:09 | 07:35 | 20:36 |
| 28 | 06:53 | 17:43 | 07:22 | 21:24 | 07:12 | 18:05 | 07:44 | 21:44 | 07:13 | 18:10 | 07:51 | 21:43 |
| 29 | 06:51 | 17:45 | 07:37 | 22:36 | 07:10 | 18:06 | 08:00 | 22:54 | 07:11 | 18:12 | 08:08 | 22:51 |

Februar 2028

| | HAMBURG | | | | HANNOVER | | | | KÖLN | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 08:06 | 17:01 | 09:24 | 23:58 | 08:03 | 17:07 | 09:27 | 23:55 | 08:09 | 17:23 | 09:41 | — |
| 02 | 08:05 | 17:03 | 09:37 | — | 08:01 | 17:09 | 09:42 | — | 08:08 | 17:24 | 09:57 | 00:03 |
| 03 | 08:03 | 17:05 | 09:54 | 01:14 | 08:00 | 17:10 | 10:00 | 01:10 | 08:06 | 17:26 | 10:17 | 01:16 |
| 04 | 08:01 | 17:07 | 10:17 | 02:33 | 07:58 | 17:12 | 10:25 | 02:27 | 08:05 | 17:28 | 10:44 | 02:31 |
| 05 | 07:59 | 17:09 | 10:51 | 03:51 | 07:56 | 17:14 | 11:00 | 03:44 | 08:03 | 17:30 | 11:21 | 03:46 |
| 06 | 07:57 | 17:11 | 11:41 | 05:02 | 07:55 | 17:16 | 11:51 | 04:54 | 08:02 | 17:31 | 12:12 | 04:56 |
| 07 | 07:56 | 17:13 | 12:50 | 06:01 | 07:53 | 17:18 | 12:59 | 05:53 | 08:00 | 17:33 | 13:21 | 05:55 |
| 08 | 07:54 | 17:15 | 14:16 | 06:44 | 07:51 | 17:20 | 14:24 | 06:37 | 07:58 | 17:35 | 14:44 | 06:41 |
| 09 | 07:52 | 17:17 | 15:51 | 07:14 | 07:49 | 17:22 | 15:57 | 07:09 | 07:57 | 17:37 | 16:14 | 07:14 |
| 10 | 07:50 | 17:19 | 17:27 | 07:36 | 07:48 | 17:24 | 17:31 | 07:33 | 07:55 | 17:39 | 17:47 | 07:40 |
| 11 | 07:48 | 17:21 | 19:02 | 07:53 | 07:46 | 17:26 | 19:04 | 07:52 | 07:53 | 17:40 | 19:18 | 08:01 |
| 12 | 07:46 | 17:23 | 20:34 | 08:07 | 07:44 | 17:27 | 20:35 | 08:07 | 07:51 | 17:42 | 20:46 | 08:18 |
| 13 | 07:44 | 17:25 | 22:05 | 08:20 | 07:42 | 17:29 | 22:04 | 08:23 | 07:50 | 17:44 | 22:13 | 08:35 |
| 14 | 07:42 | 17:27 | 23:34 | 08:35 | 07:40 | 17:31 | 23:31 | 08:38 | 07:48 | 17:46 | 23:38 | 08:53 |
| 15 | 07:40 | 17:29 | — | 08:51 | 07:38 | 17:33 | — | 08:57 | 07:46 | 17:48 | — | 09:13 |
| 16 | 07:38 | 17:31 | 01:01 | 09:12 | 07:36 | 17:35 | 00:56 | 09:19 | 07:44 | 17:49 | 01:02 | 09:37 |
| 17 | 07:36 | 17:33 | 02:23 | 09:40 | 07:34 | 17:37 | 02:17 | 09:49 | 07:42 | 17:51 | 02:20 | 10:09 |
| 18 | 07:34 | 17:35 | 03:37 | 10:18 | 07:32 | 17:39 | 03:30 | 10:28 | 07:40 | 17:53 | 03:32 | 10:49 |
| 19 | 07:31 | 17:37 | 04:38 | 11:09 | 07:30 | 17:41 | 04:30 | 11:19 | 07:38 | 17:55 | 04:31 | 11:41 |
| 20 | 07:29 | 17:39 | 05:24 | 12:11 | 07:28 | 17:43 | 05:16 | 12:21 | 07:36 | 17:56 | 05:18 | 12:42 |
| 21 | 07:27 | 17:41 | 05:57 | 13:21 | 07:26 | 17:44 | 05:50 | 13:30 | 07:34 | 17:58 | 05:54 | 13:49 |
| 22 | 07:25 | 17:43 | 06:20 | 14:35 | 07:24 | 17:46 | 06:15 | 14:41 | 07:32 | 18:00 | 06:20 | 14:59 |
| 23 | 07:23 | 17:45 | 06:38 | 15:48 | 07:22 | 17:48 | 06:34 | 15:53 | 07:30 | 18:02 | 06:41 | 16:09 |
| 24 | 07:21 | 17:47 | 06:51 | 17:00 | 07:19 | 17:50 | 06:49 | 17:04 | 07:28 | 18:03 | 06:57 | 17:18 |
| 25 | 07:18 | 17:49 | 07:03 | 18:11 | 07:17 | 17:52 | 07:02 | 18:14 | 07:26 | 18:05 | 07:11 | 18:27 |
| 26 | 07:16 | 17:51 | 07:13 | 19:22 | 07:15 | 17:54 | 07:13 | 19:23 | 07:24 | 18:07 | 07:24 | 19:35 |
| 27 | 07:14 | 17:53 | 07:23 | 20:33 | 07:13 | 17:56 | 07:25 | 20:33 | 07:22 | 18:09 | 07:37 | 20:43 |
| 28 | 07:11 | 17:55 | 07:33 | 21:46 | 07:11 | 17:57 | 07:36 | 21:44 | 07:20 | 18:10 | 07:50 | 21:53 |
| 29 | 07:09 | 17:57 | 07:46 | 23:01 | 07:09 | 17:59 | 07:50 | 22:57 | 07:18 | 18:12 | 08:05 | 23:04 |

Februar 2028

| | LEIPZIG | | | | MÜNCHEN | | | | NÜRNBERG | | | |
|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|----------|-----------|---------|-----------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Datum | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang |
| 01 | 07:49 | 17:00 | 09:19 | 23:42 | 07:43 | 17:12 | 09:28 | 23:37 | 07:48 | 17:11 | 09:27 | 23:42 |
| 02 | 07:48 | 17:01 | 09:34 | — | 07:41 | 17:14 | 09:46 | — | 07:47 | 17:12 | 09:45 | — |
| 03 | 07:46 | 17:03 | 09:54 | 00:55 | 07:40 | 17:16 | 10:09 | 00:47 | 07:46 | 17:14 | 10:06 | 00:54 |
| 04 | 07:44 | 17:05 | 10:20 | 02:11 | 07:38 | 17:17 | 10:38 | 01:59 | 07:44 | 17:16 | 10:34 | 02:07 |
| 05 | 07:43 | 17:07 | 10:56 | 03:26 | 07:37 | 17:19 | 11:17 | 03:11 | 07:43 | 17:17 | 11:12 | 03:21 |
| 06 | 07:41 | 17:09 | 11:47 | 04:36 | 07:36 | 17:20 | 12:10 | 04:20 | 07:41 | 17:19 | 12:04 | 04:29 |
| 07 | 07:39 | 17:10 | 12:55 | 05:35 | 07:34 | 17:22 | 13:17 | 05:19 | 07:39 | 17:21 | 13:12 | 05:29 |
| 08 | 07:38 | 17:12 | 14:18 | 06:21 | 07:33 | 17:24 | 14:38 | 06:07 | 07:38 | 17:22 | 14:34 | 06:16 |
| 09 | 07:36 | 17:14 | 15:50 | 06:54 | 07:31 | 17:25 | 16:05 | 06:45 | 07:36 | 17:24 | 16:02 | 06:52 |
| 10 | 07:34 | 17:16 | 17:23 | 07:19 | 07:30 | 17:27 | 17:34 | 07:14 | 07:35 | 17:26 | 17:33 | 07:19 |
| 11 | 07:32 | 17:18 | 18:54 | 07:39 | 07:28 | 17:29 | 19:01 | 07:38 | 07:33 | 17:27 | 19:02 | 07:42 |
| 12 | 07:31 | 17:19 | 20:24 | 07:57 | 07:26 | 17:30 | 20:26 | 07:59 | 07:31 | 17:29 | 20:28 | 08:01 |
| 13 | 07:29 | 17:21 | 21:51 | 08:13 | 07:25 | 17:32 | 21:49 | 08:19 | 07:30 | 17:31 | 21:53 | 08:20 |
| 14 | 07:27 | 17:23 | 23:17 | 08:30 | 07:23 | 17:33 | 23:11 | 08:40 | 07:28 | 17:33 | 23:17 | 08:39 |
| 15 | 07:25 | 17:25 | — | 08:50 | 07:21 | 17:35 | — | 09:03 | 07:26 | 17:34 | — | 09:01 |
| 16 | 07:23 | 17:27 | 00:40 | 09:13 | 07:20 | 17:37 | 00:31 | 09:31 | 07:24 | 17:36 | 00:38 | 09:27 |
| 17 | 07:21 | 17:29 | 02:00 | 09:44 | 07:18 | 17:38 | 01:47 | 10:05 | 07:22 | 17:38 | 01:55 | 10:00 |
| 18 | 07:19 | 17:30 | 03:11 | 10:24 | 07:16 | 17:40 | 02:56 | 10:47 | 07:21 | 17:39 | 03:05 | 10:42 |
| 19 | 07:17 | 17:32 | 04:12 | 11:16 | 07:14 | 17:41 | 03:55 | 11:39 | 07:19 | 17:41 | 04:05 | 11:33 |
| 20 | 07:15 | 17:34 | 04:59 | 12:17 | 07:13 | 17:43 | 04:43 | 12:39 | 07:17 | 17:43 | 04:52 | 12:33 |
| 21 | 07:13 | 17:36 | 05:34 | 13:24 | 07:11 | 17:45 | 05:21 | 13:44 | 07:15 | 17:44 | 05:29 | 13:39 |
| 22 | 07:11 | 17:38 | 06:00 | 14:35 | 07:09 | 17:46 | 05:50 | 14:51 | 07:13 | 17:46 | 05:57 | 14:48 |
| 23 | 07:09 | 17:39 | 06:20 | 15:45 | 07:07 | 17:48 | 06:13 | 15:58 | 07:11 | 17:48 | 06:19 | 15:56 |
| 24 | 07:07 | 17:41 | 06:36 | 16:55 | 07:05 | 17:49 | 06:32 | 17:04 | 07:09 | 17:49 | 06:37 | 17:04 |
| 25 | 07:05 | 17:43 | 06:50 | 18:04 | 07:04 | 17:51 | 06:49 | 18:10 | 07:07 | 17:51 | 06:53 | 18:11 |
| 26 | 07:03 | 17:45 | 07:02 | 19:12 | 07:02 | 17:52 | 07:04 | 19:15 | 07:05 | 17:53 | 07:07 | 19:17 |
| 27 | 07:01 | 17:47 | 07:15 | 20:21 | 07:00 | 17:54 | 07:19 | 20:21 | 07:04 | 17:54 | 07:21 | 20:24 |
| 28 | 06:59 | 17:48 | 07:27 | 21:31 | 06:58 | 17:55 | 07:35 | 21:27 | 07:02 | 17:56 | 07:36 | 21:32 |
| 29 | 06:57 | 17:50 | 07:42 | 22:43 | 06:56 | 17:57 | 07:53 | 22:36 | 07:00 | 17:58 | 07:52 | 22:42 |

Februar 2028

| | ROSTOCK | | | | SAARBRÜCKEN | | | | STUTT GART | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 08:00 | 16:51 | 09:14 | 23:50 | 08:04 | 17:28 | 09:44 | 23:59 | 07:54 | 17:20 | 09:36 | 23:49 |
| 02 | 07:58 | 16:53 | 09:26 | — | 08:03 | 17:29 | 10:02 | — | 07:53 | 17:22 | 09:54 | — |
| 03 | 07:56 | 16:55 | 09:43 | 01:07 | 08:01 | 17:31 | 10:24 | 01:10 | 07:51 | 17:23 | 10:16 | 00:59 |
| 04 | 07:54 | 16:57 | 10:05 | 02:27 | 08:00 | 17:33 | 10:52 | 02:23 | 07:50 | 17:25 | 10:45 | 02:12 |
| 05 | 07:53 | 16:59 | 10:38 | 03:46 | 07:58 | 17:34 | 11:30 | 03:37 | 07:48 | 17:27 | 11:24 | 03:25 |
| 06 | 07:51 | 17:01 | 11:27 | 04:58 | 07:57 | 17:36 | 12:23 | 04:45 | 07:47 | 17:28 | 12:16 | 04:33 |
| 07 | 07:49 | 17:03 | 12:37 | 05:56 | 07:55 | 17:38 | 13:31 | 05:45 | 07:45 | 17:30 | 13:24 | 05:33 |
| 08 | 07:47 | 17:05 | 14:03 | 06:38 | 07:54 | 17:39 | 14:52 | 06:32 | 07:44 | 17:32 | 14:45 | 06:20 |
| 09 | 07:45 | 17:07 | 15:39 | 07:08 | 07:52 | 17:41 | 16:20 | 07:07 | 07:42 | 17:33 | 16:13 | 06:57 |
| 10 | 07:43 | 17:09 | 17:17 | 07:29 | 07:50 | 17:43 | 17:51 | 07:35 | 07:41 | 17:35 | 17:42 | 07:25 |
| 11 | 07:41 | 17:11 | 18:52 | 07:45 | 07:49 | 17:44 | 19:19 | 07:58 | 07:39 | 17:37 | 19:10 | 07:48 |
| 12 | 07:39 | 17:13 | 20:26 | 07:58 | 07:47 | 17:46 | 20:46 | 08:18 | 07:37 | 17:38 | 20:36 | 08:09 |
| 13 | 07:37 | 17:15 | 21:57 | 08:11 | 07:45 | 17:48 | 22:10 | 08:37 | 07:36 | 17:40 | 22:00 | 08:28 |
| 14 | 07:35 | 17:17 | 23:27 | 08:25 | 07:44 | 17:49 | 23:33 | 08:56 | 07:34 | 17:42 | 23:23 | 08:48 |
| 15 | 07:33 | 17:19 | — | 08:41 | 07:42 | 17:51 | — | 09:18 | 07:32 | 17:43 | — | 09:11 |
| 16 | 07:31 | 17:21 | 00:55 | 09:01 | 07:40 | 17:53 | 00:54 | 09:45 | 07:31 | 17:45 | 00:43 | 09:38 |
| 17 | 07:28 | 17:23 | 02:18 | 09:28 | 07:38 | 17:54 | 02:11 | 10:18 | 07:29 | 17:47 | 02:00 | 10:11 |
| 18 | 07:26 | 17:25 | 03:32 | 10:05 | 07:37 | 17:56 | 03:21 | 11:00 | 07:27 | 17:48 | 03:09 | 10:53 |
| 19 | 07:24 | 17:27 | 04:33 | 10:56 | 07:35 | 17:58 | 04:20 | 11:51 | 07:25 | 17:50 | 04:09 | 11:45 |
| 20 | 07:22 | 17:29 | 05:19 | 11:58 | 07:33 | 17:59 | 05:08 | 12:52 | 07:23 | 17:51 | 04:56 | 12:45 |
| 21 | 07:20 | 17:31 | 05:52 | 13:09 | 07:31 | 18:01 | 05:45 | 13:58 | 07:22 | 17:53 | 05:33 | 13:51 |
| 22 | 07:17 | 17:33 | 06:14 | 14:23 | 07:29 | 18:03 | 06:13 | 15:06 | 07:20 | 17:55 | 06:02 | 14:58 |
| 23 | 07:15 | 17:35 | 06:31 | 15:37 | 07:27 | 18:04 | 06:35 | 16:14 | 07:18 | 17:56 | 06:25 | 16:06 |
| 24 | 07:13 | 17:37 | 06:44 | 16:50 | 07:25 | 18:06 | 06:53 | 17:22 | 07:16 | 17:58 | 06:43 | 17:13 |
| 25 | 07:11 | 17:39 | 06:55 | 18:02 | 07:23 | 18:08 | 07:09 | 18:28 | 07:14 | 17:59 | 06:59 | 18:19 |
| 26 | 07:08 | 17:41 | 07:04 | 19:13 | 07:21 | 18:09 | 07:23 | 19:34 | 07:12 | 18:01 | 07:14 | 19:25 |
| 27 | 07:06 | 17:43 | 07:14 | 20:25 | 07:20 | 18:11 | 07:37 | 20:41 | 07:10 | 18:03 | 07:29 | 20:31 |
| 28 | 07:04 | 17:45 | 07:24 | 21:38 | 07:18 | 18:12 | 07:52 | 21:49 | 07:08 | 18:04 | 07:44 | 21:39 |
| 29 | 07:01 | 17:47 | 07:36 | 22:54 | 07:16 | 18:14 | 08:09 | 22:59 | 07:06 | 18:06 | 08:01 | 22:48 |

MÄRZ 2028

HAUPTKALENDARIUM

| Datum | Jahres- tag | Kalen- der- wo- che | Sonn- und Feiertage | Son- nen- lauf | Mondlauf | | |
|--------------|----------------|------------------------------|------------------------|----------------------|----------|--------------------------|--|
| | | | | | Phase | Länge im Tierkreis | Mondwenden Entfernung Mondknoten |
| 01 Mi | 061 | 10 | Aschermittwoch | | ☾ | ♈ 01° | Nordw. |
| 02 Do | 062 | | | | | ♈ 13° | |
| 03 Fr | 063 | | | | | ♈ 26° | |
| 04 Sa | 064 | | | | | ♈ 09° | |
| 05 So | 065 | 11 | Invokavit | | ☾ | ♈ 22° | ♊ |
| 06 Mo | 066 | | | | | ♈ 06° | |
| 07 Di | 067 | | | | | ♈ 20° | |
| 08 Mi | 068 | | | | | ♈ 04° | |
| 09 Do | 069 | | | | | ♈ 19° | |
| 10 Fr | 070 | | | | | ♈ 04° | |
| 11 Sa | 071 | | | | | ♈ 20° | |
| 12 So | 072 | 12 | Reminiszere | | ☾ | ♈ 05° | Erdnähe |
| 13 Mo | 073 | | | | | ♈ 20° | |
| 14 Di | 074 | | | | | ♈ 04° | |
| 15 Mi | 075 | | | | | ♈ 18° | |
| 16 Do | 076 | | | | | ♈ 02° | |
| 17 Fr | 077 | | | | | ♈ 15° | |
| 18 Sa | 078 | | | | | ♈ 28° | |
| 19 So | 079 | | | | | 13 | |
| 20 Mo | 080 | ♈ 22° | | | | | |
| 21 Di | 081 | ♈ 04° | | | | | |
| 22 Mi | 082 | ♈ 16° | | | | | |
| 23 Do | 083 | ♈ 28° | | | | | |
| 24 Fr | 084 | ♈ 09° | | | | | |
| 25 Sa | 085 | ♈ 21° | | | | | |
| 26 So | 086 | 13 | Lätare | | ☾ | ♈ 03° | Erdferne |
| 27 Mo | 087 | | | | | ♈ 15° | |
| 28 Di | 088 | | | | | ♈ 28° | |
| 29 Mi | 089 | | | | | ♈ 10° | |
| 30 Do | 090 | | | | | ♈ 23° | |
| 31 Fr | 091 | | | | | ♈ 06° | |

*) Am 20. März um 03:17 Uhr MEZ tritt die Sonne ins Zeichen Widder (♈) (Frühlingsanfang, Tagundnachtgleiche)

März 2028

| | KASSEL | | | | BERLIN | | | | BREMEN | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 07:06 | 18:03 | 08:12 | — | 06:52 | 17:46 | 07:51 | 23:58 | 07:11 | 18:04 | 08:08 | — |
| 02 | 07:04 | 18:05 | 08:35 | 00:09 | 06:50 | 17:48 | 08:13 | — | 07:09 | 18:06 | 08:29 | 00:20 |
| 03 | 07:02 | 18:07 | 09:06 | 01:23 | 06:48 | 17:50 | 08:43 | 01:13 | 07:06 | 18:08 | 08:58 | 01:36 |
| 04 | 07:00 | 18:09 | 09:50 | 02:33 | 06:45 | 17:52 | 09:25 | 02:25 | 07:04 | 18:10 | 09:40 | 02:48 |
| 05 | 06:57 | 18:10 | 10:49 | 03:35 | 06:43 | 17:54 | 10:24 | 03:27 | 07:02 | 18:11 | 10:39 | 03:50 |
| 06 | 06:55 | 18:12 | 12:02 | 04:24 | 06:41 | 17:55 | 11:39 | 04:16 | 06:59 | 18:13 | 11:54 | 04:38 |
| 07 | 06:53 | 18:14 | 13:27 | 05:02 | 06:38 | 17:57 | 13:05 | 04:52 | 06:57 | 18:15 | 13:22 | 05:13 |
| 08 | 06:51 | 18:15 | 14:57 | 05:30 | 06:36 | 17:59 | 14:37 | 05:18 | 06:55 | 18:17 | 14:54 | 05:39 |
| 09 | 06:49 | 18:17 | 16:28 | 05:52 | 06:34 | 18:01 | 16:09 | 05:39 | 06:53 | 18:19 | 16:28 | 05:59 |
| 10 | 06:46 | 18:19 | 17:58 | 06:10 | 06:32 | 18:03 | 17:42 | 05:56 | 06:50 | 18:21 | 18:01 | 06:15 |
| 11 | 06:44 | 18:21 | 19:28 | 06:28 | 06:29 | 18:04 | 19:13 | 06:12 | 06:48 | 18:22 | 19:33 | 06:30 |
| 12 | 06:42 | 18:22 | 20:57 | 06:45 | 06:27 | 18:06 | 20:43 | 06:27 | 06:45 | 18:24 | 21:04 | 06:45 |
| 13 | 06:40 | 18:24 | 22:24 | 07:04 | 06:25 | 18:08 | 22:12 | 06:45 | 06:43 | 18:26 | 22:34 | 07:02 |
| 14 | 06:37 | 18:26 | 23:49 | 07:27 | 06:22 | 18:10 | 23:39 | 07:06 | 06:41 | 18:28 | — | 07:22 |
| 15 | 06:35 | 18:27 | — | 07:55 | 06:20 | 18:12 | — | 07:33 | 06:38 | 18:30 | 00:01 | 07:48 |
| 16 | 06:33 | 18:29 | 01:07 | 08:33 | 06:18 | 18:13 | 00:58 | 08:09 | 06:36 | 18:32 | 01:21 | 08:24 |
| 17 | 06:31 | 18:31 | 02:13 | 09:21 | 06:15 | 18:15 | 02:06 | 08:57 | 06:34 | 18:33 | 02:29 | 09:12 |
| 18 | 06:28 | 18:32 | 03:06 | 10:20 | 06:13 | 18:17 | 02:58 | 09:56 | 06:31 | 18:35 | 03:21 | 10:11 |
| 19 | 06:26 | 18:34 | 03:46 | 11:27 | 06:10 | 18:19 | 03:37 | 11:03 | 06:29 | 18:37 | 03:59 | 11:19 |
| 20 | 06:24 | 18:36 | 04:15 | 12:37 | 06:08 | 18:20 | 04:05 | 12:14 | 06:26 | 18:39 | 04:27 | 12:31 |
| 21 | 06:22 | 18:38 | 04:37 | 13:47 | 06:06 | 18:22 | 04:26 | 13:26 | 06:24 | 18:41 | 04:47 | 13:44 |
| 22 | 06:19 | 18:39 | 04:54 | 14:57 | 06:03 | 18:24 | 04:42 | 14:38 | 06:22 | 18:43 | 05:02 | 14:55 |
| 23 | 06:17 | 18:41 | 05:09 | 16:05 | 06:01 | 18:26 | 04:56 | 15:48 | 06:19 | 18:44 | 05:15 | 16:06 |
| 24 | 06:15 | 18:43 | 05:22 | 17:14 | 05:59 | 18:28 | 05:07 | 16:57 | 06:17 | 18:46 | 05:26 | 17:16 |
| 25 | 06:12 | 18:44 | 05:35 | 18:22 | 05:56 | 18:29 | 05:19 | 18:07 | 06:14 | 18:48 | 05:37 | 18:27 |
| 26 | 06:10 | 18:46 | 05:48 | 19:32 | 05:54 | 18:31 | 05:31 | 19:18 | 06:12 | 18:50 | 05:48 | 19:38 |
| 27 | 06:08 | 18:48 | 06:02 | 20:44 | 05:52 | 18:33 | 05:44 | 20:31 | 06:10 | 18:52 | 06:01 | 20:52 |
| 28 | 06:06 | 18:49 | 06:19 | 21:58 | 05:49 | 18:35 | 05:59 | 21:47 | 06:07 | 18:53 | 06:16 | 22:08 |
| 29 | 06:03 | 18:51 | 06:41 | 23:12 | 05:47 | 18:36 | 06:20 | 23:02 | 06:05 | 18:55 | 06:36 | 23:24 |
| 30 | 06:01 | 18:53 | 07:10 | — | 05:45 | 18:38 | 06:47 | — | 06:02 | 18:57 | 07:02 | — |
| 31 | 05:59 | 18:54 | 07:49 | 00:23 | 05:42 | 18:40 | 07:25 | 00:15 | 06:00 | 18:59 | 07:40 | 00:38 |

In +50° geogr. Breite: Dauer der bürgerlichen Dämmerung am 15. März 32m.
Tagesl. am 1. März 11h00m, am 31. März 12h53m; somit Zunahme der Tagesl. im März 1h53m.

März 2028

| | DRESDEN | | | | FRANKFURT/M. | | | | FREIBURG | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 06:49 | 17:47 | 07:55 | 23:50 | 07:08 | 18:08 | 08:19 | — | 07:09 | 18:14 | 08:30 | — |
| 02 | 06:47 | 17:48 | 08:19 | — | 07:06 | 18:10 | 08:44 | 00:07 | 07:07 | 18:15 | 08:56 | 00:02 |
| 03 | 06:45 | 17:50 | 08:50 | 01:03 | 07:04 | 18:11 | 09:16 | 01:19 | 07:05 | 18:17 | 09:31 | 01:12 |
| 04 | 06:42 | 17:52 | 09:34 | 02:14 | 07:02 | 18:13 | 10:01 | 02:29 | 07:03 | 18:18 | 10:16 | 02:20 |
| 05 | 06:40 | 17:54 | 10:33 | 03:15 | 07:00 | 18:15 | 11:00 | 03:30 | 07:01 | 18:20 | 11:15 | 03:21 |
| 06 | 06:38 | 17:55 | 11:46 | 04:05 | 06:57 | 18:16 | 12:13 | 04:20 | 06:59 | 18:21 | 12:27 | 04:13 |
| 07 | 06:36 | 17:57 | 13:11 | 04:43 | 06:55 | 18:18 | 13:36 | 04:59 | 06:57 | 18:23 | 13:49 | 04:53 |
| 08 | 06:34 | 17:59 | 14:40 | 05:12 | 06:53 | 18:20 | 15:04 | 05:29 | 06:55 | 18:24 | 15:14 | 05:25 |
| 09 | 06:31 | 18:00 | 16:11 | 05:34 | 06:51 | 18:21 | 16:34 | 05:53 | 06:53 | 18:26 | 16:41 | 05:52 |
| 10 | 06:29 | 18:02 | 17:41 | 05:53 | 06:49 | 18:23 | 18:02 | 06:13 | 06:51 | 18:27 | 18:07 | 06:14 |
| 11 | 06:27 | 18:04 | 19:10 | 06:10 | 06:47 | 18:24 | 19:30 | 06:31 | 06:49 | 18:29 | 19:32 | 06:35 |
| 12 | 06:25 | 18:05 | 20:38 | 06:28 | 06:45 | 18:26 | 20:57 | 06:50 | 06:47 | 18:30 | 20:56 | 06:56 |
| 13 | 06:23 | 18:07 | 22:05 | 06:47 | 06:42 | 18:28 | 22:23 | 07:10 | 06:45 | 18:32 | 22:20 | 07:19 |
| 14 | 06:20 | 18:09 | 23:30 | 07:10 | 06:40 | 18:29 | 23:46 | 07:35 | 06:43 | 18:33 | 23:40 | 07:46 |
| 15 | 06:18 | 18:10 | — | 07:39 | 06:38 | 18:31 | — | 08:05 | 06:41 | 18:35 | — | 08:18 |
| 16 | 06:16 | 18:12 | 00:47 | 08:17 | 06:36 | 18:33 | 01:03 | 08:44 | 06:39 | 18:36 | 00:55 | 08:59 |
| 17 | 06:14 | 18:14 | 01:54 | 09:06 | 06:34 | 18:34 | 02:09 | 09:33 | 06:37 | 18:38 | 02:00 | 09:49 |
| 18 | 06:11 | 18:15 | 02:47 | 10:04 | 06:32 | 18:36 | 03:02 | 10:31 | 06:35 | 18:39 | 02:53 | 10:47 |
| 19 | 06:09 | 18:17 | 03:27 | 11:10 | 06:29 | 18:37 | 03:42 | 11:37 | 06:33 | 18:40 | 03:35 | 11:51 |
| 20 | 06:07 | 18:19 | 03:56 | 12:20 | 06:27 | 18:39 | 04:13 | 12:45 | 06:31 | 18:42 | 04:07 | 12:58 |
| 21 | 06:05 | 18:20 | 04:19 | 13:30 | 06:25 | 18:41 | 04:36 | 13:55 | 06:29 | 18:43 | 04:32 | 14:05 |
| 22 | 06:02 | 18:22 | 04:37 | 14:40 | 06:23 | 18:42 | 04:55 | 15:03 | 06:27 | 18:45 | 04:53 | 15:11 |
| 23 | 06:00 | 18:24 | 04:52 | 15:48 | 06:21 | 18:44 | 05:10 | 16:10 | 06:25 | 18:46 | 05:10 | 16:16 |
| 24 | 05:58 | 18:25 | 05:05 | 16:56 | 06:18 | 18:45 | 05:25 | 17:17 | 06:23 | 18:48 | 05:27 | 17:21 |
| 25 | 05:56 | 18:27 | 05:18 | 18:04 | 06:16 | 18:47 | 05:38 | 18:25 | 06:20 | 18:49 | 05:42 | 18:27 |
| 26 | 05:53 | 18:29 | 05:31 | 19:14 | 06:14 | 18:49 | 05:52 | 19:33 | 06:18 | 18:51 | 05:58 | 19:33 |
| 27 | 05:51 | 18:30 | 05:46 | 20:25 | 06:12 | 18:50 | 06:08 | 20:44 | 06:16 | 18:52 | 06:16 | 20:42 |
| 28 | 05:49 | 18:32 | 06:03 | 21:39 | 06:10 | 18:52 | 06:26 | 21:56 | 06:14 | 18:54 | 06:36 | 21:52 |
| 29 | 05:47 | 18:34 | 06:25 | 22:53 | 06:08 | 18:53 | 06:49 | 23:09 | 06:12 | 18:55 | 07:01 | 23:03 |
| 30 | 05:44 | 18:35 | 06:54 | — | 06:05 | 18:55 | 07:20 | — | 06:10 | 18:56 | 07:33 | — |
| 31 | 05:42 | 18:37 | 07:33 | 00:04 | 06:03 | 18:56 | 08:00 | 00:19 | 06:08 | 18:58 | 08:15 | 00:11 |

März 2028

| | HAMBURG | | | | HANNOVER | | | | KÖLN | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 07:07 | 17:59 | 08:01 | — | 07:06 | 18:01 | 08:07 | — | 07:16 | 18:14 | 08:23 | — |
| 02 | 07:05 | 18:00 | 08:21 | 00:17 | 07:04 | 18:03 | 08:29 | 00:13 | 07:14 | 18:16 | 08:47 | 00:18 |
| 03 | 07:02 | 18:02 | 08:50 | 01:34 | 07:02 | 18:05 | 08:59 | 01:28 | 07:11 | 18:17 | 09:19 | 01:31 |
| 04 | 07:00 | 18:04 | 09:32 | 02:47 | 07:00 | 18:07 | 09:42 | 02:39 | 07:09 | 18:19 | 10:03 | 02:41 |
| 05 | 06:58 | 18:06 | 10:30 | 03:49 | 06:57 | 18:08 | 10:40 | 03:41 | 07:07 | 18:21 | 11:02 | 03:43 |
| 06 | 06:55 | 18:08 | 11:46 | 04:37 | 06:55 | 18:10 | 11:55 | 04:30 | 07:05 | 18:22 | 12:15 | 04:32 |
| 07 | 06:53 | 18:10 | 13:14 | 05:11 | 06:53 | 18:12 | 13:21 | 05:06 | 07:03 | 18:24 | 13:40 | 05:10 |
| 08 | 06:51 | 18:12 | 14:48 | 05:36 | 06:51 | 18:14 | 14:53 | 05:33 | 07:01 | 18:26 | 15:09 | 05:39 |
| 09 | 06:48 | 18:14 | 16:22 | 05:55 | 06:48 | 18:16 | 16:25 | 05:53 | 06:58 | 18:28 | 16:40 | 06:01 |
| 10 | 06:46 | 18:16 | 17:55 | 06:11 | 06:46 | 18:17 | 17:57 | 06:11 | 06:56 | 18:29 | 18:09 | 06:20 |
| 11 | 06:43 | 18:17 | 19:28 | 06:25 | 06:44 | 18:19 | 19:28 | 06:26 | 06:54 | 18:31 | 19:38 | 06:38 |
| 12 | 06:41 | 18:19 | 21:00 | 06:39 | 06:41 | 18:21 | 20:58 | 06:42 | 06:52 | 18:33 | 21:07 | 06:56 |
| 13 | 06:39 | 18:21 | 22:31 | 06:55 | 06:39 | 18:23 | 22:27 | 07:00 | 06:50 | 18:34 | 22:34 | 07:15 |
| 14 | 06:36 | 18:23 | 23:59 | 07:15 | 06:37 | 18:24 | 23:53 | 07:21 | 06:47 | 18:36 | 23:58 | 07:38 |
| 15 | 06:34 | 18:25 | — | 07:41 | 06:34 | 18:26 | — | 07:49 | 06:45 | 18:38 | — | 08:08 |
| 16 | 06:31 | 18:27 | 01:20 | 08:16 | 06:32 | 18:28 | 01:12 | 08:25 | 06:43 | 18:39 | 01:15 | 08:46 |
| 17 | 06:29 | 18:29 | 02:28 | 09:03 | 06:30 | 18:30 | 02:20 | 09:13 | 06:41 | 18:41 | 02:21 | 09:34 |
| 18 | 06:26 | 18:31 | 03:20 | 10:03 | 06:27 | 18:32 | 03:12 | 10:12 | 06:38 | 18:43 | 03:14 | 10:33 |
| 19 | 06:24 | 18:32 | 03:58 | 11:11 | 06:25 | 18:33 | 03:51 | 11:19 | 06:36 | 18:44 | 03:54 | 11:39 |
| 20 | 06:22 | 18:34 | 04:24 | 12:23 | 06:23 | 18:35 | 04:19 | 12:31 | 06:34 | 18:46 | 04:23 | 12:49 |
| 21 | 06:19 | 18:36 | 04:44 | 13:37 | 06:20 | 18:37 | 04:40 | 13:42 | 06:32 | 18:48 | 04:46 | 13:59 |
| 22 | 06:17 | 18:38 | 04:59 | 14:49 | 06:18 | 18:39 | 04:56 | 14:53 | 06:30 | 18:49 | 05:04 | 15:08 |
| 23 | 06:14 | 18:40 | 05:11 | 16:00 | 06:16 | 18:40 | 05:10 | 16:03 | 06:27 | 18:51 | 05:19 | 16:17 |
| 24 | 06:12 | 18:42 | 05:22 | 17:11 | 06:13 | 18:42 | 05:22 | 17:12 | 06:25 | 18:53 | 05:32 | 17:24 |
| 25 | 06:09 | 18:43 | 05:32 | 18:22 | 06:11 | 18:44 | 05:33 | 18:22 | 06:23 | 18:54 | 05:45 | 18:33 |
| 26 | 06:07 | 18:45 | 05:43 | 19:34 | 06:09 | 18:46 | 05:45 | 19:33 | 06:21 | 18:56 | 05:58 | 19:42 |
| 27 | 06:04 | 18:47 | 05:55 | 20:49 | 06:06 | 18:47 | 05:59 | 20:46 | 06:18 | 18:57 | 06:13 | 20:54 |
| 28 | 06:02 | 18:49 | 06:09 | 22:05 | 06:04 | 18:49 | 06:15 | 22:01 | 06:16 | 18:59 | 06:31 | 22:07 |
| 29 | 06:00 | 18:51 | 06:29 | 23:22 | 06:02 | 18:51 | 06:35 | 23:16 | 06:14 | 19:01 | 06:53 | 23:20 |
| 30 | 05:57 | 18:53 | 06:55 | — | 05:59 | 18:53 | 07:03 | — | 06:12 | 19:02 | 07:22 | — |
| 31 | 05:55 | 18:54 | 07:32 | 00:36 | 05:57 | 18:54 | 07:41 | 00:29 | 06:09 | 19:04 | 08:02 | 00:31 |

März 2028

| | LEIPZIG | | | | MÜNCHEN | | | | NÜRNBERG | | | |
|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|----------|-----------|---------|-----------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Datum | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang |
| 01 | 06:55 | 17:52 | 08:00 | 23:57 | 06:54 | 17:59 | 08:14 | 23:47 | 06:58 | 17:59 | 08:12 | 23:54 |
| 02 | 06:52 | 17:54 | 08:23 | — | 06:52 | 18:00 | 08:40 | — | 06:56 | 18:01 | 08:37 | — |
| 03 | 06:50 | 17:55 | 08:54 | 01:11 | 06:50 | 18:02 | 09:15 | 00:57 | 06:54 | 18:02 | 09:10 | 01:06 |
| 04 | 06:48 | 17:57 | 09:38 | 02:21 | 06:48 | 18:03 | 10:00 | 02:05 | 06:51 | 18:04 | 09:55 | 02:15 |
| 05 | 06:46 | 17:59 | 10:36 | 03:23 | 06:46 | 18:05 | 10:59 | 03:07 | 06:49 | 18:06 | 10:54 | 03:16 |
| 06 | 06:44 | 18:00 | 11:50 | 04:12 | 06:44 | 18:06 | 12:11 | 03:58 | 06:47 | 18:07 | 12:06 | 04:07 |
| 07 | 06:42 | 18:02 | 13:15 | 04:50 | 06:42 | 18:08 | 13:32 | 04:39 | 06:45 | 18:09 | 13:29 | 04:46 |
| 08 | 06:39 | 18:04 | 14:45 | 05:18 | 06:40 | 18:09 | 14:58 | 05:11 | 06:43 | 18:10 | 14:56 | 05:17 |
| 09 | 06:37 | 18:06 | 16:16 | 05:40 | 06:38 | 18:11 | 16:25 | 05:37 | 06:41 | 18:12 | 16:25 | 05:41 |
| 10 | 06:35 | 18:07 | 17:46 | 05:59 | 06:36 | 18:12 | 17:51 | 05:59 | 06:39 | 18:14 | 17:53 | 06:02 |
| 11 | 06:33 | 18:09 | 19:16 | 06:16 | 06:34 | 18:14 | 19:16 | 06:20 | 06:37 | 18:15 | 19:19 | 06:22 |
| 12 | 06:30 | 18:11 | 20:45 | 06:33 | 06:32 | 18:15 | 20:41 | 06:41 | 06:35 | 18:17 | 20:46 | 06:41 |
| 13 | 06:28 | 18:12 | 22:12 | 06:52 | 06:30 | 18:17 | 22:05 | 07:04 | 06:33 | 18:18 | 22:11 | 07:02 |
| 14 | 06:26 | 18:14 | 23:37 | 07:15 | 06:28 | 18:18 | 23:25 | 07:30 | 06:31 | 18:20 | 23:33 | 07:27 |
| 15 | 06:24 | 18:16 | — | 07:44 | 06:26 | 18:20 | — | 08:02 | 06:28 | 18:21 | — | 07:58 |
| 16 | 06:21 | 18:18 | 00:55 | 08:21 | 06:24 | 18:21 | 00:40 | 08:43 | 06:26 | 18:23 | 00:49 | 08:38 |
| 17 | 06:19 | 18:19 | 02:02 | 09:09 | 06:22 | 18:23 | 01:45 | 09:32 | 06:24 | 18:25 | 01:55 | 09:27 |
| 18 | 06:17 | 18:21 | 02:54 | 10:08 | 06:20 | 18:24 | 02:39 | 10:30 | 06:22 | 18:26 | 02:48 | 10:25 |
| 19 | 06:15 | 18:23 | 03:34 | 11:14 | 06:18 | 18:26 | 03:20 | 11:35 | 06:20 | 18:28 | 03:29 | 11:30 |
| 20 | 06:12 | 18:24 | 04:03 | 12:24 | 06:16 | 18:27 | 03:52 | 12:41 | 06:18 | 18:29 | 04:00 | 12:38 |
| 21 | 06:10 | 18:26 | 04:25 | 13:35 | 06:14 | 18:29 | 04:17 | 13:49 | 06:16 | 18:31 | 04:24 | 13:47 |
| 22 | 06:08 | 18:28 | 04:43 | 14:45 | 06:12 | 18:30 | 04:38 | 14:55 | 06:13 | 18:32 | 04:43 | 14:54 |
| 23 | 06:05 | 18:29 | 04:58 | 15:53 | 06:10 | 18:31 | 04:56 | 16:01 | 06:11 | 18:34 | 05:00 | 16:01 |
| 24 | 06:03 | 18:31 | 05:11 | 17:02 | 06:08 | 18:33 | 05:12 | 17:06 | 06:09 | 18:35 | 05:14 | 17:07 |
| 25 | 06:01 | 18:33 | 05:23 | 18:10 | 06:06 | 18:34 | 05:27 | 18:11 | 06:07 | 18:37 | 05:29 | 18:14 |
| 26 | 05:59 | 18:34 | 05:36 | 19:20 | 06:04 | 18:36 | 05:43 | 19:18 | 06:05 | 18:39 | 05:43 | 19:22 |
| 27 | 05:56 | 18:36 | 05:50 | 20:32 | 06:01 | 18:37 | 06:00 | 20:26 | 06:03 | 18:40 | 06:00 | 20:32 |
| 28 | 05:54 | 18:38 | 06:07 | 21:46 | 05:59 | 18:39 | 06:21 | 21:37 | 06:01 | 18:42 | 06:19 | 21:44 |
| 29 | 05:52 | 18:39 | 06:29 | 23:00 | 05:57 | 18:40 | 06:45 | 22:48 | 05:58 | 18:43 | 06:42 | 22:56 |
| 30 | 05:50 | 18:41 | 06:58 | — | 05:55 | 18:42 | 07:17 | 23:56 | 05:56 | 18:45 | 07:13 | — |
| 31 | 05:47 | 18:43 | 07:37 | 00:11 | 05:53 | 18:43 | 07:59 | — | 05:54 | 18:46 | 07:54 | 00:05 |

