# Mond- und Dämmerungstabelle 2023

für die visuelle Deep-Sky-Beobachtung

**Kiel** 54.3253° N 10.1406° E

Berechnung: pyEphem
Textsatz: LaTeX

**Atmosphären-Einstellungen in pyEphem**

```
Standort.pressure = 1010.0
Standort.horizon = '0:00:00.0'
```

Alle Zeitangaben beziehen sich auf den in der jeweiligen Zeile angegeben Kalendertag. Liegt ein Ereignis bereits nach Mitternacht, also schon am Folgetag, ist die Zeitangabe mit einem * gekennzeichnet, z.B.: 00:20*.

**Spalte 1** Kalendertag.

**Spalte 2** Bei »MESZ« sind alle Zeitangaben in dieser Zeile in Mitteleuropäischer Sommerzeit, ansonsten standardmäßig in MEZ.

**Spalte 3** Die für Deep-Sky-Beobachtungen nutzbare Zeitspanne: Es ist astronomisch dunkel (Sonne steht tiefer als $-18°$) und kein Mond stört.

**Spalte 4** Dauer der für Deep-Sky-Beobachtungen nutzbaren Zeitspanne.

**Spalte 5** Ereignisse, die die für Deep-Sky-Beobachtungen nutzbare Zeitspanne begrenzen: $AN_+$ (*Einbruch der astronomischen Nacht = Ende der astr. Abenddämmerung*), $M_\searrow$ (*Monduntergang*), $AN_-$ (*Ende der astronomischen Nacht = Beginn der astr. Morgendämmerung*), $M_\nearrow$ (*Mondaufgang*), Astr. MD (*Astronomische Mitternachtsdämmerung*), Naut. MD (*Nautische Mitternachtsdämmerung*).

**Spalte 6** Mondphase.

**Spalte 7** Mondaufgang.

**Spalte 8** Monduntergang.

**Spalte 9** Beginn der astr. Morgendämmerung (Sonnenhöhe = $-18°_\nearrow$).

**Spalte 10** Dauer der astr. Morgendämmerung.

**Spalte 11** Beginn der naut. Morgendämmerung (Sonnenhöhe = $-12°_\nearrow$).

**Spalte 12** Dauer der naut. Morgendämmerung.

**Spalte 13** Beginn der bürg. Morgendämmerung (Sonnenhöhe = $-6°_\nearrow$).

**Spalte 14** Dauer der bürg. Morgendämmerung.

**Spalte 15** Sonnenaufgang.

**Spalte 16** Taglänge.

**Spalte 17** Sonnenuntergang.

**Spalte 18** Dauer der bürg. Abenddämmerung.

**Spalte 19** Ende der bürg. Abenddämmerung (Sonnenhöhe = $-6°_\searrow$).

**Spalte 20** Dauer der naut. Abenddämmerung.

**Spalte 21** Ende der naut. Abenddämmerung (Sonnenhöhe = $-12°_\searrow$).

**Spalte 22** Dauer der astr. Abenddämmerung.

**Spalte 23** Ende der astr. Abenddämmerung (Sonnenhöhe = $-18°_\searrow$).

**Spalte 24** Länge der Nacht.

**Spalte 25** Länge der astr. Nacht.

**Für Beobachter, die zu Zeiten der Mitternachtsdämmerung während der astr. Dämmerung beoachten möchten:**

**Spalte 26** Nutzbare Zeitspanne: Es ist »nautisch dunkel« (Sonne steht tiefer als $-12°$) und kein Mond stört.

**Spalte 27** Dauer der in Spalte 26 angegebenen Zeitspanne.

**Spalte 28** Ereignisse, die die nutzbare Zeitspanne begrenzen: $ND_+$ (*Beginn der »naut. Dunkelheit« = Ende der naut. Abenddämmerung*), $M_\searrow$ (*Monduntergang*), $ND_-$ (*Ende der »naut. Dunkelheit« = Beginn der naut. Morgendämmerung*), $M_\nearrow$ (*Mondaufgang*), Naut. MD (*Nautische Mitternachtsdämmerung*).