März 2028

| | ROSTOCK | | | | SAARBRÜCKEN | | | | STUTT GART | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 06:59 | 17:49 | 07:50 | — | 07:14 | 18:16 | 08:29 | — | 07:04 | 18:07 | 08:22 | 23:59 |
| 02 | 06:57 | 17:51 | 08:10 | 00:11 | 07:12 | 18:17 | 08:55 | 00:10 | 07:02 | 18:09 | 08:48 | — |
| 03 | 06:54 | 17:53 | 08:38 | 01:29 | 07:10 | 18:19 | 09:28 | 01:22 | 07:00 | 18:11 | 09:21 | 01:10 |
| 04 | 06:52 | 17:55 | 09:19 | 02:42 | 07:08 | 18:21 | 10:13 | 02:31 | 06:58 | 18:12 | 10:07 | 02:19 |
| 05 | 06:50 | 17:57 | 10:17 | 03:44 | 07:05 | 18:22 | 11:12 | 03:32 | 06:56 | 18:14 | 11:06 | 03:20 |
| 06 | 06:47 | 17:59 | 11:33 | 04:32 | 07:03 | 18:24 | 12:25 | 04:23 | 06:54 | 18:15 | 12:18 | 04:11 |
| 07 | 06:45 | 18:01 | 13:02 | 05:06 | 07:01 | 18:25 | 13:47 | 05:02 | 06:52 | 18:17 | 13:40 | 04:51 |
| 08 | 06:42 | 18:03 | 14:36 | 05:30 | 06:59 | 18:27 | 15:14 | 05:33 | 06:50 | 18:18 | 15:06 | 05:22 |
| 09 | 06:40 | 18:05 | 16:12 | 05:48 | 06:57 | 18:28 | 16:42 | 05:58 | 06:48 | 18:20 | 16:34 | 05:48 |
| 10 | 06:38 | 18:07 | 17:46 | 06:03 | 06:55 | 18:30 | 18:10 | 06:19 | 06:46 | 18:21 | 18:01 | 06:09 |
| 11 | 06:35 | 18:09 | 19:19 | 06:16 | 06:53 | 18:32 | 19:37 | 06:38 | 06:44 | 18:23 | 19:27 | 06:29 |
| 12 | 06:33 | 18:11 | 20:52 | 06:30 | 06:51 | 18:33 | 21:03 | 06:58 | 06:42 | 18:25 | 20:52 | 06:50 |
| 13 | 06:30 | 18:12 | 22:24 | 06:45 | 06:49 | 18:35 | 22:28 | 07:20 | 06:40 | 18:26 | 22:17 | 07:12 |
| 14 | 06:28 | 18:14 | 23:53 | 07:04 | 06:47 | 18:36 | 23:50 | 07:45 | 06:38 | 18:28 | 23:38 | 07:38 |
| 15 | 06:25 | 18:16 | — | 07:29 | 06:45 | 18:38 | — | 08:16 | 06:36 | 18:29 | — | 08:09 |
| 16 | 06:23 | 18:18 | 01:14 | 08:03 | 06:43 | 18:39 | 01:05 | 08:56 | 06:34 | 18:31 | 00:54 | 08:49 |
| 17 | 06:20 | 18:20 | 02:23 | 08:50 | 06:40 | 18:41 | 02:11 | 09:45 | 06:32 | 18:32 | 01:59 | 09:39 |
| 18 | 06:18 | 18:22 | 03:15 | 09:49 | 06:38 | 18:43 | 03:04 | 10:44 | 06:30 | 18:34 | 02:52 | 10:37 |
| 19 | 06:15 | 18:24 | 03:53 | 10:58 | 06:36 | 18:44 | 03:45 | 11:48 | 06:27 | 18:35 | 03:33 | 11:42 |
| 20 | 06:13 | 18:26 | 04:19 | 12:12 | 06:34 | 18:46 | 04:16 | 12:56 | 06:25 | 18:37 | 04:05 | 12:49 |
| 21 | 06:10 | 18:28 | 04:38 | 13:26 | 06:32 | 18:47 | 04:40 | 14:04 | 06:23 | 18:38 | 04:29 | 13:57 |
| 22 | 06:08 | 18:30 | 04:52 | 14:39 | 06:30 | 18:49 | 04:59 | 15:12 | 06:21 | 18:40 | 04:49 | 15:04 |
| 23 | 06:05 | 18:31 | 05:03 | 15:50 | 06:28 | 18:50 | 05:16 | 16:18 | 06:19 | 18:41 | 05:06 | 16:10 |
| 24 | 06:03 | 18:33 | 05:14 | 17:02 | 06:26 | 18:52 | 05:31 | 17:25 | 06:17 | 18:43 | 05:22 | 17:16 |
| 25 | 06:01 | 18:35 | 05:23 | 18:13 | 06:23 | 18:53 | 05:45 | 18:31 | 06:15 | 18:44 | 05:37 | 18:22 |
| 26 | 05:58 | 18:37 | 05:33 | 19:27 | 06:21 | 18:55 | 06:00 | 19:39 | 06:13 | 18:46 | 05:52 | 19:29 |
| 27 | 05:56 | 18:39 | 05:45 | 20:42 | 06:19 | 18:56 | 06:17 | 20:49 | 06:11 | 18:47 | 06:09 | 20:38 |
| 28 | 05:53 | 18:41 | 05:59 | 21:59 | 06:17 | 18:58 | 06:36 | 22:00 | 06:09 | 18:49 | 06:28 | 21:49 |
| 29 | 05:51 | 18:43 | 06:17 | 23:17 | 06:15 | 18:59 | 07:00 | 23:12 | 06:06 | 18:50 | 06:53 | 23:01 |
| 30 | 05:48 | 18:45 | 06:43 | — | 06:13 | 19:01 | 07:31 | — | 06:04 | 18:52 | 07:24 | — |
| 31 | 05:46 | 18:46 | 07:19 | 00:31 | 06:11 | 19:02 | 08:12 | 00:21 | 06:02 | 18:53 | 08:05 | 00:10 |

APRIL 2028

HAUPTKALENDARIUM

| Datum | Jahres- tag | Kalen- der- wo- che | Sonn- und Feiertage | Son- nen- lauf | Mondlauf | | |
|--------------|----------------|------------------------------|------------------------|----------------------|----------|--------------------------|--|
| | | | | | Phase | Länge im Tierkreis | Mondwenden Entfernung Mondknoten |
| 01 Sa | 092 | | | | | ♊ 19° | Nordw. |
| 02 So | 093 | | Judika | | ☉ | ♋ 02° | |
| 03 Mo | 094 | 14 | | | | ♋ 16° | ♁1) |
| 04 Di | 095 | | | | | ♌ 30° | |
| 05 Mi | 096 | | | | | ♌ 14° | |
| 06 Do | 097 | | | | | ♍ 28° | |
| 07 Fr | 098 | | | | | ♍ 13° | |
| 08 Sa | 099 | | | | ♎ 28° | Erdnähe | |
| 09 So | 100 | | Palmarum | | ○ | ♎ 13° | |
| 10 Mo | 101 | 15 | | | | ♎ 28° | Südw. |
| 11 Di | 102 | | | | | ♏ 12° | |
| 12 Mi | 103 | | | | | ♏ 26° | |
| 13 Do | 104 | | | Gründonnerstag | | ♐ 10° | |
| 14 Fr | 105 | | | Karfreitag | | ♐ 23° | |
| 15 Sa | 106 | | Karsamstag | | ♑ 06° | | |
| 16 So | 107 | | Ostersonntag | | ● | ♑ 18° | ♁ |
| 17 Mo | 108 | 16 | | | | ♑ 00° | Erdferne |
| 18 Di | 109 | | | | | ♑ 12° | |
| 19 Mi | 110 | | | | ♉*) | ♑ 24° | |
| 20 Do | 111 | | | | | ♒ 06° | |
| 21 Fr | 112 | | | | | ♒ 18° | |
| 22 Sa | 113 | | | | ♒ 30° | | |
| 23 So | 114 | | Quasimodogeniti | | | ♓ 12° | |
| 24 Mo | 115 | 17 | | | | ♓ 24° | Nordw. |
| 25 Di | 116 | | | | | ♈ 07° | |
| 26 Mi | 117 | | | | | ♈ 20° | |
| 27 Do | 118 | | | | | ♉ 03° | |
| 28 Fr | 119 | | | | | ♉ 16° | |
| 29 Sa | 120 | | | | ♉ 29° | | |
| 30 So | 121 | | Miserikordias Domini | | | ♋ 13° | ♁1) |

*) Am 19. April um 14:09 Uhr MEZ tritt die Sonne ins Zeichen Stier (♉)

1) Am nächsten Tag unter Berücksichtigung der Sommerzeit.

April 2028

| | KASSEL | | | | BERLIN | | | | BREMEN | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 05:57 | 18:56 | 08:42 | 01:27 | 05:40 | 18:42 | 08:17 | 01:19 | 05:58 | 19:00 | 08:32 | 01:42 |
| 02 | 05:54 | 18:58 | 09:49 | 02:19 | 05:38 | 18:43 | 09:25 | 02:11 | 05:55 | 19:02 | 09:40 | 02:34 |
| 03 | 05:52 | 18:59 | 11:07 | 03:00 | 05:35 | 18:45 | 10:45 | 02:50 | 05:53 | 19:04 | 11:01 | 03:12 |
| 04 | 05:50 | 19:01 | 12:32 | 03:30 | 05:33 | 18:47 | 12:11 | 03:19 | 05:51 | 19:06 | 12:28 | 03:40 |
| 05 | 05:48 | 19:03 | 13:59 | 03:54 | 05:31 | 18:49 | 13:40 | 03:41 | 05:48 | 19:08 | 13:58 | 04:02 |
| 06 | 05:45 | 19:04 | 15:26 | 04:13 | 05:28 | 18:50 | 15:09 | 03:59 | 05:46 | 19:09 | 15:27 | 04:19 |
| 07 | 05:43 | 19:06 | 16:54 | 04:30 | 05:26 | 18:52 | 16:38 | 04:15 | 05:43 | 19:11 | 16:57 | 04:34 |
| 08 | 05:41 | 19:07 | 18:22 | 04:47 | 05:24 | 18:54 | 18:07 | 04:31 | 05:41 | 19:13 | 18:28 | 04:49 |
| 09 | 05:39 | 19:09 | 19:50 | 05:06 | 05:21 | 18:56 | 19:37 | 04:47 | 05:39 | 19:15 | 19:58 | 05:05 |
| 10 | 05:37 | 19:11 | 21:17 | 05:27 | 05:19 | 18:57 | 21:06 | 05:07 | 05:36 | 19:17 | 21:28 | 05:23 |
| 11 | 05:34 | 19:12 | 22:41 | 05:53 | 05:17 | 18:59 | 22:31 | 05:31 | 05:34 | 19:18 | 22:54 | 05:47 |
| 12 | 05:32 | 19:14 | 23:55 | 06:27 | 05:15 | 19:01 | 23:47 | 06:04 | 05:32 | 19:20 | — | 06:19 |
| 13 | 05:30 | 19:16 | — | 07:12 | 05:12 | 19:03 | — | 06:48 | 05:30 | 19:22 | 00:10 | 07:03 |
| 14 | 05:28 | 19:17 | 00:55 | 08:08 | 05:10 | 19:04 | 00:47 | 07:44 | 05:27 | 19:24 | 01:10 | 07:59 |
| 15 | 05:26 | 19:19 | 01:41 | 09:13 | 05:08 | 19:06 | 01:33 | 08:50 | 05:25 | 19:26 | 01:55 | 09:05 |
| 16 | 05:24 | 19:21 | 02:15 | 10:23 | 05:06 | 19:08 | 02:06 | 10:01 | 05:23 | 19:27 | 02:27 | 10:17 |
| 17 | 05:22 | 19:22 | 02:40 | 11:35 | 05:03 | 19:10 | 02:29 | 11:13 | 05:20 | 19:29 | 02:50 | 11:30 |
| 18 | 05:19 | 19:24 | 02:59 | 12:45 | 05:01 | 19:11 | 02:47 | 12:25 | 05:18 | 19:31 | 03:08 | 12:43 |
| 19 | 05:17 | 19:26 | 03:15 | 13:54 | 04:59 | 19:13 | 03:02 | 13:35 | 05:16 | 19:33 | 03:22 | 13:53 |
| 20 | 05:15 | 19:27 | 03:29 | 15:02 | 04:57 | 19:15 | 03:15 | 14:45 | 05:14 | 19:35 | 03:34 | 15:03 |
| 21 | 05:13 | 19:29 | 03:42 | 16:10 | 04:55 | 19:17 | 03:26 | 15:54 | 05:12 | 19:36 | 03:45 | 16:13 |
| 22 | 05:11 | 19:31 | 03:55 | 17:19 | 04:53 | 19:18 | 03:38 | 17:05 | 05:09 | 19:38 | 03:56 | 17:25 |
| 23 | 05:09 | 19:32 | 04:09 | 18:31 | 04:51 | 19:20 | 03:51 | 18:18 | 05:07 | 19:40 | 04:08 | 18:38 |
| 24 | 05:07 | 19:34 | 04:25 | 19:44 | 04:49 | 19:22 | 04:06 | 19:33 | 05:05 | 19:42 | 04:23 | 19:54 |
| 25 | 05:05 | 19:36 | 04:46 | 20:59 | 04:46 | 19:24 | 04:25 | 20:49 | 05:03 | 19:43 | 04:41 | 21:11 |
| 26 | 05:03 | 19:37 | 05:13 | 22:13 | 04:44 | 19:25 | 04:51 | 22:04 | 05:01 | 19:45 | 05:06 | 22:26 |
| 27 | 05:01 | 19:39 | 05:50 | 23:19 | 04:42 | 19:27 | 05:26 | 23:11 | 04:59 | 19:47 | 05:41 | 23:35 |
| 28 | 04:59 | 19:41 | 06:39 | — | 04:40 | 19:29 | 06:15 | — | 04:57 | 19:49 | 06:30 | — |
| 29 | 04:57 | 19:42 | 07:42 | 00:16 | 04:38 | 19:30 | 07:18 | 00:08 | 04:55 | 19:51 | 07:33 | 00:30 |
| 30 | 04:56 | 19:44 | 08:57 | 00:59 | 04:36 | 19:32 | 08:34 | 00:50 | 04:53 | 19:52 | 08:50 | 01:12 |

In +50° geogr. Breite: Dauer der bürgerlichen Dämmerung am 15. Apr. 34m.
Tagesl. am 1. Apr. 12h57m, am 30. Apr. 14h40m; somit Zunahme der Tagesl. im Apr. 1h43m.

April 2028

| | DRESDEN | | | | FRANKFURT/M. | | | | FREIBURG | | | |
|-------|---------|-----------|---------|-----------|--------------|-----------|---------|-----------|----------|-----------|---------|-----------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Datum | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang |
| 01 | 05:40 | 18:39 | 08:26 | 01:07 | 06:01 | 18:58 | 08:53 | 01:23 | 06:06 | 18:59 | 09:09 | 01:14 |
| 02 | 05:38 | 18:40 | 09:33 | 02:00 | 05:59 | 19:00 | 10:00 | 02:15 | 06:04 | 19:01 | 10:14 | 02:07 |
| 03 | 05:36 | 18:42 | 10:51 | 02:41 | 05:57 | 19:01 | 11:17 | 02:57 | 06:02 | 19:02 | 11:30 | 02:50 |
| 04 | 05:33 | 18:44 | 12:15 | 03:12 | 05:55 | 19:03 | 12:40 | 03:29 | 06:00 | 19:04 | 12:51 | 03:24 |
| 05 | 05:31 | 18:45 | 13:42 | 03:36 | 05:52 | 19:04 | 14:05 | 03:54 | 05:58 | 19:05 | 14:13 | 03:52 |
| 06 | 05:29 | 18:47 | 15:09 | 03:56 | 05:50 | 19:06 | 15:31 | 04:15 | 05:56 | 19:07 | 15:37 | 04:15 |
| 07 | 05:27 | 18:49 | 16:36 | 04:13 | 05:48 | 19:07 | 16:57 | 04:33 | 05:54 | 19:08 | 17:00 | 04:36 |
| 08 | 05:24 | 18:50 | 18:03 | 04:31 | 05:46 | 19:09 | 18:23 | 04:52 | 05:52 | 19:09 | 18:24 | 04:57 |
| 09 | 05:22 | 18:52 | 19:31 | 04:49 | 05:44 | 19:11 | 19:50 | 05:11 | 05:50 | 19:11 | 19:48 | 05:19 |
| 10 | 05:20 | 18:53 | 20:58 | 05:10 | 05:42 | 19:12 | 21:16 | 05:34 | 05:48 | 19:12 | 21:11 | 05:44 |
| 11 | 05:18 | 18:55 | 22:21 | 05:37 | 05:40 | 19:14 | 22:38 | 06:02 | 05:46 | 19:14 | 22:31 | 06:14 |
| 12 | 05:16 | 18:57 | 23:35 | 06:11 | 05:38 | 19:15 | 23:51 | 06:37 | 05:44 | 19:15 | 23:42 | 06:52 |
| 13 | 05:14 | 18:58 | — | 06:56 | 05:36 | 19:17 | — | 07:23 | 05:42 | 19:17 | — | 07:39 |
| 14 | 05:12 | 19:00 | 00:36 | 07:52 | 05:33 | 19:18 | 00:51 | 08:19 | 05:40 | 19:18 | 00:42 | 08:35 |
| 15 | 05:09 | 19:02 | 01:22 | 08:57 | 05:31 | 19:20 | 01:38 | 09:24 | 05:39 | 19:19 | 01:30 | 09:38 |
| 16 | 05:07 | 19:03 | 01:56 | 10:07 | 05:29 | 19:22 | 02:12 | 10:33 | 05:37 | 19:21 | 02:06 | 10:46 |
| 17 | 05:05 | 19:05 | 02:22 | 11:18 | 05:27 | 19:23 | 02:39 | 11:42 | 05:35 | 19:22 | 02:34 | 11:53 |
| 18 | 05:03 | 19:06 | 02:41 | 12:28 | 05:25 | 19:25 | 02:59 | 12:51 | 05:33 | 19:24 | 02:57 | 13:00 |
| 19 | 05:01 | 19:08 | 02:57 | 13:36 | 05:23 | 19:26 | 03:16 | 13:59 | 05:31 | 19:25 | 03:15 | 14:06 |
| 20 | 04:59 | 19:10 | 03:11 | 14:44 | 05:21 | 19:28 | 03:31 | 15:06 | 05:29 | 19:27 | 03:32 | 15:10 |
| 21 | 04:57 | 19:11 | 03:25 | 15:52 | 05:19 | 19:29 | 03:45 | 16:13 | 05:27 | 19:28 | 03:48 | 16:15 |
| 22 | 04:55 | 19:13 | 03:38 | 17:01 | 05:17 | 19:31 | 03:59 | 17:21 | 05:25 | 19:30 | 04:04 | 17:22 |
| 23 | 04:53 | 19:15 | 03:52 | 18:12 | 05:15 | 19:33 | 04:14 | 18:31 | 05:24 | 19:31 | 04:21 | 18:30 |
| 24 | 04:51 | 19:16 | 04:09 | 19:25 | 05:14 | 19:34 | 04:32 | 19:43 | 05:22 | 19:32 | 04:41 | 19:40 |
| 25 | 04:49 | 19:18 | 04:30 | 20:40 | 05:12 | 19:36 | 04:54 | 20:57 | 05:20 | 19:34 | 05:05 | 20:51 |
| 26 | 04:47 | 19:20 | 04:57 | 21:53 | 05:10 | 19:37 | 05:22 | 22:09 | 05:18 | 19:35 | 05:35 | 22:02 |
| 27 | 04:45 | 19:21 | 05:34 | 23:00 | 05:08 | 19:39 | 06:00 | 23:15 | 05:17 | 19:37 | 06:15 | 23:07 |
| 28 | 04:43 | 19:23 | 06:23 | 23:56 | 05:06 | 19:40 | 06:50 | — | 05:15 | 19:38 | 07:05 | — |
| 29 | 04:41 | 19:24 | 07:26 | — | 05:04 | 19:42 | 07:53 | 00:12 | 05:13 | 19:40 | 08:08 | 00:03 |
| 30 | 04:39 | 19:26 | 08:41 | 00:40 | 05:02 | 19:44 | 09:07 | 00:56 | 05:11 | 19:41 | 09:20 | 00:49 |

April 2028

| | HAMBURG | | | | HANNOVER | | | | KÖLN | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 05:52 | 18:56 | 08:24 | 01:41 | 05:55 | 18:56 | 08:34 | 01:33 | 06:07 | 19:06 | 08:55 | 01:35 |
| 02 | 05:50 | 18:58 | 09:32 | 02:32 | 05:52 | 18:58 | 09:41 | 02:25 | 06:05 | 19:07 | 10:02 | 02:27 |
| 03 | 05:48 | 19:00 | 10:53 | 03:10 | 05:50 | 18:59 | 11:01 | 03:04 | 06:03 | 19:09 | 11:20 | 03:08 |
| 04 | 05:45 | 19:02 | 12:21 | 03:38 | 05:48 | 19:01 | 12:27 | 03:33 | 06:00 | 19:11 | 12:44 | 03:39 |
| 05 | 05:43 | 19:04 | 13:51 | 03:58 | 05:45 | 19:03 | 13:55 | 03:56 | 05:58 | 19:12 | 14:11 | 04:03 |
| 06 | 05:40 | 19:05 | 15:22 | 04:15 | 05:43 | 19:05 | 15:24 | 04:14 | 05:56 | 19:14 | 15:38 | 04:23 |
| 07 | 05:38 | 19:07 | 16:52 | 04:29 | 05:41 | 19:06 | 16:53 | 04:30 | 05:54 | 19:15 | 17:05 | 04:41 |
| 08 | 05:36 | 19:09 | 18:23 | 04:44 | 05:39 | 19:08 | 18:22 | 04:46 | 05:52 | 19:17 | 18:32 | 04:58 |
| 09 | 05:33 | 19:11 | 19:55 | 04:59 | 05:36 | 19:10 | 19:52 | 05:02 | 05:50 | 19:19 | 20:00 | 05:17 |
| 10 | 05:31 | 19:13 | 21:26 | 05:17 | 05:34 | 19:12 | 21:21 | 05:22 | 05:47 | 19:20 | 21:27 | 05:38 |
| 11 | 05:29 | 19:15 | 22:52 | 05:40 | 05:32 | 19:13 | 22:46 | 05:47 | 05:45 | 19:22 | 22:49 | 06:05 |
| 12 | 05:26 | 19:16 | — | 06:11 | 05:29 | 19:15 | — | 06:20 | 05:43 | 19:24 | — | 06:40 |
| 13 | 05:24 | 19:18 | 00:08 | 06:54 | 05:27 | 19:17 | 00:01 | 07:04 | 05:41 | 19:25 | 00:03 | 07:25 |
| 14 | 05:22 | 19:20 | 01:09 | 07:50 | 05:25 | 19:19 | 01:01 | 08:00 | 05:39 | 19:27 | 01:03 | 08:21 |
| 15 | 05:19 | 19:22 | 01:54 | 08:57 | 05:23 | 19:20 | 01:47 | 09:06 | 05:37 | 19:29 | 01:49 | 09:26 |
| 16 | 05:17 | 19:24 | 02:25 | 10:10 | 05:21 | 19:22 | 02:20 | 10:17 | 05:35 | 19:30 | 02:23 | 10:36 |
| 17 | 05:15 | 19:26 | 02:48 | 11:23 | 05:18 | 19:24 | 02:44 | 11:29 | 05:33 | 19:32 | 02:49 | 11:47 |
| 18 | 05:12 | 19:27 | 03:05 | 12:36 | 05:16 | 19:26 | 03:02 | 12:41 | 05:30 | 19:33 | 03:09 | 12:56 |
| 19 | 05:10 | 19:29 | 03:18 | 13:48 | 05:14 | 19:27 | 03:16 | 13:51 | 05:28 | 19:35 | 03:25 | 14:05 |
| 20 | 05:08 | 19:31 | 03:29 | 14:58 | 05:12 | 19:29 | 03:29 | 15:00 | 05:26 | 19:37 | 03:39 | 15:12 |
| 21 | 05:06 | 19:33 | 03:40 | 16:09 | 05:10 | 19:31 | 03:41 | 16:09 | 05:24 | 19:38 | 03:52 | 16:20 |
| 22 | 05:03 | 19:35 | 03:51 | 17:21 | 05:08 | 19:32 | 03:53 | 17:20 | 05:22 | 19:40 | 04:05 | 17:29 |
| 23 | 05:01 | 19:37 | 04:03 | 18:35 | 05:05 | 19:34 | 04:06 | 18:32 | 05:20 | 19:42 | 04:20 | 18:40 |
| 24 | 04:59 | 19:38 | 04:17 | 19:51 | 05:03 | 19:36 | 04:21 | 19:47 | 05:18 | 19:43 | 04:37 | 19:54 |
| 25 | 04:57 | 19:40 | 04:35 | 21:09 | 05:01 | 19:38 | 04:41 | 21:04 | 05:16 | 19:45 | 04:58 | 21:08 |
| 26 | 04:55 | 19:42 | 04:59 | 22:25 | 04:59 | 19:39 | 05:06 | 22:18 | 05:14 | 19:46 | 05:25 | 22:21 |
| 27 | 04:53 | 19:44 | 05:33 | 23:33 | 04:57 | 19:41 | 05:42 | 23:26 | 05:12 | 19:48 | 06:02 | 23:28 |
| 28 | 04:51 | 19:46 | 06:21 | — | 04:55 | 19:43 | 06:31 | — | 05:11 | 19:50 | 06:52 | — |
| 29 | 04:49 | 19:47 | 07:25 | 00:29 | 04:53 | 19:45 | 07:34 | 00:22 | 05:09 | 19:51 | 07:55 | 00:24 |
| 30 | 04:46 | 19:49 | 08:42 | 01:11 | 04:51 | 19:46 | 08:50 | 01:04 | 05:07 | 19:53 | 09:10 | 01:08 |

April 2028

| | LEIPZIG | | | | MÜNCHEN | | | | NÜRNBERG | | | |
|-------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|----------|-----------|---------|-----------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Datum | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang |
| 01 | 05:45 | 18:44 | 08:30 | 01:15 | 05:51 | 18:45 | 08:52 | 00:59 | 05:52 | 18:48 | 08:47 | 01:09 |
| 02 | 05:43 | 18:46 | 09:37 | 02:07 | 05:49 | 18:46 | 09:58 | 01:52 | 05:50 | 18:49 | 09:53 | 02:02 |
| 03 | 05:41 | 18:48 | 10:55 | 02:48 | 05:47 | 18:48 | 11:13 | 02:35 | 05:48 | 18:51 | 11:10 | 02:44 |
| 04 | 05:38 | 18:49 | 12:20 | 03:18 | 05:45 | 18:49 | 12:34 | 03:09 | 05:46 | 18:52 | 12:32 | 03:16 |
| 05 | 05:36 | 18:51 | 13:47 | 03:42 | 05:43 | 18:50 | 13:57 | 03:37 | 05:44 | 18:54 | 13:57 | 03:42 |
| 06 | 05:34 | 18:53 | 15:14 | 04:02 | 05:41 | 18:52 | 15:21 | 04:00 | 05:42 | 18:55 | 15:22 | 04:04 |
| 07 | 05:32 | 18:54 | 16:42 | 04:19 | 05:39 | 18:53 | 16:44 | 04:21 | 05:39 | 18:57 | 16:47 | 04:23 |
| 08 | 05:30 | 18:56 | 18:10 | 04:36 | 05:37 | 18:55 | 18:08 | 04:42 | 05:37 | 18:58 | 18:12 | 04:43 |
| 09 | 05:27 | 18:58 | 19:38 | 04:54 | 05:35 | 18:56 | 19:32 | 05:03 | 05:35 | 19:00 | 19:38 | 05:03 |
| 10 | 05:25 | 18:59 | 21:05 | 05:15 | 05:33 | 18:58 | 20:56 | 05:28 | 05:33 | 19:02 | 21:03 | 05:26 |
| 11 | 05:23 | 19:01 | 22:29 | 05:41 | 05:31 | 18:59 | 22:15 | 05:58 | 05:31 | 19:03 | 22:24 | 05:55 |
| 12 | 05:21 | 19:03 | 23:43 | 06:15 | 05:29 | 19:00 | 23:27 | 06:36 | 05:29 | 19:05 | 23:37 | 06:31 |
| 13 | 05:19 | 19:04 | — | 07:00 | 05:27 | 19:02 | — | 07:22 | 05:27 | 19:06 | — | 07:17 |
| 14 | 05:16 | 19:06 | 00:43 | 07:56 | 05:25 | 19:03 | 00:27 | 08:19 | 05:25 | 19:08 | 00:37 | 08:13 |
| 15 | 05:14 | 19:08 | 01:30 | 09:01 | 05:23 | 19:05 | 01:15 | 09:22 | 05:23 | 19:09 | 01:24 | 09:17 |
| 16 | 05:12 | 19:09 | 02:03 | 10:11 | 05:21 | 19:06 | 01:51 | 10:29 | 05:21 | 19:11 | 01:59 | 10:26 |
| 17 | 05:10 | 19:11 | 02:28 | 11:22 | 05:20 | 19:08 | 02:20 | 11:37 | 05:19 | 19:12 | 02:26 | 11:35 |
| 18 | 05:08 | 19:13 | 02:48 | 12:33 | 05:18 | 19:09 | 02:42 | 12:44 | 05:17 | 19:14 | 02:48 | 12:43 |
| 19 | 05:06 | 19:14 | 03:04 | 13:42 | 05:16 | 19:11 | 03:01 | 13:50 | 05:15 | 19:15 | 03:05 | 13:50 |
| 20 | 05:04 | 19:16 | 03:17 | 14:50 | 05:14 | 19:12 | 03:17 | 14:55 | 05:13 | 19:17 | 03:21 | 14:56 |
| 21 | 05:02 | 19:18 | 03:30 | 15:58 | 05:12 | 19:13 | 03:33 | 16:00 | 05:11 | 19:18 | 03:35 | 16:03 |
| 22 | 05:00 | 19:19 | 03:43 | 17:07 | 05:10 | 19:15 | 03:49 | 17:06 | 05:09 | 19:20 | 03:50 | 17:10 |
| 23 | 04:58 | 19:21 | 03:57 | 18:19 | 05:08 | 19:16 | 04:06 | 18:14 | 05:07 | 19:21 | 04:06 | 18:19 |
| 24 | 04:56 | 19:23 | 04:14 | 19:32 | 05:07 | 19:18 | 04:26 | 19:25 | 05:06 | 19:23 | 04:24 | 19:31 |
| 25 | 04:54 | 19:24 | 04:34 | 20:47 | 05:05 | 19:19 | 04:49 | 20:36 | 05:04 | 19:24 | 04:47 | 20:44 |
| 26 | 04:52 | 19:26 | 05:01 | 22:01 | 05:03 | 19:21 | 05:19 | 21:47 | 05:02 | 19:26 | 05:16 | 21:55 |
| 27 | 04:50 | 19:27 | 05:38 | 23:08 | 05:01 | 19:22 | 05:59 | 22:52 | 05:00 | 19:27 | 05:54 | 23:02 |
| 28 | 04:48 | 19:29 | 06:27 | — | 05:00 | 19:24 | 06:49 | 23:49 | 04:58 | 19:29 | 06:44 | 23:58 |
| 29 | 04:46 | 19:31 | 07:30 | 00:04 | 04:58 | 19:25 | 07:52 | — | 04:56 | 19:31 | 07:47 | — |
| 30 | 04:44 | 19:32 | 08:45 | 00:48 | 04:56 | 19:26 | 09:04 | 00:35 | 04:55 | 19:32 | 09:00 | 00:43 |

April 2028

| | ROSTOCK | | | | SAARBRÜCKEN | | | | STUTT GART | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 05:43 | 18:48 | 08:11 | 01:36 | 06:09 | 19:04 | 09:05 | 01:24 | 06:00 | 18:55 | 08:59 | 01:13 |
| 02 | 05:41 | 18:50 | 09:19 | 02:27 | 06:06 | 19:05 | 10:12 | 02:17 | 05:58 | 18:56 | 10:05 | 02:06 |
| 03 | 05:38 | 18:52 | 10:41 | 03:05 | 06:04 | 19:07 | 11:28 | 02:59 | 05:56 | 18:58 | 11:21 | 02:48 |
| 04 | 05:36 | 18:54 | 12:10 | 03:32 | 06:02 | 19:08 | 12:50 | 03:32 | 05:54 | 18:59 | 12:42 | 03:21 |
| 05 | 05:33 | 18:56 | 13:41 | 03:51 | 06:00 | 19:10 | 14:14 | 03:58 | 05:52 | 19:01 | 14:06 | 03:48 |
| 06 | 05:31 | 18:58 | 15:12 | 04:07 | 05:58 | 19:11 | 15:39 | 04:20 | 05:50 | 19:02 | 15:30 | 04:11 |
| 07 | 05:29 | 19:00 | 16:44 | 04:21 | 05:56 | 19:13 | 17:04 | 04:40 | 05:48 | 19:04 | 16:55 | 04:31 |
| 08 | 05:26 | 19:01 | 18:15 | 04:34 | 05:54 | 19:14 | 18:29 | 04:59 | 05:46 | 19:05 | 18:19 | 04:51 |
| 09 | 05:24 | 19:03 | 19:48 | 04:49 | 05:52 | 19:16 | 19:55 | 05:20 | 05:44 | 19:07 | 19:44 | 05:12 |
| 10 | 05:21 | 19:05 | 21:19 | 05:06 | 05:50 | 19:18 | 21:19 | 05:44 | 05:42 | 19:08 | 21:08 | 05:36 |
| 11 | 05:19 | 19:07 | 22:47 | 05:28 | 05:48 | 19:19 | 22:40 | 06:12 | 05:40 | 19:10 | 22:29 | 06:05 |
| 12 | 05:17 | 19:09 | — | 05:59 | 05:46 | 19:21 | 23:53 | 06:49 | 05:38 | 19:11 | 23:41 | 06:42 |
| 13 | 05:14 | 19:11 | 00:03 | 06:41 | 05:44 | 19:22 | — | 07:35 | 05:36 | 19:13 | — | 07:29 |
| 14 | 05:12 | 19:13 | 01:05 | 07:37 | 05:42 | 19:24 | 00:53 | 08:32 | 05:34 | 19:14 | 00:41 | 08:25 |
| 15 | 05:09 | 19:15 | 01:49 | 08:44 | 05:40 | 19:25 | 01:40 | 09:36 | 05:32 | 19:16 | 01:28 | 09:29 |
| 16 | 05:07 | 19:16 | 02:20 | 09:57 | 05:38 | 19:27 | 02:15 | 10:44 | 05:30 | 19:17 | 02:04 | 10:37 |
| 17 | 05:05 | 19:18 | 02:42 | 11:12 | 05:36 | 19:28 | 02:42 | 11:53 | 05:28 | 19:19 | 02:32 | 11:45 |
| 18 | 05:02 | 19:20 | 02:58 | 12:25 | 05:34 | 19:30 | 03:03 | 13:01 | 05:26 | 19:20 | 02:53 | 12:53 |
| 19 | 05:00 | 19:22 | 03:10 | 13:38 | 05:32 | 19:31 | 03:21 | 14:07 | 05:24 | 19:21 | 03:12 | 13:59 |
| 20 | 04:58 | 19:24 | 03:21 | 14:49 | 05:30 | 19:33 | 03:37 | 15:13 | 05:22 | 19:23 | 03:28 | 15:04 |
| 21 | 04:56 | 19:26 | 03:31 | 16:00 | 05:28 | 19:34 | 03:52 | 16:20 | 05:20 | 19:24 | 03:43 | 16:10 |
| 22 | 04:53 | 19:28 | 03:42 | 17:12 | 05:26 | 19:36 | 04:07 | 17:27 | 05:18 | 19:26 | 03:58 | 17:17 |
| 23 | 04:51 | 19:30 | 03:53 | 18:27 | 05:24 | 19:37 | 04:23 | 18:36 | 05:17 | 19:27 | 04:15 | 18:26 |
| 24 | 04:49 | 19:31 | 04:06 | 19:44 | 05:22 | 19:39 | 04:41 | 19:48 | 05:15 | 19:29 | 04:34 | 19:37 |
| 25 | 04:47 | 19:33 | 04:23 | 21:03 | 05:21 | 19:40 | 05:04 | 21:00 | 05:13 | 19:30 | 04:57 | 20:49 |
| 26 | 04:45 | 19:35 | 04:47 | 22:19 | 05:19 | 19:42 | 05:33 | 22:11 | 05:11 | 19:32 | 05:26 | 22:00 |
| 27 | 04:42 | 19:37 | 05:20 | 23:28 | 05:17 | 19:43 | 06:12 | 23:17 | 05:09 | 19:33 | 06:05 | 23:06 |
| 28 | 04:40 | 19:39 | 06:08 | — | 05:15 | 19:45 | 07:02 | — | 05:08 | 19:35 | 06:56 | — |
| 29 | 04:38 | 19:41 | 07:12 | 00:24 | 05:13 | 19:46 | 08:05 | 00:14 | 05:06 | 19:36 | 07:58 | 00:02 |
| 30 | 04:36 | 19:43 | 08:30 | 01:05 | 05:12 | 19:48 | 09:18 | 00:59 | 05:04 | 19:38 | 09:11 | 00:47 |

MAI 2028

HAUPTKALENDARIUM

| Datum | Jahres- tag | Kalender- woche | Sonn- und Feiertage | Sonn- lauf | Mondlauf | | |
|--------------|----------------|--------------------|------------------------|---------------|----------|--------------------------|--|
| | | | | | Phase | Länge im Tierkreis | Mondwenden Entfernung Mondknoten |
| 01 Mo | 122 | 18 | Maifeiertag | | ☾ | ♈ 26° | Erdnähe |
| 02 Di | 123 | | | | | ♉ 10° | |
| 03 Mi | 124 | | | | | ♊ 24° | |
| 04 Do | 125 | | | | | ♋ 09° | |
| 05 Fr | 126 | | | | | ♌ 23° | |
| 06 Sa | 127 | | | | | ♍ 08° | |
| 07 So | 128 | 19 | Jubilate | | ♎ 22° | Südw. | |
| 08 Mo | 129 | | Europatag | | ☉ | | ♏ 06° |
| 09 Di | 130 | | | | | | ♐ 21° |
| 10 Mi | 131 | | | | | | ♑ 04° |
| 11 Do | 132 | | | | | | ♒ 18° |
| 12 Fr | 133 | | | | | | ♓ 01° |
| 13 Sa | 134 | | | | | | ♈ 14° |
| 14 So | 135 | 20 | Kantate 1) | | ♓ 26° | Erdferne | |
| 15 Mo | 136 | | ☾ | | ♈ | | ♈ 08° |
| 16 Di | 137 | | | | | | ♈ 20° |
| 17 Mi | 138 | | | | | | ♉ 02° |
| 18 Do | 139 | | | | | | ♉ 14° |
| 19 Fr | 140 | | | | | | ♊ 26° |
| 20 Sa | 141 | | | | | | ♊ 08° |
| 21 So | 142 | 21 | Rogate | | ♊ 20° | Nordw. | |
| 22 Mo | 143 | | Christi Himmelfahrt | | ☉ | | ♋ 03° |
| 23 Di | 144 | | | | | | ♋ 16° |
| 24 Mi | 145 | | | | | | ♋ 29° |
| 25 Do | 146 | | | | | | ♌ 12° |
| 26 Fr | 147 | | | | | | ♌ 25° |
| 27 Sa | 148 | | | | | | ♍ 09° |
| 28 So | 149 | 22 | Exaudi | | ♍ 23° | ♌ | |
| 29 Mo | 150 | | Quatemberwoche | | ☉ | ♎ 07° | |
| 30 Di | 151 | | | | | ♎ 21° | |
| 31 Mi | 152 | | | | | ♏ 05° | Erdnähe |

*) Am 20. Mai um 13:10 Uhr MEZ tritt die Sonne ins Zeichen Zwillinge (♊)

1) Muttertag; er wird nach allgemeinem Brauch am 2. Sonntag im Mai begangen.

Mai 2028

| | KASSEL | | | | BERLIN | | | | BREMEN | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 04:54 | 19:46 | 10:19 | 01:32 | 04:34 | 19:34 | 09:57 | 01:22 | 04:51 | 19:54 | 10:14 | 01:43 |
| 02 | 04:52 | 19:47 | 11:43 | 01:57 | 04:32 | 19:36 | 11:23 | 01:46 | 04:49 | 19:56 | 11:41 | 02:06 |
| 03 | 04:50 | 19:49 | 13:07 | 02:17 | 04:31 | 19:37 | 12:49 | 02:04 | 04:47 | 19:58 | 13:07 | 02:24 |
| 04 | 04:48 | 19:50 | 14:31 | 02:35 | 04:29 | 19:39 | 14:15 | 02:20 | 04:45 | 19:59 | 14:34 | 02:39 |
| 05 | 04:47 | 19:52 | 15:56 | 02:52 | 04:27 | 19:41 | 15:41 | 02:36 | 04:43 | 20:01 | 16:01 | 02:54 |
| 06 | 04:45 | 19:54 | 17:21 | 03:09 | 04:25 | 19:42 | 17:08 | 02:51 | 04:41 | 20:03 | 17:29 | 03:09 |
| 07 | 04:43 | 19:55 | 18:48 | 03:28 | 04:23 | 19:44 | 18:36 | 03:09 | 04:39 | 20:04 | 18:57 | 03:26 |
| 08 | 04:41 | 19:57 | 20:12 | 03:52 | 04:21 | 19:46 | 20:02 | 03:31 | 04:37 | 20:06 | 20:25 | 03:47 |
| 09 | 04:40 | 19:58 | 21:31 | 04:22 | 04:20 | 19:47 | 21:23 | 03:59 | 04:36 | 20:08 | 21:46 | 04:15 |
| 10 | 04:38 | 20:00 | 22:39 | 05:02 | 04:18 | 19:49 | 22:31 | 04:38 | 04:34 | 20:10 | 22:54 | 04:53 |
| 11 | 04:36 | 20:01 | 23:32 | 05:54 | 04:16 | 19:51 | 23:24 | 05:30 | 04:32 | 20:11 | 23:47 | 05:45 |
| 12 | 04:35 | 20:03 | — | 06:57 | 04:15 | 19:52 | — | 06:33 | 04:30 | 20:13 | — | 06:48 |
| 13 | 04:33 | 20:04 | 00:12 | 08:06 | 04:13 | 19:54 | 00:03 | 07:43 | 04:29 | 20:14 | 00:25 | 07:59 |
| 14 | 04:32 | 20:06 | 00:41 | 09:18 | 04:11 | 19:55 | 00:31 | 08:57 | 04:27 | 20:16 | 00:52 | 09:13 |
| 15 | 04:30 | 20:07 | 01:03 | 10:30 | 04:10 | 19:57 | 00:51 | 10:10 | 04:26 | 20:18 | 01:12 | 10:27 |
| 16 | 04:29 | 20:09 | 01:20 | 11:40 | 04:08 | 19:59 | 01:07 | 11:21 | 04:24 | 20:19 | 01:27 | 11:39 |
| 17 | 04:27 | 20:10 | 01:34 | 12:48 | 04:07 | 20:00 | 01:20 | 12:30 | 04:22 | 20:21 | 01:40 | 12:49 |
| 18 | 04:26 | 20:12 | 01:48 | 13:56 | 04:05 | 20:02 | 01:33 | 13:40 | 04:21 | 20:22 | 01:51 | 13:59 |
| 19 | 04:25 | 20:13 | 02:01 | 15:04 | 04:04 | 20:03 | 01:44 | 14:49 | 04:20 | 20:24 | 02:02 | 15:09 |
| 20 | 04:23 | 20:14 | 02:14 | 16:14 | 04:03 | 20:05 | 01:57 | 16:01 | 04:18 | 20:26 | 02:14 | 16:21 |
| 21 | 04:22 | 20:16 | 02:30 | 17:27 | 04:01 | 20:06 | 02:11 | 17:15 | 04:17 | 20:27 | 02:28 | 17:36 |
| 22 | 04:21 | 20:17 | 02:49 | 18:42 | 04:00 | 20:07 | 02:29 | 18:31 | 04:15 | 20:28 | 02:45 | 18:53 |
| 23 | 04:20 | 20:19 | 03:14 | 19:57 | 03:59 | 20:09 | 02:52 | 19:48 | 04:14 | 20:30 | 03:08 | 20:10 |
| 24 | 04:19 | 20:20 | 03:47 | 21:08 | 03:57 | 20:10 | 03:24 | 20:59 | 04:13 | 20:31 | 03:39 | 21:22 |
| 25 | 04:18 | 20:21 | 04:33 | 22:09 | 03:56 | 20:12 | 04:08 | 22:01 | 04:12 | 20:33 | 04:24 | 22:24 |
| 26 | 04:17 | 20:22 | 05:33 | 22:58 | 03:55 | 20:13 | 05:08 | 22:49 | 04:10 | 20:34 | 05:24 | 23:11 |
| 27 | 04:16 | 20:24 | 06:46 | 23:34 | 03:54 | 20:14 | 06:22 | 23:24 | 04:09 | 20:35 | 06:38 | 23:46 |
| 28 | 04:15 | 20:25 | 08:07 | — | 03:53 | 20:15 | 07:45 | 23:50 | 04:08 | 20:37 | 08:02 | — |
| 29 | 04:14 | 20:26 | 09:31 | 00:02 | 03:52 | 20:17 | 09:11 | — | 04:07 | 20:38 | 09:28 | 00:11 |
| 30 | 04:13 | 20:27 | 10:55 | 00:23 | 03:51 | 20:18 | 10:37 | 00:10 | 04:06 | 20:39 | 10:55 | 00:30 |
| 31 | 04:12 | 20:28 | 12:18 | 00:41 | 03:50 | 20:19 | 12:01 | 00:27 | 04:05 | 20:40 | 12:20 | 00:46 |

In +50° geogr. Breite: Dauer der bürgerlichen Dämmerung am 15. Mai 40m.
Tagesl. am 1. Mai 14h44m, am 31. Mai 16h04m; somit Zunahme der Tagesl. im Mai 1h20m.

Mai 2028

| | DRESDEN | | | | FRANKFURT/M. | | | | FREIBURG | | | |
|-----------|---------|-----------|---------|-----------|--------------|-----------|---------|-----------|----------|-----------|---------|-----------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Datum | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang |
| 01 | 04:38 | 19:28 | 10:02 | 01:14 | 05:01 | 19:45 | 10:27 | 01:30 | 05:10 | 19:42 | 10:38 | 01:25 |
| 02 | 04:36 | 19:29 | 11:26 | 01:39 | 04:59 | 19:47 | 11:50 | 01:57 | 05:08 | 19:44 | 11:58 | 01:54 |
| 03 | 04:34 | 19:31 | 12:50 | 02:00 | 04:57 | 19:48 | 13:12 | 02:18 | 05:07 | 19:45 | 13:19 | 02:18 |
| 04 | 04:32 | 19:32 | 14:13 | 02:18 | 04:55 | 19:50 | 14:35 | 02:37 | 05:05 | 19:47 | 14:39 | 02:39 |
| 05 | 04:30 | 19:34 | 15:38 | 02:35 | 04:54 | 19:51 | 15:58 | 02:55 | 05:03 | 19:48 | 16:00 | 02:59 |
| 06 | 04:29 | 19:36 | 17:03 | 02:52 | 04:52 | 19:53 | 17:22 | 03:14 | 05:02 | 19:49 | 17:21 | 03:20 |
| 07 | 04:27 | 19:37 | 18:29 | 03:11 | 04:50 | 19:54 | 18:47 | 03:35 | 05:00 | 19:51 | 18:43 | 03:43 |
| 08 | 04:25 | 19:39 | 19:53 | 03:35 | 04:49 | 19:56 | 20:10 | 04:00 | 04:59 | 19:52 | 20:04 | 04:11 |
| 09 | 04:24 | 19:40 | 21:12 | 04:06 | 04:47 | 19:57 | 21:28 | 04:31 | 04:58 | 19:53 | 21:20 | 04:45 |
| 10 | 04:22 | 19:42 | 22:20 | 04:46 | 04:46 | 19:59 | 22:35 | 05:13 | 04:56 | 19:55 | 22:26 | 05:28 |
| 11 | 04:20 | 19:43 | 23:13 | 05:38 | 04:44 | 20:00 | 23:28 | 06:05 | 04:55 | 19:56 | 23:20 | 06:21 |
| 12 | 04:19 | 19:45 | 23:53 | 06:41 | 04:43 | 20:02 | — | 07:07 | 04:53 | 19:57 | — | 07:22 |
| 13 | 04:17 | 19:46 | — | 07:50 | 04:41 | 20:03 | 00:09 | 08:16 | 04:52 | 19:59 | 00:02 | 08:30 |
| 14 | 04:16 | 19:48 | 00:22 | 09:02 | 04:40 | 20:04 | 00:39 | 09:27 | 04:51 | 20:00 | 00:34 | 09:38 |
| 15 | 04:14 | 19:49 | 00:44 | 10:13 | 04:38 | 20:06 | 01:02 | 10:37 | 04:49 | 20:01 | 00:59 | 10:46 |
| 16 | 04:13 | 19:51 | 01:02 | 11:22 | 04:37 | 20:07 | 01:20 | 11:45 | 04:48 | 20:03 | 01:19 | 11:53 |
| 17 | 04:12 | 19:52 | 01:17 | 12:30 | 04:36 | 20:09 | 01:36 | 12:52 | 04:47 | 20:04 | 01:37 | 12:58 |
| 18 | 04:10 | 19:54 | 01:30 | 13:38 | 04:34 | 20:10 | 01:50 | 13:59 | 04:46 | 20:05 | 01:53 | 14:02 |
| 19 | 04:09 | 19:55 | 01:44 | 14:46 | 04:33 | 20:11 | 02:05 | 15:06 | 04:45 | 20:06 | 02:09 | 15:08 |
| 20 | 04:08 | 19:56 | 01:58 | 15:56 | 04:32 | 20:13 | 02:19 | 16:15 | 04:44 | 20:08 | 02:26 | 16:15 |
| 21 | 04:06 | 19:58 | 02:13 | 17:08 | 04:31 | 20:14 | 02:36 | 17:27 | 04:42 | 20:09 | 02:44 | 17:24 |
| 22 | 04:05 | 19:59 | 02:33 | 18:23 | 04:30 | 20:15 | 02:57 | 18:40 | 04:41 | 20:10 | 03:07 | 18:35 |
| 23 | 04:04 | 20:00 | 02:58 | 19:38 | 04:28 | 20:16 | 03:22 | 19:54 | 04:40 | 20:11 | 03:35 | 19:47 |
| 24 | 04:03 | 20:02 | 03:31 | 20:48 | 04:27 | 20:18 | 03:57 | 21:04 | 04:39 | 20:12 | 04:11 | 20:56 |
| 25 | 04:02 | 20:03 | 04:17 | 21:50 | 04:26 | 20:19 | 04:43 | 22:05 | 04:39 | 20:13 | 04:59 | 21:57 |
| 26 | 04:01 | 20:04 | 05:16 | 22:39 | 04:25 | 20:20 | 05:43 | 22:54 | 04:38 | 20:14 | 05:59 | 22:47 |
| 27 | 04:00 | 20:05 | 06:29 | 23:15 | 04:24 | 20:21 | 06:56 | 23:32 | 04:37 | 20:15 | 07:10 | 23:26 |
| 28 | 03:59 | 20:07 | 07:50 | 23:43 | 04:24 | 20:22 | 08:16 | — | 04:36 | 20:17 | 08:28 | 23:57 |
| 29 | 03:58 | 20:08 | 09:14 | — | 04:23 | 20:24 | 09:39 | 00:01 | 04:35 | 20:18 | 09:48 | — |
| 30 | 03:57 | 20:09 | 10:38 | 00:05 | 04:22 | 20:25 | 11:01 | 00:24 | 04:34 | 20:19 | 11:08 | 00:23 |
| 31 | 03:56 | 20:10 | 12:01 | 00:24 | 04:21 | 20:26 | 12:23 | 00:43 | 04:34 | 20:20 | 12:27 | 00:44 |

Mai 2028

| | HAMBURG | | | | HANNOVER | | | | KÖLN | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 04:44 | 19:51 | 10:07 | 01:41 | 04:49 | 19:48 | 10:13 | 01:36 | 05:05 | 19:55 | 10:31 | 01:41 |
| 02 | 04:42 | 19:53 | 11:34 | 02:03 | 04:47 | 19:50 | 11:39 | 02:00 | 05:03 | 19:56 | 11:55 | 02:06 |
| 03 | 04:40 | 19:55 | 13:02 | 02:20 | 04:46 | 19:51 | 13:05 | 02:19 | 05:01 | 19:58 | 13:19 | 02:27 |
| 04 | 04:38 | 19:56 | 14:29 | 02:35 | 04:44 | 19:53 | 14:30 | 02:35 | 05:00 | 19:59 | 14:42 | 02:45 |
| 05 | 04:37 | 19:58 | 15:56 | 02:49 | 04:42 | 19:55 | 15:56 | 02:50 | 04:58 | 20:01 | 16:06 | 03:02 |
| 06 | 04:35 | 20:00 | 17:25 | 03:03 | 04:40 | 19:56 | 17:23 | 03:06 | 04:56 | 20:02 | 17:31 | 03:20 |
| 07 | 04:33 | 20:02 | 18:54 | 03:19 | 04:38 | 19:58 | 18:51 | 03:24 | 04:55 | 20:04 | 18:57 | 03:39 |
| 08 | 04:31 | 20:03 | 20:22 | 03:40 | 04:36 | 20:00 | 20:17 | 03:46 | 04:53 | 20:05 | 20:21 | 04:03 |
| 09 | 04:29 | 20:05 | 21:44 | 04:07 | 04:35 | 20:01 | 21:37 | 04:15 | 04:51 | 20:07 | 21:40 | 04:34 |
| 10 | 04:27 | 20:07 | 22:53 | 04:45 | 04:33 | 20:03 | 22:45 | 04:54 | 04:50 | 20:09 | 22:47 | 05:15 |
| 11 | 04:25 | 20:08 | 23:45 | 05:36 | 04:31 | 20:05 | 23:38 | 05:46 | 04:48 | 20:10 | 23:40 | 06:07 |
| 12 | 04:24 | 20:10 | — | 06:40 | 04:30 | 20:06 | — | 06:49 | 04:47 | 20:12 | — | 07:10 |
| 13 | 04:22 | 20:12 | 00:23 | 07:52 | 04:28 | 20:08 | 00:17 | 08:00 | 04:45 | 20:13 | 00:20 | 08:19 |
| 14 | 04:20 | 20:14 | 00:49 | 09:06 | 04:27 | 20:09 | 00:45 | 09:13 | 04:44 | 20:14 | 00:49 | 09:31 |
| 15 | 04:19 | 20:15 | 01:09 | 10:20 | 04:25 | 20:11 | 01:05 | 10:25 | 04:42 | 20:16 | 01:12 | 10:42 |
| 16 | 04:17 | 20:17 | 01:23 | 11:33 | 04:23 | 20:12 | 01:21 | 11:36 | 04:41 | 20:17 | 01:29 | 11:51 |
| 17 | 04:15 | 20:18 | 01:36 | 12:44 | 04:22 | 20:14 | 01:35 | 12:46 | 04:39 | 20:19 | 01:44 | 12:59 |
| 18 | 04:14 | 20:20 | 01:47 | 13:54 | 04:21 | 20:15 | 01:47 | 13:55 | 04:38 | 20:20 | 01:58 | 14:06 |
| 19 | 04:12 | 20:22 | 01:57 | 15:05 | 04:19 | 20:17 | 01:59 | 15:04 | 04:37 | 20:22 | 02:11 | 15:14 |
| 20 | 04:11 | 20:23 | 02:09 | 16:17 | 04:18 | 20:18 | 02:12 | 16:16 | 04:35 | 20:23 | 02:25 | 16:24 |
| 21 | 04:10 | 20:25 | 02:22 | 17:33 | 04:16 | 20:20 | 02:26 | 17:30 | 04:34 | 20:24 | 02:41 | 17:37 |
| 22 | 04:08 | 20:26 | 02:39 | 18:51 | 04:15 | 20:21 | 02:44 | 18:46 | 04:33 | 20:26 | 03:01 | 18:51 |
| 23 | 04:07 | 20:28 | 03:01 | 20:08 | 04:14 | 20:23 | 03:08 | 20:02 | 04:32 | 20:27 | 03:26 | 20:06 |
| 24 | 04:06 | 20:29 | 03:31 | 21:21 | 04:13 | 20:24 | 03:40 | 21:14 | 04:31 | 20:28 | 04:00 | 21:16 |
| 25 | 04:04 | 20:31 | 04:15 | 22:22 | 04:12 | 20:25 | 04:25 | 22:15 | 04:30 | 20:30 | 04:45 | 22:17 |
| 26 | 04:03 | 20:32 | 05:15 | 23:09 | 04:10 | 20:27 | 05:25 | 23:03 | 04:28 | 20:31 | 05:46 | 23:06 |
| 27 | 04:02 | 20:33 | 06:30 | 23:43 | 04:09 | 20:28 | 06:39 | 23:38 | 04:27 | 20:32 | 06:59 | 23:43 |
| 28 | 04:01 | 20:35 | 07:54 | — | 04:08 | 20:29 | 08:01 | — | 04:27 | 20:33 | 08:19 | — |
| 29 | 04:00 | 20:36 | 09:22 | 00:08 | 04:07 | 20:30 | 09:27 | 00:04 | 04:26 | 20:34 | 09:43 | 00:11 |
| 30 | 03:59 | 20:37 | 10:49 | 00:27 | 04:06 | 20:32 | 10:52 | 00:25 | 04:25 | 20:36 | 11:07 | 00:33 |
| 31 | 03:58 | 20:38 | 12:15 | 00:42 | 04:06 | 20:33 | 12:17 | 00:41 | 04:24 | 20:37 | 12:29 | 00:51 |

Mai 2028

| | LEIPZIG | | | | MÜNCHEN | | | | NÜRNBERG | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 04:42 | 19:34 | 10:06 | 01:20 | 04:55 | 19:28 | 10:22 | 01:11 | 04:53 | 19:34 | 10:19 | 01:18 |
| 02 | 04:40 | 19:36 | 11:31 | 01:46 | 04:53 | 19:29 | 11:42 | 01:39 | 04:51 | 19:35 | 11:41 | 01:45 |
| 03 | 04:39 | 19:37 | 12:55 | 02:06 | 04:51 | 19:31 | 13:03 | 02:03 | 04:50 | 19:37 | 13:03 | 02:08 |
| 04 | 04:37 | 19:39 | 14:19 | 02:23 | 04:50 | 19:32 | 14:23 | 02:24 | 04:48 | 19:38 | 14:25 | 02:27 |
| 05 | 04:35 | 19:41 | 15:44 | 02:40 | 04:48 | 19:33 | 15:44 | 02:44 | 04:46 | 19:39 | 15:47 | 02:46 |
| 06 | 04:33 | 19:42 | 17:09 | 02:57 | 04:47 | 19:35 | 17:06 | 03:05 | 04:45 | 19:41 | 17:11 | 03:05 |
| 07 | 04:31 | 19:44 | 18:35 | 03:16 | 04:45 | 19:36 | 18:28 | 03:28 | 04:43 | 19:42 | 18:34 | 03:27 |
| 08 | 04:30 | 19:45 | 20:00 | 03:40 | 04:44 | 19:38 | 19:49 | 03:55 | 04:41 | 19:44 | 19:57 | 03:52 |
| 09 | 04:28 | 19:47 | 21:19 | 04:10 | 04:42 | 19:39 | 21:05 | 04:29 | 04:40 | 19:45 | 21:14 | 04:25 |
| 10 | 04:26 | 19:48 | 22:27 | 04:50 | 04:41 | 19:40 | 22:11 | 05:11 | 04:38 | 19:47 | 22:21 | 05:06 |
| 11 | 04:25 | 19:50 | 23:21 | 05:42 | 04:39 | 19:42 | 23:05 | 06:04 | 04:37 | 19:48 | 23:15 | 05:59 |
| 12 | 04:23 | 19:51 | — | 06:45 | 04:38 | 19:43 | 23:47 | 07:06 | 04:35 | 19:50 | 23:56 | 07:01 |
| 13 | 04:22 | 19:53 | 00:00 | 07:54 | 04:37 | 19:44 | — | 08:13 | 04:34 | 19:51 | — | 08:09 |
| 14 | 04:20 | 19:54 | 00:29 | 09:06 | 04:35 | 19:46 | 00:19 | 09:22 | 04:33 | 19:52 | 00:26 | 09:19 |
| 15 | 04:19 | 19:56 | 00:51 | 10:18 | 04:34 | 19:47 | 00:44 | 10:30 | 04:31 | 19:54 | 00:50 | 10:29 |
| 16 | 04:17 | 19:57 | 01:08 | 11:27 | 04:33 | 19:48 | 01:04 | 11:37 | 04:30 | 19:55 | 01:09 | 11:37 |
| 17 | 04:16 | 19:59 | 01:23 | 12:36 | 04:32 | 19:49 | 01:22 | 12:42 | 04:29 | 19:56 | 01:26 | 12:43 |
| 18 | 04:15 | 20:00 | 01:36 | 13:44 | 04:30 | 19:51 | 01:38 | 13:47 | 04:27 | 19:58 | 01:41 | 13:49 |
| 19 | 04:13 | 20:02 | 01:49 | 14:52 | 04:29 | 19:52 | 01:54 | 14:52 | 04:26 | 19:59 | 01:55 | 14:56 |
| 20 | 04:12 | 20:03 | 02:03 | 16:02 | 04:28 | 19:53 | 02:10 | 15:59 | 04:25 | 20:00 | 02:11 | 16:04 |
| 21 | 04:11 | 20:04 | 02:18 | 17:15 | 04:27 | 19:54 | 02:29 | 17:09 | 04:24 | 20:02 | 02:28 | 17:15 |
| 22 | 04:09 | 20:06 | 02:37 | 18:30 | 04:26 | 19:56 | 02:51 | 18:20 | 04:23 | 20:03 | 02:49 | 18:27 |
| 23 | 04:08 | 20:07 | 03:02 | 19:45 | 04:25 | 19:57 | 03:19 | 19:32 | 04:22 | 20:04 | 03:16 | 19:41 |
| 24 | 04:07 | 20:08 | 03:35 | 20:56 | 04:24 | 19:58 | 03:55 | 20:41 | 04:21 | 20:05 | 03:51 | 20:50 |
| 25 | 04:06 | 20:10 | 04:20 | 21:57 | 04:23 | 19:59 | 04:42 | 21:42 | 04:20 | 20:06 | 04:37 | 21:51 |
| 26 | 04:05 | 20:11 | 05:20 | 22:46 | 04:22 | 20:00 | 05:42 | 22:32 | 04:19 | 20:08 | 05:37 | 22:41 |
| 27 | 04:04 | 20:12 | 06:33 | 23:22 | 04:21 | 20:01 | 06:53 | 23:12 | 04:18 | 20:09 | 06:49 | 23:19 |
| 28 | 04:03 | 20:13 | 07:55 | 23:50 | 04:20 | 20:02 | 08:11 | 23:43 | 04:17 | 20:10 | 08:08 | 23:49 |
| 29 | 04:02 | 20:15 | 09:19 | — | 04:20 | 20:03 | 09:32 | — | 04:16 | 20:11 | 09:30 | — |
| 30 | 04:01 | 20:16 | 10:43 | 00:11 | 04:19 | 20:04 | 10:52 | 00:08 | 04:15 | 20:12 | 10:52 | 00:13 |
| 31 | 04:00 | 20:17 | 12:06 | 00:30 | 04:18 | 20:05 | 12:12 | 00:29 | 04:14 | 20:13 | 12:13 | 00:33 |

Mai 2028

| | ROSTOCK | | | | SAARBRÜCKEN | | | | STUTT GART | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 04:34 | 19:44 | 09:55 | 01:35 | 05:10 | 19:49 | 10:38 | 01:34 | 05:02 | 19:39 | 10:30 | 01:23 |
| 02 | 04:32 | 19:46 | 11:23 | 01:56 | 05:08 | 19:51 | 11:59 | 02:01 | 05:01 | 19:41 | 11:51 | 01:51 |
| 03 | 04:30 | 19:48 | 12:52 | 02:13 | 05:07 | 19:52 | 13:21 | 02:24 | 04:59 | 19:42 | 13:12 | 02:14 |
| 04 | 04:28 | 19:50 | 14:19 | 02:27 | 05:05 | 19:54 | 14:42 | 02:44 | 04:58 | 19:44 | 14:33 | 02:34 |
| 05 | 04:26 | 19:52 | 15:48 | 02:40 | 05:03 | 19:55 | 16:04 | 03:02 | 04:56 | 19:45 | 15:55 | 02:54 |
| 06 | 04:24 | 19:54 | 17:17 | 02:54 | 05:02 | 19:57 | 17:27 | 03:22 | 04:54 | 19:46 | 17:17 | 03:14 |
| 07 | 04:22 | 19:55 | 18:48 | 03:09 | 05:00 | 19:58 | 18:51 | 03:44 | 04:53 | 19:48 | 18:40 | 03:36 |
| 08 | 04:20 | 19:57 | 20:16 | 03:29 | 04:59 | 19:59 | 20:13 | 04:10 | 04:51 | 19:49 | 20:02 | 04:02 |
| 09 | 04:18 | 19:59 | 21:39 | 03:55 | 04:57 | 20:01 | 21:30 | 04:43 | 04:50 | 19:51 | 21:18 | 04:36 |
| 10 | 04:16 | 20:01 | 22:48 | 04:32 | 04:56 | 20:02 | 22:37 | 05:25 | 04:48 | 19:52 | 22:25 | 05:18 |
| 11 | 04:14 | 20:02 | 23:41 | 05:23 | 04:54 | 20:04 | 23:30 | 06:17 | 04:47 | 19:53 | 23:19 | 06:11 |
| 12 | 04:13 | 20:04 | — | 06:27 | 04:53 | 20:05 | — | 07:19 | 04:45 | 19:55 | — | 07:13 |
| 13 | 04:11 | 20:06 | 00:18 | 07:39 | 04:51 | 20:06 | 00:11 | 08:27 | 04:44 | 19:56 | 00:00 | 08:20 |
| 14 | 04:09 | 20:07 | 00:44 | 08:55 | 04:50 | 20:08 | 00:42 | 09:37 | 04:43 | 19:57 | 00:31 | 09:30 |
| 15 | 04:08 | 20:09 | 01:02 | 10:09 | 04:48 | 20:09 | 01:06 | 10:47 | 04:41 | 19:59 | 00:56 | 10:39 |
| 16 | 04:06 | 20:11 | 01:16 | 11:22 | 04:47 | 20:11 | 01:25 | 11:54 | 04:40 | 20:00 | 01:15 | 11:46 |
| 17 | 04:04 | 20:13 | 01:28 | 12:34 | 04:46 | 20:12 | 01:42 | 13:00 | 04:39 | 20:01 | 01:32 | 12:52 |
| 18 | 04:03 | 20:14 | 01:38 | 13:45 | 04:45 | 20:13 | 01:57 | 14:06 | 04:38 | 20:03 | 01:48 | 13:57 |
| 19 | 04:01 | 20:16 | 01:49 | 14:56 | 04:43 | 20:14 | 02:12 | 15:12 | 04:36 | 20:04 | 02:03 | 15:03 |
| 20 | 04:00 | 20:17 | 01:59 | 16:10 | 04:42 | 20:16 | 02:27 | 16:21 | 04:35 | 20:05 | 02:19 | 16:11 |
| 21 | 03:58 | 20:19 | 02:12 | 17:26 | 04:41 | 20:17 | 02:45 | 17:31 | 04:34 | 20:06 | 02:37 | 17:21 |
| 22 | 03:57 | 20:20 | 02:28 | 18:44 | 04:40 | 20:18 | 03:06 | 18:44 | 04:33 | 20:08 | 02:59 | 18:33 |
| 23 | 03:56 | 20:22 | 02:49 | 20:03 | 04:39 | 20:19 | 03:33 | 19:57 | 04:32 | 20:09 | 03:26 | 19:45 |
| 24 | 03:54 | 20:23 | 03:19 | 21:16 | 04:38 | 20:21 | 04:09 | 21:06 | 04:31 | 20:10 | 04:02 | 20:54 |
| 25 | 03:53 | 20:25 | 04:02 | 22:18 | 04:37 | 20:22 | 04:55 | 22:07 | 04:30 | 20:11 | 04:49 | 21:55 |
| 26 | 03:52 | 20:26 | 05:02 | 23:04 | 04:36 | 20:23 | 05:56 | 22:56 | 04:29 | 20:12 | 05:49 | 22:45 |
| 27 | 03:51 | 20:28 | 06:17 | 23:38 | 04:35 | 20:24 | 07:07 | 23:35 | 04:28 | 20:13 | 07:00 | 23:24 |
| 28 | 03:49 | 20:29 | 07:42 | — | 04:34 | 20:25 | 08:26 | — | 04:27 | 20:14 | 08:19 | 23:54 |
| 29 | 03:48 | 20:30 | 09:11 | 00:01 | 04:33 | 20:26 | 09:48 | 00:05 | 04:27 | 20:16 | 09:40 | — |
| 30 | 03:47 | 20:32 | 10:39 | 00:19 | 04:33 | 20:27 | 11:10 | 00:29 | 04:26 | 20:17 | 11:01 | 00:19 |
| 31 | 03:46 | 20:33 | 12:06 | 00:34 | 04:32 | 20:28 | 12:30 | 00:49 | 04:25 | 20:18 | 12:21 | 00:40 |

JUNI 2028

HAUPTKALENDARIUM

| Datum | Jahres- tag | Kalen- der- wo- che | Sonn- und Feiertage | Son- nen- lauf | Mondlauf | | |
|--------------|----------------|------------------------------|---|----------------------|----------|--------------------------|--|
| | | | | | Phase | Länge im Tierkreis | Mondwenden Entfernung Mondknoten |
| 01 Do | 153 | 23 | Pfingstsonntag Pfingstmontag | | | ♍ 19° | Südw. |
| 02 Fr | 154 | | | | | ♎ 04° | |
| 03 Sa | 155 | | | | | ♎ 18° | |
| 04 So | 156 | | | | | ♍ 02° | |
| 05 Mo | 157 | | | | | ♍ 16° | |
| 06 Di | 158 | | | | | ♍ 30° | |
| 07 Mi | 159 | | | | | ♎ 13° | |
| 08 Do | 160 | | | | | ♎ 26° | |
| 09 Fr | 161 | | | | | ♏ 09° | |
| 10 Sa | 162 | | | | | ♏ 22° | |
| 11 So | 163 | 24 | Trinitatis Fronleichnam 75. Jahrestag des Aufstandes vom 17. Juni 1953 | | ☉ | ♌ 04° | Erdferne |
| 12 Mo | 164 | | | | | ♌ 16° | |
| 13 Di | 165 | | | | | ♌ 28° | |
| 14 Mi | 166 | | | | | ♍ 10° | |
| 15 Do | 167 | | | | | ♍ 22° | |
| 16 Fr | 168 | | | | | ♎ 04° | |
| 17 Sa | 169 | | | | | ♎ 16° | |
| 18 So | 170 | 25 | 1. So. nach Trinitatis Johannistag | ☿*) | ● | ♎ 28° | Nordw.1) |
| 19 Mo | 171 | | | | | ♏ 11° | |
| 20 Di | 172 | | | | | ♏ 24° | |
| 21 Mi | 173 | | | | | ♐ 07° | |
| 22 Do | 174 | | | | | ♐ 21° | |
| 23 Fr | 175 | | | | | ♑ 04° | |
| 24 Sa | 176 | | | | | ♑ 19° | |
| 25 So | 177 | 26 | 2. So. nach Trinitatis Siebenschläfer Peter und Paul | | ☉ | ♏ 03° | Erdnähe |
| 26 Mo | 178 | | | | | ♏ 17° | |
| 27 Di | 179 | | | | | ♐ 02° | |
| 28 Mi | 180 | | | | | ♐ 16° | |
| 29 Do | 181 | | | | | ♑ 00° | |
| 30 Fr | 182 | | | | | ♑ 15° | |

*) Am 20. Juni um 21:02 Uhr MEZ tritt die Sonne ins Zeichen Krebs (♋) (Sommeranfang, Sonnenwende)

1) Am nächsten Tag unter Berücksichtigung der Sommerzeit.

Juni 2028

| | KASSEL | | | | BERLIN | | | | BREMEN | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 04:11 | 20:29 | 13:41 | 00:58 | 03:49 | 20:20 | 13:25 | 00:42 | 04:05 | 20:42 | 13:45 | 01:00 |
| 02 | 04:10 | 20:30 | 15:04 | 01:14 | 03:49 | 20:21 | 14:50 | 00:57 | 04:04 | 20:43 | 15:10 | 01:15 |
| 03 | 04:10 | 20:31 | 16:27 | 01:32 | 03:48 | 20:22 | 16:15 | 01:14 | 04:03 | 20:44 | 16:36 | 01:31 |
| 04 | 04:09 | 20:32 | 17:51 | 01:53 | 03:47 | 20:23 | 17:40 | 01:33 | 04:02 | 20:45 | 18:02 | 01:50 |
| 05 | 04:08 | 20:33 | 19:11 | 02:20 | 03:46 | 20:24 | 19:02 | 01:58 | 04:02 | 20:46 | 19:24 | 02:14 |
| 06 | 04:08 | 20:34 | 20:23 | 02:55 | 03:46 | 20:25 | 20:15 | 02:32 | 04:01 | 20:47 | 20:38 | 02:47 |
| 07 | 04:07 | 20:35 | 21:22 | 03:42 | 03:45 | 20:26 | 21:14 | 03:18 | 04:00 | 20:48 | 21:37 | 03:33 |
| 08 | 04:07 | 20:36 | 22:07 | 04:40 | 03:45 | 20:27 | 21:58 | 04:16 | 04:00 | 20:49 | 22:21 | 04:31 |
| 09 | 04:07 | 20:37 | 22:40 | 05:48 | 03:44 | 20:28 | 22:31 | 05:25 | 03:59 | 20:49 | 22:52 | 05:40 |
| 10 | 04:06 | 20:37 | 23:05 | 07:00 | 03:44 | 20:29 | 22:54 | 06:38 | 03:59 | 20:50 | 23:15 | 06:54 |
| 11 | 04:06 | 20:38 | 23:24 | 08:13 | 03:44 | 20:29 | 23:12 | 07:52 | 03:59 | 20:51 | 23:32 | 08:09 |
| 12 | 04:06 | 20:39 | 23:40 | 09:24 | 03:43 | 20:30 | 23:26 | 09:04 | 03:58 | 20:52 | 23:46 | 09:22 |
| 13 | 04:05 | 20:39 | 23:53 | 10:33 | 03:43 | 20:30 | 23:39 | 10:15 | 03:58 | 20:52 | 23:58 | 10:33 |
| 14 | 04:05 | 20:40 | — | 11:41 | 03:43 | 20:31 | 23:51 | 11:24 | 03:58 | 20:53 | — | 11:43 |
| 15 | 04:05 | 20:40 | 00:06 | 12:49 | 03:43 | 20:32 | — | 12:33 | 03:58 | 20:53 | 00:09 | 12:53 |
| 16 | 04:05 | 20:41 | 00:20 | 13:57 | 03:43 | 20:32 | 00:03 | 13:43 | 03:58 | 20:54 | 00:20 | 14:03 |
| 17 | 04:05 | 20:41 | 00:34 | 15:08 | 03:43 | 20:32 | 00:16 | 14:55 | 03:58 | 20:54 | 00:33 | 15:16 |
| 18 | 04:05 | 20:41 | 00:52 | 16:22 | 03:43 | 20:33 | 00:32 | 16:10 | 03:58 | 20:54 | 00:49 | 16:32 |
| 19 | 04:05 | 20:42 | 01:13 | 17:37 | 03:43 | 20:33 | 00:52 | 17:27 | 03:58 | 20:55 | 01:08 | 17:49 |
| 20 | 04:06 | 20:42 | 01:43 | 18:50 | 03:43 | 20:33 | 01:20 | 18:41 | 03:58 | 20:55 | 01:36 | 19:04 |
| 21 | 04:06 | 20:42 | 02:23 | 19:56 | 03:43 | 20:34 | 01:59 | 19:48 | 03:58 | 20:55 | 02:14 | 20:11 |
| 22 | 04:06 | 20:42 | 03:17 | 20:51 | 03:44 | 20:34 | 02:53 | 20:42 | 03:58 | 20:55 | 03:08 | 21:05 |
| 23 | 04:06 | 20:42 | 04:27 | 21:33 | 03:44 | 20:34 | 04:03 | 21:23 | 03:59 | 20:55 | 04:19 | 21:45 |
| 24 | 04:07 | 20:42 | 05:48 | 22:04 | 03:44 | 20:34 | 05:25 | 21:53 | 03:59 | 20:55 | 05:42 | 22:14 |
| 25 | 04:07 | 20:42 | 07:14 | 22:28 | 03:45 | 20:34 | 06:53 | 22:16 | 04:00 | 20:55 | 07:10 | 22:36 |
| 26 | 04:07 | 20:42 | 08:41 | 22:47 | 03:45 | 20:34 | 08:21 | 22:34 | 04:00 | 20:55 | 08:39 | 22:53 |
| 27 | 04:08 | 20:42 | 10:06 | 23:05 | 03:46 | 20:34 | 09:48 | 22:49 | 04:01 | 20:55 | 10:07 | 23:08 |
| 28 | 04:09 | 20:42 | 11:29 | 23:21 | 03:46 | 20:33 | 11:13 | 23:04 | 04:01 | 20:55 | 11:33 | 23:22 |
| 29 | 04:09 | 20:42 | 12:52 | 23:38 | 03:47 | 20:33 | 12:38 | 23:20 | 04:02 | 20:55 | 12:58 | 23:38 |
| 30 | 04:10 | 20:42 | 14:15 | 23:58 | 03:48 | 20:33 | 14:02 | 23:39 | 04:02 | 20:54 | 14:23 | 23:55 |

In +50° geogr. Breite: Dauer der bürgerlichen Dämmerung am 15. Juni 45m.
Tagesl. am 1. Juni 16h05m, am 20. Juni (längster Tag) 16h22m, am 30. Juni 16h18m.