**Spalte 29** Identisch zu Spalte 1.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2023 | Zeit- | Astr. dunkel und kein Mond | | | Mond | | | Beginn der Morgendämmerung | | | | | | Sonne | | | Ende der Abenddämmerung | | | | | | Nacht | Astr. N. | Naut. dunkel und kein Mond | | | 2023 |
| | zone | | $\Delta t$ | | Ph. | ↑ | ↓ | Astr. | $\Delta t$ | Naut. | $\Delta t$ | Bürg. | $\Delta t$ | ↑ | $\Delta t$ | ↓ | $\Delta t$ | Bürg. | $\Delta t$ | Naut. | $\Delta t$ | Astr. | $\Delta t$ | $\Delta t$ | | $\Delta t$ | | |
| So, 1. Jan | | 04:20* – 06:24* | *2h 04m* | M↘ *bis* AN_ | | 12:41 | 02:59 | 06:24 | *43m* | 07:07 | *45m* | 07:53 | *46m* | 08:39 | *7h 26m* | 16:06 | *46m* | 16:52 | *45m* | 17:37 | *43m* | 18:21 | *16h 33m* | *12h 03m* | | | | So, 1. Jan |
| Mo, 2. Jan | | 05:39* – 06:24* | *44m* | M↘ *bis* AN_ | | 12:54 | 04:20 | 06:24 | *43m* | 07:07 | *45m* | 07:53 | *46m* | 08:39 | *7h 27m* | 16:07 | *46m* | 16:53 | *45m* | 17:38 | *43m* | 18:22 | *16h 31m* | *12h 02m* | | | | Mo, 2. Jan |
| Di, 3. Jan | | —:— – —:— | – | Mond stört | | 13:12 | 05:39 | 06:24 | *43m* | 07:07 | *45m* | 07:53 | *46m* | 08:39 | *7h 29m* | 16:08 | *46m* | 16:54 | *45m* | 17:40 | *43m* | 18:23 | *16h 30m* | *12h 01m* | | | | Di, 3. Jan |
| Mi, 4. Jan | | —:— – —:— | – | Mond stört | | 13:38 | 06:56 | 06:24 | *43m* | 07:07 | *45m* | 07:52 | *46m* | 08:38 | *7h 30m* | 16:09 | *46m* | 16:55 | *45m* | 17:41 | *43m* | 18:24 | *16h 28m* | *11h 59m* | | | | Mi, 4. Jan |
| Do, 5. Jan | | —:— – —:— | – | Mond stört | | 14:15 | 08:04 | 06:24 | *43m* | 07:07 | *45m* | 07:52 | *46m* | 08:38 | *7h 32m* | 16:11 | *46m* | 16:57 | *45m* | 17:42 | *43m* | 18:25 | *16h 27m* | *11h 58m* | | | | Do, 5. Jan |
| Fr, 6. Jan | | —:— – —:— | – | Mond stört | | 15:06 | 09:00 | 06:24 | *43m* | 07:07 | *44m* | 07:52 | *45m* | 08:38 | *7h 34m* | 16:12 | *45m* | 16:58 | *44m* | 17:43 | *43m* | 18:26 | *16h 25m* | *11h 57m* | | | | Fr, 6. Jan |
| Sa, 7. Jan | | —:— – —:— | – | Mond stört | ○ | 16:09 | 09:42 | 06:23 | *43m* | 07:06 | *44m* | 07:51 | *45m* | 08:37 | *7h 36m* | 16:13 | *45m* | 16:59 | *44m* | 17:44 | *43m* | 18:27 | *16h 23m* | *11h 55m* | | | | Sa, 7. Jan |
| So, 8. Jan | | —:— – —:— | – | Mond stört | | 17:21 | 10:11 | 06:23 | *43m* | 07:06 | *44m* | 07:51 | *45m* | 08:37 | *7h 38m* | 16:15 | *45m* | 17:00 | *44m* | 17:45 | *43m* | 18:28 | *16h 21m* | *11h 54m* | | | | So, 8. Jan |
| Mo, 9. Jan | | 18:30 – 18:37 | *7m* | AN+ *bis* M↗ | | 18:37 | 10:31 | 06:23 | *43m* | 07:06 | *44m* | 07:50 | *45m* | 08:36 | *7h 40m* | 16:16 | *45m* | 17:02 | *44m* | 17:46 | *43m* | 18:30 | *16h 18m* | *11h 52m* | | | | Mo, 9. Jan |
| Di, 10. Jan | | 18:31 – 19:52 | *1h 21m* | AN+ *bis* M↗ | | 19:52 | 10:45 | 06:22 | *42m* | 07:05 | *44m* | 07:50 | *45m* | 08:35 | *7h 42m* | 16:18 | *45m* | 17:03 | *44m* | 17:48 | *42m* | 18:31 | *16h 16m* | *11h 51m* | | | | Di, 10. Jan |
| Mi, 11. Jan | | 18:32 – 21:07 | *2h 35m* | AN+ *bis* M↗ | | 21:07 | 10:56 | 06:22 | *42m* | 07:05 | *44m* | 07:49 | *45m* | 08:34 | *7h 44m* | 16:19 | *45m* | 17:05 | *44m* | 17:49 | *42m* | 18:32 | *16h 14m* | *11h 49m* | | | | Mi, 11. Jan |
| Do, 12. Jan | | 18:33 – 22:22 | *3h 48m* | AN+ *bis* M↗ | | 22:22 | 11:05 | 06:21 | *42m* | 07:04 | *44m* | 07:49 | *45m* | 08:34 | *7h 47m* | 16:21 | *45m* | 17:06 | *44m* | 17:50 | *42m* | 18:33 | *16h 11m* | *11h 47m* | | | | Do, 12. Jan |