Juni 2028

| | DRESDEN | | | | FRANKFURT/M. | | | | FREIBURG | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 03:56 | 20:11 | 13:23 | 00:41 | 04:20 | 20:27 | 13:44 | 01:01 | 04:33 | 20:20 | 13:46 | 01:04 |
| 02 | 03:55 | 20:12 | 14:45 | 00:57 | 04:20 | 20:28 | 15:05 | 01:19 | 04:33 | 20:21 | 15:05 | 01:24 |
| 03 | 03:54 | 20:13 | 16:09 | 01:16 | 04:19 | 20:29 | 16:27 | 01:38 | 04:32 | 20:22 | 16:25 | 01:46 |
| 04 | 03:54 | 20:14 | 17:32 | 01:37 | 04:18 | 20:30 | 17:49 | 02:01 | 04:31 | 20:23 | 17:44 | 02:11 |
| 05 | 03:53 | 20:15 | 18:52 | 02:04 | 04:18 | 20:30 | 19:08 | 02:29 | 04:31 | 20:24 | 19:01 | 02:41 |
| 06 | 03:52 | 20:16 | 20:03 | 02:40 | 04:17 | 20:31 | 20:19 | 03:06 | 04:30 | 20:25 | 20:10 | 03:20 |
| 07 | 03:52 | 20:17 | 21:03 | 03:26 | 04:17 | 20:32 | 21:18 | 03:53 | 04:30 | 20:25 | 21:09 | 04:08 |
| 08 | 03:51 | 20:17 | 21:48 | 04:24 | 04:16 | 20:33 | 22:04 | 04:51 | 04:30 | 20:26 | 21:56 | 05:07 |
| 09 | 03:51 | 20:18 | 22:22 | 05:32 | 04:16 | 20:34 | 22:38 | 05:58 | 04:29 | 20:27 | 22:32 | 06:12 |
| 10 | 03:51 | 20:19 | 22:47 | 06:44 | 04:16 | 20:34 | 23:04 | 07:09 | 04:29 | 20:27 | 23:00 | 07:21 |
| 11 | 03:50 | 20:20 | 23:06 | 07:56 | 04:15 | 20:35 | 23:24 | 08:20 | 04:29 | 20:28 | 23:22 | 08:31 |
| 12 | 03:50 | 20:20 | 23:22 | 09:07 | 04:15 | 20:36 | 23:41 | 09:30 | 04:29 | 20:29 | 23:41 | 09:38 |
| 13 | 03:50 | 20:21 | 23:36 | 10:16 | 04:15 | 20:36 | 23:56 | 10:38 | 04:29 | 20:29 | 23:58 | 10:44 |
| 14 | 03:50 | 20:21 | 23:49 | 11:23 | 04:15 | 20:37 | — | 11:45 | 04:29 | 20:30 | — | 11:49 |
| 15 | 03:50 | 20:22 | — | 12:31 | 04:15 | 20:37 | 00:10 | 12:51 | 04:28 | 20:30 | 00:14 | 12:53 |
| 16 | 03:50 | 20:22 | 00:03 | 13:39 | 04:15 | 20:37 | 00:24 | 13:59 | 04:28 | 20:31 | 00:30 | 13:59 |
| 17 | 03:50 | 20:23 | 00:18 | 14:50 | 04:15 | 20:38 | 00:40 | 15:08 | 04:29 | 20:31 | 00:47 | 15:06 |
| 18 | 03:50 | 20:23 | 00:35 | 16:03 | 04:15 | 20:38 | 00:58 | 16:20 | 04:29 | 20:31 | 01:08 | 16:16 |
| 19 | 03:50 | 20:23 | 00:57 | 17:17 | 04:15 | 20:39 | 01:22 | 17:34 | 04:29 | 20:31 | 01:33 | 17:28 |
| 20 | 03:50 | 20:23 | 01:27 | 18:30 | 04:15 | 20:39 | 01:52 | 18:46 | 04:29 | 20:32 | 02:05 | 18:38 |
| 21 | 03:50 | 20:24 | 02:07 | 19:37 | 04:15 | 20:39 | 02:33 | 19:52 | 04:29 | 20:32 | 02:48 | 19:43 |
| 22 | 03:51 | 20:24 | 03:01 | 20:32 | 04:16 | 20:39 | 03:28 | 20:47 | 04:29 | 20:32 | 03:44 | 20:39 |
| 23 | 03:51 | 20:24 | 04:11 | 21:14 | 04:16 | 20:39 | 04:37 | 21:30 | 04:30 | 20:32 | 04:52 | 21:24 |
| 24 | 03:51 | 20:24 | 05:31 | 21:46 | 04:16 | 20:39 | 05:57 | 22:03 | 04:30 | 20:32 | 06:10 | 21:59 |
| 25 | 03:52 | 20:24 | 06:57 | 22:10 | 04:17 | 20:39 | 07:22 | 22:28 | 04:30 | 20:32 | 07:32 | 22:26 |
| 26 | 03:52 | 20:24 | 08:23 | 22:30 | 04:17 | 20:39 | 08:47 | 22:49 | 04:31 | 20:32 | 08:55 | 22:50 |
| 27 | 03:53 | 20:24 | 09:48 | 22:47 | 04:18 | 20:39 | 10:10 | 23:08 | 04:31 | 20:32 | 10:16 | 23:10 |
| 28 | 03:53 | 20:24 | 11:11 | 23:04 | 04:18 | 20:39 | 11:32 | 23:25 | 04:32 | 20:32 | 11:35 | 23:30 |
| 29 | 03:54 | 20:23 | 12:34 | 23:22 | 04:19 | 20:39 | 12:54 | 23:44 | 04:32 | 20:32 | 12:54 | 23:51 |
| 30 | 03:54 | 20:23 | 13:56 | 23:42 | 04:19 | 20:39 | 14:15 | — | 04:33 | 20:32 | 14:13 | — |

Juni 2028

| | HAMBURG | | | | HANNOVER | | | | KÖLN | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 03:57 | 20:40 | 13:40 | 00:56 | 04:05 | 20:34 | 13:41 | 00:57 | 04:23 | 20:38 | 13:52 | 01:08 |
| 02 | 03:56 | 20:41 | 15:06 | 01:09 | 04:04 | 20:35 | 15:05 | 01:12 | 04:22 | 20:39 | 15:14 | 01:25 |
| 03 | 03:55 | 20:42 | 16:33 | 01:25 | 04:03 | 20:36 | 16:30 | 01:29 | 04:22 | 20:40 | 16:37 | 01:43 |
| 04 | 03:55 | 20:43 | 17:59 | 01:43 | 04:02 | 20:37 | 17:55 | 01:49 | 04:21 | 20:41 | 18:00 | 02:05 |
| 05 | 03:54 | 20:44 | 19:22 | 02:07 | 04:02 | 20:38 | 19:16 | 02:14 | 04:21 | 20:42 | 19:19 | 02:32 |
| 06 | 03:53 | 20:45 | 20:36 | 02:39 | 04:01 | 20:39 | 20:29 | 02:48 | 04:20 | 20:42 | 20:31 | 03:08 |
| 07 | 03:53 | 20:46 | 21:36 | 03:24 | 04:01 | 20:40 | 21:28 | 03:34 | 04:20 | 20:43 | 21:30 | 03:55 |
| 08 | 03:52 | 20:47 | 22:19 | 04:23 | 04:00 | 20:41 | 22:12 | 04:32 | 04:19 | 20:44 | 22:15 | 04:53 |
| 09 | 03:52 | 20:48 | 22:50 | 05:32 | 04:00 | 20:41 | 22:45 | 05:41 | 04:19 | 20:45 | 22:49 | 06:01 |
| 10 | 03:51 | 20:48 | 23:12 | 06:47 | 03:59 | 20:42 | 23:08 | 06:54 | 04:18 | 20:45 | 23:14 | 07:13 |
| 11 | 03:51 | 20:49 | 23:29 | 08:02 | 03:59 | 20:43 | 23:26 | 08:08 | 04:18 | 20:46 | 23:33 | 08:25 |
| 12 | 03:51 | 20:50 | 23:42 | 09:16 | 03:59 | 20:44 | 23:41 | 09:20 | 04:18 | 20:47 | 23:49 | 09:35 |
| 13 | 03:50 | 20:50 | 23:53 | 10:28 | 03:59 | 20:44 | 23:53 | 10:30 | 04:18 | 20:47 | — | 10:44 |
| 14 | 03:50 | 20:51 | — | 11:38 | 03:58 | 20:45 | — | 11:40 | 04:18 | 20:48 | 00:03 | 11:52 |
| 15 | 03:50 | 20:51 | 00:04 | 12:48 | 03:58 | 20:45 | 00:05 | 12:48 | 04:17 | 20:48 | 00:17 | 12:59 |
| 16 | 03:50 | 20:52 | 00:15 | 13:59 | 03:58 | 20:46 | 00:17 | 13:58 | 04:17 | 20:49 | 00:30 | 14:07 |
| 17 | 03:50 | 20:52 | 00:27 | 15:13 | 03:58 | 20:46 | 00:31 | 15:10 | 04:17 | 20:49 | 00:45 | 15:18 |
| 18 | 03:50 | 20:53 | 00:42 | 16:29 | 03:58 | 20:46 | 00:47 | 16:25 | 04:17 | 20:50 | 01:03 | 16:31 |
| 19 | 03:50 | 20:53 | 01:01 | 17:47 | 03:58 | 20:47 | 01:08 | 17:41 | 04:18 | 20:50 | 01:25 | 17:45 |
| 20 | 03:50 | 20:53 | 01:28 | 19:02 | 03:59 | 20:47 | 01:36 | 18:55 | 04:18 | 20:50 | 01:55 | 18:58 |
| 21 | 03:51 | 20:53 | 02:06 | 20:10 | 03:59 | 20:47 | 02:15 | 20:02 | 04:18 | 20:50 | 02:35 | 20:04 |
| 22 | 03:51 | 20:54 | 03:00 | 21:03 | 03:59 | 20:47 | 03:09 | 20:57 | 04:18 | 20:50 | 03:30 | 20:59 |
| 23 | 03:51 | 20:54 | 04:10 | 21:43 | 03:59 | 20:47 | 04:19 | 21:37 | 04:19 | 20:50 | 04:40 | 21:41 |
| 24 | 03:51 | 20:54 | 05:34 | 22:11 | 04:00 | 20:47 | 05:42 | 22:07 | 04:19 | 20:51 | 06:00 | 22:13 |
| 25 | 03:52 | 20:54 | 07:03 | 22:32 | 04:00 | 20:47 | 07:09 | 22:30 | 04:19 | 20:51 | 07:26 | 22:37 |
| 26 | 03:52 | 20:54 | 08:33 | 22:49 | 04:01 | 20:47 | 08:37 | 22:48 | 04:20 | 20:50 | 08:52 | 22:57 |
| 27 | 03:53 | 20:53 | 10:01 | 23:03 | 04:01 | 20:47 | 10:04 | 23:04 | 04:20 | 20:50 | 10:17 | 23:15 |
| 28 | 03:54 | 20:53 | 11:28 | 23:17 | 04:02 | 20:47 | 11:29 | 23:19 | 04:21 | 20:50 | 11:40 | 23:32 |
| 29 | 03:54 | 20:53 | 12:54 | 23:32 | 04:02 | 20:47 | 12:53 | 23:35 | 04:21 | 20:50 | 13:02 | 23:49 |
| 30 | 03:55 | 20:53 | 14:19 | 23:49 | 04:03 | 20:46 | 14:17 | 23:54 | 04:22 | 20:50 | 14:24 | — |

Juni 2028
































| | LEIPZIG | | | | MÜNCHEN | | | | NÜRNBERG | | | |
|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|----------|-----------|---------|-----------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Datum | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang |
| 01 | 04:00 | 20:18 | 13:29 | 00:46 | 04:18 | 20:06 | 13:30 | 00:49 | 04:14 | 20:14 | 13:33 | 00:51 |
| 02 | 03:59 | 20:19 | 14:52 | 01:03 | 04:17 | 20:07 | 14:50 | 01:09 | 04:13 | 20:15 | 14:54 | 01:10 |
| 03 | 03:58 | 20:20 | 16:15 | 01:20 | 04:16 | 20:08 | 16:09 | 01:31 | 04:13 | 20:16 | 16:15 | 01:30 |
| 04 | 03:58 | 20:21 | 17:39 | 01:42 | 04:16 | 20:09 | 17:29 | 01:55 | 04:12 | 20:17 | 17:36 | 01:53 |
| 05 | 03:57 | 20:22 | 18:59 | 02:08 | 04:15 | 20:10 | 18:46 | 02:26 | 04:11 | 20:18 | 18:54 | 02:22 |
| 06 | 03:56 | 20:23 | 20:11 | 02:43 | 04:15 | 20:10 | 19:55 | 03:04 | 04:11 | 20:18 | 20:05 | 02:59 |
| 07 | 03:56 | 20:24 | 21:10 | 03:30 | 04:15 | 20:11 | 20:55 | 03:52 | 04:10 | 20:19 | 21:04 | 03:47 |
| 08 | 03:55 | 20:24 | 21:55 | 04:28 | 04:14 | 20:12 | 21:41 | 04:50 | 04:10 | 20:20 | 21:50 | 04:45 |
| 09 | 03:55 | 20:25 | 22:29 | 05:36 | 04:14 | 20:13 | 22:17 | 05:56 | 04:10 | 20:21 | 22:25 | 05:52 |
| 10 | 03:55 | 20:26 | 22:53 | 06:48 | 04:14 | 20:13 | 22:45 | 07:05 | 04:09 | 20:21 | 22:52 | 07:02 |
| 11 | 03:54 | 20:27 | 23:12 | 08:01 | 04:13 | 20:14 | 23:07 | 08:14 | 04:09 | 20:22 | 23:13 | 08:12 |
| 12 | 03:54 | 20:27 | 23:28 | 09:12 | 04:13 | 20:14 | 23:26 | 09:22 | 04:09 | 20:23 | 23:30 | 09:22 |
| 13 | 03:54 | 20:28 | 23:42 | 10:21 | 04:13 | 20:15 | 23:43 | 10:28 | 04:09 | 20:23 | 23:46 | 10:29 |
| 14 | 03:54 | 20:28 | 23:55 | 11:29 | 04:13 | 20:15 | 23:58 | 11:33 | 04:09 | 20:24 | — | 11:35 |
| 15 | 03:54 | 20:29 | — | 12:37 | 04:13 | 20:16 | — | 12:38 | 04:09 | 20:24 | 00:00 | 12:41 |
| 16 | 03:54 | 20:29 | 00:08 | 13:45 | 04:13 | 20:16 | 00:15 | 13:44 | 04:09 | 20:25 | 00:15 | 13:48 |
| 17 | 03:54 | 20:30 | 00:23 | 14:56 | 04:13 | 20:17 | 00:32 | 14:51 | 04:09 | 20:25 | 00:32 | 14:57 |
| 18 | 03:54 | 20:30 | 00:40 | 16:10 | 04:13 | 20:17 | 00:52 | 16:01 | 04:09 | 20:25 | 00:51 | 16:08 |
| 19 | 03:54 | 20:30 | 01:02 | 17:24 | 04:13 | 20:17 | 01:17 | 17:13 | 04:09 | 20:26 | 01:14 | 17:21 |
| 20 | 03:54 | 20:31 | 01:31 | 18:38 | 04:13 | 20:17 | 01:50 | 18:23 | 04:09 | 20:26 | 01:46 | 18:32 |
| 21 | 03:54 | 20:31 | 02:11 | 19:44 | 04:14 | 20:18 | 02:32 | 19:29 | 04:09 | 20:26 | 02:27 | 19:38 |
| 22 | 03:54 | 20:31 | 03:05 | 20:39 | 04:14 | 20:18 | 03:27 | 20:24 | 04:09 | 20:26 | 03:22 | 20:33 |
| 23 | 03:55 | 20:31 | 04:15 | 21:21 | 04:14 | 20:18 | 04:36 | 21:09 | 04:10 | 20:26 | 04:31 | 21:17 |
| 24 | 03:55 | 20:31 | 05:36 | 21:52 | 04:14 | 20:18 | 05:54 | 21:44 | 04:10 | 20:26 | 05:50 | 21:51 |
| 25 | 03:55 | 20:31 | 07:02 | 22:16 | 04:15 | 20:18 | 07:16 | 22:12 | 04:10 | 20:26 | 07:14 | 22:17 |
| 26 | 03:56 | 20:31 | 08:28 | 22:36 | 04:15 | 20:18 | 08:39 | 22:35 | 04:11 | 20:26 | 08:38 | 22:38 |
| 27 | 03:56 | 20:31 | 09:54 | 22:53 | 04:16 | 20:18 | 10:00 | 22:55 | 04:11 | 20:26 | 10:01 | 22:58 |
| 28 | 03:57 | 20:31 | 11:17 | 23:09 | 04:16 | 20:18 | 11:20 | 23:15 | 04:12 | 20:26 | 11:22 | 23:16 |
| 29 | 03:58 | 20:30 | 12:40 | 23:27 | 04:17 | 20:18 | 12:39 | 23:36 | 04:12 | 20:26 | 12:43 | 23:36 |
| 30 | 03:58 | 20:30 | 14:03 | 23:46 | 04:17 | 20:17 | 13:58 | 23:59 | 04:13 | 20:26 | 14:03 | 23:57 |

Juni 2028

| | ROSTOCK | | | | SAARBRÜCKEN | | | | STUTT GART | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 03:45 | 20:34 | 13:32 | 00:47 | 04:31 | 20:29 | 13:50 | 01:08 | 04:24 | 20:19 | 13:41 | 00:59 |
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| 04 | 03:43 | 20:38 | 17:53 | 01:32 | 04:29 | 20:32 | 17:52 | 02:11 | 04:23 | 20:21 | 17:41 | 02:03 |
| 05 | 03:42 | 20:39 | 19:17 | 01:55 | 04:29 | 20:33 | 19:10 | 02:40 | 04:22 | 20:22 | 18:59 | 02:33 |
| 06 | 03:42 | 20:40 | 20:31 | 02:27 | 04:28 | 20:34 | 20:21 | 03:17 | 04:22 | 20:23 | 20:09 | 03:11 |
| 07 | 03:41 | 20:41 | 21:31 | 03:11 | 04:28 | 20:35 | 21:20 | 04:05 | 04:21 | 20:24 | 21:08 | 03:59 |
| 08 | 03:40 | 20:42 | 22:14 | 04:10 | 04:28 | 20:35 | 22:06 | 05:03 | 04:21 | 20:24 | 21:54 | 04:57 |
| 09 | 03:40 | 20:42 | 22:44 | 05:20 | 04:27 | 20:36 | 22:41 | 06:10 | 04:21 | 20:25 | 22:30 | 06:03 |
| 10 | 03:39 | 20:43 | 23:06 | 06:35 | 04:27 | 20:37 | 23:08 | 07:20 | 04:20 | 20:26 | 22:57 | 07:13 |
| 11 | 03:39 | 20:44 | 23:22 | 07:51 | 04:27 | 20:37 | 23:29 | 08:30 | 04:20 | 20:26 | 23:19 | 08:23 |
| 12 | 03:39 | 20:45 | 23:34 | 09:05 | 04:26 | 20:38 | 23:46 | 09:39 | 04:20 | 20:27 | 23:37 | 09:31 |
| 13 | 03:38 | 20:45 | 23:45 | 10:18 | 04:26 | 20:38 | — | 10:46 | 04:20 | 20:27 | 23:53 | 10:38 |
| 14 | 03:38 | 20:46 | 23:55 | 11:29 | 04:26 | 20:39 | 00:02 | 11:52 | 04:20 | 20:28 | — | 11:43 |
| 15 | 03:38 | 20:46 | — | 12:40 | 04:26 | 20:39 | 00:17 | 12:58 | 04:20 | 20:28 | 00:08 | 12:48 |
| 16 | 03:38 | 20:47 | 00:06 | 13:51 | 04:26 | 20:40 | 00:32 | 14:04 | 04:19 | 20:29 | 00:24 | 13:55 |
| 17 | 03:38 | 20:47 | 00:17 | 15:06 | 04:26 | 20:40 | 00:49 | 15:13 | 04:20 | 20:29 | 00:41 | 15:03 |
| 18 | 03:38 | 20:48 | 00:32 | 16:22 | 04:26 | 20:41 | 01:08 | 16:24 | 04:20 | 20:30 | 01:00 | 16:14 |
| 19 | 03:38 | 20:48 | 00:50 | 17:41 | 04:26 | 20:41 | 01:32 | 17:37 | 04:20 | 20:30 | 01:25 | 17:26 |
| 20 | 03:38 | 20:48 | 01:16 | 18:57 | 04:26 | 20:41 | 02:03 | 18:48 | 04:20 | 20:30 | 01:56 | 18:37 |
| 21 | 03:38 | 20:48 | 01:53 | 20:05 | 04:27 | 20:41 | 02:45 | 19:54 | 04:20 | 20:30 | 02:39 | 19:42 |
| 22 | 03:39 | 20:49 | 02:47 | 20:59 | 04:27 | 20:41 | 03:40 | 20:49 | 04:20 | 20:30 | 03:34 | 20:38 |
| 23 | 03:39 | 20:49 | 03:58 | 21:38 | 04:27 | 20:42 | 04:49 | 21:33 | 04:21 | 20:31 | 04:43 | 21:22 |
| 24 | 03:39 | 20:49 | 05:22 | 22:05 | 04:28 | 20:42 | 06:08 | 22:06 | 04:21 | 20:31 | 06:01 | 21:56 |
| 25 | 03:40 | 20:49 | 06:52 | 22:25 | 04:28 | 20:42 | 07:32 | 22:33 | 04:21 | 20:31 | 07:24 | 22:23 |
| 26 | 03:40 | 20:48 | 08:23 | 22:41 | 04:28 | 20:42 | 08:56 | 22:55 | 04:22 | 20:31 | 08:47 | 22:45 |
| 27 | 03:41 | 20:48 | 09:52 | 22:55 | 04:29 | 20:41 | 10:18 | 23:14 | 04:22 | 20:31 | 10:09 | 23:05 |
| 28 | 03:41 | 20:48 | 11:19 | 23:08 | 04:29 | 20:41 | 11:39 | 23:33 | 04:23 | 20:30 | 11:30 | 23:24 |
| 29 | 03:42 | 20:48 | 12:46 | 23:22 | 04:30 | 20:41 | 13:00 | 23:53 | 04:23 | 20:30 | 12:50 | 23:45 |
| 30 | 03:43 | 20:47 | 14:12 | 23:38 | 04:30 | 20:41 | 14:20 | — | 04:24 | 20:30 | 14:09 | — |

JULI 2028

HAUPTKALENDARIUM

| Datum | Jahres- tag | Kalen- der- wo- che | Sonn- und Feiertage | Son- nen- lauf | Mondlauf | | |
|-------|----------------|---|---|---|---|--------------------------|--|
| | | | | | Phase | Länge im Tierkreis | Mondwenden Entfernung Mondknoten |
| 01 Sa | 183 | | | |  29° | | |
| 02 So | 184 | | 3. So. nach Trinitatis | |  12° | | |
| 03 Mo | 185 | 27 | | 1)2) |  26° | Südw. Ω | |
| 04 Di | 186 | |  09° | | | | |
| 05 Mi | 187 | |  22° | | | | |
| 06 Do | 188 | | 3) ○ |  05° | | | |
| 07 Fr | 189 | | |  18° | | | |
| 08 Sa | 190 | | | |  00° | | |
| 09 So | 191 | | 4. So. nach Trinitatis | |  12° | | |
| 10 Mo | 192 | 28 | | |  24° | Erdferne2) | |
| 11 Di | 193 | |  06° | | | | |
| 12 Mi | 194 | |  18° | | | | |
| 13 Do | 195 | |  30° | | | | |
| 14 Fr | 196 | | ● |  12° | | | |
| 15 Sa | 197 | | |  24° | | | |
| 16 So | 198 | | 5. So. nach Trinitatis | |  06° | | |
| 17 Mo | 199 | 29 | | |  19° | Nordw. ♁ | |
| 18 Di | 200 | |  02° | | | | |
| 19 Mi | 201 | |  15° | | | | |
| 20 Do | 202 | |  29° | | | | |
| 21 Fr | 203 | | ● |  13° | | | |
| 22 Sa | 204 | | |  27° | | | |
| 23 So | 205 | | 6. So. nach Trinitatis | |  12° | Erdnähe2) | |
| 24 Mo | 206 | 30 | | |  27° | | |
| 25 Di | 207 | |  12° | | | | |
| 26 Mi | 208 | |  27° | | | | |
| 27 Do | 209 | |  11° | | | | |
| 28 Fr | 210 | | ● |  25° | | | |
| 29 Sa | 211 |  09° | | | | | |
| 30 So | 212 | | 7. So. nach Trinitatis | |  23° | | |
| 31 Mo | 213 | 31 | | |  06° | | |

*) Am 22. Juli um 07:54 Uhr MEZ tritt die Sonne ins Zeichen Löwe (♌)

1) Erde im größten Abstand von der Sonne.

2) Am nächsten Tag unter Berücksichtigung der Sommerzeit.

3) Partielle Mondfinsternis, in Deutschland nicht sichtbar (s. Seite 112).

4) Totale Sonnenfinsternis, in Deutschland nicht sichtbar (s. Seite 113).

Juli 2028

| | KASSEL | | | | BERLIN | | | | BREMEN | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 04:10 | 20:41 | 15:37 | — | 03:48 | 20:32 | 15:26 | — | 04:03 | 20:54 | 15:48 | — |
| 02 | 04:11 | 20:41 | 16:57 | 00:22 | 03:49 | 20:32 | 16:47 | 00:01 | 04:04 | 20:54 | 17:10 | 00:17 |
| 03 | 04:12 | 20:40 | 18:11 | 00:54 | 03:50 | 20:32 | 18:02 | 00:31 | 04:05 | 20:53 | 18:25 | 00:47 |
| 04 | 04:13 | 20:40 | 19:14 | 01:36 | 03:51 | 20:31 | 19:06 | 01:12 | 04:06 | 20:53 | 19:29 | 01:27 |
| 05 | 04:14 | 20:39 | 20:03 | 02:29 | 03:51 | 20:30 | 19:55 | 02:05 | 04:06 | 20:52 | 20:18 | 02:20 |
| 06 | 04:14 | 20:39 | 20:40 | 03:33 | 03:52 | 20:30 | 20:31 | 03:09 | 04:07 | 20:51 | 20:53 | 03:24 |
| 07 | 04:15 | 20:38 | 21:08 | 04:43 | 03:53 | 20:29 | 20:57 | 04:21 | 04:08 | 20:51 | 21:19 | 04:37 |
| 08 | 04:16 | 20:38 | 21:29 | 05:56 | 03:54 | 20:28 | 21:17 | 05:35 | 04:09 | 20:50 | 21:38 | 05:52 |
| 09 | 04:17 | 20:37 | 21:46 | 07:08 | 03:55 | 20:28 | 21:33 | 06:48 | 04:10 | 20:49 | 21:52 | 07:06 |
| 10 | 04:18 | 20:36 | 22:00 | 08:18 | 03:56 | 20:27 | 21:46 | 08:00 | 04:12 | 20:48 | 22:05 | 08:18 |
| 11 | 04:19 | 20:35 | 22:13 | 09:27 | 03:58 | 20:26 | 21:58 | 09:09 | 04:13 | 20:47 | 22:16 | 09:28 |
| 12 | 04:20 | 20:34 | 22:26 | 10:34 | 03:59 | 20:25 | 22:10 | 10:18 | 04:14 | 20:46 | 22:28 | 10:38 |
| 13 | 04:22 | 20:33 | 22:40 | 11:42 | 04:00 | 20:24 | 22:22 | 11:27 | 04:15 | 20:45 | 22:40 | 11:47 |
| 14 | 04:23 | 20:33 | 22:56 | 12:51 | 04:01 | 20:23 | 22:37 | 12:38 | 04:16 | 20:44 | 22:53 | 12:58 |
| 15 | 04:24 | 20:32 | 23:15 | 14:02 | 04:02 | 20:22 | 22:55 | 13:50 | 04:18 | 20:43 | 23:11 | 14:12 |
| 16 | 04:25 | 20:30 | 23:40 | 15:15 | 04:04 | 20:21 | 23:18 | 15:05 | 04:19 | 20:42 | 23:34 | 15:27 |
| 17 | 04:26 | 20:29 | — | 16:29 | 04:05 | 20:20 | 23:51 | 16:19 | 04:20 | 20:41 | — | 16:42 |
| 18 | 04:28 | 20:28 | 00:14 | 17:38 | 04:06 | 20:19 | — | 17:30 | 04:22 | 20:40 | 00:06 | 17:53 |
| 19 | 04:29 | 20:27 | 01:01 | 18:38 | 04:08 | 20:17 | 00:37 | 18:30 | 04:23 | 20:38 | 00:52 | 18:53 |
| 20 | 04:30 | 20:26 | 02:03 | 19:26 | 04:09 | 20:16 | 01:39 | 19:17 | 04:24 | 20:37 | 01:55 | 19:40 |
| 21 | 04:31 | 20:25 | 03:20 | 20:02 | 04:10 | 20:15 | 02:57 | 19:52 | 04:26 | 20:36 | 03:13 | 20:14 |
| 22 | 04:33 | 20:23 | 04:46 | 20:30 | 04:12 | 20:13 | 04:24 | 20:18 | 04:27 | 20:34 | 04:41 | 20:39 |
| 23 | 04:34 | 20:22 | 06:15 | 20:52 | 04:13 | 20:12 | 05:55 | 20:39 | 04:29 | 20:33 | 06:13 | 20:58 |
| 24 | 04:36 | 20:21 | 07:44 | 21:10 | 04:15 | 20:10 | 07:26 | 20:56 | 04:30 | 20:31 | 07:44 | 21:14 |
| 25 | 04:37 | 20:19 | 09:11 | 21:28 | 04:16 | 20:09 | 08:54 | 21:11 | 04:32 | 20:30 | 09:14 | 21:30 |
| 26 | 04:38 | 20:18 | 10:36 | 21:45 | 04:18 | 20:07 | 10:21 | 21:27 | 04:33 | 20:28 | 10:41 | 21:45 |
| 27 | 04:40 | 20:16 | 12:01 | 22:04 | 04:19 | 20:06 | 11:48 | 21:45 | 04:35 | 20:27 | 12:08 | 22:02 |
| 28 | 04:41 | 20:15 | 13:25 | 22:27 | 04:21 | 20:04 | 13:13 | 22:06 | 04:36 | 20:25 | 13:35 | 22:22 |
| 29 | 04:43 | 20:13 | 14:46 | 22:56 | 04:22 | 20:03 | 14:36 | 22:34 | 04:38 | 20:23 | 14:58 | 22:49 |
| 30 | 04:44 | 20:12 | 16:02 | 23:34 | 04:24 | 20:01 | 15:53 | 23:11 | 04:40 | 20:22 | 16:16 | 23:26 |
| 31 | 04:46 | 20:10 | 17:08 | — | 04:25 | 19:59 | 17:00 | 23:59 | 04:41 | 20:20 | 17:23 | — |

In +50° geogr. Breite: Dauer der bürgerlichen Dämmerung am 15. Juli 42m.
Tagesl. am 1. Juli 16h17m, am 31. Juli 15h15m; somit Abnahme der Tagesl. im Juli 1h02m.

Juli 2028

| | DRESDEN | | | | FRANKFURT/M. | | | | FREIBURG | | | |
|-------|---------|-----------|---------|-----------|--------------|-----------|---------|-----------|----------|-----------|---------|-----------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Datum | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang |
| 01 | 03:55 | 20:23 | 15:18 | — | 04:20 | 20:38 | 15:36 | 00:05 | 04:33 | 20:31 | 15:31 | 00:15 |
| 02 | 03:56 | 20:22 | 16:38 | 00:06 | 04:21 | 20:38 | 16:54 | 00:31 | 04:34 | 20:31 | 16:48 | 00:43 |
| 03 | 03:56 | 20:22 | 17:51 | 00:38 | 04:21 | 20:37 | 18:07 | 01:04 | 04:35 | 20:31 | 17:59 | 01:18 |
| 04 | 03:57 | 20:22 | 18:54 | 01:20 | 04:22 | 20:37 | 19:09 | 01:46 | 04:35 | 20:30 | 19:01 | 02:01 |
| 05 | 03:58 | 20:21 | 19:44 | 02:13 | 04:23 | 20:37 | 19:59 | 02:40 | 04:36 | 20:30 | 19:51 | 02:55 |
| 06 | 03:59 | 20:20 | 20:22 | 03:17 | 04:24 | 20:36 | 20:37 | 03:43 | 04:37 | 20:30 | 20:31 | 03:58 |
| 07 | 04:00 | 20:20 | 20:50 | 04:27 | 04:25 | 20:35 | 21:06 | 04:53 | 04:38 | 20:29 | 21:02 | 05:06 |
| 08 | 04:01 | 20:19 | 21:11 | 05:39 | 04:26 | 20:35 | 21:28 | 06:04 | 04:39 | 20:29 | 21:26 | 06:15 |
| 09 | 04:02 | 20:19 | 21:28 | 06:51 | 04:27 | 20:34 | 21:47 | 07:15 | 04:39 | 20:28 | 21:46 | 07:24 |
| 10 | 04:03 | 20:18 | 21:43 | 08:01 | 04:27 | 20:33 | 22:02 | 08:24 | 04:40 | 20:27 | 22:03 | 08:31 |
| 11 | 04:04 | 20:17 | 21:56 | 09:09 | 04:28 | 20:33 | 22:16 | 09:31 | 04:41 | 20:27 | 22:19 | 09:36 |
| 12 | 04:05 | 20:16 | 22:09 | 10:16 | 04:30 | 20:32 | 22:30 | 10:37 | 04:42 | 20:26 | 22:35 | 10:40 |
| 13 | 04:06 | 20:15 | 22:23 | 11:24 | 04:31 | 20:31 | 22:45 | 11:44 | 04:43 | 20:25 | 22:52 | 11:45 |
| 14 | 04:07 | 20:14 | 22:39 | 12:33 | 04:32 | 20:30 | 23:02 | 12:52 | 04:44 | 20:24 | 23:11 | 12:51 |
| 15 | 04:08 | 20:13 | 22:59 | 13:44 | 04:33 | 20:29 | 23:23 | 14:02 | 04:45 | 20:23 | 23:33 | 13:59 |
| 16 | 04:09 | 20:12 | 23:24 | 14:56 | 04:34 | 20:28 | 23:49 | 15:14 | 04:46 | 20:23 | — | 15:08 |
| 17 | 04:11 | 20:11 | 23:58 | 16:09 | 04:35 | 20:27 | — | 16:26 | 04:47 | 20:22 | 00:01 | 16:18 |
| 18 | 04:12 | 20:10 | — | 17:19 | 04:36 | 20:26 | 00:24 | 17:34 | 04:48 | 20:21 | 00:38 | 17:26 |
| 19 | 04:13 | 20:09 | 00:45 | 18:19 | 04:38 | 20:25 | 01:12 | 18:34 | 04:50 | 20:20 | 01:27 | 18:26 |
| 20 | 04:14 | 20:08 | 01:47 | 19:07 | 04:39 | 20:24 | 02:14 | 19:23 | 04:51 | 20:19 | 02:29 | 19:16 |
| 21 | 04:16 | 20:07 | 03:04 | 19:44 | 04:40 | 20:23 | 03:30 | 20:01 | 04:52 | 20:18 | 03:44 | 19:55 |
| 22 | 04:17 | 20:05 | 04:29 | 20:12 | 04:41 | 20:21 | 04:55 | 20:30 | 04:53 | 20:17 | 05:06 | 20:27 |
| 23 | 04:18 | 20:04 | 05:58 | 20:34 | 04:43 | 20:20 | 06:22 | 20:53 | 04:54 | 20:15 | 06:31 | 20:52 |
| 24 | 04:20 | 20:03 | 07:26 | 20:53 | 04:44 | 20:19 | 07:49 | 21:13 | 04:55 | 20:14 | 07:56 | 21:15 |
| 25 | 04:21 | 20:01 | 08:53 | 21:10 | 04:45 | 20:18 | 09:15 | 21:31 | 04:57 | 20:13 | 09:18 | 21:36 |
| 26 | 04:22 | 20:00 | 10:18 | 21:28 | 04:47 | 20:16 | 10:39 | 21:50 | 04:58 | 20:12 | 10:40 | 21:57 |
| 27 | 04:24 | 19:58 | 11:43 | 21:48 | 04:48 | 20:15 | 12:02 | 22:11 | 04:59 | 20:10 | 12:01 | 22:20 |
| 28 | 04:25 | 19:57 | 13:06 | 22:11 | 04:49 | 20:13 | 13:24 | 22:35 | 05:00 | 20:09 | 13:20 | 22:46 |
| 29 | 04:27 | 19:55 | 14:27 | 22:40 | 04:51 | 20:12 | 14:44 | 23:06 | 05:01 | 20:08 | 14:38 | 23:19 |
| 30 | 04:28 | 19:54 | 15:43 | 23:18 | 04:52 | 20:11 | 15:58 | 23:45 | 05:03 | 20:06 | 15:51 | — |
| 31 | 04:30 | 19:52 | 16:49 | — | 04:53 | 20:09 | 17:04 | — | 05:04 | 20:05 | 16:55 | 00:00 |

Juli 2028

| | HAMBURG | | | | HANNOVER | | | | KÖLN | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 03:56 | 20:52 | 15:45 | — | 04:04 | 20:46 | 15:41 | — | 04:23 | 20:49 | 15:46 | 00:10 |
| 02 | 03:56 | 20:52 | 17:08 | 00:10 | 04:04 | 20:46 | 17:02 | 00:17 | 04:23 | 20:49 | 17:06 | 00:35 |
| 03 | 03:57 | 20:51 | 18:24 | 00:39 | 04:05 | 20:45 | 18:17 | 00:47 | 04:24 | 20:49 | 18:19 | 01:06 |
| 04 | 03:58 | 20:51 | 19:27 | 01:18 | 04:06 | 20:45 | 19:20 | 01:28 | 04:25 | 20:48 | 19:22 | 01:48 |
| 05 | 03:59 | 20:50 | 20:16 | 02:11 | 04:07 | 20:44 | 20:09 | 02:21 | 04:26 | 20:48 | 20:11 | 02:42 |
| 06 | 04:00 | 20:49 | 20:51 | 03:16 | 04:08 | 20:44 | 20:45 | 03:25 | 04:27 | 20:47 | 20:49 | 03:46 |
| 07 | 04:01 | 20:49 | 21:16 | 04:29 | 04:09 | 20:43 | 21:11 | 04:37 | 04:27 | 20:46 | 21:17 | 04:56 |
| 08 | 04:02 | 20:48 | 21:34 | 05:45 | 04:10 | 20:42 | 21:31 | 05:51 | 04:28 | 20:46 | 21:38 | 06:08 |
| 09 | 04:03 | 20:47 | 21:49 | 06:59 | 04:11 | 20:41 | 21:47 | 07:04 | 04:29 | 20:45 | 21:55 | 07:20 |
| 10 | 04:04 | 20:46 | 22:01 | 08:12 | 04:12 | 20:41 | 22:00 | 08:15 | 04:30 | 20:44 | 22:10 | 08:30 |
| 11 | 04:05 | 20:45 | 22:12 | 09:23 | 04:13 | 20:40 | 22:12 | 09:25 | 04:31 | 20:44 | 22:23 | 09:38 |
| 12 | 04:07 | 20:44 | 22:22 | 10:33 | 04:14 | 20:39 | 22:24 | 10:34 | 04:32 | 20:43 | 22:37 | 10:45 |
| 13 | 04:08 | 20:43 | 22:34 | 11:43 | 04:15 | 20:38 | 22:37 | 11:42 | 04:34 | 20:42 | 22:51 | 11:52 |
| 14 | 04:09 | 20:42 | 22:47 | 12:55 | 04:16 | 20:37 | 22:52 | 12:53 | 04:35 | 20:41 | 23:07 | 13:01 |
| 15 | 04:10 | 20:41 | 23:04 | 14:09 | 04:18 | 20:36 | 23:10 | 14:05 | 04:36 | 20:40 | 23:27 | 14:12 |
| 16 | 04:12 | 20:40 | 23:26 | 15:24 | 04:19 | 20:35 | 23:34 | 15:19 | 04:37 | 20:39 | 23:52 | 15:24 |
| 17 | 04:13 | 20:39 | 23:58 | 16:40 | 04:20 | 20:34 | — | 16:34 | 04:38 | 20:38 | — | 16:37 |
| 18 | 04:14 | 20:37 | — | 17:51 | 04:21 | 20:32 | 00:07 | 17:44 | 04:39 | 20:37 | 00:27 | 17:46 |
| 19 | 04:16 | 20:36 | 00:44 | 18:52 | 04:23 | 20:31 | 00:53 | 18:44 | 04:41 | 20:36 | 01:14 | 18:46 |
| 20 | 04:17 | 20:35 | 01:46 | 19:38 | 04:24 | 20:30 | 01:56 | 19:31 | 04:42 | 20:34 | 02:16 | 19:35 |
| 21 | 04:19 | 20:33 | 03:05 | 20:11 | 04:26 | 20:29 | 03:13 | 20:06 | 04:43 | 20:33 | 03:33 | 20:11 |
| 22 | 04:20 | 20:32 | 04:34 | 20:36 | 04:27 | 20:27 | 04:41 | 20:33 | 04:45 | 20:32 | 04:59 | 20:39 |
| 23 | 04:22 | 20:30 | 06:07 | 20:54 | 04:28 | 20:26 | 06:11 | 20:53 | 04:46 | 20:31 | 06:27 | 21:01 |
| 24 | 04:23 | 20:29 | 07:38 | 21:10 | 04:30 | 20:24 | 07:41 | 21:10 | 04:47 | 20:29 | 07:55 | 21:20 |
| 25 | 04:25 | 20:27 | 09:08 | 21:25 | 04:31 | 20:23 | 09:10 | 21:26 | 04:49 | 20:28 | 09:22 | 21:38 |
| 26 | 04:26 | 20:26 | 10:37 | 21:39 | 04:33 | 20:21 | 10:37 | 21:42 | 04:50 | 20:26 | 10:47 | 21:56 |
| 27 | 04:28 | 20:24 | 12:05 | 21:56 | 04:34 | 20:20 | 12:03 | 22:00 | 04:51 | 20:25 | 12:11 | 22:15 |
| 28 | 04:30 | 20:22 | 13:32 | 22:16 | 04:36 | 20:18 | 13:28 | 22:22 | 04:53 | 20:24 | 13:34 | 22:39 |
| 29 | 04:31 | 20:21 | 14:56 | 22:42 | 04:37 | 20:17 | 14:51 | 22:50 | 04:54 | 20:22 | 14:55 | 23:09 |
| 30 | 04:33 | 20:19 | 16:14 | 23:17 | 04:39 | 20:15 | 16:07 | 23:27 | 04:56 | 20:20 | 16:10 | 23:47 |
| 31 | 04:34 | 20:17 | 17:22 | — | 04:40 | 20:13 | 17:14 | — | 04:57 | 20:19 | 17:16 | — |