| Fr, 13. Jan | | 18:35 – 23:37 | *5h 02m* | AN+ *bis* M↗ | | 23:37 | 11:14 | 06:21 | *42m* | 07:04 | *44m* | 07:48 | *44m* | 08:33 | *7h 49m* | 16:23 | *44m* | 17:07 | *44m* | 17:52 | *42m* | 18:35 | *16h 09m* | *11h 45m* | | | | Fr, 13. Jan |
| Sa, 14. Jan | | 18:36 – 00:55* | *6h 19m* | AN+ *bis* M↗ | | —:— | 11:22 | 06:20 | *42m* | 07:03 | *44m* | 07:47 | *44m* | 08:32 | *7h 52m* | 16:24 | *44m* | 17:09 | *44m* | 17:53 | *42m* | 18:36 | *16h 06m* | *11h 43m* | | | | Sa, 14. Jan |
| So, 15. Jan | | 18:37 – 02:17* | *7h 40m* | AN+ *bis* M↗ | ◑ | 00:55 | 11:31 | 06:20 | *42m* | 07:02 | *44m* | 07:46 | *44m* | 08:31 | *7h 55m* | 16:26 | *44m* | 17:11 | *44m* | 17:55 | *42m* | 18:37 | *16h 03m* | *11h 41m* | | | | So, 15. Jan |
| Mo, 16. Jan | | 18:39 – 03:45* | *9h 06m* | AN+ *bis* M↗ | | 02:17 | 11:43 | 06:19 | *42m* | 07:02 | *43m* | 07:46 | *44m* | 08:30 | *7h 57m* | 16:28 | *44m* | 17:12 | *43m* | 17:56 | *42m* | 18:39 | *16h 01m* | *11h 39m* | | | | Mo, 16. Jan |
| Di, 17. Jan | | 18:40 – 05:16* | *10h 36m* | AN+ *bis* M↗ | | 03:45 | 11:59 | 06:18 | *42m* | 07:01 | *43m* | 07:45 | *44m* | 08:29 | *8h 00m* | 16:29 | *44m* | 17:14 | *43m* | 17:58 | *42m* | 18:40 | *15h 58m* | *11h 37m* | | | | Di, 17. Jan |
| Mi, 18. Jan | | 18:42 – 06:17* | *11h 35m* | AN+ *bis* AN_ | | 05:16 | 12:24 | 06:17 | *42m* | 07:00 | *43m* | 07:44 | *44m* | 08:28 | *8h 03m* | 16:31 | *44m* | 17:15 | *43m* | 17:59 | *42m* | 18:42 | *15h 55m* | *11h 35m* | | | | Mi, 18. Jan |
| Do, 19. Jan | | 18:43 – 06:16* | *11h 32m* | AN+ *bis* AN_ | | 06:46 | 13:03 | 06:17 | *42m* | 06:59 | *43m* | 07:43 | *43m* | 08:27 | *8h 06m* | 16:33 | *43m* | 17:17 | *43m* | 18:01 | *42m* | 18:43 | *15h 52m* | *11h 32m* | | | | Do, 19. Jan |
| Fr, 20. Jan | | 18:44 – 06:15* | *11h 30m* | AN+ *bis* AN_ | | 08:01 | 14:05 | 06:16 | *42m* | 06:58 | *43m* | 07:42 | *43m* | 08:25 | *8h 09m* | 16:35 | *43m* | 17:19 | *43m* | 18:02 | *42m* | 18:44 | *15h 49m* | *11h 30m* | | | | Fr, 20. Jan |
| Sa, 21. Jan | | 18:46 – 06:14* | *11h 28m* | AN+ *bis* AN_ | ● | 08:55 | 15:31 | 06:15 | *42m* | 06:57 | *43m* | 07:41 | *43m* | 08:24 | *8h 12m* | 16:37 | *43m* | 17:20 | *43m* | 18:04 | *42m* | 18:46 | *15h 45m* | *11h 28m* | | | | Sa, 21. Jan |
| So, 22. Jan | | 18:47 – 06:13* | *11h 25m* | AN+ *bis* AN_ | | 09:29 | 17:10 | 06:14 | *42m* | 06:56 | *43m* | 07:39 | *43m* | 08:23 | *8h 15m* | 16:39 | *43m* | 17:22 | *43m* | 18:05 | *42m* | 18:47 | *15h 42m* | *11h 25m* | | | | So, 22. Jan |
| Mo, 23. Jan | | 18:50 – 06:12* | *11h 22m* | M↘ *bis* AN_ | | 09:51 | 18:50 | 06:13 | *42m* | 06:55 | *43m* | 07:38 | *43m* | 08:21 | *8h 19m* | 16:41 | *43m* | 17:24 | *43m* | 18:07 | *42m* | 18:49 | *15h 39m* | *11h 22m* | | | | Mo, 23. Jan |
| Di, 24. Jan | | 20:25 – 06:11* | *9h 45m* | M↘ *bis* AN_ | | 10:06 | 20:25 | 06:12 | *42m* | 06:54 | *43m* | 07:37 | *42m* | 08:20 | *8h 22m* | 16:42 | *42m* | 17:25 | *43m* | 18:08 | *42m* | 18:51 | *15h 36m* | *11h 20m* | | | | Di, 24. Jan |
| Mi, 25. Jan | | 21:55 – 06:10* | *8h 14m* | M↘ *bis* AN_ | | 10:18 | 21:55 | 06:11 | *42m* | 06:53 | *42m* | 07:36 | *42m* | 08:19 | *8h 25m* | 16:44 | *42m* | 17:27 | *42m* | 18:10 | *42m* | 18:52 | *15h 32m* | *11h 17m* | | | | Mi, 25. Jan |
| Do, 26. Jan | | 23:21 – 06:09* | *6h 47m* | M↘ *bis* AN_ | | 10:27 | 23:21 | 06:10 | *41m* | 06:52 | *42m* | 07:34 | *42m* | 08:17 | *8h 29m* | 16:46 | *42m* | 17:29 | *42m* | 18:12 | *41m* | 18:54 | *15h 29m* | *11h 14m* | | | | Do, 26. Jan |