Juli 2028

| | LEIPZIG | | | | MÜNCHEN | | | | NÜRNBERG | | | |
|-------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|----------|-----------|---------|-----------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Datum | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang |
| 01 | 03:59 | 20:30 | 15:25 | — | 04:18 | 20:17 | 15:16 | — | 04:14 | 20:25 | 15:23 | — |
| 02 | 04:00 | 20:29 | 16:45 | 00:11 | 04:19 | 20:17 | 16:33 | 00:27 | 04:14 | 20:25 | 16:41 | 00:24 |
| 03 | 04:00 | 20:29 | 17:59 | 00:42 | 04:19 | 20:17 | 17:44 | 01:02 | 04:15 | 20:25 | 17:53 | 00:57 |
| 04 | 04:01 | 20:29 | 19:02 | 01:24 | 04:20 | 20:16 | 18:46 | 01:45 | 04:16 | 20:24 | 18:56 | 01:40 |
| 05 | 04:02 | 20:28 | 19:52 | 02:17 | 04:21 | 20:16 | 19:37 | 02:39 | 04:17 | 20:24 | 19:46 | 02:34 |
| 06 | 04:03 | 20:27 | 20:29 | 03:21 | 04:21 | 20:15 | 20:16 | 03:42 | 04:17 | 20:23 | 20:24 | 03:37 |
| 07 | 04:04 | 20:27 | 20:56 | 04:31 | 04:22 | 20:15 | 20:47 | 04:50 | 04:18 | 20:23 | 20:54 | 04:46 |
| 08 | 04:05 | 20:26 | 21:17 | 05:44 | 04:23 | 20:14 | 21:11 | 05:59 | 04:19 | 20:22 | 21:17 | 05:57 |
| 09 | 04:06 | 20:25 | 21:34 | 06:56 | 04:24 | 20:14 | 21:31 | 07:08 | 04:20 | 20:21 | 21:36 | 07:07 |
| 10 | 04:07 | 20:25 | 21:49 | 08:06 | 04:25 | 20:13 | 21:48 | 08:15 | 04:21 | 20:21 | 21:52 | 08:15 |
| 11 | 04:08 | 20:24 | 22:02 | 09:15 | 04:26 | 20:12 | 22:04 | 09:20 | 04:22 | 20:20 | 22:06 | 09:21 |
| 12 | 04:09 | 20:23 | 22:15 | 10:22 | 04:27 | 20:12 | 22:20 | 10:25 | 04:23 | 20:19 | 22:21 | 10:27 |
| 13 | 04:10 | 20:22 | 22:28 | 11:30 | 04:28 | 20:11 | 22:37 | 11:30 | 04:24 | 20:18 | 22:37 | 11:33 |
| 14 | 04:11 | 20:21 | 22:44 | 12:39 | 04:29 | 20:10 | 22:55 | 12:36 | 04:25 | 20:18 | 22:54 | 12:40 |
| 15 | 04:12 | 20:20 | 23:03 | 13:50 | 04:30 | 20:09 | 23:18 | 13:43 | 04:26 | 20:17 | 23:15 | 13:50 |
| 16 | 04:13 | 20:19 | 23:28 | 15:03 | 04:31 | 20:08 | 23:46 | 14:53 | 04:27 | 20:16 | 23:42 | 15:01 |
| 17 | 04:15 | 20:18 | — | 16:17 | 04:32 | 20:07 | — | 16:03 | 04:28 | 20:15 | — | 16:12 |
| 18 | 04:16 | 20:17 | 00:02 | 17:26 | 04:33 | 20:06 | 00:22 | 17:11 | 04:30 | 20:14 | 00:18 | 17:20 |
| 19 | 04:17 | 20:16 | 00:49 | 18:26 | 04:34 | 20:05 | 01:11 | 18:11 | 04:31 | 20:13 | 01:06 | 18:20 |
| 20 | 04:18 | 20:14 | 01:51 | 19:14 | 04:35 | 20:04 | 02:13 | 19:01 | 04:32 | 20:12 | 02:08 | 19:10 |
| 21 | 04:20 | 20:13 | 03:08 | 19:51 | 04:36 | 20:03 | 03:28 | 19:41 | 04:33 | 20:10 | 03:23 | 19:48 |
| 22 | 04:21 | 20:12 | 04:34 | 20:18 | 04:38 | 20:02 | 04:50 | 20:12 | 04:34 | 20:09 | 04:47 | 20:18 |
| 23 | 04:23 | 20:11 | 06:03 | 20:40 | 04:39 | 20:01 | 06:15 | 20:38 | 04:36 | 20:08 | 06:14 | 20:42 |
| 24 | 04:24 | 20:09 | 07:32 | 20:59 | 04:40 | 20:00 | 07:40 | 21:00 | 04:37 | 20:07 | 07:40 | 21:03 |
| 25 | 04:25 | 20:08 | 08:59 | 21:16 | 04:41 | 19:59 | 09:03 | 21:20 | 04:38 | 20:05 | 09:05 | 21:22 |
| 26 | 04:27 | 20:06 | 10:24 | 21:33 | 04:42 | 19:57 | 10:24 | 21:41 | 04:39 | 20:04 | 10:28 | 21:41 |
| 27 | 04:28 | 20:05 | 11:49 | 21:52 | 04:44 | 19:56 | 11:45 | 22:04 | 04:41 | 20:03 | 11:50 | 22:03 |
| 28 | 04:30 | 20:03 | 13:13 | 22:15 | 04:45 | 19:55 | 13:05 | 22:31 | 04:42 | 20:01 | 13:12 | 22:28 |
| 29 | 04:31 | 20:02 | 14:34 | 22:44 | 04:46 | 19:54 | 14:23 | 23:03 | 04:43 | 20:00 | 14:31 | 22:59 |
| 30 | 04:33 | 20:00 | 15:50 | 23:22 | 04:47 | 19:52 | 15:36 | 23:44 | 04:45 | 19:59 | 15:45 | 23:39 |
| 31 | 04:34 | 19:59 | 16:56 | — | 04:49 | 19:51 | 16:40 | — | 04:46 | 19:57 | 16:50 | — |

Juli 2028

| | ROSTOCK | | | | SAARBRÜCKEN | | | | STUTT GART | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 03:44 | 20:47 | 15:38 | 23:59 | 04:31 | 20:41 | 15:40 | 00:15 | 04:25 | 20:30 | 15:29 | 00:07 |
| 02 | 03:44 | 20:47 | 17:02 | — | 04:32 | 20:40 | 16:57 | 00:41 | 04:25 | 20:29 | 16:46 | 00:34 |
| 03 | 03:45 | 20:46 | 18:19 | 00:27 | 04:32 | 20:40 | 18:09 | 01:15 | 04:26 | 20:29 | 17:57 | 01:08 |
| 04 | 03:46 | 20:45 | 19:23 | 01:05 | 04:33 | 20:40 | 19:11 | 01:58 | 04:27 | 20:29 | 19:00 | 01:52 |
| 05 | 03:47 | 20:45 | 20:11 | 01:58 | 04:34 | 20:39 | 20:01 | 02:52 | 04:27 | 20:28 | 19:50 | 02:46 |
| 06 | 03:48 | 20:44 | 20:46 | 03:03 | 04:35 | 20:39 | 20:40 | 03:55 | 04:28 | 20:28 | 20:29 | 03:49 |
| 07 | 03:49 | 20:43 | 21:10 | 04:17 | 04:36 | 20:38 | 21:10 | 05:04 | 04:29 | 20:27 | 20:59 | 04:57 |
| 08 | 03:50 | 20:43 | 21:28 | 05:33 | 04:37 | 20:37 | 21:33 | 06:15 | 04:30 | 20:27 | 21:23 | 06:07 |
| 09 | 03:51 | 20:42 | 21:41 | 06:49 | 04:37 | 20:37 | 21:52 | 07:24 | 04:31 | 20:26 | 21:42 | 07:16 |
| 10 | 03:52 | 20:41 | 21:53 | 08:02 | 04:38 | 20:36 | 22:08 | 08:32 | 04:32 | 20:25 | 21:59 | 08:24 |
| 11 | 03:54 | 20:40 | 22:03 | 09:13 | 04:39 | 20:35 | 22:23 | 09:39 | 04:33 | 20:25 | 22:14 | 09:30 |
| 12 | 03:55 | 20:39 | 22:13 | 10:24 | 04:40 | 20:35 | 22:38 | 10:44 | 04:34 | 20:24 | 22:29 | 10:35 |
| 13 | 03:56 | 20:38 | 22:24 | 11:35 | 04:41 | 20:34 | 22:53 | 11:50 | 04:35 | 20:23 | 22:45 | 11:40 |
| 14 | 03:57 | 20:37 | 22:37 | 12:47 | 04:42 | 20:33 | 23:11 | 12:57 | 04:36 | 20:22 | 23:03 | 12:47 |
| 15 | 03:59 | 20:35 | 22:53 | 14:02 | 04:43 | 20:32 | 23:33 | 14:06 | 04:37 | 20:21 | 23:25 | 13:55 |
| 16 | 04:00 | 20:34 | 23:15 | 15:18 | 04:45 | 20:31 | — | 15:17 | 04:38 | 20:20 | 23:53 | 15:06 |
| 17 | 04:01 | 20:33 | 23:46 | 16:35 | 04:46 | 20:30 | 00:00 | 16:28 | 04:39 | 20:20 | — | 16:17 |
| 18 | 04:03 | 20:32 | — | 17:46 | 04:47 | 20:29 | 00:36 | 17:36 | 04:40 | 20:19 | 00:29 | 17:24 |
| 19 | 04:04 | 20:30 | 00:30 | 18:47 | 04:48 | 20:28 | 01:24 | 18:36 | 04:41 | 20:17 | 01:17 | 18:24 |
| 20 | 04:06 | 20:29 | 01:33 | 19:33 | 04:49 | 20:27 | 02:26 | 19:25 | 04:42 | 20:16 | 02:20 | 19:14 |
| 21 | 04:07 | 20:28 | 02:53 | 20:05 | 04:50 | 20:26 | 03:42 | 20:04 | 04:43 | 20:15 | 03:35 | 19:53 |
| 22 | 04:09 | 20:26 | 04:22 | 20:29 | 04:52 | 20:25 | 05:05 | 20:34 | 04:45 | 20:14 | 04:58 | 20:24 |
| 23 | 04:10 | 20:25 | 05:56 | 20:47 | 04:53 | 20:23 | 06:32 | 20:58 | 04:46 | 20:13 | 06:23 | 20:48 |
| 24 | 04:12 | 20:23 | 07:28 | 21:02 | 04:54 | 20:22 | 07:58 | 21:19 | 04:47 | 20:12 | 07:49 | 21:10 |
| 25 | 04:14 | 20:21 | 08:59 | 21:16 | 04:55 | 20:21 | 09:22 | 21:39 | 04:48 | 20:11 | 09:13 | 21:30 |
| 26 | 04:15 | 20:20 | 10:29 | 21:30 | 04:57 | 20:20 | 10:45 | 21:58 | 04:50 | 20:09 | 10:35 | 21:50 |
| 27 | 04:17 | 20:18 | 11:57 | 21:45 | 04:58 | 20:18 | 12:07 | 22:20 | 04:51 | 20:08 | 11:57 | 22:12 |
| 28 | 04:18 | 20:16 | 13:25 | 22:04 | 04:59 | 20:17 | 13:28 | 22:45 | 04:52 | 20:07 | 13:17 | 22:38 |
| 29 | 04:20 | 20:15 | 14:50 | 22:30 | 05:01 | 20:16 | 14:47 | 23:17 | 04:53 | 20:05 | 14:36 | 23:10 |
| 30 | 04:22 | 20:13 | 16:09 | 23:05 | 05:02 | 20:14 | 16:01 | 23:57 | 04:55 | 20:04 | 15:49 | 23:50 |
| 31 | 04:23 | 20:11 | 17:17 | 23:52 | 05:03 | 20:13 | 17:05 | — | 04:56 | 20:02 | 16:54 | — |

AUGUST 2028

HAUPTKALENDARIUM

| Datum | Jahres- tag | Kalen- der- wo- che | Sonn- und Feiertage | Son- nen- lauf | Mondlauf | | |
|--------------|----------------|------------------------------|-------------------------|----------------------|----------|--------------------------|--|
| | | | | | Phase | Länge im Tierkreis | Mondwenden Entfernung Mondknoten |
| 01 Di | 214 | | | | ♈ | 19° | Südw. |
| 02 Mi | 215 | | | | ♈ | 02° | |
| 03 Do | 216 | | | | ♈ | 14° | ♊ |
| 04 Fr | 217 | | | | ♈ | 27° | |
| 05 Sa | 218 | | | | ○ | ≈ 09° | |
| 06 So | 219 | | 8. So. nach Trinitatis | | | ≈ 21° | |
| 07 Mo | 220 | 32 | | | ♌ | 03° | |
| 08 Di | 221 | | | | ♌ | 15° | Erdferne |
| 09 Mi | 222 | | | | ♌ | 27° | |
| 10 Do | 223 | | Laurentius | | ♍ | 08° | |
| 11 Fr | 224 | | | | ♍ | 20° | |
| 12 Sa | 225 | | | | ♍ | 02° | |
| 13 So | 226 | | 9. So. nach Trinitatis | | ● | ♍ 15° | |
| 14 Mo | 227 | 33 | | | ♍ | 27° | |
| 15 Di | 228 | | Mariä Himmelfahrt | | ♎ | 10° | Nordw. |
| 16 Mi | 229 | | | | ♎ | 23° | |
| 17 Do | 230 | | | | ♏ | 07° | |
| 18 Fr | 231 | | | | ♏ | 21° | ♌ |
| 19 Sa | 232 | | | | ♏ | 06° | |
| 20 So | 233 | | 10. So. nach Trinitatis | | ● | ♏ 21° | |
| 21 Mo | 234 | 34 | | | ♏ | 06° | Erdnähe |
| 22 Di | 235 | | | ♏*) | ♏ | 21° | |
| 23 Mi | 236 | | | | ♐ | 06° | |
| 24 Do | 237 | | | | ♐ | 21° | |
| 25 Fr | 238 | | | | ♑ | 05° | |
| 26 Sa | 239 | | | | ♑ | 19° | |
| 27 So | 240 | | 11. So. nach Trinitatis | | ● | ♑ 03° | |
| 28 Mo | 241 | 35 | | | ♑ | 16° | Südw. |
| 29 Di | 242 | | | | ♑ | 29° | |
| 30 Mi | 243 | | | | ♑ | 11° | ♊ |
| 31 Do | 244 | | | | ♑ | 24° | |

*) Am 22. August um 15:01 Uhr MEZ tritt die Sonne ins Zeichen Jungfrau (♏)

August 2028

| | KASSEL | | | | BERLIN | | | | BREMEN | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 04:47 | 20:09 | 18:01 | 00:23 | 04:27 | 19:58 | 17:53 | — | 04:43 | 20:18 | 18:16 | 00:14 |
| 02 | 04:49 | 20:07 | 18:41 | 01:23 | 04:28 | 19:56 | 18:33 | 00:59 | 04:45 | 20:16 | 18:55 | 01:14 |
| 03 | 04:50 | 20:05 | 19:12 | 02:31 | 04:30 | 19:54 | 19:02 | 02:08 | 04:46 | 20:15 | 19:23 | 02:24 |
| 04 | 04:52 | 20:03 | 19:34 | 03:43 | 04:32 | 19:52 | 19:23 | 03:21 | 04:48 | 20:13 | 19:44 | 03:38 |
| 05 | 04:53 | 20:02 | 19:53 | 04:55 | 04:33 | 19:51 | 19:40 | 04:34 | 04:49 | 20:11 | 20:00 | 04:52 |
| 06 | 04:55 | 20:00 | 20:08 | 06:05 | 04:35 | 19:49 | 19:54 | 05:46 | 04:51 | 20:09 | 20:13 | 06:04 |
| 07 | 04:56 | 19:58 | 20:21 | 07:14 | 04:36 | 19:47 | 20:06 | 06:57 | 04:53 | 20:07 | 20:25 | 07:15 |
| 08 | 04:58 | 19:56 | 20:34 | 08:22 | 04:38 | 19:45 | 20:18 | 08:06 | 04:54 | 20:05 | 20:36 | 08:25 |
| 09 | 04:59 | 19:55 | 20:47 | 09:29 | 04:40 | 19:43 | 20:30 | 09:14 | 04:56 | 20:03 | 20:48 | 09:34 |
| 10 | 05:01 | 19:53 | 21:02 | 10:38 | 04:41 | 19:41 | 20:44 | 10:24 | 04:58 | 20:01 | 21:01 | 10:44 |
| 11 | 05:02 | 19:51 | 21:20 | 11:47 | 04:43 | 19:39 | 21:00 | 11:35 | 04:59 | 19:59 | 21:16 | 11:56 |
| 12 | 05:04 | 19:49 | 21:42 | 12:58 | 04:45 | 19:37 | 21:20 | 12:47 | 05:01 | 19:57 | 21:36 | 13:09 |
| 13 | 05:06 | 19:47 | 22:11 | 14:10 | 04:46 | 19:35 | 21:48 | 14:00 | 05:03 | 19:55 | 22:04 | 14:23 |
| 14 | 05:07 | 19:45 | 22:51 | 15:20 | 04:48 | 19:33 | 22:27 | 15:11 | 05:05 | 19:53 | 22:42 | 15:34 |
| 15 | 05:09 | 19:43 | 23:44 | 16:23 | 04:50 | 19:31 | 23:20 | 16:15 | 05:06 | 19:51 | 23:35 | 16:38 |
| 16 | 05:10 | 19:41 | — | 17:16 | 04:51 | 19:29 | — | 17:07 | 05:08 | 19:49 | — | 17:30 |
| 17 | 05:12 | 19:39 | 00:53 | 17:57 | 04:53 | 19:27 | 00:29 | 17:48 | 05:10 | 19:47 | 00:45 | 18:09 |
| 18 | 05:13 | 19:37 | 02:14 | 18:29 | 04:55 | 19:25 | 01:51 | 18:18 | 05:11 | 19:44 | 02:08 | 18:39 |
| 19 | 05:15 | 19:35 | 03:42 | 18:53 | 04:56 | 19:23 | 03:21 | 18:41 | 05:13 | 19:42 | 03:38 | 19:01 |
| 20 | 05:17 | 19:33 | 05:12 | 19:14 | 04:58 | 19:20 | 04:52 | 19:00 | 05:15 | 19:40 | 05:11 | 19:19 |
| 21 | 05:18 | 19:31 | 06:41 | 19:32 | 05:00 | 19:18 | 06:24 | 19:16 | 05:17 | 19:38 | 06:43 | 19:35 |
| 22 | 05:20 | 19:29 | 08:10 | 19:50 | 05:01 | 19:16 | 07:54 | 19:33 | 05:18 | 19:36 | 08:14 | 19:51 |
| 23 | 05:21 | 19:27 | 09:38 | 20:09 | 05:03 | 19:14 | 09:24 | 19:50 | 05:20 | 19:33 | 09:45 | 20:08 |
| 24 | 05:23 | 19:24 | 11:05 | 20:31 | 05:05 | 19:12 | 10:53 | 20:11 | 05:22 | 19:31 | 11:14 | 20:27 |
| 25 | 05:24 | 19:22 | 12:30 | 20:59 | 05:06 | 19:09 | 12:19 | 20:37 | 05:23 | 19:29 | 12:42 | 20:53 |
| 26 | 05:26 | 19:20 | 13:50 | 21:34 | 05:08 | 19:07 | 13:41 | 21:11 | 05:25 | 19:27 | 14:03 | 21:26 |
| 27 | 05:28 | 19:18 | 15:00 | 22:20 | 05:10 | 19:05 | 14:52 | 21:56 | 05:27 | 19:24 | 15:15 | 22:11 |
| 28 | 05:29 | 19:16 | 15:58 | 23:17 | 05:11 | 19:03 | 15:50 | 22:53 | 05:29 | 19:22 | 16:13 | 23:08 |
| 29 | 05:31 | 19:14 | 16:42 | — | 05:13 | 19:00 | 16:34 | 23:59 | 05:30 | 19:20 | 16:56 | — |
| 30 | 05:32 | 19:11 | 17:15 | 00:23 | 05:15 | 18:58 | 17:05 | — | 05:32 | 19:17 | 17:27 | 00:15 |
| 31 | 05:34 | 19:09 | 17:40 | 01:33 | 05:16 | 18:56 | 17:29 | 01:11 | 05:34 | 19:15 | 17:50 | 01:27 |

In +50° geogr. Breite: Dauer der bürgerlichen Dämmerung am 15. Aug. 36m.
Tagesl. am 1. Aug. 15h12m, am 31. Aug. 13h31m; somit Abnahme der Tagesl. im Aug. 1h41m.

August 2028

| | DRESDEN | | | | FRANKFURT/M. | | | | FREIBURG | | | |
|-----------|---------|-----------|---------|-----------|--------------|-----------|---------|-----------|----------|-----------|---------|-----------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Datum | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang |
| 01 | 04:31 | 19:51 | 17:42 | 00:07 | 04:55 | 20:07 | 17:57 | 00:34 | 05:05 | 20:04 | 17:49 | 00:50 |
| 02 | 04:33 | 19:49 | 18:23 | 01:07 | 04:56 | 20:06 | 18:38 | 01:34 | 05:07 | 20:02 | 18:31 | 01:49 |
| 03 | 04:34 | 19:47 | 18:53 | 02:15 | 04:58 | 20:04 | 19:09 | 02:41 | 05:08 | 20:01 | 19:04 | 02:55 |
| 04 | 04:36 | 19:46 | 19:16 | 03:26 | 04:59 | 20:03 | 19:34 | 03:51 | 05:09 | 19:59 | 19:30 | 04:03 |
| 05 | 04:37 | 19:44 | 19:35 | 04:38 | 05:01 | 20:01 | 19:53 | 05:02 | 05:10 | 19:58 | 19:51 | 05:12 |
| 06 | 04:39 | 19:42 | 19:50 | 05:48 | 05:02 | 19:59 | 20:09 | 06:11 | 05:12 | 19:56 | 20:10 | 06:19 |
| 07 | 04:40 | 19:40 | 20:04 | 06:57 | 05:03 | 19:58 | 20:24 | 07:19 | 05:13 | 19:55 | 20:26 | 07:25 |
| 08 | 04:42 | 19:39 | 20:17 | 08:04 | 05:05 | 19:56 | 20:38 | 08:26 | 05:14 | 19:53 | 20:42 | 08:29 |
| 09 | 04:43 | 19:37 | 20:31 | 09:11 | 05:06 | 19:54 | 20:52 | 09:32 | 05:16 | 19:51 | 20:58 | 09:34 |
| 10 | 04:45 | 19:35 | 20:46 | 10:19 | 05:08 | 19:52 | 21:08 | 10:39 | 05:17 | 19:50 | 21:16 | 10:39 |
| 11 | 04:46 | 19:33 | 21:03 | 11:29 | 05:09 | 19:51 | 21:27 | 11:47 | 05:18 | 19:48 | 21:37 | 11:45 |
| 12 | 04:48 | 19:31 | 21:26 | 12:39 | 05:11 | 19:49 | 21:50 | 12:57 | 05:20 | 19:46 | 22:02 | 12:53 |
| 13 | 04:49 | 19:29 | 21:55 | 13:51 | 05:12 | 19:47 | 22:20 | 14:07 | 05:21 | 19:45 | 22:34 | 14:01 |
| 14 | 04:51 | 19:27 | 22:35 | 15:00 | 05:14 | 19:45 | 23:01 | 15:16 | 05:23 | 19:43 | 23:16 | 15:08 |
| 15 | 04:52 | 19:25 | 23:28 | 16:04 | 05:15 | 19:43 | 23:55 | 16:19 | 05:24 | 19:41 | — | 16:10 |
| 16 | 04:54 | 19:23 | — | 16:57 | 05:17 | 19:41 | — | 17:12 | 05:25 | 19:39 | 00:10 | 17:04 |
| 17 | 04:56 | 19:21 | 00:37 | 17:38 | 05:18 | 19:39 | 01:03 | 17:54 | 05:27 | 19:38 | 01:18 | 17:48 |
| 18 | 04:57 | 19:19 | 01:57 | 18:10 | 05:20 | 19:37 | 02:23 | 18:27 | 05:28 | 19:36 | 02:36 | 18:23 |
| 19 | 04:59 | 19:17 | 03:24 | 18:35 | 05:21 | 19:35 | 03:49 | 18:53 | 05:29 | 19:34 | 03:59 | 18:52 |
| 20 | 05:00 | 19:15 | 04:54 | 18:56 | 05:23 | 19:33 | 05:18 | 19:15 | 05:31 | 19:32 | 05:25 | 19:16 |
| 21 | 05:02 | 19:13 | 06:23 | 19:15 | 05:24 | 19:31 | 06:46 | 19:35 | 05:32 | 19:30 | 06:51 | 19:38 |
| 22 | 05:03 | 19:11 | 07:52 | 19:33 | 05:26 | 19:29 | 08:13 | 19:54 | 05:33 | 19:28 | 08:15 | 20:00 |
| 23 | 05:05 | 19:09 | 09:20 | 19:52 | 05:27 | 19:27 | 09:39 | 20:15 | 05:35 | 19:26 | 09:39 | 20:23 |
| 24 | 05:06 | 19:07 | 10:47 | 20:15 | 05:29 | 19:25 | 11:05 | 20:39 | 05:36 | 19:25 | 11:02 | 20:49 |
| 25 | 05:08 | 19:05 | 12:11 | 20:43 | 05:30 | 19:23 | 12:28 | 21:08 | 05:38 | 19:23 | 12:23 | 21:20 |
| 26 | 05:10 | 19:03 | 13:31 | 21:19 | 05:32 | 19:21 | 13:47 | 21:45 | 05:39 | 19:21 | 13:40 | 21:59 |
| 27 | 05:11 | 19:01 | 14:41 | 22:04 | 05:33 | 19:19 | 14:56 | 22:31 | 05:40 | 19:19 | 14:48 | 22:47 |
| 28 | 05:13 | 18:58 | 15:39 | 23:01 | 05:35 | 19:17 | 15:54 | 23:28 | 05:42 | 19:17 | 15:45 | 23:43 |
| 29 | 05:14 | 18:56 | 16:23 | — | 05:36 | 19:15 | 16:39 | — | 05:43 | 19:15 | 16:31 | — |
| 30 | 05:16 | 18:54 | 16:57 | 00:06 | 05:38 | 19:13 | 17:13 | 00:33 | 05:44 | 19:13 | 17:07 | 00:47 |
| 31 | 05:17 | 18:52 | 17:22 | 01:16 | 05:39 | 19:11 | 17:39 | 01:42 | 05:46 | 19:11 | 17:35 | 01:54 |

August 2028

| | HAMBURG | | | | HANNOVER | | | | KÖLN | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 04:36 | 20:15 | 18:14 | 00:05 | 04:42 | 20:12 | 18:07 | 00:15 | 04:59 | 20:17 | 18:09 | 00:36 |
| 02 | 04:38 | 20:14 | 18:53 | 01:06 | 04:44 | 20:10 | 18:47 | 01:15 | 05:00 | 20:16 | 18:50 | 01:36 |
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| 04 | 04:41 | 20:10 | 19:41 | 03:30 | 04:47 | 20:06 | 19:37 | 03:37 | 05:03 | 20:12 | 19:43 | 03:55 |
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| 06 | 04:45 | 20:06 | 20:09 | 05:58 | 04:50 | 20:03 | 20:08 | 06:02 | 05:06 | 20:09 | 20:17 | 06:17 |
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| 08 | 04:48 | 20:02 | 20:31 | 08:20 | 04:53 | 19:59 | 20:33 | 08:21 | 05:09 | 20:05 | 20:45 | 08:33 |
| 09 | 04:50 | 20:00 | 20:42 | 09:30 | 04:55 | 19:57 | 20:45 | 09:29 | 05:11 | 20:04 | 20:58 | 09:40 |
| 10 | 04:51 | 19:58 | 20:55 | 10:40 | 04:56 | 19:55 | 20:59 | 10:39 | 05:12 | 20:02 | 21:13 | 10:48 |
| 11 | 04:53 | 19:56 | 21:10 | 11:52 | 04:58 | 19:53 | 21:15 | 11:49 | 05:14 | 20:00 | 21:31 | 11:57 |
| 12 | 04:55 | 19:54 | 21:29 | 13:06 | 05:00 | 19:51 | 21:36 | 13:02 | 05:15 | 19:58 | 21:54 | 13:07 |
| 13 | 04:57 | 19:52 | 21:56 | 14:20 | 05:01 | 19:49 | 22:04 | 14:15 | 05:17 | 19:56 | 22:23 | 14:19 |
| 14 | 04:58 | 19:50 | 22:34 | 15:32 | 05:03 | 19:47 | 22:43 | 15:25 | 05:18 | 19:54 | 23:03 | 15:28 |
| 15 | 05:00 | 19:48 | 23:27 | 16:36 | 05:05 | 19:45 | 23:36 | 16:29 | 05:20 | 19:52 | 23:57 | 16:31 |
| 16 | 05:02 | 19:45 | — | 17:28 | 05:06 | 19:43 | — | 17:21 | 05:21 | 19:50 | — | 17:24 |
| 17 | 05:04 | 19:43 | 00:36 | 18:07 | 05:08 | 19:41 | 00:45 | 18:02 | 05:23 | 19:48 | 01:06 | 18:06 |
| 18 | 05:05 | 19:41 | 02:00 | 18:36 | 05:10 | 19:39 | 02:07 | 18:32 | 05:25 | 19:46 | 02:26 | 18:37 |
| 19 | 05:07 | 19:39 | 03:31 | 18:57 | 05:11 | 19:37 | 03:37 | 18:55 | 05:26 | 19:44 | 03:54 | 19:03 |
| 20 | 05:09 | 19:37 | 05:04 | 19:15 | 05:13 | 19:35 | 05:08 | 19:14 | 05:28 | 19:42 | 05:23 | 19:23 |
| 21 | 05:11 | 19:34 | 06:37 | 19:30 | 05:15 | 19:32 | 06:39 | 19:31 | 05:29 | 19:40 | 06:52 | 19:42 |
| 22 | 05:12 | 19:32 | 08:09 | 19:45 | 05:16 | 19:30 | 08:10 | 19:48 | 05:31 | 19:38 | 08:21 | 20:01 |
| 23 | 05:14 | 19:30 | 09:40 | 20:02 | 05:18 | 19:28 | 09:39 | 20:06 | 05:32 | 19:36 | 09:48 | 20:20 |
| 24 | 05:16 | 19:28 | 11:11 | 20:21 | 05:20 | 19:26 | 11:08 | 20:26 | 05:34 | 19:34 | 11:15 | 20:43 |
| 25 | 05:18 | 19:25 | 12:39 | 20:45 | 05:21 | 19:24 | 12:34 | 20:53 | 05:35 | 19:32 | 12:39 | 21:11 |
| 26 | 05:19 | 19:23 | 14:02 | 21:18 | 05:23 | 19:21 | 13:55 | 21:27 | 05:37 | 19:30 | 13:59 | 21:47 |
| 27 | 05:21 | 19:21 | 15:14 | 22:03 | 05:25 | 19:19 | 15:06 | 22:12 | 05:39 | 19:27 | 15:09 | 22:33 |
| 28 | 05:23 | 19:18 | 16:11 | 23:00 | 05:26 | 19:17 | 16:04 | 23:09 | 05:40 | 19:25 | 16:06 | 23:30 |
| 29 | 05:25 | 19:16 | 16:54 | — | 05:28 | 19:15 | 16:48 | — | 05:42 | 19:23 | 16:50 | — |
| 30 | 05:26 | 19:14 | 17:25 | 00:07 | 05:30 | 19:12 | 17:19 | 00:15 | 05:43 | 19:21 | 17:24 | 00:36 |
| 31 | 05:28 | 19:11 | 17:47 | 01:20 | 05:31 | 19:10 | 17:43 | 01:27 | 05:45 | 19:19 | 17:49 | 01:45 |

August 2028

| | LEIPZIG | | | | MÜNCHEN | | | | NÜRNBERG | | | |
|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|----------|-----------|---------|-----------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Datum | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang |
| 01 | 04:36 | 19:57 | 17:49 | 00:11 | 04:50 | 19:49 | 17:34 | 00:34 | 04:48 | 19:56 | 17:43 | 00:28 |
| 02 | 04:37 | 19:56 | 18:30 | 01:11 | 04:51 | 19:48 | 18:16 | 01:33 | 04:49 | 19:54 | 18:25 | 01:28 |
| 03 | 04:39 | 19:54 | 19:00 | 02:19 | 04:53 | 19:46 | 18:49 | 02:38 | 04:50 | 19:53 | 18:57 | 02:34 |
| 04 | 04:40 | 19:52 | 19:23 | 03:31 | 04:54 | 19:45 | 19:15 | 03:47 | 04:52 | 19:51 | 19:22 | 03:44 |
| 05 | 04:42 | 19:50 | 19:41 | 04:43 | 04:55 | 19:43 | 19:37 | 04:56 | 04:53 | 19:49 | 19:42 | 04:54 |
| 06 | 04:43 | 19:49 | 19:56 | 05:53 | 04:57 | 19:42 | 19:55 | 06:03 | 04:55 | 19:48 | 19:59 | 06:03 |
| 07 | 04:45 | 19:47 | 20:10 | 07:02 | 04:58 | 19:40 | 20:11 | 07:09 | 04:56 | 19:46 | 20:14 | 07:10 |
| 08 | 04:46 | 19:45 | 20:22 | 08:10 | 04:59 | 19:39 | 20:27 | 08:14 | 04:57 | 19:44 | 20:28 | 08:16 |
| 09 | 04:48 | 19:43 | 20:36 | 09:17 | 05:01 | 19:37 | 20:43 | 09:18 | 04:59 | 19:43 | 20:43 | 09:21 |
| 10 | 04:49 | 19:41 | 20:51 | 10:26 | 05:02 | 19:35 | 21:01 | 10:23 | 05:00 | 19:41 | 21:00 | 10:28 |
| 11 | 04:51 | 19:39 | 21:08 | 11:35 | 05:03 | 19:34 | 21:21 | 11:30 | 05:02 | 19:39 | 21:19 | 11:35 |
| 12 | 04:52 | 19:37 | 21:30 | 12:46 | 05:05 | 19:32 | 21:46 | 12:37 | 05:03 | 19:37 | 21:43 | 12:44 |
| 13 | 04:54 | 19:36 | 21:59 | 13:58 | 05:06 | 19:30 | 22:18 | 13:46 | 05:04 | 19:35 | 22:14 | 13:54 |
| 14 | 04:56 | 19:34 | 22:39 | 15:08 | 05:07 | 19:28 | 23:00 | 14:53 | 05:06 | 19:34 | 22:55 | 15:02 |
| 15 | 04:57 | 19:32 | 23:32 | 16:11 | 05:09 | 19:27 | 23:54 | 15:56 | 05:07 | 19:32 | 23:49 | 16:05 |
| 16 | 04:59 | 19:30 | — | 17:04 | 05:10 | 19:25 | — | 16:50 | 05:09 | 19:30 | — | 16:58 |
| 17 | 05:00 | 19:28 | 00:41 | 17:45 | 05:11 | 19:23 | 01:01 | 17:33 | 05:10 | 19:28 | 00:57 | 17:41 |
| 18 | 05:02 | 19:26 | 02:01 | 18:17 | 05:13 | 19:21 | 02:19 | 18:09 | 05:12 | 19:26 | 02:16 | 18:15 |
| 19 | 05:03 | 19:24 | 03:29 | 18:42 | 05:14 | 19:19 | 03:43 | 18:37 | 05:13 | 19:24 | 03:41 | 18:42 |
| 20 | 05:05 | 19:21 | 04:59 | 19:02 | 05:16 | 19:17 | 05:09 | 19:01 | 05:15 | 19:22 | 05:09 | 19:05 |
| 21 | 05:07 | 19:19 | 06:29 | 19:20 | 05:17 | 19:16 | 06:35 | 19:23 | 05:16 | 19:20 | 06:36 | 19:25 |
| 22 | 05:08 | 19:17 | 07:58 | 19:38 | 05:18 | 19:14 | 08:00 | 19:45 | 05:18 | 19:18 | 08:02 | 19:45 |
| 23 | 05:10 | 19:15 | 09:26 | 19:57 | 05:20 | 19:12 | 09:24 | 20:07 | 05:19 | 19:16 | 09:28 | 20:07 |
| 24 | 05:11 | 19:13 | 10:53 | 20:19 | 05:21 | 19:10 | 10:47 | 20:33 | 05:20 | 19:14 | 10:53 | 20:31 |
| 25 | 05:13 | 19:11 | 12:18 | 20:47 | 05:22 | 19:08 | 12:08 | 21:04 | 05:22 | 19:12 | 12:15 | 21:01 |
| 26 | 05:14 | 19:09 | 13:38 | 21:22 | 05:24 | 19:06 | 13:25 | 21:43 | 05:23 | 19:10 | 13:33 | 21:38 |
| 27 | 05:16 | 19:07 | 14:49 | 22:08 | 05:25 | 19:04 | 14:33 | 22:30 | 05:25 | 19:08 | 14:43 | 22:25 |
| 28 | 05:18 | 19:04 | 15:46 | 23:05 | 05:27 | 19:02 | 15:31 | 23:27 | 05:26 | 19:06 | 15:40 | 23:22 |
| 29 | 05:19 | 19:02 | 16:30 | — | 05:28 | 19:00 | 16:16 | — | 05:28 | 19:04 | 16:25 | — |
| 30 | 05:21 | 19:00 | 17:03 | 00:11 | 05:29 | 18:58 | 16:52 | 00:31 | 05:29 | 19:02 | 17:00 | 00:26 |
| 31 | 05:22 | 18:58 | 17:28 | 01:21 | 05:31 | 18:56 | 17:20 | 01:38 | 05:31 | 19:00 | 17:27 | 01:35 |

August 2028

| | ROSTOCK | | | | SAARBRÜCKEN | | | | STUTT GART | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 04:25 | 20:09 | 18:10 | — | 05:05 | 20:11 | 17:59 | 00:47 | 04:57 | 20:01 | 17:47 | 00:40 |
| 02 | 04:27 | 20:07 | 18:48 | 00:53 | 05:06 | 20:10 | 18:41 | 01:46 | 04:59 | 19:59 | 18:29 | 01:39 |
| 03 | 04:29 | 20:05 | 19:15 | 02:03 | 05:07 | 20:08 | 19:13 | 02:52 | 05:00 | 19:58 | 19:02 | 02:46 |
| 04 | 04:30 | 20:04 | 19:34 | 03:18 | 05:09 | 20:07 | 19:38 | 04:02 | 05:01 | 19:56 | 19:27 | 03:55 |
| 05 | 04:32 | 20:02 | 19:49 | 04:34 | 05:10 | 20:05 | 19:58 | 05:12 | 05:03 | 19:55 | 19:48 | 05:04 |
| 06 | 04:34 | 20:00 | 20:01 | 05:48 | 05:12 | 20:03 | 20:15 | 06:20 | 05:04 | 19:53 | 20:05 | 06:12 |
| 07 | 04:36 | 19:58 | 20:12 | 07:00 | 05:13 | 20:02 | 20:30 | 07:27 | 05:06 | 19:52 | 20:21 | 07:18 |
| 08 | 04:37 | 19:56 | 20:22 | 08:11 | 05:14 | 20:00 | 20:45 | 08:33 | 05:07 | 19:50 | 20:36 | 08:24 |
| 09 | 04:39 | 19:54 | 20:33 | 09:21 | 05:16 | 19:58 | 21:00 | 09:38 | 05:08 | 19:48 | 20:52 | 09:29 |
| 10 | 04:41 | 19:51 | 20:45 | 10:32 | 05:17 | 19:57 | 21:17 | 10:44 | 05:10 | 19:47 | 21:09 | 10:34 |
| 11 | 04:43 | 19:49 | 20:59 | 11:45 | 05:19 | 19:55 | 21:36 | 11:52 | 05:11 | 19:45 | 21:29 | 11:41 |
| 12 | 04:44 | 19:47 | 21:18 | 13:00 | 05:20 | 19:53 | 22:01 | 13:01 | 05:12 | 19:43 | 21:53 | 12:50 |
| 13 | 04:46 | 19:45 | 21:44 | 14:15 | 05:21 | 19:51 | 22:32 | 14:10 | 05:14 | 19:41 | 22:25 | 13:59 |
| 14 | 04:48 | 19:43 | 22:21 | 15:27 | 05:23 | 19:49 | 23:13 | 15:18 | 05:15 | 19:40 | 23:06 | 15:07 |
| 15 | 04:50 | 19:41 | 23:13 | 16:32 | 05:24 | 19:48 | — | 16:21 | 05:17 | 19:38 | — | 16:09 |
| 16 | 04:52 | 19:39 | — | 17:23 | 05:26 | 19:46 | 00:07 | 17:14 | 05:18 | 19:36 | 00:01 | 17:03 |
| 17 | 04:53 | 19:36 | 00:24 | 18:02 | 05:27 | 19:44 | 01:15 | 17:57 | 05:19 | 19:34 | 01:08 | 17:46 |
| 18 | 04:55 | 19:34 | 01:48 | 18:29 | 05:29 | 19:42 | 02:34 | 18:31 | 05:21 | 19:32 | 02:27 | 18:20 |
| 19 | 04:57 | 19:32 | 03:20 | 18:50 | 05:30 | 19:40 | 03:59 | 18:58 | 05:22 | 19:30 | 03:51 | 18:48 |
| 20 | 04:59 | 19:30 | 04:54 | 19:07 | 05:32 | 19:38 | 05:26 | 19:21 | 05:24 | 19:28 | 05:18 | 19:12 |
| 21 | 05:01 | 19:27 | 06:28 | 19:22 | 05:33 | 19:36 | 06:54 | 19:42 | 05:25 | 19:26 | 06:45 | 19:33 |
| 22 | 05:02 | 19:25 | 08:01 | 19:36 | 05:34 | 19:34 | 08:20 | 20:02 | 05:27 | 19:25 | 08:10 | 19:54 |
| 23 | 05:04 | 19:23 | 09:33 | 19:52 | 05:36 | 19:32 | 09:45 | 20:24 | 05:28 | 19:23 | 09:35 | 20:16 |
| 24 | 05:06 | 19:20 | 11:04 | 20:10 | 05:37 | 19:30 | 11:10 | 20:49 | 05:29 | 19:21 | 10:59 | 20:41 |
| 25 | 05:08 | 19:18 | 12:33 | 20:34 | 05:39 | 19:28 | 12:32 | 21:19 | 05:31 | 19:19 | 12:21 | 21:12 |
| 26 | 05:09 | 19:16 | 13:56 | 21:06 | 05:40 | 19:26 | 13:49 | 21:56 | 05:32 | 19:17 | 13:38 | 21:50 |
| 27 | 05:11 | 19:13 | 15:09 | 21:50 | 05:42 | 19:24 | 14:58 | 22:43 | 05:34 | 19:15 | 14:47 | 22:37 |
| 28 | 05:13 | 19:11 | 16:07 | 22:47 | 05:43 | 19:22 | 15:56 | 23:40 | 05:35 | 19:13 | 15:44 | 23:34 |
| 29 | 05:15 | 19:08 | 16:49 | 23:54 | 05:45 | 19:20 | 16:41 | — | 05:36 | 19:11 | 16:30 | — |
| 30 | 05:17 | 19:06 | 17:19 | — | 05:46 | 19:18 | 17:16 | 00:45 | 05:38 | 19:09 | 17:05 | 00:38 |
| 31 | 05:18 | 19:04 | 17:41 | 01:08 | 05:47 | 19:16 | 17:42 | 01:53 | 05:39 | 19:07 | 17:32 | 01:46 |

SEPTEMBER 2028

HAUPTKALENDARIUM

| Datum | Jahres- tag | Kalen- der- wo- che | Sonn- und Feiertage | Son- nen- lauf | Mondlauf | | |
|--------------|----------------|------------------------------|-------------------------|----------------------|----------|--------------------------|--|
| | | | | | Phase | Länge im Tierkreis | Mondwenden Entfernung Mondknoten |
| 01 Fr | 245 | | | | | ≈ 06° | |
| 02 Sa | 246 | | | | | ≈ 18° | |
| 03 So | 247 | | 12. So. nach Trinitatis | | | ≈ 30° | |
| 04 Mo | 248 | 36 | | | ○ | ♋ 12° | Erdferne |
| 05 Di | 249 | | | | | ♋ 23° | |
| 06 Mi | 250 | | | | | ♌ 05° | |
| 07 Do | 251 | | | | | ♌ 17° | |
| 08 Fr | 252 | | Mariä Geburt | | | ♌ 29° | |
| 09 Sa | 253 | | | | | ♍ 11° | |
| 10 So | 254 | | 13. So. nach Trinitatis | | | ♍ 24° | |
| 11 Mo | 255 | 37 | | | | ♎ 06° | |
| 12 Di | 256 | | | | ● | ♎ 19° | Nordw. |
| 13 Mi | 257 | | | | | ♏ 02° | |
| 14 Do | 258 | | | | | ♏ 16° | ♌ |
| 15 Fr | 259 | | | | | ♏ 30° | |
| 16 Sa | 260 | | | | | ♐ 14° | |
| 17 So | 261 | | 14. So. nach Trinitatis | | | ♐ 29° | |
| 18 Mo | 262 | 38 | | | ● | ♑ 14° | Erdnähe |
| 19 Di | 263 | | | | | ♑ 29° | |
| 20 Mi | 264 | | Weltkindertag | | | ♒ 15° | |
| 21 Do | 265 | | | | | ♒ 30° | |
| 22 Fr | 266 | | | ♐*) | | ♓ 14° | |
| 23 Sa | 267 | | | | | ♓ 28° | |
| 24 So | 268 | | 15. So. nach Trinitatis | | | ♈ 12° | Südw. |
| 25 Mo | 269 | 39 | | | ● | ♈ 25° | |
| 26 Di | 270 | | | | | ♉ 08° | ♏1) |
| 27 Mi | 271 | | | | | ♉ 21° | |
| 28 Do | 272 | | | | | ≈ 03° | |
| 29 Fr | 273 | | Michaelstag | | | ≈ 15° | |
| 30 Sa | 274 | | | | | ≈ 27° | |

*) Am 22. September um 12:45 Uhr MEZ tritt die Sonne ins Zeichen Waage (♏) (Herbstanfang, Tagundnachtgleiche)

1) Am nächsten Tag unter Berücksichtigung der Sommerzeit.