| Fr, 27. Jan | | 00:45* – 06:07* | *5h 22m* | M↘ *bis* AN_ | | 10:37 | —:— | 06:09 | *41m* | 06:50 | *42m* | 07:33 | *42m* | 08:15 | *8h 32m* | 16:48 | *42m* | 17:31 | *42m* | 18:13 | *41m* | 18:55 | *15h 25m* | *11h 11m* | | | | Fr, 27. Jan |
| Sa, 28. Jan | | 02:07* – 06:06* | *3h 59m* | M↘ *bis* AN_ | ◐ | 10:47 | 00:45 | 06:07 | *41m* | 06:49 | *42m* | 07:32 | *42m* | 08:14 | *8h 36m* | 16:50 | *42m* | 17:33 | *42m* | 18:15 | *41m* | 18:57 | *15h 21m* | *11h 09m* | | | | Sa, 28. Jan |
| So, 29. Jan | | 03:28* – 06:05* | *2h 36m* | M↘ *bis* AN_ | | 11:00 | 02:07 | 06:06 | *41m* | 06:48 | *42m* | 07:30 | *42m* | 08:12 | *8h 39m* | 16:52 | *42m* | 17:34 | *42m* | 18:17 | *41m* | 18:59 | *15h 18m* | *11h 06m* | | | | So, 29. Jan |
| Mo, 30. Jan | | 04:46* – 06:03* | *1h 17m* | M↘ *bis* AN_ | | 11:17 | 03:28 | 06:05 | *41m* | 06:46 | *42m* | 07:29 | *41m* | 08:11 | *8h 43m* | 16:54 | *41m* | 17:36 | *42m* | 18:19 | *41m* | 19:00 | *15h 14m* | *11h 03m* | | | | Mo, 30. Jan |
| Di, 31. Jan | | 05:58* – 06:02* | *4m* | M↘ *bis* AN_ | | 11:40 | 04:46 | 06:03 | *41m* | 06:45 | *42m* | 07:27 | *41m* | 08:09 | *8h 47m* | 16:56 | *41m* | 17:38 | *42m* | 18:20 | *41m* | 19:02 | *15h 10m* | *11h 00m* | | | | Di, 31. Jan |
| Mi, 1. Feb | | —:— – —:— | – | Mond stört | | 12:13 | 05:58 | 06:02 | *41m* | 06:44 | *42m* | 07:26 | *41m* | 08:07 | *8h 51m* | 16:58 | *41m* | 17:40 | *42m* | 18:22 | *41m* | 19:04 | *15h 07m* | *10h 56m* | | | | Mi, 1. Feb |
| Do, 2. Feb | | —:— – —:— | – | Mond stört | | 12:59 | 06:58 | 06:01 | *41m* | 06:42 | *42m* | 07:24 | *41m* | 08:05 | *8h 54m* | 17:00 | *41m* | 17:42 | *42m* | 18:24 | *41m* | 19:05 | *15h 03m* | *10h 53m* | | | | Do, 2. Feb |
| Fr, 3. Feb | | —:— – —:— | – | Mond stört | | 13:59 | 07:43 | 05:59 | *41m* | 06:41 | *41m* | 07:23 | *41m* | 08:04 | *8h 58m* | 17:02 | *41m* | 17:44 | *41m* | 18:26 | *41m* | 19:07 | *14h 59m* | *10h 50m* | | | | Fr, 3. Feb |
| Sa, 4. Feb | | —:— – —:— | – | Mond stört | | 15:09 | 08:15 | 05:58 | *41m* | 06:39 | *41m* | 07:21 | *40m* | 08:02 | *9h 02m* | 17:04 | *41m* | 17:45 | *41m* | 18:27 | *41m* | 19:09 | *14h 55m* | *10h 47m* | | | | Sa, 4. Feb |
| So, 5. Feb | | —:— – —:— | – | Mond stört | ○ | 16:25 | 08:37 | 05:56 | *41m* | 06:38 | *41m* | 07:19 | *40m* | 08:00 | *9h 06m* | 17:06 | *40m* | 17:47 | *41m* | 18:29 | *41m* | 19:11 | *14h 51m* | *10h 44m* | | | | So, 5. Feb |
| Mo, 6. Feb | | —:— – —:— | – | Mond stört | | 17:41 | 08:53 | 05:55 | *41m* | 06:36 | *41m* | 07:17 | *40m* | 07:58 | *9h 10m* | 17:08 | *40m* | 17:49 | *41m* | 18:31 | *41m* | 19:12 | *14h 47m* | *10h 40m* | | | | Mo, 6. Feb |
| Di, 7. Feb | | —:— – —:— | – | Mond stört | | 18:57 | 09:04 | 05:53 | *41m* | 06:34 | *41m* | 07:16 | *40m* | 07:56 | *9h 14m* | 17:11 | *40m* | 17:51 | *41m* | 18:33 | *41m* | 19:14 | *14h 43m* | *10h 37m* | | | | Di, 7. Feb |
| Mi, 8. Feb | | 19:16 – 20:12 | *55m* | AN+ *bis* M↗ | | 20:12 | 09:14 | 05:51 | *41m* | 06:33 | *41m* | 07:14 | *40m* | 07:54 | *9h 18m* | 17:13 | *40m* | 17:53 | *41m* | 18:34 | *41m* | 19:16 | *14h 39m* | *10h 33m* | | | | Mi, 8. Feb |
| Do, 9. Feb | | 19:18 – 21:27 | *2h 08m* | AN+ *bis* M↗ | | 21:27 | 09:22 | 05:50 | *41m* | 06:31 | *41m* | 07:12 | *40m* | 07:52 | *9h 22m* | 17:15 | *40m* | 17:55 | *41m* | 18:36 | *41m* | 19:18 | *14h 35m* | *10h 30m* | | | | Do, 9. Feb |
| Fr, 10. Feb | | 19:19 – 22:43 | *3h 23m* | AN+ *bis* M↗ | | 22:43 | 09:30 | 05:48 | *41m* | 06:29 | *41m* | 07:10 | *40m* | 07:50 | *9h 26m* | 17:17 | *40m* | 17:57 | *41m* | 18:38 | *41m* | 19:19 | *14h 31m* | *10h 26m* | | | | Fr, 10. Feb |
| Sa, 11. Feb | | 19:21 – 00:02* | *4h 40m* | AN+ *bis* M↗ | | —:— | 09:39 | 05:46 | *41m* | 06:27 | *41m* | 07:08 | *39m* | 07:48 | *9h 30m* | 17:19 | *39m* | 17:59 | *41m* | 18:40 | *41m* | 19:21 | *14h 27m* | *10h 23m* | | | | Sa, 11. Feb |
| So, 12. Feb | | 19:23 – 01:25* | *6h 02m* | AN+ *bis* M↗ | | 00:02 | 09:49 | 05:44 | *41m* | 06:25 | *41m* | 07:06 | *39m* | 07:46 | *9h 34m* | 17:21 | *39m* | 18:01 | *41m* | 18:42 | *41m* | 19:23 | *14h 23m* | *10h 19m* | | | | So, 12. Feb |
| Mo, 13. Feb | | 19:25 – 02:53* | *7h 28m* | AN+ *bis* M↗ | ◑ | 01:25 | 10:02 | 05:42 | *41m* | 06:24 | *40m* | 07:05 | *39m* | 07:44 | *9h 38m* | 17:23 | *39m* | 18:03 | *41m* | 18:44 | *41m* | 19:25 | *14h 19m* | *10h 15m* | | | | Mo, 13. Feb |
| Di, 14. Feb | | 19:27 – 04:21* | *8h 54m* | AN+ *bis* M↗ | | 02:53 | 10:22 | 05:41 | *41m* | 06:22 | *40m* | 07:03 | *39m* | 07:42 | *9h 42m* | 17:25 | *39m* | 18:04 | *40m* | 18:45 | *41m* | 19:27 | *14h 15m* | *10h 11m* | | | | Di, 14. Feb |
| Mi, 15. Feb | | 19:29 – 05:37* | *10h 08m* | AN+ *bis* AN_ | | 04:21 | 10:53 | 05:39 | *41m* | 06:20 | *40m* | 07:01 | *39m* | 07:40 | *9h 46m* | 17:27 | *39m* | 18:06 | *40m* | 18:47 | *41m* | 19:29 | *14h 10m* | *10h 08m* | | | | Mi, 15. Feb |
| Do, 16. Feb | | 19:30 – 05:35* | *10h 04m* | AN+ *bis* AN_ | | 05:41 | 11:42 | 05:37 | *41m* | 06:18 | *40m* | 06:59 | *39m* | 07:38 | *9h 51m* | 17:29 | *39m* | 18:08 | *40m* | 18:49 | *41m* | 19:30 | *14h 06m* | *10h 04m* | | | | Do, 16. Feb |
| Fr, 17. Feb | | 19:32 – 05:33* | *10h 00m* | AN+ *bis* AN_ | | 06:44 | 12:55 | 05:35 | *41m* | 06:16 | *40m* | 06:57 | *39m* | 07:36 | *9h 55m* | 17:31 | *39m* | 18:10 | *40m* | 18:51 | *41m* | 19:32 | *14h 02m* | *10h 00m* | | | | Fr, 17. Feb |
| Sa, 18. Feb | | 19:34 – 05:31* | *9h 56m* | AN+ *bis* AN_ | | 07:25 | 14:27 | 05:33 | *41m* | 06:14 | *40m* | 06:54 | *38m* | 07:33 | *9h 59m* | 17:33 | *39m* | 18:12 | *40m* | 18:53 | *41m* | 19:34 | *13h 58m* | *9h 56m* | | | | Sa, 18. Feb |
| So, 19. Feb | | 19:36 – 05:29* | *9h 52m* | AN+ *bis* AN_ | | 07:52 | 16:07 | 05:31 | *41m* | 06:12 | *40m* | 06:52 | *38m* | 07:31 | *10h 03m* | 17:35 | *38m* | 18:14 | *40m* | 18:55 | *41m* | 19:36 | *13h 53m* | *9h 52m* | | | | So, 19. Feb |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2023 | Zeit- | Astr. dunkel und kein Mond | | | Mond | | | Beginn der Morgendämmerung | | | | | | Sonne | | | Ende der Abenddämmerung | | | | | | Nacht | Astr. N. | Naut. dunkel und kein Mond | | | 2023 |
| | zone | | $\Delta t$ | | Ph. | ↑ | ↓ | Astr. | $\Delta t$ | Naut. | $\Delta t$ | Bürg. | $\Delta t$ | ↑ | $\Delta t$ | ↓ | $\Delta t$ | Bürg. | $\Delta t$ | Naut. | $\Delta t$ | Astr. | $\Delta t$ | $\Delta t$ | | $\Delta t$ | | |
| Mo, 20. Feb | | 19:38 – 05:26* | *9h 48m* | $AN_+$ *bis* $AN_-$ | ● | 08:10 | 17:46 | 05:29 | *41m* | 06:10 | *40m* | 06:50 | *38m* | 07:29 | *10h 08m* | 17:37 | *38m* | 18:16 | *40m* | 18:57 | *41m* | 19:38 | *13h 49m* | *9h 48m* | | | | Mo, 20. Feb |
| Di, 21. Feb | | 19:40 – 05:24* | *9h 44m* | $AN_+$ *bis* $AN_-$ | | 08:23 | 19:21 | 05:26 | *41m* | 06:08 | *40m* | 06:48 | *38m* | 07:27 | *10h 12m* | 17:39 | *38m* | 18:18 | *40m* | 18:59 | *41m* | 19:40 | *13h 45m* | *9h 44m* | | | | Di, 21. Feb |