September 2028

| | KASSEL | | | | BERLIN | | | | BREMEN | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 05:36 | 19:07 | 17:59 | 02:44 | 05:18 | 18:54 | 17:47 | 02:23 | 05:35 | 19:13 | 18:07 | 02:41 |
| 02 | 05:37 | 19:05 | 18:15 | 03:55 | 05:20 | 18:51 | 18:02 | 03:35 | 05:37 | 19:10 | 18:22 | 03:53 |
| 03 | 05:39 | 19:03 | 18:29 | 05:04 | 05:21 | 18:49 | 18:15 | 04:46 | 05:39 | 19:08 | 18:34 | 05:04 |
| 04 | 05:40 | 19:00 | 18:43 | 06:12 | 05:23 | 18:47 | 18:27 | 05:55 | 05:41 | 19:06 | 18:45 | 06:14 |
| 05 | 05:42 | 18:58 | 18:56 | 07:19 | 05:25 | 18:44 | 18:39 | 07:04 | 05:42 | 19:03 | 18:57 | 07:23 |
| 06 | 05:43 | 18:56 | 19:10 | 08:27 | 05:26 | 18:42 | 18:52 | 08:13 | 05:44 | 19:01 | 19:10 | 08:33 |
| 07 | 05:45 | 18:54 | 19:27 | 09:36 | 05:28 | 18:40 | 19:08 | 09:23 | 05:46 | 18:59 | 19:24 | 09:44 |
| 08 | 05:47 | 18:51 | 19:47 | 10:46 | 05:30 | 18:37 | 19:26 | 10:34 | 05:47 | 18:56 | 19:43 | 10:56 |
| 09 | 05:48 | 18:49 | 20:13 | 11:57 | 05:31 | 18:35 | 19:51 | 11:46 | 05:49 | 18:54 | 20:07 | 12:08 |
| 10 | 05:50 | 18:47 | 20:48 | 13:06 | 05:33 | 18:33 | 20:25 | 12:57 | 05:51 | 18:51 | 20:40 | 13:19 |
| 11 | 05:51 | 18:45 | 21:35 | 14:10 | 05:35 | 18:30 | 21:10 | 14:02 | 05:52 | 18:49 | 21:26 | 14:25 |
| 12 | 05:53 | 18:42 | 22:35 | 15:06 | 05:36 | 18:28 | 22:11 | 14:57 | 05:54 | 18:47 | 22:26 | 15:20 |
| 13 | 05:54 | 18:40 | 23:48 | 15:51 | 05:38 | 18:25 | 23:25 | 15:42 | 05:56 | 18:44 | 23:41 | 16:04 |
| 14 | 05:56 | 18:38 | — | 16:25 | 05:40 | 18:23 | — | 16:15 | 05:58 | 18:42 | — | 16:36 |
| 15 | 05:58 | 18:35 | 01:10 | 16:53 | 05:41 | 18:21 | 00:49 | 16:41 | 05:59 | 18:39 | 01:05 | 17:01 |
| 16 | 05:59 | 18:33 | 02:37 | 17:15 | 05:43 | 18:18 | 02:17 | 17:01 | 06:01 | 18:37 | 02:35 | 17:21 |
| 17 | 06:01 | 18:31 | 04:06 | 17:34 | 05:45 | 18:16 | 03:48 | 17:19 | 06:03 | 18:34 | 04:06 | 17:38 |
| 18 | 06:02 | 18:29 | 05:35 | 17:52 | 05:46 | 18:13 | 05:18 | 17:36 | 06:04 | 18:32 | 05:38 | 17:54 |
| 19 | 06:04 | 18:26 | 07:05 | 18:11 | 05:48 | 18:11 | 06:50 | 17:54 | 06:06 | 18:30 | 07:10 | 18:11 |
| 20 | 06:06 | 18:24 | 08:34 | 18:33 | 05:50 | 18:09 | 08:21 | 18:14 | 06:08 | 18:27 | 08:42 | 18:30 |
| 21 | 06:07 | 18:22 | 10:03 | 18:59 | 05:51 | 18:06 | 09:52 | 18:38 | 06:10 | 18:25 | 10:13 | 18:54 |
| 22 | 06:09 | 18:19 | 11:29 | 19:33 | 05:53 | 18:04 | 11:19 | 19:10 | 06:11 | 18:22 | 11:41 | 19:25 |
| 23 | 06:10 | 18:17 | 12:46 | 20:16 | 05:55 | 18:02 | 12:37 | 19:52 | 06:13 | 18:20 | 13:00 | 20:07 |
| 24 | 06:12 | 18:15 | 13:50 | 21:10 | 05:56 | 17:59 | 13:42 | 20:46 | 06:15 | 18:17 | 14:05 | 21:01 |
| 25 | 06:14 | 18:12 | 14:39 | 22:14 | 05:58 | 17:57 | 14:31 | 21:51 | 06:16 | 18:15 | 14:54 | 22:06 |
| 26 | 06:15 | 18:10 | 15:16 | 23:24 | 06:00 | 17:55 | 15:07 | 23:01 | 06:18 | 18:13 | 15:29 | 23:17 |
| 27 | 06:17 | 18:08 | 15:44 | — | 06:02 | 17:52 | 15:33 | — | 06:20 | 18:10 | 15:54 | — |
| 28 | 06:18 | 18:06 | 16:05 | 00:35 | 06:03 | 17:50 | 15:53 | 00:14 | 06:22 | 18:08 | 16:14 | 00:31 |
| 29 | 06:20 | 18:03 | 16:22 | 01:45 | 06:05 | 17:47 | 16:09 | 01:26 | 06:23 | 18:05 | 16:29 | 01:43 |
| 30 | 06:22 | 18:01 | 16:37 | 02:55 | 06:07 | 17:45 | 16:23 | 02:36 | 06:25 | 18:03 | 16:42 | 02:54 |

In +50° geogr. Breite: Dauer der bürgerlichen Dämmerung am 15. Sept. 32m.
Tagesl. am 1. Sept. 13h27m, am 30. Sept. 11h41m; somit Abnahme der Tagesl. im Sept. 1h46m.

September 2028

| | DRESDEN | | | | FRANKFURT/M. | | | | FREIBURG | | | |
|-----------|---------|-----------|---------|-----------|--------------|-----------|---------|-----------|----------|-----------|---------|-----------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Datum | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang |
| 01 | 05:19 | 18:50 | 17:41 | 02:27 | 05:41 | 19:08 | 17:59 | 02:52 | 05:47 | 19:09 | 17:57 | 03:02 |
| 02 | 05:21 | 18:48 | 17:58 | 03:38 | 05:42 | 19:06 | 18:17 | 04:01 | 05:49 | 19:07 | 18:16 | 04:09 |
| 03 | 05:22 | 18:45 | 18:12 | 04:47 | 05:44 | 19:04 | 18:32 | 05:09 | 05:50 | 19:05 | 18:33 | 05:15 |
| 04 | 05:24 | 18:43 | 18:26 | 05:54 | 05:45 | 19:02 | 18:46 | 06:16 | 05:51 | 19:03 | 18:50 | 06:20 |
| 05 | 05:25 | 18:41 | 18:39 | 07:01 | 05:47 | 19:00 | 19:00 | 07:22 | 05:53 | 19:01 | 19:06 | 07:24 |
| 06 | 05:27 | 18:39 | 18:54 | 08:09 | 05:48 | 18:58 | 19:16 | 08:29 | 05:54 | 18:59 | 19:23 | 08:29 |
| 07 | 05:28 | 18:36 | 19:10 | 09:17 | 05:50 | 18:56 | 19:34 | 09:36 | 05:55 | 18:57 | 19:43 | 09:35 |
| 08 | 05:30 | 18:34 | 19:31 | 10:27 | 05:51 | 18:53 | 19:55 | 10:45 | 05:57 | 18:55 | 20:06 | 10:41 |
| 09 | 05:31 | 18:32 | 19:57 | 11:38 | 05:53 | 18:51 | 20:22 | 11:54 | 05:58 | 18:53 | 20:35 | 11:49 |
| 10 | 05:33 | 18:30 | 20:32 | 12:47 | 05:54 | 18:49 | 20:58 | 13:03 | 05:59 | 18:51 | 21:13 | 12:55 |
| 11 | 05:35 | 18:27 | 21:19 | 13:51 | 05:56 | 18:47 | 21:45 | 14:06 | 06:01 | 18:48 | 22:00 | 13:58 |
| 12 | 05:36 | 18:25 | 22:19 | 14:47 | 05:57 | 18:45 | 22:45 | 15:02 | 06:02 | 18:46 | 23:00 | 14:54 |
| 13 | 05:38 | 18:23 | 23:32 | 15:32 | 05:59 | 18:42 | 23:58 | 15:47 | 06:03 | 18:44 | — | 15:40 |
| 14 | 05:39 | 18:21 | — | 16:07 | 06:00 | 18:40 | — | 16:23 | 06:05 | 18:42 | 00:11 | 16:18 |
| 15 | 05:41 | 18:18 | 00:53 | 16:34 | 06:02 | 18:38 | 01:19 | 16:52 | 06:06 | 18:40 | 01:30 | 16:49 |
| 16 | 05:42 | 18:16 | 02:20 | 16:57 | 06:03 | 18:36 | 02:44 | 17:16 | 06:08 | 18:38 | 02:53 | 17:15 |
| 17 | 05:44 | 18:14 | 03:48 | 17:17 | 06:05 | 18:34 | 04:11 | 17:37 | 06:09 | 18:36 | 04:17 | 17:38 |
| 18 | 05:46 | 18:11 | 05:17 | 17:35 | 06:06 | 18:31 | 05:39 | 17:56 | 06:10 | 18:34 | 05:43 | 18:01 |
| 19 | 05:47 | 18:09 | 06:46 | 17:55 | 06:08 | 18:29 | 07:07 | 18:17 | 06:12 | 18:32 | 07:08 | 18:23 |
| 20 | 05:49 | 18:07 | 08:16 | 18:17 | 06:09 | 18:27 | 08:35 | 18:40 | 06:13 | 18:30 | 08:34 | 18:49 |
| 21 | 05:50 | 18:05 | 09:44 | 18:43 | 06:11 | 18:25 | 10:02 | 19:07 | 06:14 | 18:28 | 09:58 | 19:19 |
| 22 | 05:52 | 18:02 | 11:09 | 19:16 | 06:12 | 18:22 | 11:26 | 19:42 | 06:16 | 18:26 | 11:20 | 19:56 |
| 23 | 05:53 | 18:00 | 12:26 | 20:00 | 06:14 | 18:20 | 12:42 | 20:26 | 06:17 | 18:24 | 12:34 | 20:41 |
| 24 | 05:55 | 17:58 | 13:30 | 20:54 | 06:15 | 18:18 | 13:46 | 21:21 | 06:19 | 18:21 | 13:37 | 21:36 |
| 25 | 05:57 | 17:56 | 14:20 | 21:58 | 06:17 | 18:16 | 14:36 | 22:25 | 06:20 | 18:19 | 14:28 | 22:39 |
| 26 | 05:58 | 17:53 | 14:58 | 23:07 | 06:18 | 18:14 | 15:14 | 23:33 | 06:21 | 18:17 | 15:07 | 23:46 |
| 27 | 06:00 | 17:51 | 15:26 | — | 06:20 | 18:11 | 15:42 | — | 06:23 | 18:15 | 15:38 | — |
| 28 | 06:01 | 17:49 | 15:47 | 00:18 | 06:21 | 18:09 | 16:05 | 00:43 | 06:24 | 18:13 | 16:02 | 00:54 |
| 29 | 06:03 | 17:47 | 16:05 | 01:28 | 06:23 | 18:07 | 16:23 | 01:52 | 06:25 | 18:11 | 16:22 | 02:01 |
| 30 | 06:05 | 17:44 | 16:20 | 02:37 | 06:24 | 18:05 | 16:39 | 03:00 | 06:27 | 18:09 | 16:40 | 03:07 |

September 2028

| | HAMBURG | | | | HANNOVER | | | | KÖLN | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 05:30 | 19:09 | 18:04 | 02:34 | 05:33 | 19:08 | 18:01 | 02:39 | 05:46 | 19:17 | 18:09 | 02:56 |
| 02 | 05:32 | 19:06 | 18:18 | 03:47 | 05:35 | 19:05 | 18:16 | 03:51 | 05:48 | 19:14 | 18:25 | 04:06 |
| 03 | 05:33 | 19:04 | 18:30 | 04:58 | 05:36 | 19:03 | 18:29 | 05:01 | 05:49 | 19:12 | 18:39 | 05:15 |
| 04 | 05:35 | 19:02 | 18:41 | 06:09 | 05:38 | 19:01 | 18:42 | 06:10 | 05:51 | 19:10 | 18:53 | 06:23 |
| 05 | 05:37 | 18:59 | 18:52 | 07:18 | 05:39 | 18:59 | 18:54 | 07:19 | 05:53 | 19:08 | 19:07 | 07:30 |
| 06 | 05:39 | 18:57 | 19:04 | 08:29 | 05:41 | 18:56 | 19:07 | 08:28 | 05:54 | 19:06 | 19:21 | 08:37 |
| 07 | 05:40 | 18:54 | 19:18 | 09:40 | 05:43 | 18:54 | 19:23 | 09:38 | 05:56 | 19:03 | 19:38 | 09:46 |
| 08 | 05:42 | 18:52 | 19:36 | 10:53 | 05:44 | 18:52 | 19:42 | 10:49 | 05:57 | 19:01 | 19:59 | 10:55 |
| 09 | 05:44 | 18:50 | 19:59 | 12:06 | 05:46 | 18:49 | 20:07 | 12:01 | 05:59 | 18:59 | 20:25 | 12:05 |
| 10 | 05:46 | 18:47 | 20:32 | 13:18 | 05:48 | 18:47 | 20:41 | 13:11 | 06:00 | 18:57 | 21:01 | 13:14 |
| 11 | 05:47 | 18:45 | 21:17 | 14:23 | 05:49 | 18:45 | 21:27 | 14:16 | 06:02 | 18:54 | 21:47 | 14:18 |
| 12 | 05:49 | 18:42 | 22:18 | 15:19 | 05:51 | 18:42 | 22:27 | 15:11 | 06:03 | 18:52 | 22:48 | 15:14 |
| 13 | 05:51 | 18:40 | 23:33 | 16:02 | 05:53 | 18:40 | 23:41 | 15:56 | 06:05 | 18:50 | — | 15:59 |
| 14 | 05:52 | 18:37 | — | 16:34 | 05:54 | 18:37 | — | 16:29 | 06:06 | 18:48 | 00:01 | 16:34 |
| 15 | 05:54 | 18:35 | 00:58 | 16:58 | 05:56 | 18:35 | 01:05 | 16:55 | 06:08 | 18:45 | 01:22 | 17:02 |
| 16 | 05:56 | 18:32 | 02:28 | 17:17 | 05:58 | 18:33 | 02:33 | 17:16 | 06:10 | 18:43 | 02:49 | 17:24 |
| 17 | 05:58 | 18:30 | 04:00 | 17:34 | 05:59 | 18:30 | 04:03 | 17:34 | 06:11 | 18:41 | 04:17 | 17:44 |
| 18 | 05:59 | 18:27 | 05:33 | 17:49 | 06:01 | 18:28 | 05:34 | 17:51 | 06:13 | 18:39 | 05:46 | 18:03 |
| 19 | 06:01 | 18:25 | 07:05 | 18:06 | 06:03 | 18:26 | 07:05 | 18:09 | 06:14 | 18:36 | 07:15 | 18:22 |
| 20 | 06:03 | 18:23 | 08:38 | 18:24 | 06:04 | 18:23 | 08:36 | 18:29 | 06:16 | 18:34 | 08:44 | 18:44 |
| 21 | 06:05 | 18:20 | 10:10 | 18:47 | 06:06 | 18:21 | 10:07 | 18:54 | 06:17 | 18:32 | 10:13 | 19:11 |
| 22 | 06:06 | 18:18 | 11:39 | 19:18 | 06:08 | 18:18 | 11:33 | 19:26 | 06:19 | 18:29 | 11:37 | 19:45 |
| 23 | 06:08 | 18:15 | 12:58 | 19:59 | 06:09 | 18:16 | 12:51 | 20:08 | 06:21 | 18:27 | 12:54 | 20:29 |
| 24 | 06:10 | 18:13 | 14:03 | 20:53 | 06:11 | 18:14 | 13:56 | 21:02 | 06:22 | 18:25 | 13:58 | 21:23 |
| 25 | 06:12 | 18:10 | 14:52 | 21:58 | 06:13 | 18:11 | 14:45 | 22:07 | 06:24 | 18:23 | 14:48 | 22:27 |
| 26 | 06:14 | 18:08 | 15:27 | 23:10 | 06:14 | 18:09 | 15:21 | 23:17 | 06:25 | 18:20 | 15:25 | 23:36 |
| 27 | 06:15 | 18:05 | 15:52 | — | 06:16 | 18:07 | 15:48 | — | 06:27 | 18:18 | 15:53 | — |
| 28 | 06:17 | 18:03 | 16:11 | 00:23 | 06:18 | 18:04 | 16:08 | 00:30 | 06:28 | 18:16 | 16:14 | 00:47 |
| 29 | 06:19 | 18:01 | 16:25 | 01:37 | 06:19 | 18:02 | 16:24 | 01:41 | 06:30 | 18:14 | 16:32 | 01:57 |
| 30 | 06:21 | 17:58 | 16:38 | 02:48 | 06:21 | 18:00 | 16:37 | 02:52 | 06:32 | 18:11 | 16:47 | 03:06 |

September 2028

| | LEIPZIG | | | | MÜNCHEN | | | | NÜRNBERG | | | |
|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|----------|-----------|---------|-----------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Datum | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang |
| 01 | 05:24 | 18:56 | 17:48 | 02:32 | 05:32 | 18:54 | 17:43 | 02:46 | 05:32 | 18:58 | 17:48 | 02:44 |
| 02 | 05:26 | 18:53 | 18:04 | 03:43 | 05:33 | 18:52 | 18:01 | 03:54 | 05:34 | 18:56 | 18:06 | 03:53 |
| 03 | 05:27 | 18:51 | 18:18 | 04:52 | 05:35 | 18:50 | 18:18 | 05:00 | 05:35 | 18:54 | 18:21 | 05:00 |
| 04 | 05:29 | 18:49 | 18:31 | 06:00 | 05:36 | 18:48 | 18:34 | 06:04 | 05:36 | 18:52 | 18:36 | 06:06 |
| 05 | 05:30 | 18:47 | 18:44 | 07:07 | 05:38 | 18:46 | 18:51 | 07:09 | 05:38 | 18:50 | 18:51 | 07:12 |
| 06 | 05:32 | 18:44 | 18:59 | 08:15 | 05:39 | 18:44 | 19:08 | 08:14 | 05:39 | 18:47 | 19:07 | 08:18 |
| 07 | 05:33 | 18:42 | 19:15 | 09:24 | 05:40 | 18:42 | 19:27 | 09:19 | 05:41 | 18:45 | 19:26 | 09:24 |
| 08 | 05:35 | 18:40 | 19:35 | 10:34 | 05:42 | 18:40 | 19:50 | 10:26 | 05:42 | 18:43 | 19:48 | 10:33 |
| 09 | 05:37 | 18:38 | 20:01 | 11:45 | 05:43 | 18:38 | 20:19 | 11:34 | 05:44 | 18:41 | 20:16 | 11:42 |
| 10 | 05:38 | 18:35 | 20:36 | 12:54 | 05:44 | 18:36 | 20:57 | 12:41 | 05:45 | 18:39 | 20:52 | 12:49 |
| 11 | 05:40 | 18:33 | 21:22 | 13:58 | 05:46 | 18:34 | 21:44 | 13:43 | 05:47 | 18:37 | 21:39 | 13:53 |
| 12 | 05:41 | 18:31 | 22:23 | 14:54 | 05:47 | 18:32 | 22:44 | 14:39 | 05:48 | 18:35 | 22:39 | 14:48 |
| 13 | 05:43 | 18:29 | 23:36 | 15:39 | 05:48 | 18:30 | 23:55 | 15:26 | 05:50 | 18:32 | 23:51 | 15:34 |
| 14 | 05:45 | 18:26 | — | 16:14 | 05:50 | 18:27 | — | 16:04 | 05:51 | 18:30 | — | 16:11 |
| 15 | 05:46 | 18:24 | 00:58 | 16:41 | 05:51 | 18:25 | 01:14 | 16:34 | 05:52 | 18:28 | 01:11 | 16:40 |
| 16 | 05:48 | 18:22 | 02:25 | 17:03 | 05:53 | 18:23 | 02:37 | 17:00 | 05:54 | 18:26 | 02:36 | 17:05 |
| 17 | 05:49 | 18:19 | 03:54 | 17:22 | 05:54 | 18:21 | 04:02 | 17:23 | 05:55 | 18:24 | 04:02 | 17:26 |
| 18 | 05:51 | 18:17 | 05:23 | 17:41 | 05:55 | 18:19 | 05:27 | 17:45 | 05:57 | 18:22 | 05:29 | 17:47 |
| 19 | 05:53 | 18:15 | 06:52 | 18:00 | 05:57 | 18:17 | 06:52 | 18:08 | 05:58 | 18:19 | 06:56 | 18:08 |
| 20 | 05:54 | 18:12 | 08:22 | 18:21 | 05:58 | 18:15 | 08:18 | 18:33 | 06:00 | 18:17 | 08:23 | 18:32 |
| 21 | 05:56 | 18:10 | 09:51 | 18:47 | 05:59 | 18:13 | 09:43 | 19:03 | 06:01 | 18:15 | 09:50 | 19:00 |
| 22 | 05:57 | 18:08 | 11:16 | 19:21 | 06:01 | 18:11 | 11:05 | 19:40 | 06:03 | 18:13 | 11:13 | 19:36 |
| 23 | 05:59 | 18:06 | 12:34 | 20:04 | 06:02 | 18:09 | 12:19 | 20:25 | 06:04 | 18:11 | 12:28 | 20:20 |
| 24 | 06:00 | 18:03 | 13:38 | 20:58 | 06:04 | 18:07 | 13:22 | 21:20 | 06:06 | 18:09 | 13:32 | 21:15 |
| 25 | 06:02 | 18:01 | 14:28 | 22:02 | 06:05 | 18:05 | 14:13 | 22:23 | 06:07 | 18:06 | 14:22 | 22:18 |
| 26 | 06:04 | 17:59 | 15:05 | 23:12 | 06:06 | 18:02 | 14:53 | 23:30 | 06:09 | 18:04 | 15:01 | 23:26 |
| 27 | 06:05 | 17:56 | 15:32 | — | 06:08 | 18:00 | 15:23 | — | 06:10 | 18:02 | 15:30 | — |
| 28 | 06:07 | 17:54 | 15:54 | 00:23 | 06:09 | 17:58 | 15:47 | 00:38 | 06:12 | 18:00 | 15:53 | 00:35 |
| 29 | 06:08 | 17:52 | 16:11 | 01:33 | 06:11 | 17:56 | 16:08 | 01:45 | 06:13 | 17:58 | 16:12 | 01:44 |
| 30 | 06:10 | 17:50 | 16:26 | 02:42 | 06:12 | 17:54 | 16:25 | 02:51 | 06:15 | 17:56 | 16:29 | 02:51 |

September 2028

| | ROSTOCK | | | | SAARBRÜCKEN | | | | STUTT GART | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 05:20 | 19:01 | 17:57 | 02:22 | 05:49 | 19:14 | 18:04 | 03:02 | 05:41 | 19:05 | 17:54 | 02:54 |
| 02 | 05:22 | 18:59 | 18:10 | 03:36 | 05:50 | 19:12 | 18:22 | 04:10 | 05:42 | 19:03 | 18:12 | 04:02 |
| 03 | 05:24 | 18:56 | 18:21 | 04:48 | 05:52 | 19:10 | 18:38 | 05:17 | 05:44 | 19:00 | 18:29 | 05:09 |
| 04 | 05:26 | 18:54 | 18:32 | 05:59 | 05:53 | 19:08 | 18:53 | 06:23 | 05:45 | 18:58 | 18:44 | 06:14 |
| 05 | 05:27 | 18:51 | 18:42 | 07:10 | 05:55 | 19:06 | 19:08 | 07:29 | 05:46 | 18:56 | 19:00 | 07:19 |
| 06 | 05:29 | 18:49 | 18:54 | 08:21 | 05:56 | 19:03 | 19:24 | 08:34 | 05:48 | 18:54 | 19:16 | 08:24 |
| 07 | 05:31 | 18:47 | 19:07 | 09:33 | 05:57 | 19:01 | 19:43 | 09:41 | 05:49 | 18:52 | 19:35 | 09:31 |
| 08 | 05:33 | 18:44 | 19:25 | 10:46 | 05:59 | 18:59 | 20:05 | 10:49 | 05:51 | 18:50 | 19:58 | 10:38 |
| 09 | 05:35 | 18:42 | 19:48 | 12:00 | 06:00 | 18:57 | 20:33 | 11:58 | 05:52 | 18:48 | 20:26 | 11:47 |
| 10 | 05:36 | 18:39 | 20:19 | 13:12 | 06:02 | 18:55 | 21:10 | 13:05 | 05:53 | 18:46 | 21:03 | 12:54 |
| 11 | 05:38 | 18:37 | 21:04 | 14:18 | 06:03 | 18:53 | 21:57 | 14:08 | 05:55 | 18:44 | 21:51 | 13:57 |
| 12 | 05:40 | 18:34 | 22:05 | 15:14 | 06:05 | 18:51 | 22:57 | 15:04 | 05:56 | 18:42 | 22:51 | 14:52 |
| 13 | 05:42 | 18:32 | 23:21 | 15:57 | 06:06 | 18:49 | — | 15:50 | 05:58 | 18:40 | — | 15:39 |
| 14 | 05:43 | 18:29 | — | 16:28 | 06:07 | 18:46 | 00:09 | 16:27 | 05:59 | 18:37 | 00:02 | 16:16 |
| 15 | 05:45 | 18:27 | 00:46 | 16:51 | 06:09 | 18:44 | 01:29 | 16:56 | 06:00 | 18:35 | 01:22 | 16:46 |
| 16 | 05:47 | 18:24 | 02:17 | 17:10 | 06:10 | 18:42 | 02:53 | 17:21 | 06:02 | 18:33 | 02:45 | 17:11 |
| 17 | 05:49 | 18:22 | 03:50 | 17:26 | 06:12 | 18:40 | 04:19 | 17:43 | 06:03 | 18:31 | 04:11 | 17:34 |
| 18 | 05:51 | 18:19 | 05:23 | 17:41 | 06:13 | 18:38 | 05:46 | 18:04 | 06:05 | 18:29 | 05:37 | 17:55 |
| 19 | 05:52 | 18:17 | 06:57 | 17:56 | 06:15 | 18:36 | 07:13 | 18:25 | 06:06 | 18:27 | 07:03 | 18:17 |
| 20 | 05:54 | 18:14 | 08:31 | 18:14 | 06:16 | 18:33 | 08:40 | 18:49 | 06:08 | 18:25 | 08:30 | 18:41 |
| 21 | 05:56 | 18:12 | 10:04 | 18:36 | 06:18 | 18:31 | 10:06 | 19:18 | 06:09 | 18:23 | 09:55 | 19:10 |
| 22 | 05:58 | 18:09 | 11:33 | 19:05 | 06:19 | 18:29 | 11:29 | 19:53 | 06:10 | 18:20 | 11:18 | 19:47 |
| 23 | 06:00 | 18:07 | 12:53 | 19:46 | 06:21 | 18:27 | 12:44 | 20:38 | 06:12 | 18:18 | 12:32 | 20:32 |
| 24 | 06:01 | 18:04 | 13:58 | 20:40 | 06:22 | 18:25 | 13:48 | 21:33 | 06:13 | 18:16 | 13:36 | 21:27 |
| 25 | 06:03 | 18:02 | 14:47 | 21:45 | 06:23 | 18:23 | 14:38 | 22:36 | 06:15 | 18:14 | 14:26 | 22:30 |
| 26 | 06:05 | 17:59 | 15:21 | 22:57 | 06:25 | 18:21 | 15:16 | 23:44 | 06:16 | 18:12 | 15:05 | 23:37 |
| 27 | 06:07 | 17:57 | 15:46 | — | 06:26 | 18:18 | 15:46 | — | 06:18 | 18:10 | 15:35 | — |
| 28 | 06:09 | 17:54 | 16:04 | 00:12 | 06:28 | 18:16 | 16:09 | 00:53 | 06:19 | 18:08 | 15:59 | 00:46 |
| 29 | 06:10 | 17:52 | 16:18 | 01:26 | 06:29 | 18:14 | 16:28 | 02:02 | 06:20 | 18:06 | 16:18 | 01:54 |
| 30 | 06:12 | 17:49 | 16:30 | 02:38 | 06:31 | 18:12 | 16:45 | 03:09 | 06:22 | 18:03 | 16:36 | 03:00 |

OKTOBER 2028

HAUPTKALENDARIUM

| Datum | Jahres- tag | Kalen- der- wo- che | Sonn- und Feiertage | Son- nen- lauf | Mondlauf | | |
|--------------|----------------|------------------------------|---------------------------------------|----------------------|----------|--------------------------|--|
| | | | | | Phase | Länge im Tierkreis | Mondwenden Entfernung Mondknoten |
| 01 So | 275 | | Erntedanktag; 16. So. nach Tr. | | | ♃ 09° | Erdferne |
| 02 Mo | 276 | 40 | Tag der Dt. Einheit Quatemberwoche | ○ | ♃ 20° | | |
| 03 Di | 277 | | | | ♃ 02° | | |
| 04 Mi | 278 | | | | ♃ 14° | | |
| 05 Do | 279 | | | | ♃ 26° | | |
| 06 Fr | 280 | | | | ♃ 08° | | |
| 07 Sa | 281 | | | | ♃ 21° | | |
| 08 So | 282 | | | | | | 17. So. nach Trinitatis |
| 09 Mo | 283 | 41 | | ● | ♃ 16° | Nordw. ♃ | |
| 10 Di | 284 | | | | ♃ 28° | | |
| 11 Mi | 285 | | | | ♃ 11° | | |
| 12 Do | 286 | | | | ♃ 25° | | |
| 13 Fr | 287 | | | | ♃ 09° | | |
| 14 Sa | 288 | | | | ♃ 23° | | |
| 15 So | 289 | | 18. So. nach Trinitatis | | ♃ 08° | | |
| 16 Mo | 290 | 42 | | ● | ♃ 22° | Erdnähe | |
| 17 Di | 291 | | | | ♃ 08° | | |
| 18 Mi | 292 | | | | ♃ 23° | | |
| 19 Do | 293 | | | | ♃ 08° | | |
| 20 Fr | 294 | | | | ♃ 22° | | |
| 21 Sa | 295 | | | | ♃ 07° | | Südw. |
| 22 So | 296 | | 19. So. nach Trinitatis | ♃*) | ♃ 21° | | |
| 23 Mo | 297 | 43 | | ● | ♃ 04° | ♃ | |
| 24 Di | 298 | | | | ♃ 17° | | |
| 25 Mi | 299 | | | | ♃ 29° | | |
| 26 Do | 300 | | | | ♃ 11° | | |
| 27 Fr | 301 | | | | ♃ 23° | | |
| 28 Sa | 302 | | | | ♃ 05° | | |
| 29 So | 303 | | | | | | 20. So. nach Trinitatis |
| 30 Mo | 304 | 44 | Gedenktag der Reformation | | ♃ 29° | | |
| 31 Di | 305 | | | | ♃ 11° | | |

*) Am 22. Oktober um 22:13 Uhr MEZ tritt die Sonne ins Zeichen Skorpion (♃) ein.

Oktober 2028

| | KASSEL | | | | BERLIN | | | | BREMEN | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 06:23 | 17:59 | 16:51 | 04:02 | 06:08 | 17:43 | 16:35 | 03:45 | 06:27 | 18:01 | 16:54 | 04:04 |
| 02 | 06:25 | 17:57 | 17:04 | 05:10 | 06:10 | 17:40 | 16:48 | 04:54 | 06:29 | 17:58 | 17:06 | 05:13 |
| 03 | 06:26 | 17:54 | 17:18 | 06:17 | 06:12 | 17:38 | 17:01 | 06:03 | 06:30 | 17:56 | 17:18 | 06:22 |
| 04 | 06:28 | 17:52 | 17:35 | 07:26 | 06:13 | 17:36 | 17:16 | 07:12 | 06:32 | 17:54 | 17:33 | 07:33 |
| 05 | 06:30 | 17:50 | 17:54 | 08:36 | 06:15 | 17:33 | 17:34 | 08:24 | 06:34 | 17:51 | 17:50 | 08:45 |
| 06 | 06:31 | 17:48 | 18:18 | 09:46 | 06:17 | 17:31 | 17:57 | 09:36 | 06:36 | 17:49 | 18:13 | 09:57 |
| 07 | 06:33 | 17:45 | 18:50 | 10:56 | 06:19 | 17:29 | 18:27 | 10:46 | 06:38 | 17:46 | 18:43 | 11:09 |
| 08 | 06:35 | 17:43 | 19:33 | 12:01 | 06:20 | 17:26 | 19:09 | 11:53 | 06:39 | 17:44 | 19:24 | 12:16 |
| 09 | 06:36 | 17:41 | 20:27 | 12:59 | 06:22 | 17:24 | 20:03 | 12:51 | 06:41 | 17:42 | 20:19 | 13:13 |
| 10 | 06:38 | 17:39 | 21:34 | 13:46 | 06:24 | 17:22 | 21:11 | 13:38 | 06:43 | 17:40 | 21:27 | 14:00 |
| 11 | 06:40 | 17:37 | 22:50 | 14:23 | 06:26 | 17:20 | 22:28 | 14:14 | 06:45 | 17:37 | 22:45 | 14:35 |
| 12 | 06:41 | 17:35 | — | 14:53 | 06:27 | 17:17 | 23:52 | 14:41 | 06:46 | 17:35 | — | 15:02 |
| 13 | 06:43 | 17:32 | 00:12 | 15:16 | 06:29 | 17:15 | — | 15:03 | 06:48 | 17:33 | 00:09 | 15:23 |
| 14 | 06:45 | 17:30 | 01:37 | 15:36 | 06:31 | 17:13 | 01:18 | 15:22 | 06:50 | 17:30 | 01:36 | 15:41 |
| 15 | 06:46 | 17:28 | 03:03 | 15:54 | 06:33 | 17:11 | 02:45 | 15:39 | 06:52 | 17:28 | 03:04 | 15:57 |
| 16 | 06:48 | 17:26 | 04:30 | 16:13 | 06:35 | 17:09 | 04:14 | 15:56 | 06:54 | 17:26 | 04:34 | 16:14 |
| 17 | 06:50 | 17:24 | 05:58 | 16:33 | 06:36 | 17:06 | 05:44 | 16:15 | 06:56 | 17:24 | 06:05 | 16:32 |
| 18 | 06:52 | 17:22 | 07:28 | 16:57 | 06:38 | 17:04 | 07:15 | 16:37 | 06:57 | 17:21 | 07:37 | 16:54 |
| 19 | 06:53 | 17:20 | 08:57 | 17:28 | 06:40 | 17:02 | 08:46 | 17:06 | 06:59 | 17:19 | 09:08 | 17:22 |
| 20 | 06:55 | 17:18 | 10:20 | 18:07 | 06:42 | 17:00 | 10:11 | 17:44 | 07:01 | 17:17 | 10:34 | 17:59 |
| 21 | 06:57 | 17:16 | 11:33 | 18:59 | 06:44 | 16:58 | 11:24 | 18:35 | 07:03 | 17:15 | 11:47 | 18:50 |
| 22 | 06:58 | 17:14 | 12:30 | 20:01 | 06:45 | 16:56 | 12:22 | 19:37 | 07:05 | 17:13 | 12:45 | 19:52 |
| 23 | 07:00 | 17:12 | 13:13 | 21:10 | 06:47 | 16:54 | 13:04 | 20:47 | 07:07 | 17:11 | 13:26 | 21:03 |
| 24 | 07:02 | 17:10 | 13:45 | 22:22 | 06:49 | 16:52 | 13:35 | 22:01 | 07:08 | 17:09 | 13:56 | 22:17 |
| 25 | 07:04 | 17:08 | 14:09 | 23:34 | 06:51 | 16:50 | 13:57 | 23:14 | 07:10 | 17:06 | 14:18 | 23:31 |
| 26 | 07:05 | 17:06 | 14:28 | — | 06:53 | 16:48 | 14:15 | — | 07:12 | 17:04 | 14:35 | — |
| 27 | 07:07 | 17:04 | 14:43 | 00:44 | 06:54 | 16:46 | 14:29 | 00:25 | 07:14 | 17:02 | 14:49 | 00:43 |
| 28 | 07:09 | 17:02 | 14:57 | 01:52 | 06:56 | 16:44 | 14:43 | 01:34 | 07:16 | 17:00 | 15:01 | 01:53 |
| 29 | 07:11 | 17:00 | 15:11 | 02:59 | 06:58 | 16:42 | 14:55 | 02:43 | 07:18 | 16:58 | 15:13 | 03:02 |
| 30 | 07:12 | 16:58 | 15:25 | 04:06 | 07:00 | 16:40 | 15:08 | 03:51 | 07:20 | 16:56 | 15:26 | 04:11 |
| 31 | 07:14 | 16:56 | 15:41 | 05:15 | 07:02 | 16:38 | 15:23 | 05:01 | 07:22 | 16:54 | 15:40 | 05:21 |

In +50° geogr. Breite: Dauer der bürgerlichen Dämmerung am 15. Okt. 33m.
Tagesl. am 1. Okt. 11h37m, am 31. Okt. 9h49m; somit Abnahme der Tagesl. im Okt. 1h48m.