| Mi, 22. Feb | | 20:52 – 05:22* | *8h 30m* | $M_↘$ *bis* $AN_-$ | | 08:33 | 20:52 | 05:24 | *41m* | 06:06 | *40m* | 06:46 | *38m* | 07:25 | *10h 16m* | 17:41 | *38m* | 18:20 | *40m* | 19:00 | *41m* | 19:42 | *13h 41m* | *9h 40m* | | | | Mi, 22. Feb |
| Do, 23. Feb | | 22:20 – 05:20* | *7h 00m* | $M_↘$ *bis* $AN_-$ | | 08:43 | 22:20 | 05:22 | *41m* | 06:03 | *40m* | 06:44 | *38m* | 07:22 | *10h 20m* | 17:43 | *38m* | 18:22 | *40m* | 19:02 | *41m* | 19:44 | *13h 36m* | *9h 36m* | | | | Do, 23. Feb |
| Fr, 24. Feb | | 23:46 – 05:18* | *5h 31m* | $M_↘$ *bis* $AN_-$ | | 08:53 | 23:46 | 05:20 | *41m* | 06:01 | *40m* | 06:42 | *38m* | 07:20 | *10h 25m* | 17:45 | *38m* | 18:24 | *40m* | 19:04 | *41m* | 19:46 | *13h 32m* | *9h 32m* | | | | Fr, 24. Feb |
| Sa, 25. Feb | | 01:10* – 05:15* | *4h 04m* | $M_↘$ *bis* $AN_-$ | | 09:05 | —:— | 05:18 | *41m* | 05:59 | *40m* | 06:39 | *38m* | 07:18 | *10h 29m* | 17:47 | *38m* | 18:26 | *40m* | 19:06 | *41m* | 19:48 | *13h 28m* | *9h 27m* | | | | Sa, 25. Feb |
| So, 26. Feb | | 02:32* – 05:13* | *2h 40m* | $M_↘$ *bis* $AN_-$ | | 09:20 | 01:10 | 05:15 | *41m* | 05:57 | *40m* | 06:37 | *38m* | 07:15 | *10h 33m* | 17:49 | *38m* | 18:28 | *40m* | 19:08 | *41m* | 19:50 | *13h 23m* | *9h 23m* | | | | So, 26. Feb |
| Mo, 27. Feb | | 03:48* – 05:11* | *1h 22m* | $M_↘$ *bis* $AN_-$ | ◐ | 09:40 | 02:32 | 05:13 | *41m* | 05:55 | *40m* | 06:35 | *38m* | 07:13 | *10h 38m* | 17:51 | *38m* | 18:29 | *40m* | 19:10 | *41m* | 19:52 | *13h 19m* | *9h 19m* | | | | Mo, 27. Feb |
| Di, 28. Feb | | 04:53* – 05:08* | *15m* | $M_↘$ *bis* $AN_-$ | | 10:10 | 03:48 | 05:11 | *41m* | 05:52 | *40m* | 06:33 | *38m* | 07:11 | *10h 42m* | 17:53 | *38m* | 18:31 | *40m* | 19:12 | *41m* | 19:53 | *13h 15m* | *9h 14m* | | | | Di, 28. Feb |
| Mi, 1. Mär | | —:— – —:— | – | Mond stört | | 10:52 | 04:53 | 05:08 | *41m* | 05:50 | *40m* | 06:30 | *38m* | 07:08 | *10h 46m* | 17:55 | *38m* | 18:33 | *40m* | 19:14 | *41m* | 19:55 | *13h 10m* | *9h 10m* | | | | Mi, 1. Mär |
| Do, 2. Mär | | —:— – —:— | – | Mond stört | | 11:48 | 05:44 | 05:06 | *41m* | 05:48 | *40m* | 06:28 | *37m* | 07:06 | *10h 51m* | 17:57 | *38m* | 18:35 | *40m* | 19:16 | *41m* | 19:57 | *13h 06m* | *9h 06m* | | | | Do, 2. Mär |
| Fr, 3. Mär | | —:— – —:— | – | Mond stört | | 12:56 | 06:19 | 05:04 | *41m* | 05:45 | *40m* | 06:26 | *37m* | 07:04 | *10h 55m* | 17:59 | *37m* | 18:37 | *40m* | 19:18 | *41m* | 20:00 | *13h 02m* | *9h 01m* | | | | Fr, 3. Mär |
| Sa, 4. Mär | | —:— – —:— | – | Mond stört | | 14:10 | 06:44 | 05:01 | *41m* | 05:43 | *40m* | 06:23 | *37m* | 07:01 | *10h 59m* | 18:01 | *37m* | 18:39 | *40m* | 19:20 | *41m* | 20:02 | *12h 57m* | *8h 57m* | | | | Sa, 4. Mär |
| So, 5. Mär | | —:— – —:— | – | Mond stört | | 15:27 | 07:01 | 04:59 | *41m* | 05:41 | *40m* | 06:21 | *37m* | 06:59 | *11h 04m* | 18:03 | *37m* | 18:41 | *40m* | 19:22 | *42m* | 20:04 | *12h 53m* | *8h 52m* | | | | So, 5. Mär |
| Mo, 6. Mär | | —:— – —:— | – | Mond stört | | 16:44 | 07:13 | 04:56 | *41m* | 05:38 | *40m* | 06:19 | *37m* | 06:56 | *11h 08m* | 18:05 | *37m* | 18:43 | *40m* | 19:23 | *42m* | 20:06 | *12h 48m* | *8h 48m* | | | | Mo, 6. Mär |
| Di, 7. Mär | | —:— – —:— | – | Mond stört | ○ | 18:00 | 07:23 | 04:54 | *42m* | 05:36 | *40m* | 06:16 | *37m* | 06:54 | *11h 13m* | 18:07 | *37m* | 18:45 | *40m* | 19:25 | *42m* | 20:08 | *12h 44m* | *8h 43m* | | | | Di, 7. Mär |