Oktober 2028

| | DRESDEN | | | | FRANKFURT/M. | | | | FREIBURG | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 06:06 | 17:42 | 16:34 | 03:45 | 06:26 | 18:03 | 16:54 | 04:07 | 06:28 | 18:07 | 16:57 | 04:12 |
| 02 | 06:08 | 17:40 | 16:47 | 04:52 | 06:27 | 18:01 | 17:08 | 05:13 | 06:30 | 18:05 | 17:13 | 05:16 |
| 03 | 06:09 | 17:38 | 17:02 | 05:59 | 06:29 | 17:58 | 17:24 | 06:19 | 06:31 | 18:03 | 17:30 | 06:20 |
| 04 | 06:11 | 17:35 | 17:18 | 07:07 | 06:31 | 17:56 | 17:41 | 07:27 | 06:33 | 18:01 | 17:49 | 07:26 |
| 05 | 06:13 | 17:33 | 17:38 | 08:17 | 06:32 | 17:54 | 18:01 | 08:35 | 06:34 | 17:59 | 18:12 | 08:32 |
| 06 | 06:14 | 17:31 | 18:02 | 09:27 | 06:34 | 17:52 | 18:27 | 09:45 | 06:35 | 17:57 | 18:39 | 09:40 |
| 07 | 06:16 | 17:29 | 18:34 | 10:37 | 06:35 | 17:50 | 19:00 | 10:53 | 06:37 | 17:55 | 19:14 | 10:46 |
| 08 | 06:17 | 17:27 | 19:17 | 11:42 | 06:37 | 17:48 | 19:43 | 11:58 | 06:38 | 17:53 | 19:58 | 11:50 |
| 09 | 06:19 | 17:24 | 20:11 | 12:40 | 06:38 | 17:46 | 20:38 | 12:55 | 06:40 | 17:51 | 20:53 | 12:47 |
| 10 | 06:21 | 17:22 | 21:18 | 13:27 | 06:40 | 17:43 | 21:44 | 13:43 | 06:41 | 17:49 | 21:58 | 13:36 |
| 11 | 06:22 | 17:20 | 22:34 | 14:05 | 06:42 | 17:41 | 22:59 | 14:21 | 06:43 | 17:47 | 23:11 | 14:15 |
| 12 | 06:24 | 17:18 | 23:55 | 14:34 | 06:43 | 17:39 | — | 14:52 | 06:44 | 17:45 | — | 14:48 |
| 13 | 06:26 | 17:16 | — | 14:58 | 06:45 | 17:37 | 00:20 | 15:16 | 06:46 | 17:43 | 00:30 | 15:15 |
| 14 | 06:27 | 17:14 | 01:19 | 15:18 | 06:46 | 17:35 | 01:43 | 15:38 | 06:47 | 17:41 | 01:50 | 15:38 |
| 15 | 06:29 | 17:12 | 02:45 | 15:37 | 06:48 | 17:33 | 03:07 | 15:57 | 06:48 | 17:39 | 03:12 | 16:01 |
| 16 | 06:31 | 17:09 | 04:12 | 15:56 | 06:50 | 17:31 | 04:33 | 16:17 | 06:50 | 17:37 | 04:35 | 16:23 |
| 17 | 06:32 | 17:07 | 05:40 | 16:16 | 06:51 | 17:29 | 06:00 | 16:39 | 06:51 | 17:36 | 06:00 | 16:47 |
| 18 | 06:34 | 17:05 | 07:09 | 16:41 | 06:53 | 17:27 | 07:28 | 17:05 | 06:53 | 17:34 | 07:25 | 17:15 |
| 19 | 06:36 | 17:03 | 08:38 | 17:11 | 06:54 | 17:25 | 08:55 | 17:37 | 06:54 | 17:32 | 08:50 | 17:49 |
| 20 | 06:38 | 17:01 | 10:01 | 17:51 | 06:56 | 17:23 | 10:17 | 18:17 | 06:56 | 17:30 | 10:10 | 18:32 |
| 21 | 06:39 | 16:59 | 11:13 | 18:43 | 06:58 | 17:21 | 11:29 | 19:09 | 06:57 | 17:28 | 11:20 | 19:24 |
| 22 | 06:41 | 16:57 | 12:11 | 19:45 | 06:59 | 17:19 | 12:26 | 20:11 | 06:59 | 17:26 | 12:18 | 20:26 |
| 23 | 06:43 | 16:55 | 12:54 | 20:54 | 07:01 | 17:17 | 13:10 | 21:20 | 07:00 | 17:25 | 13:03 | 21:33 |
| 24 | 06:44 | 16:53 | 13:26 | 22:06 | 07:03 | 17:15 | 13:43 | 22:31 | 07:02 | 17:23 | 13:38 | 22:42 |
| 25 | 06:46 | 16:51 | 13:51 | 23:17 | 07:04 | 17:14 | 14:08 | 23:41 | 07:03 | 17:21 | 14:05 | 23:51 |
| 26 | 06:48 | 16:50 | 14:10 | — | 07:06 | 17:12 | 14:28 | — | 07:05 | 17:19 | 14:27 | — |
| 27 | 06:50 | 16:48 | 14:26 | 00:27 | 07:08 | 17:10 | 14:45 | 00:50 | 07:06 | 17:18 | 14:45 | 00:57 |
| 28 | 06:51 | 16:46 | 14:40 | 01:35 | 07:09 | 17:08 | 15:00 | 01:57 | 07:08 | 17:16 | 15:02 | 02:02 |
| 29 | 06:53 | 16:44 | 14:54 | 02:42 | 07:11 | 17:06 | 15:15 | 03:03 | 07:09 | 17:14 | 15:19 | 03:06 |
| 30 | 06:55 | 16:42 | 15:09 | 03:48 | 07:13 | 17:05 | 15:30 | 04:09 | 07:11 | 17:13 | 15:36 | 04:10 |
| 31 | 06:56 | 16:40 | 15:24 | 04:56 | 07:14 | 17:03 | 15:47 | 05:16 | 07:13 | 17:11 | 15:55 | 05:15 |

Oktober 2028

| | HAMBURG | | | | HANNOVER | | | | KÖLN | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 06:22 | 17:56 | 16:49 | 03:59 | 06:23 | 17:57 | 16:50 | 04:01 | 06:33 | 18:09 | 17:01 | 04:13 |
| 02 | 06:24 | 17:53 | 17:01 | 05:08 | 06:24 | 17:55 | 17:02 | 05:09 | 06:35 | 18:07 | 17:15 | 05:20 |
| 03 | 06:26 | 17:51 | 17:13 | 06:18 | 06:26 | 17:53 | 17:16 | 06:18 | 06:36 | 18:05 | 17:29 | 06:27 |
| 04 | 06:28 | 17:48 | 17:26 | 07:29 | 06:28 | 17:50 | 17:31 | 07:27 | 06:38 | 18:03 | 17:46 | 07:36 |
| 05 | 06:30 | 17:46 | 17:43 | 08:42 | 06:30 | 17:48 | 17:49 | 08:38 | 06:40 | 18:00 | 18:06 | 08:45 |
| 06 | 06:31 | 17:44 | 18:05 | 09:55 | 06:31 | 17:46 | 18:12 | 09:50 | 06:41 | 17:58 | 18:30 | 09:55 |
| 07 | 06:33 | 17:41 | 18:35 | 11:07 | 06:33 | 17:43 | 18:43 | 11:01 | 06:43 | 17:56 | 19:03 | 11:05 |
| 08 | 06:35 | 17:39 | 19:16 | 12:14 | 06:35 | 17:41 | 19:25 | 12:07 | 06:45 | 17:54 | 19:45 | 12:10 |
| 09 | 06:37 | 17:37 | 20:10 | 13:12 | 06:37 | 17:39 | 20:19 | 13:05 | 06:46 | 17:52 | 20:40 | 13:07 |
| 10 | 06:39 | 17:34 | 21:18 | 13:58 | 06:38 | 17:37 | 21:27 | 13:52 | 06:48 | 17:49 | 21:47 | 13:55 |
| 11 | 06:41 | 17:32 | 22:37 | 14:33 | 06:40 | 17:34 | 22:44 | 14:28 | 06:49 | 17:47 | 23:03 | 14:32 |
| 12 | 06:42 | 17:30 | — | 14:59 | 06:42 | 17:32 | — | 14:56 | 06:51 | 17:45 | — | 15:01 |
| 13 | 06:44 | 17:27 | 00:02 | 15:20 | 06:44 | 17:30 | 00:07 | 15:18 | 06:53 | 17:43 | 00:24 | 15:25 |
| 14 | 06:46 | 17:25 | 01:30 | 15:37 | 06:45 | 17:28 | 01:33 | 15:36 | 06:54 | 17:41 | 01:48 | 15:46 |
| 15 | 06:48 | 17:23 | 02:59 | 15:53 | 06:47 | 17:26 | 03:01 | 15:54 | 06:56 | 17:39 | 03:14 | 16:05 |
| 16 | 06:50 | 17:20 | 04:29 | 16:08 | 06:49 | 17:23 | 04:29 | 16:11 | 06:58 | 17:37 | 04:40 | 16:24 |
| 17 | 06:52 | 17:18 | 06:01 | 16:26 | 06:51 | 17:21 | 05:59 | 16:30 | 06:59 | 17:35 | 06:08 | 16:44 |
| 18 | 06:54 | 17:16 | 07:33 | 16:47 | 06:52 | 17:19 | 07:30 | 16:52 | 07:01 | 17:33 | 07:38 | 17:09 |
| 19 | 06:55 | 17:14 | 09:05 | 17:14 | 06:54 | 17:17 | 09:01 | 17:21 | 07:03 | 17:31 | 09:06 | 17:40 |
| 20 | 06:57 | 17:11 | 10:32 | 17:51 | 06:56 | 17:15 | 10:25 | 18:00 | 07:04 | 17:29 | 10:29 | 18:20 |
| 21 | 06:59 | 17:09 | 11:46 | 18:41 | 06:58 | 17:13 | 11:38 | 18:51 | 07:06 | 17:27 | 11:41 | 19:11 |
| 22 | 07:01 | 17:07 | 12:43 | 19:44 | 07:00 | 17:11 | 12:36 | 19:53 | 07:08 | 17:25 | 12:38 | 20:14 |
| 23 | 07:03 | 17:05 | 13:24 | 20:55 | 07:01 | 17:08 | 13:18 | 21:03 | 07:09 | 17:23 | 13:22 | 21:23 |
| 24 | 07:05 | 17:03 | 13:54 | 22:10 | 07:03 | 17:06 | 13:49 | 22:17 | 07:11 | 17:21 | 13:54 | 22:35 |
| 25 | 07:07 | 17:01 | 14:15 | 23:24 | 07:05 | 17:04 | 14:12 | 23:30 | 07:13 | 17:19 | 14:18 | 23:46 |
| 26 | 07:09 | 16:58 | 14:31 | — | 07:07 | 17:02 | 14:29 | — | 07:15 | 17:17 | 14:37 | — |
| 27 | 07:11 | 16:56 | 14:45 | 00:37 | 07:09 | 17:00 | 14:44 | 00:41 | 07:16 | 17:15 | 14:53 | 00:55 |
| 28 | 07:12 | 16:54 | 14:57 | 01:47 | 07:10 | 16:58 | 14:57 | 01:50 | 07:18 | 17:13 | 15:08 | 02:03 |
| 29 | 07:14 | 16:52 | 15:08 | 02:57 | 07:12 | 16:57 | 15:10 | 02:58 | 07:20 | 17:11 | 15:22 | 03:10 |
| 30 | 07:16 | 16:50 | 15:20 | 04:06 | 07:14 | 16:55 | 15:23 | 04:06 | 07:21 | 17:09 | 15:36 | 04:17 |
| 31 | 07:18 | 16:48 | 15:34 | 05:17 | 07:16 | 16:53 | 15:38 | 05:16 | 07:23 | 17:08 | 15:52 | 05:24 |

Oktober 2028

| | LEIPZIG | | | | MÜNCHEN | | | | NÜRNBERG | | | |
|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|----------|-----------|---------|-----------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Datum | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang |
| 01 | 06:12 | 17:47 | 16:39 | 03:50 | 06:13 | 17:52 | 16:42 | 03:56 | 06:16 | 17:54 | 16:44 | 03:57 |
| 02 | 06:13 | 17:45 | 16:53 | 04:58 | 06:15 | 17:50 | 16:58 | 05:00 | 06:18 | 17:51 | 16:59 | 05:03 |
| 03 | 06:15 | 17:43 | 17:07 | 06:05 | 06:16 | 17:48 | 17:15 | 06:05 | 06:19 | 17:49 | 17:15 | 06:08 |
| 04 | 06:17 | 17:41 | 17:23 | 07:14 | 06:18 | 17:46 | 17:34 | 07:10 | 06:21 | 17:47 | 17:33 | 07:15 |
| 05 | 06:18 | 17:38 | 17:42 | 08:24 | 06:19 | 17:44 | 17:56 | 08:17 | 06:22 | 17:45 | 17:54 | 08:23 |
| 06 | 06:20 | 17:36 | 18:07 | 09:34 | 06:21 | 17:42 | 18:23 | 09:25 | 06:24 | 17:43 | 18:20 | 09:32 |
| 07 | 06:22 | 17:34 | 18:38 | 10:44 | 06:22 | 17:40 | 18:58 | 10:32 | 06:25 | 17:41 | 18:54 | 10:40 |
| 08 | 06:23 | 17:32 | 19:21 | 11:50 | 06:23 | 17:38 | 19:42 | 11:35 | 06:27 | 17:39 | 19:37 | 11:44 |
| 09 | 06:25 | 17:30 | 20:15 | 12:47 | 06:25 | 17:36 | 20:37 | 12:32 | 06:28 | 17:37 | 20:32 | 12:41 |
| 10 | 06:27 | 17:27 | 21:22 | 13:35 | 06:26 | 17:34 | 21:42 | 13:21 | 06:30 | 17:35 | 21:37 | 13:30 |
| 11 | 06:28 | 17:25 | 22:38 | 14:12 | 06:28 | 17:32 | 22:55 | 14:01 | 06:31 | 17:33 | 22:52 | 14:08 |
| 12 | 06:30 | 17:23 | — | 14:41 | 06:29 | 17:30 | — | 14:33 | 06:33 | 17:31 | — | 14:39 |
| 13 | 06:32 | 17:21 | 00:00 | 15:04 | 06:31 | 17:28 | 00:13 | 15:00 | 06:34 | 17:28 | 00:12 | 15:05 |
| 14 | 06:33 | 17:19 | 01:24 | 15:24 | 06:32 | 17:26 | 01:34 | 15:23 | 06:36 | 17:26 | 01:34 | 15:27 |
| 15 | 06:35 | 17:17 | 02:50 | 15:43 | 06:34 | 17:24 | 02:56 | 15:45 | 06:37 | 17:24 | 02:57 | 15:48 |
| 16 | 06:37 | 17:14 | 04:18 | 16:01 | 06:35 | 17:22 | 04:20 | 16:07 | 06:39 | 17:22 | 04:22 | 16:08 |
| 17 | 06:38 | 17:12 | 05:46 | 16:21 | 06:37 | 17:20 | 05:44 | 16:31 | 06:41 | 17:21 | 05:48 | 16:31 |
| 18 | 06:40 | 17:10 | 07:16 | 16:45 | 06:38 | 17:19 | 07:10 | 16:59 | 06:42 | 17:19 | 07:16 | 16:57 |
| 19 | 06:42 | 17:08 | 08:45 | 17:16 | 06:40 | 17:17 | 08:35 | 17:33 | 06:44 | 17:17 | 08:42 | 17:30 |
| 20 | 06:43 | 17:06 | 10:08 | 17:55 | 06:41 | 17:15 | 09:55 | 18:16 | 06:45 | 17:15 | 10:03 | 18:11 |
| 21 | 06:45 | 17:04 | 11:21 | 18:46 | 06:43 | 17:13 | 11:06 | 19:08 | 06:47 | 17:13 | 11:15 | 19:03 |
| 22 | 06:47 | 17:02 | 12:18 | 19:49 | 06:44 | 17:11 | 12:04 | 20:10 | 06:49 | 17:11 | 12:13 | 20:05 |
| 23 | 06:49 | 17:00 | 13:02 | 20:58 | 06:46 | 17:09 | 12:49 | 21:17 | 06:50 | 17:09 | 12:57 | 21:13 |
| 24 | 06:50 | 16:58 | 13:33 | 22:10 | 06:47 | 17:08 | 13:23 | 22:26 | 06:52 | 17:07 | 13:30 | 22:23 |
| 25 | 06:52 | 16:56 | 13:57 | 23:22 | 06:49 | 17:06 | 13:50 | 23:35 | 06:53 | 17:05 | 13:56 | 23:33 |
| 26 | 06:54 | 16:54 | 14:16 | — | 06:50 | 17:04 | 14:12 | — | 06:55 | 17:04 | 14:17 | — |
| 27 | 06:56 | 16:52 | 14:32 | 00:32 | 06:52 | 17:03 | 14:31 | 00:41 | 06:57 | 17:02 | 14:34 | 00:41 |
| 28 | 06:57 | 16:51 | 14:46 | 01:40 | 06:53 | 17:01 | 14:48 | 01:47 | 06:58 | 17:00 | 14:50 | 01:47 |
| 29 | 06:59 | 16:49 | 15:00 | 02:47 | 06:55 | 16:59 | 15:04 | 02:51 | 07:00 | 16:58 | 15:05 | 02:53 |
| 30 | 07:01 | 16:47 | 15:14 | 03:54 | 06:56 | 16:58 | 15:21 | 03:55 | 07:01 | 16:57 | 15:21 | 03:58 |
| 31 | 07:03 | 16:45 | 15:29 | 05:03 | 06:58 | 16:56 | 15:39 | 05:00 | 07:03 | 16:55 | 15:39 | 05:04 |

Oktober 2028

| | ROSTOCK | | | | SAARBRÜCKEN | | | | STUTT GART | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 06:14 | 17:47 | 16:41 | 03:49 | 06:32 | 18:10 | 17:00 | 04:14 | 06:23 | 18:01 | 16:51 | 04:06 |
| 02 | 06:16 | 17:44 | 16:52 | 04:59 | 06:34 | 18:08 | 17:16 | 05:20 | 06:25 | 17:59 | 17:07 | 05:10 |
| 03 | 06:18 | 17:42 | 17:03 | 06:10 | 06:35 | 18:06 | 17:32 | 06:25 | 06:26 | 17:57 | 17:24 | 06:16 |
| 04 | 06:20 | 17:39 | 17:16 | 07:22 | 06:37 | 18:04 | 17:50 | 07:32 | 06:28 | 17:55 | 17:42 | 07:22 |
| 05 | 06:21 | 17:37 | 17:32 | 08:35 | 06:38 | 18:01 | 18:11 | 08:40 | 06:29 | 17:53 | 18:04 | 08:29 |
| 06 | 06:23 | 17:35 | 17:54 | 09:49 | 06:40 | 17:59 | 18:38 | 09:48 | 06:31 | 17:51 | 18:31 | 09:37 |
| 07 | 06:25 | 17:32 | 18:23 | 11:01 | 06:41 | 17:57 | 19:11 | 10:56 | 06:32 | 17:49 | 19:05 | 10:45 |
| 08 | 06:27 | 17:30 | 19:03 | 12:09 | 06:43 | 17:55 | 19:55 | 12:00 | 06:34 | 17:47 | 19:48 | 11:48 |
| 09 | 06:29 | 17:27 | 19:57 | 13:07 | 06:44 | 17:53 | 20:50 | 12:57 | 06:35 | 17:45 | 20:43 | 12:46 |
| 10 | 06:31 | 17:25 | 21:06 | 13:53 | 06:46 | 17:51 | 21:56 | 13:45 | 06:37 | 17:43 | 21:49 | 13:34 |
| 11 | 06:33 | 17:23 | 22:25 | 14:27 | 06:47 | 17:49 | 23:10 | 14:24 | 06:38 | 17:41 | 23:03 | 14:13 |
| 12 | 06:35 | 17:20 | 23:51 | 14:53 | 06:49 | 17:47 | — | 14:55 | 06:40 | 17:39 | — | 14:45 |
| 13 | 06:36 | 17:18 | — | 15:13 | 06:50 | 17:45 | 00:29 | 15:21 | 06:41 | 17:37 | 00:22 | 15:11 |
| 14 | 06:38 | 17:15 | 01:19 | 15:29 | 06:52 | 17:43 | 01:52 | 15:43 | 06:43 | 17:35 | 01:43 | 15:34 |
| 15 | 06:40 | 17:13 | 02:49 | 15:44 | 06:54 | 17:41 | 03:15 | 16:04 | 06:44 | 17:33 | 03:06 | 15:55 |
| 16 | 06:42 | 17:11 | 04:20 | 15:59 | 06:55 | 17:39 | 04:39 | 16:25 | 06:46 | 17:31 | 04:30 | 16:17 |
| 17 | 06:44 | 17:08 | 05:53 | 16:16 | 06:57 | 17:37 | 06:05 | 16:48 | 06:47 | 17:29 | 05:55 | 16:40 |
| 18 | 06:46 | 17:06 | 07:26 | 16:36 | 06:58 | 17:35 | 07:32 | 17:14 | 06:49 | 17:27 | 07:22 | 17:07 |
| 19 | 06:48 | 17:04 | 08:59 | 17:02 | 07:00 | 17:33 | 08:58 | 17:47 | 06:50 | 17:25 | 08:47 | 17:40 |
| 20 | 06:50 | 17:02 | 10:26 | 17:39 | 07:01 | 17:31 | 10:20 | 18:29 | 06:52 | 17:23 | 10:08 | 18:22 |
| 21 | 06:52 | 16:59 | 11:41 | 18:28 | 07:03 | 17:30 | 11:31 | 19:21 | 06:53 | 17:22 | 11:19 | 19:15 |
| 22 | 06:54 | 16:57 | 12:38 | 19:31 | 07:04 | 17:28 | 12:28 | 20:23 | 06:55 | 17:20 | 12:17 | 20:16 |
| 23 | 06:56 | 16:55 | 13:19 | 20:43 | 07:06 | 17:26 | 13:13 | 21:31 | 06:57 | 17:18 | 13:02 | 21:24 |
| 24 | 06:58 | 16:53 | 13:48 | 21:58 | 07:08 | 17:24 | 13:46 | 22:41 | 06:58 | 17:16 | 13:36 | 22:34 |
| 25 | 06:59 | 16:51 | 14:08 | 23:13 | 07:09 | 17:22 | 14:12 | 23:51 | 07:00 | 17:14 | 14:02 | 23:43 |
| 26 | 07:01 | 16:49 | 14:24 | — | 07:11 | 17:20 | 14:33 | — | 07:01 | 17:13 | 14:23 | — |
| 27 | 07:03 | 16:46 | 14:37 | 00:27 | 07:12 | 17:19 | 14:51 | 00:59 | 07:03 | 17:11 | 14:41 | 00:50 |
| 28 | 07:05 | 16:44 | 14:49 | 01:38 | 07:14 | 17:17 | 15:07 | 02:05 | 07:04 | 17:09 | 14:58 | 01:56 |
| 29 | 07:07 | 16:42 | 14:59 | 02:48 | 07:16 | 17:15 | 15:22 | 03:10 | 07:06 | 17:07 | 15:13 | 03:01 |
| 30 | 07:09 | 16:40 | 15:11 | 03:58 | 07:17 | 17:13 | 15:38 | 04:15 | 07:07 | 17:06 | 15:30 | 04:06 |
| 31 | 07:11 | 16:38 | 15:24 | 05:09 | 07:19 | 17:12 | 15:56 | 05:21 | 07:09 | 17:04 | 15:48 | 05:11 |

NOVEMBER 2028

HAUPTKALENDARIUM

| Datum | Wochentag | Jahres-tag | Kalen-der-woche | Sonn- und Feiertage | Sonnen-lauf | Mondlauf | | | |
|-----------|-----------|------------|-----------------|----------------------------------|-------------|----------|-----------------------------------|--|-------|
| | | | | | | Phase | Länge im Tierkreis | Mondwenden Entfernung Mondknoten | |
| 01 | Mi | 306 | | Allerheiligen Allerseelen | | ○ | ♈ 23° | | |
| 02 | Do | 307 | | | | | ♉ 05° | | |
| 03 | Fr | 308 | | | | | ♊ 18° | | |
| 04 | Sa | 309 | | | | | ♋ 00° | | |
| 05 | So | 310 | | 21. So. nach Trinitatis | | | ♌ 13° | Nordw. | |
| 06 | Mo | 311 | 45 | | | | ♌ 25° | ♍ | |
| 07 | Di | 312 | | | | | ♍ 08° | | |
| 08 | Mi | 313 | | | | | ♎ 22° | | |
| 09 | Do | 314 | | | | | ♏ 05° | | |
| 10 | Fr | 315 | | | | | ♐ 19° | | |
| 11 | Sa | 316 | | | | | Martinstag | | ♑ 03° |
| 12 | So | 317 | | | | | Drittletzter So. d. Kirchenjahres | | ♒ 17° |
| 13 | Mo | 318 | 46 | | | | ♓ 02° | Erdnähe | |
| 14 | Di | 319 | | | | | ♐ 17° | | |
| 15 | Mi | 320 | | | | | ♑ 01° | | |
| 16 | Do | 321 | | | | | ♒ 16° | | |
| 17 | Fr | 322 | | | | | ♓ 01° | | |
| 18 | Sa | 323 | | | | | ♐ 15° | | Südw. |
| 19 | So | 324 | | Vorl. So. d. Kj.; Volkstrauertag | | | ♑ 28° | | |
| 20 | Mo | 325 | 47 | | x*) | | ♒ 12° | ♓ | |
| 21 | Di | 326 | | | | | ♓ 25° | | |
| 22 | Mi | 327 | | | | | ♐ 07° | | |
| 23 | Do | 328 | | | | | ♑ 20° | | |
| 24 | Fr | 329 | | | | | ♒ 02° | | |
| 25 | Sa | 330 | | | | | Buß- und Betttag | | ♓ 14° |
| 26 | So | 331 | | Letzter So. d. Kirchenjahres 1) | | | ♐ 25° | Erdferne | |
| 27 | Mo | 332 | 48 | | | | ♑ 07° | | |
| 28 | Di | 333 | | | | | ♒ 19° | | |
| 29 | Mi | 334 | | | | | ♓ 01° | | |
| 30 | Do | 335 | | | | | ♐ 14° | | |

*) Am 21. November um 19:54 Uhr MEZ tritt die Sonne ins Zeichen Schütze (♐)

1) Der letzte Sonntag des Kirchenjahres wird meistens als Ewigkeits- oder Totensonntag begangen.

November 2028

| | KASSEL | | | | BERLIN | | | | BREMEN | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 07:16 | 16:55 | 16:00 | 06:24 | 07:04 | 16:36 | 15:40 | 06:12 | 07:23 | 16:53 | 15:56 | 06:33 |
| 02 | 07:17 | 16:53 | 16:23 | 07:35 | 07:05 | 16:34 | 16:02 | 07:24 | 07:25 | 16:51 | 16:18 | 07:45 |
| 03 | 07:19 | 16:51 | 16:53 | 08:46 | 07:07 | 16:32 | 16:30 | 08:36 | 07:27 | 16:49 | 16:46 | 08:58 |
| 04 | 07:21 | 16:49 | 17:32 | 09:53 | 07:09 | 16:30 | 17:09 | 09:44 | 07:29 | 16:47 | 17:24 | 10:07 |
| 05 | 07:23 | 16:48 | 18:24 | 10:54 | 07:11 | 16:29 | 18:00 | 10:45 | 07:31 | 16:45 | 18:15 | 11:08 |
| 06 | 07:25 | 16:46 | 19:27 | 11:44 | 07:13 | 16:27 | 19:04 | 11:35 | 07:33 | 16:43 | 19:19 | 11:58 |
| 07 | 07:26 | 16:45 | 20:40 | 12:24 | 07:15 | 16:25 | 20:18 | 12:14 | 07:35 | 16:42 | 20:34 | 12:36 |
| 08 | 07:28 | 16:43 | 21:59 | 12:55 | 07:16 | 16:23 | 21:38 | 12:44 | 07:37 | 16:40 | 21:55 | 13:05 |
| 09 | 07:30 | 16:41 | 23:20 | 13:19 | 07:18 | 16:22 | 23:00 | 13:07 | 07:38 | 16:38 | 23:18 | 13:27 |
| 10 | 07:32 | 16:40 | — | 13:40 | 07:20 | 16:20 | — | 13:26 | 07:40 | 16:37 | — | 13:46 |
| 11 | 07:33 | 16:38 | 00:42 | 13:58 | 07:22 | 16:19 | 00:24 | 13:43 | 07:42 | 16:35 | 00:43 | 14:02 |
| 12 | 07:35 | 16:37 | 02:05 | 14:16 | 07:24 | 16:17 | 01:49 | 13:59 | 07:44 | 16:33 | 02:08 | 14:17 |
| 13 | 07:37 | 16:35 | 03:30 | 14:34 | 07:25 | 16:16 | 03:15 | 14:17 | 07:46 | 16:32 | 03:35 | 14:34 |
| 14 | 07:38 | 16:34 | 04:56 | 14:56 | 07:27 | 16:14 | 04:43 | 14:37 | 07:48 | 16:30 | 05:04 | 14:54 |
| 15 | 07:40 | 16:33 | 06:24 | 15:23 | 07:29 | 16:13 | 06:12 | 15:02 | 07:50 | 16:29 | 06:34 | 15:18 |
| 16 | 07:42 | 16:31 | 07:49 | 15:58 | 07:31 | 16:11 | 07:39 | 15:35 | 07:51 | 16:27 | 08:02 | 15:51 |
| 17 | 07:43 | 16:30 | 09:08 | 16:44 | 07:33 | 16:10 | 08:59 | 16:20 | 07:53 | 16:26 | 09:22 | 16:35 |
| 18 | 07:45 | 16:29 | 10:14 | 17:42 | 07:34 | 16:09 | 10:06 | 17:18 | 07:55 | 16:25 | 10:29 | 17:33 |
| 19 | 07:47 | 16:28 | 11:05 | 18:50 | 07:36 | 16:07 | 10:56 | 18:27 | 07:57 | 16:23 | 11:18 | 18:43 |
| 20 | 07:48 | 16:27 | 11:42 | 20:04 | 07:38 | 16:06 | 11:33 | 19:41 | 07:58 | 16:22 | 11:54 | 19:58 |
| 21 | 07:50 | 16:25 | 12:10 | 21:17 | 07:40 | 16:05 | 11:59 | 20:57 | 08:00 | 16:21 | 12:20 | 21:14 |
| 22 | 07:52 | 16:24 | 12:31 | 22:29 | 07:41 | 16:04 | 12:19 | 22:10 | 08:02 | 16:20 | 12:39 | 22:27 |
| 23 | 07:53 | 16:23 | 12:48 | 23:39 | 07:43 | 16:03 | 12:35 | 23:21 | 08:04 | 16:19 | 12:54 | 23:39 |
| 24 | 07:55 | 16:22 | 13:03 | — | 07:44 | 16:02 | 12:49 | — | 08:05 | 16:17 | 13:07 | — |
| 25 | 07:56 | 16:22 | 13:17 | 00:46 | 07:46 | 16:01 | 13:01 | 00:30 | 08:07 | 16:16 | 13:20 | 00:48 |
| 26 | 07:58 | 16:21 | 13:31 | 01:53 | 07:48 | 16:00 | 13:14 | 01:38 | 08:09 | 16:15 | 13:32 | 01:57 |
| 27 | 07:59 | 16:20 | 13:46 | 03:01 | 07:49 | 15:59 | 13:28 | 02:47 | 08:10 | 16:15 | 13:45 | 03:07 |
| 28 | 08:01 | 16:19 | 14:03 | 04:10 | 07:51 | 15:58 | 13:44 | 03:57 | 08:12 | 16:14 | 14:01 | 04:17 |
| 29 | 08:02 | 16:18 | 14:25 | 05:20 | 07:52 | 15:57 | 14:04 | 05:08 | 08:13 | 16:13 | 14:20 | 05:30 |
| 30 | 08:04 | 16:18 | 14:52 | 06:31 | 07:54 | 15:57 | 14:31 | 06:21 | 08:15 | 16:12 | 14:46 | 06:43 |

In +50° geogr. Breite: Dauer der bürgerlichen Dämmerung am 15. Nov. 36m.
Tagesl. am 1. Nov. 9h46m, am 30. Nov. 8h25m; somit Abnahme der Tagesl. im Nov. 1h21m.

November 2028

| | DRESDEN | | | | FRANKFURT/M. | | | | FREIBURG | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 06:58 | 16:38 | 15:43 | 06:06 | 07:16 | 17:01 | 16:07 | 06:24 | 07:14 | 17:10 | 16:16 | 06:22 |
| 02 | 07:00 | 16:37 | 16:07 | 07:16 | 07:18 | 16:59 | 16:31 | 07:34 | 07:16 | 17:08 | 16:43 | 07:29 |
| 03 | 07:02 | 16:35 | 16:37 | 08:27 | 07:19 | 16:58 | 17:02 | 08:43 | 07:17 | 17:06 | 17:15 | 08:37 |
| 04 | 07:03 | 16:33 | 17:16 | 09:34 | 07:21 | 16:56 | 17:43 | 09:50 | 07:19 | 17:05 | 17:57 | 09:42 |
| 05 | 07:05 | 16:32 | 18:08 | 10:34 | 07:23 | 16:55 | 18:34 | 10:50 | 07:20 | 17:04 | 18:49 | 10:42 |
| 06 | 07:07 | 16:30 | 19:11 | 11:25 | 07:24 | 16:53 | 19:37 | 11:41 | 07:22 | 17:02 | 19:51 | 11:33 |
| 07 | 07:08 | 16:28 | 20:23 | 12:05 | 07:26 | 16:51 | 20:49 | 12:21 | 07:23 | 17:01 | 21:02 | 12:15 |
| 08 | 07:10 | 16:27 | 21:42 | 12:36 | 07:28 | 16:50 | 22:06 | 12:53 | 07:25 | 16:59 | 22:17 | 12:49 |
| 09 | 07:12 | 16:25 | 23:03 | 13:01 | 07:29 | 16:48 | 23:26 | 13:19 | 07:26 | 16:58 | 23:35 | 13:17 |
| 10 | 07:14 | 16:24 | — | 13:22 | 07:31 | 16:47 | — | 13:41 | 07:28 | 16:57 | — | 13:41 |
| 11 | 07:15 | 16:22 | 00:24 | 13:41 | 07:33 | 16:46 | 00:47 | 14:00 | 07:29 | 16:55 | 00:53 | 14:03 |
| 12 | 07:17 | 16:21 | 01:47 | 13:59 | 07:34 | 16:44 | 02:09 | 14:20 | 07:31 | 16:54 | 02:12 | 14:24 |
| 13 | 07:19 | 16:19 | 03:11 | 14:18 | 07:36 | 16:43 | 03:32 | 14:40 | 07:33 | 16:53 | 03:33 | 14:46 |
| 14 | 07:20 | 16:18 | 04:38 | 14:40 | 07:38 | 16:42 | 04:57 | 15:03 | 07:34 | 16:52 | 04:55 | 15:12 |
| 15 | 07:22 | 16:17 | 06:05 | 15:07 | 07:39 | 16:40 | 06:23 | 15:31 | 07:36 | 16:51 | 06:19 | 15:42 |
| 16 | 07:24 | 16:15 | 07:30 | 15:42 | 07:41 | 16:39 | 07:47 | 16:07 | 07:37 | 16:49 | 07:41 | 16:21 |
| 17 | 07:25 | 16:14 | 08:49 | 16:28 | 07:42 | 16:38 | 09:05 | 16:54 | 07:39 | 16:48 | 08:57 | 17:09 |
| 18 | 07:27 | 16:13 | 09:55 | 17:26 | 07:44 | 16:37 | 10:10 | 17:53 | 07:40 | 16:47 | 10:02 | 18:08 |
| 19 | 07:29 | 16:12 | 10:46 | 18:34 | 07:46 | 16:36 | 11:02 | 19:00 | 07:41 | 16:46 | 10:54 | 19:14 |
| 20 | 07:30 | 16:11 | 11:24 | 19:47 | 07:47 | 16:35 | 11:40 | 20:12 | 07:43 | 16:45 | 11:34 | 20:25 |
| 21 | 07:32 | 16:10 | 11:52 | 21:00 | 07:49 | 16:33 | 12:09 | 21:25 | 07:44 | 16:44 | 12:05 | 21:35 |
| 22 | 07:34 | 16:09 | 12:13 | 22:12 | 07:50 | 16:32 | 12:31 | 22:35 | 07:46 | 16:44 | 12:29 | 22:44 |
| 23 | 07:35 | 16:08 | 12:31 | 23:21 | 07:52 | 16:32 | 12:49 | 23:44 | 07:47 | 16:43 | 12:49 | 23:50 |
| 24 | 07:37 | 16:07 | 12:46 | — | 07:53 | 16:31 | 13:05 | — | 07:49 | 16:42 | 13:07 | — |
| 25 | 07:38 | 16:06 | 13:00 | 00:29 | 07:55 | 16:30 | 13:20 | 00:50 | 07:50 | 16:41 | 13:24 | 00:55 |
| 26 | 07:40 | 16:05 | 13:14 | 01:36 | 07:56 | 16:29 | 13:35 | 01:56 | 07:51 | 16:40 | 13:41 | 01:59 |
| 27 | 07:41 | 16:04 | 13:29 | 02:43 | 07:58 | 16:28 | 13:52 | 03:02 | 07:53 | 16:40 | 13:59 | 03:03 |
| 28 | 07:43 | 16:03 | 13:47 | 03:51 | 07:59 | 16:27 | 14:10 | 04:10 | 07:54 | 16:39 | 14:19 | 04:08 |
| 29 | 07:44 | 16:03 | 14:09 | 05:01 | 08:00 | 16:27 | 14:33 | 05:19 | 07:55 | 16:39 | 14:44 | 05:16 |
| 30 | 07:46 | 16:02 | 14:36 | 06:12 | 08:02 | 16:26 | 15:02 | 06:29 | 07:57 | 16:38 | 15:14 | 06:24 |

November 2028

| | HAMBURG | | | | HANNOVER | | | | KÖLN | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 07:20 | 16:46 | 15:50 | 06:29 | 07:18 | 16:51 | 15:55 | 06:26 | 07:25 | 17:06 | 16:11 | 06:34 |
| 02 | 07:22 | 16:44 | 16:10 | 07:43 | 07:20 | 16:49 | 16:17 | 07:38 | 07:27 | 17:04 | 16:35 | 07:44 |
| 03 | 07:24 | 16:43 | 16:38 | 08:56 | 07:21 | 16:47 | 16:46 | 08:50 | 07:28 | 17:02 | 17:05 | 08:54 |
| 04 | 07:26 | 16:41 | 17:16 | 10:05 | 07:23 | 16:45 | 17:25 | 09:59 | 07:30 | 17:01 | 17:45 | 10:02 |
| 05 | 07:28 | 16:39 | 18:07 | 11:06 | 07:25 | 16:44 | 18:16 | 10:59 | 07:32 | 16:59 | 18:37 | 11:02 |
| 06 | 07:30 | 16:37 | 19:11 | 11:56 | 07:27 | 16:42 | 19:20 | 11:49 | 07:34 | 16:57 | 19:40 | 11:52 |
| 07 | 07:32 | 16:35 | 20:26 | 12:34 | 07:29 | 16:40 | 20:34 | 12:28 | 07:35 | 16:56 | 20:53 | 12:32 |
| 08 | 07:34 | 16:33 | 21:48 | 13:02 | 07:30 | 16:39 | 21:54 | 12:58 | 07:37 | 16:54 | 22:11 | 13:04 |
| 09 | 07:35 | 16:32 | 23:12 | 13:24 | 07:32 | 16:37 | 23:16 | 13:21 | 07:39 | 16:53 | 23:32 | 13:28 |
| 10 | 07:37 | 16:30 | — | 13:42 | 07:34 | 16:35 | — | 13:41 | 07:40 | 16:51 | — | 13:49 |
| 11 | 07:39 | 16:28 | 00:37 | 13:57 | 07:36 | 16:34 | 00:40 | 13:58 | 07:42 | 16:50 | 00:53 | 14:08 |
| 12 | 07:41 | 16:27 | 02:03 | 14:12 | 07:38 | 16:32 | 02:04 | 14:14 | 07:44 | 16:48 | 02:16 | 14:26 |
| 13 | 07:43 | 16:25 | 03:30 | 14:28 | 07:40 | 16:31 | 03:30 | 14:32 | 07:46 | 16:47 | 03:40 | 14:45 |
| 14 | 07:45 | 16:24 | 05:00 | 14:47 | 07:41 | 16:29 | 04:58 | 14:52 | 07:47 | 16:46 | 05:06 | 15:07 |
| 15 | 07:47 | 16:22 | 06:31 | 15:11 | 07:43 | 16:28 | 06:27 | 15:17 | 07:49 | 16:44 | 06:33 | 15:35 |
| 16 | 07:49 | 16:21 | 08:00 | 15:43 | 07:45 | 16:26 | 07:54 | 15:51 | 07:51 | 16:43 | 07:58 | 16:10 |
| 17 | 07:50 | 16:19 | 09:20 | 16:27 | 07:47 | 16:25 | 09:14 | 16:36 | 07:52 | 16:42 | 09:17 | 16:57 |
| 18 | 07:52 | 16:18 | 10:27 | 17:25 | 07:48 | 16:24 | 10:20 | 17:34 | 07:54 | 16:41 | 10:22 | 17:55 |
| 19 | 07:54 | 16:17 | 11:17 | 18:35 | 07:50 | 16:23 | 11:10 | 18:43 | 07:56 | 16:39 | 11:13 | 19:03 |
| 20 | 07:56 | 16:15 | 11:52 | 19:50 | 07:52 | 16:21 | 11:47 | 19:58 | 07:57 | 16:38 | 11:51 | 20:16 |
| 21 | 07:58 | 16:14 | 12:17 | 21:07 | 07:53 | 16:20 | 12:13 | 21:12 | 07:59 | 16:37 | 12:19 | 21:29 |
| 22 | 07:59 | 16:13 | 12:36 | 22:21 | 07:55 | 16:19 | 12:33 | 22:25 | 08:00 | 16:36 | 12:40 | 22:41 |
| 23 | 08:01 | 16:12 | 12:50 | 23:33 | 07:57 | 16:18 | 12:49 | 23:36 | 08:02 | 16:35 | 12:58 | 23:50 |
| 24 | 08:03 | 16:11 | 13:03 | — | 07:58 | 16:17 | 13:03 | — | 08:03 | 16:34 | 13:13 | — |
| 25 | 08:04 | 16:09 | 13:15 | 00:43 | 08:00 | 16:16 | 13:16 | 00:45 | 08:05 | 16:33 | 13:27 | 00:57 |
| 26 | 08:06 | 16:08 | 13:27 | 01:53 | 08:02 | 16:15 | 13:29 | 01:53 | 08:06 | 16:32 | 13:42 | 02:04 |
| 27 | 08:08 | 16:08 | 13:40 | 03:02 | 08:03 | 16:14 | 13:43 | 03:02 | 08:08 | 16:32 | 13:57 | 03:11 |
| 28 | 08:09 | 16:07 | 13:55 | 04:14 | 08:05 | 16:13 | 13:59 | 04:11 | 08:09 | 16:31 | 14:15 | 04:19 |
| 29 | 08:11 | 16:06 | 14:14 | 05:27 | 08:06 | 16:13 | 14:20 | 05:23 | 08:11 | 16:30 | 14:37 | 05:29 |
| 30 | 08:12 | 16:05 | 14:39 | 06:40 | 08:08 | 16:12 | 14:46 | 06:35 | 08:12 | 16:30 | 15:05 | 06:40 |

November 2028

| | LEIPZIG | | | | MÜNCHEN | | | | NÜRNBERG | | | |
|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|----------|-----------|---------|-----------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Datum | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang |
| 01 | 07:04 | 16:43 | 15:48 | 06:12 | 07:00 | 16:54 | 16:01 | 06:07 | 07:05 | 16:53 | 15:59 | 06:12 |
| 02 | 07:06 | 16:41 | 16:11 | 07:23 | 07:01 | 16:53 | 16:27 | 07:14 | 07:06 | 16:52 | 16:24 | 07:21 |
| 03 | 07:08 | 16:40 | 16:41 | 08:34 | 07:03 | 16:51 | 16:59 | 08:22 | 07:08 | 16:50 | 16:56 | 08:30 |
| 04 | 07:10 | 16:38 | 17:20 | 09:41 | 07:04 | 16:50 | 17:41 | 09:28 | 07:10 | 16:48 | 17:36 | 09:36 |
| 05 | 07:11 | 16:36 | 18:12 | 10:42 | 07:06 | 16:48 | 18:33 | 10:27 | 07:11 | 16:47 | 18:28 | 10:36 |
| 06 | 07:13 | 16:35 | 19:15 | 11:32 | 07:07 | 16:47 | 19:35 | 11:18 | 07:13 | 16:45 | 19:31 | 11:27 |
| 07 | 07:15 | 16:33 | 20:28 | 12:12 | 07:09 | 16:45 | 20:46 | 12:00 | 07:14 | 16:44 | 20:42 | 12:08 |
| 08 | 07:17 | 16:31 | 21:47 | 12:43 | 07:10 | 16:44 | 22:01 | 12:34 | 07:16 | 16:42 | 21:59 | 12:41 |
| 09 | 07:18 | 16:30 | 23:08 | 13:08 | 07:12 | 16:43 | 23:18 | 13:02 | 07:18 | 16:41 | 23:18 | 13:08 |
| 10 | 07:20 | 16:28 | — | 13:28 | 07:13 | 16:41 | — | 13:26 | 07:19 | 16:39 | — | 13:30 |
| 11 | 07:22 | 16:27 | 00:30 | 13:46 | 07:15 | 16:40 | 00:37 | 13:48 | 07:21 | 16:38 | 00:38 | 13:50 |
| 12 | 07:24 | 16:25 | 01:53 | 14:04 | 07:16 | 16:39 | 01:57 | 14:09 | 07:22 | 16:37 | 01:59 | 14:10 |
| 13 | 07:25 | 16:24 | 03:18 | 14:23 | 07:18 | 16:38 | 03:17 | 14:31 | 07:24 | 16:35 | 03:21 | 14:31 |
| 14 | 07:27 | 16:23 | 04:44 | 14:44 | 07:20 | 16:36 | 04:40 | 14:56 | 07:26 | 16:34 | 04:45 | 14:55 |
| 15 | 07:29 | 16:21 | 06:12 | 15:11 | 07:21 | 16:35 | 06:04 | 15:27 | 07:27 | 16:33 | 06:10 | 15:24 |
| 16 | 07:30 | 16:20 | 07:37 | 15:46 | 07:23 | 16:34 | 07:26 | 16:05 | 07:29 | 16:32 | 07:34 | 16:01 |
| 17 | 07:32 | 16:19 | 08:56 | 16:32 | 07:24 | 16:33 | 08:42 | 16:53 | 07:30 | 16:31 | 08:51 | 16:48 |
| 18 | 07:34 | 16:17 | 10:02 | 17:30 | 07:26 | 16:32 | 09:47 | 17:51 | 07:32 | 16:29 | 09:57 | 17:46 |
| 19 | 07:35 | 16:16 | 10:53 | 18:38 | 07:27 | 16:31 | 10:39 | 18:58 | 07:34 | 16:28 | 10:48 | 18:54 |
| 20 | 07:37 | 16:15 | 11:31 | 19:51 | 07:28 | 16:30 | 11:19 | 20:09 | 07:35 | 16:27 | 11:27 | 20:05 |
| 21 | 07:39 | 16:14 | 11:58 | 21:05 | 07:30 | 16:29 | 11:50 | 21:19 | 07:37 | 16:26 | 11:57 | 21:17 |
| 22 | 07:40 | 16:13 | 12:19 | 22:17 | 07:31 | 16:28 | 12:14 | 22:28 | 07:38 | 16:25 | 12:20 | 22:27 |
| 23 | 07:42 | 16:12 | 12:37 | 23:27 | 07:33 | 16:27 | 12:34 | 23:34 | 07:40 | 16:24 | 12:39 | 23:35 |
| 24 | 07:43 | 16:11 | 12:51 | — | 07:34 | 16:26 | 12:52 | — | 07:41 | 16:24 | 12:55 | — |
| 25 | 07:45 | 16:10 | 13:05 | 00:34 | 07:36 | 16:26 | 13:09 | 00:39 | 07:43 | 16:23 | 13:11 | 00:41 |
| 26 | 07:46 | 16:09 | 13:19 | 01:41 | 07:37 | 16:25 | 13:25 | 01:43 | 07:44 | 16:22 | 13:26 | 01:46 |
| 27 | 07:48 | 16:08 | 13:34 | 02:49 | 07:38 | 16:24 | 13:43 | 02:48 | 07:45 | 16:21 | 13:43 | 02:51 |
| 28 | 07:49 | 16:07 | 13:52 | 03:58 | 07:40 | 16:24 | 14:04 | 03:53 | 07:47 | 16:21 | 14:02 | 03:58 |
| 29 | 07:51 | 16:07 | 14:13 | 05:08 | 07:41 | 16:23 | 14:28 | 05:01 | 07:48 | 16:20 | 14:25 | 05:07 |
| 30 | 07:52 | 16:06 | 14:41 | 06:19 | 07:42 | 16:23 | 14:58 | 06:09 | 07:49 | 16:19 | 14:55 | 06:16 |

November 2028

| | ROSTOCK | | | | SAARBRÜCKEN | | | | STUTT GART | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 07:13 | 16:36 | 15:39 | 06:22 | 07:20 | 17:10 | 16:16 | 06:29 | 07:11 | 17:02 | 16:09 | 06:18 |
| 02 | 07:15 | 16:34 | 15:59 | 07:36 | 07:22 | 17:08 | 16:41 | 07:37 | 07:12 | 17:01 | 16:34 | 07:27 |
| 03 | 07:17 | 16:32 | 16:26 | 08:50 | 07:24 | 17:07 | 17:13 | 08:46 | 07:14 | 16:59 | 17:06 | 08:35 |
| 04 | 07:19 | 16:30 | 17:03 | 10:00 | 07:25 | 17:05 | 17:54 | 09:52 | 07:15 | 16:58 | 17:48 | 09:41 |
| 05 | 07:21 | 16:28 | 17:54 | 11:01 | 07:27 | 17:04 | 18:46 | 10:52 | 07:17 | 16:56 | 18:40 | 10:40 |
| 06 | 07:23 | 16:27 | 18:59 | 11:51 | 07:29 | 17:02 | 19:49 | 11:43 | 07:19 | 16:55 | 19:42 | 11:32 |
| 07 | 07:25 | 16:25 | 20:14 | 12:28 | 07:30 | 17:01 | 21:00 | 12:24 | 07:20 | 16:53 | 20:53 | 12:13 |
| 08 | 07:27 | 16:23 | 21:36 | 12:56 | 07:32 | 16:59 | 22:17 | 12:57 | 07:22 | 16:52 | 22:09 | 12:46 |
| 09 | 07:29 | 16:21 | 23:01 | 13:17 | 07:33 | 16:58 | 23:35 | 13:24 | 07:23 | 16:50 | 23:27 | 13:14 |
| 10 | 07:31 | 16:19 | — | 13:34 | 07:35 | 16:56 | — | 13:46 | 07:25 | 16:49 | — | 13:37 |
| 11 | 07:33 | 16:18 | 00:27 | 13:49 | 07:37 | 16:55 | 00:55 | 14:07 | 07:26 | 16:48 | 00:47 | 13:58 |
| 12 | 07:35 | 16:16 | 01:54 | 14:03 | 07:38 | 16:54 | 02:16 | 14:27 | 07:28 | 16:46 | 02:07 | 14:18 |
| 13 | 07:37 | 16:14 | 03:22 | 14:19 | 07:40 | 16:52 | 03:38 | 14:48 | 07:30 | 16:45 | 03:28 | 14:40 |
| 14 | 07:38 | 16:13 | 04:52 | 14:37 | 07:41 | 16:51 | 05:02 | 15:12 | 07:31 | 16:44 | 04:52 | 15:04 |
| 15 | 07:40 | 16:11 | 06:24 | 15:00 | 07:43 | 16:50 | 06:27 | 15:41 | 07:33 | 16:43 | 06:16 | 15:34 |
| 16 | 07:42 | 16:10 | 07:54 | 15:31 | 07:45 | 16:49 | 07:50 | 16:18 | 07:34 | 16:42 | 07:39 | 16:12 |
| 17 | 07:44 | 16:08 | 09:15 | 16:14 | 07:46 | 16:48 | 09:07 | 17:06 | 07:36 | 16:40 | 08:55 | 16:59 |
| 18 | 07:46 | 16:07 | 10:22 | 17:12 | 07:48 | 16:47 | 10:12 | 18:05 | 07:37 | 16:39 | 10:01 | 17:58 |
| 19 | 07:48 | 16:06 | 11:12 | 18:22 | 07:49 | 16:46 | 11:04 | 19:12 | 07:39 | 16:38 | 10:53 | 19:05 |
| 20 | 07:50 | 16:04 | 11:46 | 19:38 | 07:51 | 16:45 | 11:43 | 20:23 | 07:40 | 16:37 | 11:32 | 20:16 |
| 21 | 07:51 | 16:03 | 12:11 | 20:56 | 07:52 | 16:44 | 12:12 | 21:35 | 07:42 | 16:36 | 12:02 | 21:27 |
| 22 | 07:53 | 16:02 | 12:29 | 22:11 | 07:54 | 16:43 | 12:36 | 22:45 | 07:43 | 16:35 | 12:26 | 22:36 |
| 23 | 07:55 | 16:01 | 12:43 | 23:23 | 07:55 | 16:42 | 12:55 | 23:52 | 07:45 | 16:35 | 12:45 | 23:43 |
| 24 | 07:57 | 15:59 | 12:55 | — | 07:57 | 16:41 | 13:11 | — | 07:46 | 16:34 | 13:02 | — |
| 25 | 07:58 | 15:58 | 13:06 | 00:34 | 07:58 | 16:40 | 13:27 | 00:58 | 07:48 | 16:33 | 13:18 | 00:49 |
| 26 | 08:00 | 15:57 | 13:17 | 01:44 | 07:59 | 16:39 | 13:43 | 02:03 | 07:49 | 16:32 | 13:35 | 01:53 |
| 27 | 08:02 | 15:56 | 13:30 | 02:54 | 08:01 | 16:39 | 14:00 | 03:08 | 07:50 | 16:32 | 13:52 | 02:58 |
| 28 | 08:03 | 15:55 | 13:44 | 04:06 | 08:02 | 16:38 | 14:19 | 04:15 | 07:52 | 16:31 | 14:12 | 04:05 |
| 29 | 08:05 | 15:54 | 14:03 | 05:20 | 08:03 | 16:37 | 14:43 | 05:23 | 07:53 | 16:30 | 14:36 | 05:13 |
| 30 | 08:07 | 15:54 | 14:27 | 06:34 | 08:05 | 16:37 | 15:12 | 06:32 | 07:54 | 16:30 | 15:05 | 06:21 |

DEZEMBER 2028

HAUPTKALENDARIUM

| Datum | Jahres- tag | Kalen- der- wo- che | Sonn- und Feiertage | Son- nen- lauf | Mondlauf | | |
|--------------|----------------|------------------------------|------------------------------|----------------------|----------|--------------------------|--|
| | | | | | Phase | Länge im Tierkreis | Mondwenden Entfernung Mondknoten |
| 01 Fr | 336 | | | | ☾ 26° | | |
| 02 Sa | 337 | | | | ○ Ⅱ 09° | Nordw. | |
| 03 So | 338 | | 1. Advent | | Ⅱ 22° | | |
| 04 Mo | 339 | 49 | | | ☾ 05° | ♁ | |
| 05 Di | 340 | | | | ☾ 19° | | |
| 06 Mi | 341 | | Nikolaus 1) | | ♁ 02° | | |
| 07 Do | 342 | | | | ♁ 16° | | |
| 08 Fr | 343 | | Mariä Empfängnis | | ♁ 30° | | |
| 09 Sa | 344 | | | | ● ♍ 14° | | |
| 10 So | 345 | | 2. Advent | | ♍ 28° | | |
| 11 Mo | 346 | 50 | | | ♎ 12° | Erdnähe | |
| 12 Di | 347 | | | | ♎ 26° | | |
| 13 Mi | 348 | | Lucia | | ♍ 11° | | |
| 14 Do | 349 | | | | ♍ 25° | | |
| 15 Fr | 350 | | | | ♌ 09° | Südw. | |
| 16 Sa | 351 | | | | ● ♌ 23° | | |
| 17 So | 352 | | 3. Advent | | ♌ 06° | ♁ | |
| 18 Mo | 353 | 51 | | | ♌ 20° | | |
| 19 Di | 354 | | | | ≈ 02° | | |
| 20 Mi | 355 | | | | ≈ 15° | | |
| 21 Do | 356 | | | ♌*) | ≈ 27° | | |
| 22 Fr | 357 | | | | ☾ 09° | | |
| 23 Sa | 358 | | | | ● ☾ 21° | Erdferne | |
| 24 So | 359 | | 4. Advent; Hl. Abend | | ♌ 03° | | |
| 25 Mo | 360 | 52 | 1. Weihnachtstag | | ♌ 15° | | |
| 26 Di | 361 | | 2. Weihnachtstag | | ♌ 27° | | |
| 27 Mi | 362 | | | | ☾ 09° | | |
| 28 Do | 363 | | | | ☾ 22° | | |
| 29 Fr | 364 | | | | Ⅱ 04° | | |
| 30 Sa | 365 | | | | Ⅱ 17° | Nordw. | |
| 31 So | 366 | | 1. Sonntag n. Weihnachten 2) | 3) | ○ ☾ 00° | ♁ | |

*) Am 21. Dezember um 09:20 Uhr MEZ tritt die Sonne ins Zeichen Steinbock (♌) (Winteranfang, Sonnenwende)

1) Quatemberwoche

2) Silvester

3) Totale Mondfinsternis, in Deutschland sichtbar (s. Seite 113).

Dezember 2028

| | KASSEL | | | | BERLIN | | | | BREMEN | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 08:05 | 16:17 | 15:29 | 07:41 | 07:55 | 15:56 | 15:06 | 07:32 | 08:16 | 16:11 | 15:21 | 07:54 |
| 02 | 08:06 | 16:16 | 16:17 | 08:45 | 07:57 | 15:55 | 15:53 | 08:36 | 08:18 | 16:11 | 16:08 | 08:59 |
| 03 | 08:08 | 16:16 | 17:18 | 09:40 | 07:58 | 15:55 | 16:54 | 09:31 | 08:19 | 16:10 | 17:10 | 09:54 |
| 04 | 08:09 | 16:15 | 18:30 | 10:24 | 07:59 | 15:54 | 18:07 | 10:14 | 08:20 | 16:10 | 18:23 | 10:36 |
| 05 | 08:10 | 16:15 | 19:48 | 10:57 | 08:01 | 15:54 | 19:27 | 10:47 | 08:22 | 16:09 | 19:43 | 11:08 |
| 06 | 08:11 | 16:15 | 21:09 | 11:24 | 08:02 | 15:53 | 20:49 | 11:12 | 08:23 | 16:09 | 21:07 | 11:32 |
| 07 | 08:13 | 16:14 | 22:30 | 11:45 | 08:03 | 15:53 | 22:12 | 11:32 | 08:24 | 16:08 | 22:30 | 11:52 |
| 08 | 08:14 | 16:14 | 23:52 | 12:04 | 08:04 | 15:53 | 23:35 | 11:49 | 08:25 | 16:08 | 23:54 | 12:08 |
| 09 | 08:15 | 16:14 | — | 12:21 | 08:05 | 15:52 | — | 12:05 | 08:27 | 16:08 | — | 12:24 |
| 10 | 08:16 | 16:14 | 01:13 | 12:39 | 08:06 | 15:52 | 00:58 | 12:22 | 08:28 | 16:08 | 01:18 | 12:39 |
| 11 | 08:17 | 16:14 | 02:36 | 12:59 | 08:08 | 15:52 | 02:22 | 12:40 | 08:29 | 16:07 | 02:43 | 12:57 |
| 12 | 08:18 | 16:14 | 04:01 | 13:22 | 08:09 | 15:52 | 03:48 | 13:02 | 08:30 | 16:07 | 04:10 | 13:18 |
| 13 | 08:19 | 16:14 | 05:25 | 13:53 | 08:09 | 15:52 | 05:14 | 13:31 | 08:31 | 16:07 | 05:36 | 13:47 |
| 14 | 08:20 | 16:14 | 06:45 | 14:32 | 08:10 | 15:52 | 06:36 | 14:09 | 08:32 | 16:07 | 06:58 | 14:25 |
| 15 | 08:21 | 16:14 | 07:56 | 15:25 | 08:11 | 15:52 | 07:48 | 15:01 | 08:33 | 16:08 | 08:11 | 15:16 |
| 16 | 08:21 | 16:14 | 08:54 | 16:29 | 08:12 | 15:53 | 08:45 | 16:05 | 08:33 | 16:08 | 09:08 | 16:20 |
| 17 | 08:22 | 16:14 | 09:37 | 17:41 | 08:13 | 15:53 | 09:28 | 17:18 | 08:34 | 16:08 | 09:50 | 17:34 |
| 18 | 08:23 | 16:15 | 10:09 | 18:56 | 08:13 | 15:53 | 09:59 | 18:34 | 08:35 | 16:08 | 10:20 | 18:51 |
| 19 | 08:23 | 16:15 | 10:33 | 20:10 | 08:14 | 15:53 | 10:21 | 19:50 | 08:36 | 16:09 | 10:42 | 20:07 |
| 20 | 08:24 | 16:16 | 10:52 | 21:21 | 08:15 | 15:54 | 10:39 | 21:03 | 08:36 | 16:09 | 10:59 | 21:21 |
| 21 | 08:25 | 16:16 | 11:08 | 22:31 | 08:15 | 15:54 | 10:54 | 22:13 | 08:37 | 16:10 | 11:13 | 22:32 |
| 22 | 08:25 | 16:17 | 11:23 | 23:38 | 08:16 | 15:55 | 11:07 | 23:22 | 08:37 | 16:10 | 11:26 | 23:41 |
| 23 | 08:25 | 16:17 | 11:37 | — | 08:16 | 15:56 | 11:20 | — | 08:38 | 16:11 | 11:38 | — |
| 24 | 08:26 | 16:18 | 11:51 | 00:45 | 08:16 | 15:56 | 11:33 | 00:31 | 08:38 | 16:11 | 11:51 | 00:50 |
| 25 | 08:26 | 16:19 | 12:07 | 01:53 | 08:17 | 15:57 | 11:48 | 01:40 | 08:38 | 16:12 | 12:05 | 02:00 |
| 26 | 08:26 | 16:19 | 12:27 | 03:02 | 08:17 | 15:58 | 12:06 | 02:50 | 08:38 | 16:13 | 12:23 | 03:11 |
| 27 | 08:27 | 16:20 | 12:51 | 04:13 | 08:17 | 15:58 | 12:30 | 04:02 | 08:39 | 16:14 | 12:46 | 04:23 |
| 28 | 08:27 | 16:21 | 13:23 | 05:23 | 08:17 | 15:59 | 13:01 | 05:13 | 08:39 | 16:15 | 13:16 | 05:36 |
| 29 | 08:27 | 16:22 | 14:06 | 06:30 | 08:17 | 16:00 | 13:43 | 06:21 | 08:39 | 16:16 | 13:58 | 06:44 |
| 30 | 08:27 | 16:23 | 15:02 | 07:30 | 08:17 | 16:01 | 14:39 | 07:21 | 08:39 | 16:16 | 14:54 | 07:44 |
| 31 | 08:27 | 16:24 | 16:11 | 08:19 | 08:17 | 16:02 | 15:48 | 08:10 | 08:39 | 16:18 | 16:04 | 08:32 |

In +50° geogr. Breite: Dauer der bürgerlichen Dämmerung am 15. Dez. 38m.
Tagesl. am 1. Dez. 8h24m, am 21. Dez. (kürzester Tag) 8h04m, am 31. Dez. 8h10m.

Dezember 2028

| | DRESDEN | | | | FRANKFURT/M. | | | | FREIBURG | | | |
|-----------|---------|-----------|---------|-----------|--------------|-----------|---------|-----------|----------|-----------|---------|-----------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Datum | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang |
| 01 | 07:47 | 16:01 | 15:13 | 07:22 | 08:03 | 16:26 | 15:39 | 07:38 | 07:58 | 16:38 | 15:53 | 07:31 |
| 02 | 07:48 | 16:01 | 16:01 | 08:26 | 08:04 | 16:25 | 16:28 | 08:41 | 07:59 | 16:37 | 16:42 | 08:33 |
| 03 | 07:50 | 16:00 | 17:02 | 09:21 | 08:06 | 16:25 | 17:28 | 09:36 | 08:00 | 16:37 | 17:43 | 09:29 |
| 04 | 07:51 | 16:00 | 18:13 | 10:05 | 08:07 | 16:24 | 18:39 | 10:21 | 08:01 | 16:36 | 18:52 | 10:14 |
| 05 | 07:52 | 15:59 | 19:31 | 10:39 | 08:08 | 16:24 | 19:56 | 10:56 | 08:02 | 16:36 | 20:07 | 10:51 |
| 06 | 07:53 | 15:59 | 20:52 | 11:06 | 08:09 | 16:24 | 21:16 | 11:23 | 08:04 | 16:36 | 21:25 | 11:21 |
| 07 | 07:54 | 15:59 | 22:13 | 11:28 | 08:10 | 16:23 | 22:36 | 11:46 | 08:05 | 16:36 | 22:42 | 11:46 |
| 08 | 07:56 | 15:59 | 23:34 | 11:46 | 08:11 | 16:23 | 23:56 | 12:06 | 08:06 | 16:36 | — | 12:08 |
| 09 | 07:57 | 15:58 | — | 12:04 | 08:12 | 16:23 | — | 12:25 | 08:07 | 16:35 | 00:00 | 12:29 |
| 10 | 07:58 | 15:58 | 00:55 | 12:22 | 08:14 | 16:23 | 01:16 | 12:44 | 08:08 | 16:35 | 01:18 | 12:50 |
| 11 | 07:59 | 15:58 | 02:18 | 12:42 | 08:15 | 16:23 | 02:37 | 13:05 | 08:09 | 16:35 | 02:37 | 13:13 |
| 12 | 08:00 | 15:58 | 03:42 | 13:06 | 08:15 | 16:23 | 04:00 | 13:30 | 08:09 | 16:35 | 03:57 | 13:40 |
| 13 | 08:01 | 15:58 | 05:06 | 13:36 | 08:16 | 16:23 | 05:23 | 14:02 | 08:10 | 16:36 | 05:18 | 14:14 |
| 14 | 08:01 | 15:58 | 06:26 | 14:16 | 08:17 | 16:23 | 06:42 | 14:43 | 08:11 | 16:36 | 06:35 | 14:57 |
| 15 | 08:02 | 15:58 | 07:37 | 15:09 | 08:18 | 16:23 | 07:52 | 15:35 | 08:12 | 16:36 | 07:44 | 15:50 |
| 16 | 08:03 | 15:59 | 08:35 | 16:12 | 08:19 | 16:23 | 08:50 | 16:39 | 08:13 | 16:36 | 08:42 | 16:54 |
| 17 | 08:04 | 15:59 | 09:18 | 17:24 | 08:20 | 16:24 | 09:34 | 17:50 | 08:13 | 16:36 | 09:28 | 18:03 |
| 18 | 08:04 | 15:59 | 09:51 | 18:39 | 08:20 | 16:24 | 10:07 | 19:04 | 08:14 | 16:37 | 10:03 | 19:15 |
| 19 | 08:05 | 16:00 | 10:15 | 19:53 | 08:21 | 16:24 | 10:33 | 20:17 | 08:15 | 16:37 | 10:30 | 20:26 |
| 20 | 08:06 | 16:00 | 10:35 | 21:04 | 08:21 | 16:25 | 10:53 | 21:27 | 08:15 | 16:38 | 10:52 | 21:34 |
| 21 | 08:06 | 16:01 | 10:51 | 22:13 | 08:22 | 16:25 | 11:10 | 22:35 | 08:16 | 16:38 | 11:11 | 22:40 |
| 22 | 08:07 | 16:01 | 11:05 | 23:20 | 08:22 | 16:26 | 11:26 | 23:41 | 08:16 | 16:39 | 11:28 | 23:45 |
| 23 | 08:07 | 16:02 | 11:20 | — | 08:23 | 16:26 | 11:41 | — | 08:17 | 16:39 | 11:45 | — |
| 24 | 08:07 | 16:02 | 11:34 | 00:27 | 08:23 | 16:27 | 11:56 | 00:47 | 08:17 | 16:40 | 12:02 | 00:49 |
| 25 | 08:08 | 16:03 | 11:51 | 01:35 | 08:24 | 16:28 | 12:13 | 01:54 | 08:17 | 16:41 | 12:22 | 01:53 |
| 26 | 08:08 | 16:04 | 12:10 | 02:44 | 08:24 | 16:28 | 12:34 | 03:02 | 08:18 | 16:41 | 12:44 | 02:59 |
| 27 | 08:08 | 16:05 | 12:35 | 03:54 | 08:24 | 16:29 | 13:00 | 04:11 | 08:18 | 16:42 | 13:12 | 04:06 |
| 28 | 08:08 | 16:05 | 13:07 | 05:04 | 08:24 | 16:30 | 13:33 | 05:20 | 08:18 | 16:43 | 13:46 | 05:14 |
| 29 | 08:08 | 16:06 | 13:50 | 06:11 | 08:24 | 16:31 | 14:17 | 06:26 | 08:18 | 16:44 | 14:31 | 06:19 |
| 30 | 08:09 | 16:07 | 14:46 | 07:10 | 08:24 | 16:32 | 15:13 | 07:26 | 08:18 | 16:45 | 15:28 | 07:18 |
| 31 | 08:09 | 16:08 | 15:55 | 08:00 | 08:24 | 16:33 | 16:21 | 08:15 | 08:18 | 16:45 | 16:35 | 08:08 |

Dezember 2028

| | HAMBURG | | | | HANNOVER | | | | KÖLN | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 08:14 | 16:04 | 15:13 | 07:52 | 08:09 | 16:11 | 15:22 | 07:46 | 08:14 | 16:29 | 15:42 | 07:49 |
| 02 | 08:15 | 16:04 | 16:00 | 08:58 | 08:10 | 16:11 | 16:09 | 08:51 | 08:15 | 16:28 | 16:30 | 08:53 |
| 03 | 08:17 | 16:03 | 17:02 | 09:52 | 08:12 | 16:10 | 17:10 | 09:45 | 08:16 | 16:28 | 17:31 | 09:48 |
| 04 | 08:18 | 16:02 | 18:15 | 10:34 | 08:13 | 16:09 | 18:23 | 10:28 | 08:17 | 16:27 | 18:42 | 10:32 |
| 05 | 08:19 | 16:02 | 19:36 | 11:06 | 08:14 | 16:09 | 19:43 | 11:01 | 08:19 | 16:27 | 20:00 | 11:06 |
| 06 | 08:21 | 16:01 | 21:00 | 11:29 | 08:16 | 16:09 | 21:05 | 11:26 | 08:20 | 16:27 | 21:21 | 11:33 |
| 07 | 08:22 | 16:01 | 22:25 | 11:48 | 08:17 | 16:08 | 22:28 | 11:47 | 08:21 | 16:26 | 22:42 | 11:55 |
| 08 | 08:23 | 16:01 | 23:49 | 12:04 | 08:18 | 16:08 | 23:50 | 12:04 | 08:22 | 16:26 | — | 12:14 |
| 09 | 08:24 | 16:00 | — | 12:19 | 08:19 | 16:08 | — | 12:20 | 08:23 | 16:26 | 00:03 | 12:32 |
| 10 | 08:26 | 16:00 | 01:13 | 12:34 | 08:20 | 16:08 | 01:13 | 12:37 | 08:24 | 16:26 | 01:24 | 12:50 |
| 11 | 08:27 | 16:00 | 02:39 | 12:51 | 08:21 | 16:07 | 02:38 | 12:55 | 08:25 | 16:26 | 02:46 | 13:10 |
| 12 | 08:28 | 16:00 | 04:06 | 13:12 | 08:22 | 16:07 | 04:03 | 13:17 | 08:26 | 16:26 | 04:10 | 13:34 |
| 13 | 08:29 | 16:00 | 05:34 | 13:39 | 08:23 | 16:07 | 05:29 | 13:46 | 08:27 | 16:26 | 05:34 | 14:05 |
| 14 | 08:30 | 16:00 | 06:57 | 14:17 | 08:24 | 16:08 | 06:50 | 14:25 | 08:28 | 16:26 | 06:54 | 14:45 |
| 15 | 08:31 | 16:00 | 08:09 | 15:07 | 08:25 | 16:08 | 08:02 | 15:17 | 08:29 | 16:26 | 08:04 | 15:37 |
| 16 | 08:31 | 16:00 | 09:06 | 16:12 | 08:26 | 16:08 | 08:59 | 16:21 | 08:30 | 16:26 | 09:02 | 16:41 |
| 17 | 08:32 | 16:01 | 09:48 | 17:26 | 08:27 | 16:08 | 09:42 | 17:34 | 08:30 | 16:27 | 09:46 | 17:53 |
| 18 | 08:33 | 16:01 | 10:17 | 18:44 | 08:27 | 16:08 | 10:13 | 18:50 | 08:31 | 16:27 | 10:18 | 19:08 |
| 19 | 08:33 | 16:01 | 10:39 | 20:01 | 08:28 | 16:09 | 10:36 | 20:05 | 08:32 | 16:27 | 10:42 | 20:21 |
| 20 | 08:34 | 16:02 | 10:55 | 21:15 | 08:29 | 16:09 | 10:54 | 21:18 | 08:32 | 16:28 | 11:02 | 21:33 |
| 21 | 08:35 | 16:02 | 11:09 | 22:26 | 08:29 | 16:10 | 11:09 | 22:29 | 08:33 | 16:28 | 11:18 | 22:41 |
| 22 | 08:35 | 16:03 | 11:21 | 23:37 | 08:30 | 16:10 | 11:22 | 23:37 | 08:33 | 16:29 | 11:33 | 23:49 |
| 23 | 08:35 | 16:03 | 11:33 | — | 08:30 | 16:11 | 11:35 | — | 08:34 | 16:29 | 11:47 | — |
| 24 | 08:36 | 16:04 | 11:45 | 00:46 | 08:30 | 16:11 | 11:48 | 00:46 | 08:34 | 16:30 | 12:02 | 00:56 |
| 25 | 08:36 | 16:05 | 11:59 | 01:56 | 08:31 | 16:12 | 12:04 | 01:55 | 08:34 | 16:31 | 12:18 | 02:03 |
| 26 | 08:36 | 16:05 | 12:16 | 03:08 | 08:31 | 16:13 | 12:22 | 03:05 | 08:35 | 16:31 | 12:38 | 03:12 |
| 27 | 08:36 | 16:06 | 12:38 | 04:21 | 08:31 | 16:14 | 12:45 | 04:16 | 08:35 | 16:32 | 13:03 | 04:22 |
| 28 | 08:37 | 16:07 | 13:08 | 05:33 | 08:31 | 16:15 | 13:16 | 05:28 | 08:35 | 16:33 | 13:36 | 05:32 |
| 29 | 08:37 | 16:08 | 13:50 | 06:42 | 08:31 | 16:16 | 13:59 | 06:35 | 08:35 | 16:34 | 14:19 | 06:38 |
| 30 | 08:37 | 16:09 | 14:46 | 07:42 | 08:31 | 16:17 | 14:55 | 07:35 | 08:35 | 16:35 | 15:15 | 07:38 |
| 31 | 08:37 | 16:10 | 15:56 | 08:30 | 08:31 | 16:18 | 16:04 | 08:24 | 08:35 | 16:36 | 16:24 | 08:27 |

Dezember 2028

| | LEIPZIG | | | | MÜNCHEN | | | | NÜRNBERG | | | |
|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|----------|-----------|---------|-----------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Datum | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang | Aufgang | Untergang |
| 01 | 07:54 | 16:05 | 15:17 | 07:29 | 07:43 | 16:22 | 15:37 | 07:16 | 07:51 | 16:19 | 15:33 | 07:24 |
| 02 | 07:55 | 16:05 | 16:05 | 08:33 | 07:45 | 16:22 | 16:26 | 08:19 | 07:52 | 16:18 | 16:21 | 08:28 |
| 03 | 07:56 | 16:04 | 17:06 | 09:28 | 07:46 | 16:21 | 17:26 | 09:14 | 07:53 | 16:18 | 17:22 | 09:23 |
| 04 | 07:58 | 16:04 | 18:17 | 10:12 | 07:47 | 16:21 | 18:36 | 10:00 | 07:54 | 16:17 | 18:32 | 10:08 |
| 05 | 07:59 | 16:03 | 19:36 | 10:46 | 07:48 | 16:21 | 19:51 | 10:36 | 07:56 | 16:17 | 19:49 | 10:43 |
| 06 | 08:00 | 16:03 | 20:57 | 11:12 | 07:49 | 16:20 | 21:09 | 11:06 | 07:57 | 16:17 | 21:07 | 11:12 |
| 07 | 08:01 | 16:03 | 22:18 | 11:34 | 07:50 | 16:20 | 22:26 | 11:31 | 07:58 | 16:17 | 22:27 | 11:35 |
| 08 | 08:02 | 16:03 | 23:40 | 11:52 | 07:51 | 16:20 | 23:44 | 11:53 | 07:59 | 16:16 | 23:46 | 11:56 |
| 09 | 08:03 | 16:02 | — | 12:10 | 07:52 | 16:20 | — | 12:13 | 08:00 | 16:16 | — | 12:15 |
| 10 | 08:05 | 16:02 | 01:01 | 12:27 | 07:53 | 16:20 | 01:02 | 12:34 | 08:01 | 16:16 | 01:05 | 12:35 |
| 11 | 08:06 | 16:02 | 02:24 | 12:47 | 07:54 | 16:20 | 02:22 | 12:58 | 08:02 | 16:16 | 02:26 | 12:57 |
| 12 | 08:07 | 16:02 | 03:48 | 13:11 | 07:55 | 16:20 | 03:42 | 13:25 | 08:03 | 16:16 | 03:48 | 13:22 |
| 13 | 08:07 | 16:02 | 05:13 | 13:41 | 07:56 | 16:20 | 05:02 | 13:58 | 08:04 | 16:16 | 05:10 | 13:55 |
| 14 | 08:08 | 16:02 | 06:33 | 14:20 | 07:57 | 16:20 | 06:20 | 14:41 | 08:05 | 16:16 | 06:28 | 14:36 |
| 15 | 08:09 | 16:02 | 07:44 | 15:12 | 07:58 | 16:20 | 07:29 | 15:34 | 08:05 | 16:17 | 07:39 | 15:29 |
| 16 | 08:10 | 16:03 | 08:42 | 16:16 | 07:58 | 16:21 | 08:27 | 16:37 | 08:06 | 16:17 | 08:36 | 16:33 |
| 17 | 08:11 | 16:03 | 09:25 | 17:28 | 07:59 | 16:21 | 09:13 | 17:47 | 08:07 | 16:17 | 09:21 | 17:43 |
| 18 | 08:11 | 16:03 | 09:57 | 18:43 | 08:00 | 16:21 | 09:48 | 18:59 | 08:08 | 16:17 | 09:55 | 18:56 |
| 19 | 08:12 | 16:04 | 10:22 | 19:58 | 08:00 | 16:22 | 10:15 | 20:10 | 08:08 | 16:18 | 10:21 | 20:08 |
| 20 | 08:13 | 16:04 | 10:41 | 21:09 | 08:01 | 16:22 | 10:37 | 21:18 | 08:09 | 16:18 | 10:42 | 21:18 |
| 21 | 08:13 | 16:05 | 10:57 | 22:18 | 08:01 | 16:23 | 10:56 | 22:24 | 08:09 | 16:19 | 11:00 | 22:25 |
| 22 | 08:14 | 16:05 | 11:11 | 23:26 | 08:02 | 16:23 | 11:13 | 23:29 | 08:10 | 16:19 | 11:16 | 23:31 |
| 23 | 08:14 | 16:06 | 11:25 | — | 08:02 | 16:24 | 11:30 | — | 08:10 | 16:20 | 11:31 | — |
| 24 | 08:14 | 16:06 | 11:39 | 00:33 | 08:03 | 16:24 | 11:47 | 00:33 | 08:11 | 16:21 | 11:47 | 00:37 |
| 25 | 08:15 | 16:07 | 11:56 | 01:41 | 08:03 | 16:25 | 12:06 | 01:38 | 08:11 | 16:21 | 12:05 | 01:43 |
| 26 | 08:15 | 16:08 | 12:15 | 02:50 | 08:03 | 16:26 | 12:28 | 02:44 | 08:11 | 16:22 | 12:26 | 02:50 |
| 27 | 08:15 | 16:09 | 12:39 | 04:01 | 08:04 | 16:26 | 12:56 | 03:51 | 08:11 | 16:23 | 12:53 | 03:58 |
| 28 | 08:15 | 16:09 | 13:11 | 05:11 | 08:04 | 16:27 | 13:31 | 04:59 | 08:12 | 16:24 | 13:26 | 05:07 |
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| 31 | 08:15 | 16:12 | 15:59 | 08:07 | 08:04 | 16:30 | 16:19 | 07:54 | 08:12 | 16:26 | 16:15 | 08:02 |

Dezember 2028

| | ROSTOCK | | | | SAARBRÜCKEN | | | | STUTT GART | | | |
|------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Sonne | | Mond | | Sonne | | Mond | | Sonne | | Mond | |
| Da- tum | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang | Auf- gang | Unter- gang |
| 01 | 08:08 | 15:53 | 15:01 | 07:47 | 08:06 | 16:36 | 15:51 | 07:40 | 07:56 | 16:29 | 15:44 | 07:29 |
| 02 | 08:10 | 15:52 | 15:48 | 08:53 | 08:07 | 16:36 | 16:40 | 08:44 | 07:57 | 16:29 | 16:33 | 08:32 |
| 03 | 08:11 | 15:52 | 16:49 | 09:47 | 08:09 | 16:35 | 17:40 | 09:38 | 07:58 | 16:28 | 17:33 | 09:27 |
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| 05 | 08:14 | 15:50 | 19:25 | 11:00 | 08:11 | 16:34 | 20:07 | 10:59 | 08:00 | 16:28 | 19:59 | 10:49 |
| 06 | 08:15 | 15:50 | 20:49 | 11:23 | 08:12 | 16:34 | 21:25 | 11:28 | 08:01 | 16:27 | 21:17 | 11:18 |
| 07 | 08:16 | 15:50 | 22:14 | 11:41 | 08:13 | 16:34 | 22:44 | 11:51 | 08:03 | 16:27 | 22:36 | 11:42 |
| 08 | 08:18 | 15:49 | 23:39 | 11:56 | 08:14 | 16:34 | — | 12:12 | 08:04 | 16:27 | 23:54 | 12:03 |
| 09 | 08:19 | 15:49 | — | 12:10 | 08:15 | 16:34 | 00:03 | 12:32 | 08:05 | 16:27 | — | 12:23 |
| 10 | 08:20 | 15:49 | 01:05 | 12:25 | 08:16 | 16:34 | 01:22 | 12:52 | 08:06 | 16:27 | 01:13 | 12:43 |
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| 15 | 08:25 | 15:49 | 08:04 | 14:55 | 08:21 | 16:34 | 07:54 | 15:47 | 08:10 | 16:27 | 07:43 | 15:41 |
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| 19 | 08:28 | 15:50 | 10:32 | 19:50 | 08:24 | 16:35 | 10:37 | 20:26 | 08:13 | 16:28 | 10:27 | 20:18 |
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| 22 | 08:30 | 15:51 | 11:13 | 23:28 | 08:25 | 16:37 | 11:32 | 23:48 | 08:14 | 16:30 | 11:23 | 23:39 |
| 23 | 08:30 | 15:52 | 11:24 | — | 08:26 | 16:37 | 11:48 | — | 08:15 | 16:31 | 11:39 | — |
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| 25 | 08:31 | 15:53 | 11:49 | 01:49 | 08:26 | 16:39 | 12:22 | 01:59 | 08:15 | 16:32 | 12:15 | 01:49 |
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