| Mi, 8. Mär | | —:— – —:— | – | Mond stört | | 19:15 | 07:31 | 04:51 | *42m* | 05:33 | *40m* | 06:14 | *37m* | 06:52 | *11h 17m* | 18:09 | *37m* | 18:47 | *40m* | 19:27 | *42m* | 20:10 | *12h 40m* | *8h 38m* | | | | Mi, 8. Mär |
| Do, 9. Mär | | 20:12 – 20:32 | *20m* | $AN_+$ *bis* $M_↗$ | | 20:32 | 07:39 | 04:49 | *42m* | 05:31 | *40m* | 06:11 | *37m* | 06:49 | *11h 21m* | 18:11 | *37m* | 18:49 | *40m* | 19:29 | *42m* | 20:12 | *12h 35m* | *8h 34m* | | | | Do, 9. Mär |
| Fr, 10. Mär | | 20:14 – 21:51 | *1h 36m* | $AN_+$ *bis* $M_↗$ | | 21:51 | 07:47 | 04:46 | *42m* | 05:28 | *40m* | 06:09 | *37m* | 06:47 | *11h 26m* | 18:13 | *37m* | 18:51 | *40m* | 19:31 | *42m* | 20:14 | *12h 31m* | *8h 29m* | | | | Fr, 10. Mär |
| Sa, 11. Mär | | 20:16 – 23:13 | *2h 57m* | $AN_+$ *bis* $M_↗$ | | 23:13 | 07:57 | 04:43 | *42m* | 05:26 | *40m* | 06:07 | *37m* | 06:44 | *11h 30m* | 18:15 | *37m* | 18:53 | *40m* | 19:33 | *42m* | 20:16 | *12h 26m* | *8h 24m* | | | | Sa, 11. Mär |
| So, 12. Mär | | 20:18 – 00:39* | *4h 20m* | $AN_+$ *bis* $M_↗$ | | —:— | 08:09 | 04:41 | *42m* | 05:23 | *40m* | 06:04 | *37m* | 06:42 | *11h 34m* | 18:17 | *37m* | 18:54 | *40m* | 19:35 | *43m* | 20:18 | *12h 22m* | *8h 19m* | | | | So, 12. Mär |
| Mo, 13. Mär | | 20:20 – 02:06* | *5h 46m* | $AN_+$ *bis* $M_↗$ | | 00:39 | 08:25 | 04:38 | *42m* | 05:21 | *40m* | 06:02 | *37m* | 06:39 | *11h 39m* | 18:19 | *37m* | 18:56 | *40m* | 19:37 | *43m* | 20:20 | *12h 18m* | *8h 14m* | | | | Mo, 13. Mär |
| Di, 14. Mär | | 20:23 – 03:29* | *7h 05m* | $AN_+$ *bis* $M_↗$ | | 02:06 | 08:51 | 04:35 | *43m* | 05:18 | *40m* | 05:59 | *37m* | 06:37 | *11h 43m* | 18:21 | *37m* | 18:58 | *40m* | 19:39 | *43m* | 20:23 | *12h 13m* | *8h 09m* | | | | Di, 14. Mär |
| Mi, 15. Mär | | 20:25 – 04:30* | *8h 04m* | $AN_+$ *bis* $AN_-$ | ◑ | 03:29 | 09:31 | 04:33 | *43m* | 05:16 | *40m* | 05:57 | *37m* | 06:34 | *11h 48m* | 18:23 | *37m* | 19:00 | *41m* | 19:41 | *43m* | 20:25 | *12h 09m* | *8h 04m* | | | | Mi, 15. Mär |
| Do, 16. Mär | | 20:27 – 04:27* | *7h 59m* | $AN_+$ *bis* $AN_-$ | | 04:36 | 10:33 | 04:30 | *43m* | 05:13 | *40m* | 05:54 | *37m* | 06:32 | *11h 52m* | 18:24 | *37m* | 19:02 | *41m* | 19:43 | *43m* | 20:27 | *12h 04m* | *7h 59m* | | | | Do, 16. Mär |
| Fr, 17. Mär | | 20:29 – 04:24* | *7h 54m* | $AN_+$ *bis* $AN_-$ | | 05:23 | 11:56 | 04:27 | *43m* | 05:11 | *41m* | 05:52 | *37m* | 06:29 | *11h 56m* | 18:26 | *37m* | 19:04 | *41m* | 19:45 | *43m* | 20:29 | *12h 00m* | *7h 54m* | | | | Fr, 17. Mär |
| Sa, 18. Mär | | 20:32 – 04:21* | *7h 49m* | $AN_+$ *bis* $AN_-$ | | 05:54 | 13:31 | 04:24 | *43m* | 05:08 | *41m* | 05:49 | *37m* | 06:27 | *12h 01m* | 18:28 | *37m* | 19:06 | *41m* | 19:47 | *44m* | 20:32 | *11h 56m* | *7h 49m* | | | | Sa, 18. Mär |
| So, 19. Mär | | 20:34 – 04:18* | *7h 44m* | $AN_+$ *bis* $AN_-$ | | 06:14 | 15:09 | 04:21 | *44m* | 05:05 | *41m* | 05:47 | *37m* | 06:24 | *12h 05m* | 18:30 | *37m* | 19:08 | *41m* | 19:50 | *44m* | 20:34 | *11h 51m* | *7h 44m* | | | | So, 19. Mär |
| Mo, 20. Mär | | 20:36 – 04:16* | *7h 39m* | $AN_+$ *bis* $AN_-$ | | 06:28 | 16:44 | 04:18 | *44m* | 05:03 | *41m* | 05:44 | *37m* | 06:22 | *12h 10m* | 18:32 | *37m* | 19:10 | *41m* | 19:52 | *44m* | 20:36 | *11h 47m* | *7h 39m* | | | | Mo, 20. Mär |
| Di, 21. Mär | | 20:39 – 04:13* | *7h 34m* | $AN_+$ *bis* $AN_-$ | ● | 06:39 | 18:17 | 04:16 | *44m* | 05:00 | *41m* | 05:42 | *37m* | 06:19 | *12h 14m* | 18:34 | *37m* | 19:12 | *41m* | 19:54 | *44m* | 20:39 | *11h 42m* | *7h 34m* | | | | Di, 21. Mär |
| Mi, 22. Mär | | 20:41 – 04:10* | *7h 28m* | $AN_+$ *bis* $AN_-$ | | 06:49 | 19:47 | 04:13 | *44m* | 04:57 | *41m* | 05:39 | *37m* | 06:17 | *12h 18m* | 18:36 | *37m* | 19:14 | *41m* | 19:56 | *45m* | 20:41 | *11h 38m* | *7h 28m* | | | | Mi, 22. Mär |
| Do, 23. Mär | | 21:15 – 04:07* | *6h 51m* | $M_↘$ *bis* $AN_-$ | | 06:59 | 21:15 | 04:10 | *45m* | 04:55 | *41m* | 05:37 | *37m* | 06:14 | *12h 23m* | 18:38 | *38m* | 19:16 | *41m* | 19:58 | *45m* | 20:43 | *11h 34m* | *7h 23m* | | | | Do, 23. Mär |
| Fr, 24. Mär | | 22:43 – 04:04* | *5h 20m* | $M_↘$ *bis* $AN_-$ | | 07:10 | 22:43 | 04:07 | *45m* | 04:52 | *41m* | 05:34 | *37m* | 06:12 | *12h 27m* | 18:40 | *38m* | 19:18 | *42m* | 20:00 | *45m* | 20:46 | *11h 29m* | *7h 18m* | | | | Fr, 24. Mär |
| Sa, 25. Mär | | 00:10* – 04:01* | *3h 51m* | $M_↘$ *bis* $AN_-$ | | 07:23 | —:— | 04:04 | *45m* | 04:49 | *42m* | 05:31 | *38m* | 06:09 | *12h 32m* | 18:42 | *38m* | 19:20 | *42m* | 20:02 | *46m* | 20:48 | *11h 25m* | *7h 12m* | | | | Sa, 25. Mär |
| So, 26. Mär | MESZ | 02:31* – 04:58* | *2h 26m* | $M_↘$ *bis* $AN_-$ | | 08:41 | 01:10 | 05:01 | *45m* | 05:47 | *42m* | 06:29 | *38m* | 07:07 | *12h 36m* | 19:44 | *38m* | 20:22 | *42m* | 21:04 | *46m* | 21:51 | *11h 20m* | *7h 07m* | | | | So, 26. Mär |
| Mo, 27. Mär | MESZ | 03:43* – 04:55* | *1h 11m* | $M_↘$ *bis* $AN_-$ | | 09:07 | 02:31 | 04:58 | *46m* | 05:44 | *42m* | 06:26 | *38m* | 07:04 | *12h 40m* | 19:45 | *38m* | 20:24 | *42m* | 21:06 | *46m* | 21:53 | *11h 16m* | *7h 01m* | | | | Mo, 27. Mär |
| Di, 28. Mär | MESZ | 04:40* – 04:51* | *11m* | $M_↘$ *bis* $AN_-$ | | 09:44 | 03:43 | 04:55 | *46m* | 05:41 | *42m* | 06:24 | *38m* | 07:02 | *12h 45m* | 19:47 | *38m* | 20:26 | *42m* | 21:09 | *47m* | 21:56 | *11h 12m* | *6h 55m* | | | | Di, 28. Mär |
| Mi, 29. Mär | MESZ | —:— – —:— | – | Mond stört | ◐ | 10:35 | 04:40 | 04:51 | *46m* | 05:38 | *42m* | 06:21 | *38m* | 06:59 | *12h 49m* | 19:49 | *38m* | 20:28 | *42m* | 21:11 | *47m* | 21:58 | *11h 07m* | *6h 50m* | | | | Mi, 29. Mär |
| Do, 30. Mär | MESZ | —:— – —:— | – | Mond stört | | 11:40 | 05:21 | 04:48 | *47m* | 05:36 | *42m* | 06:19 | *38m* | 06:57 | *12h 54m* | 19:51 | *38m* | 20:30 | *43m* | 21:13 | *47m* | 22:01 | *11h 03m* | *6h 44m* | | | | Do, 30. Mär |
| Fr, 31. Mär | MESZ | —:— – —:— | – | Mond stört | | 12:53 | 05:49 | 04:45 | *47m* | 05:33 | *43m* | 06:16 | *38m* | 06:55 | *12h 58m* | 19:53 | *38m* | 20:32 | *43m* | 21:15 | *48m* | 22:03 | *10h 58m* | *6h 38m* | | | | Fr, 31. Mär |
| Sa, 1. Apr | MESZ | —:— – —:— | – | Mond stört | | 14:10 | 06:08 | 04:42 | *48m* | 05:30 | *43m* | 06:13 | *38m* | 06:52 | *13h 02m* | 19:55 | *38m* | 20:34 | *43m* | 21:17 | *48m* | 22:06 | *10h 54m* | *6h 32m* | | | | Sa, 1. Apr |
| So, 2. Apr | MESZ | —:— – —:— | – | Mond stört | | 15:27 | 06:22 | 04:39 | *48m* | 05:27 | *43m* | 06:11 | *38m* | 06:50 | *13h 07m* | 19:57 | *38m* | 20:36 | *43m* | 21:20 | *49m* | 22:09 | *10h 50m* | *6h 26m* | | | | So, 2. Apr |
| Mo, 3. Apr | MESZ | —:— – —:— | – | Mond stört | | 16:43 | 06:32 | 04:35 | *48m* | 05:24 | *43m* | 06:08 | *38m* | 06:47 | *13h 11m* | 19:59 | *39m* | 20:38 | *44m* | 21:22 | *49m* | 22:11 | *10h 45m* | *6h 20m* | | | | Mo, 3. Apr |
| Di, 4. Apr | MESZ | —:— – —:— | – | Mond stört | | 17:59 | 06:41 | 04:32 | *49m* | 05:22 | *43m* | 06:06 | *38m* | 06:45 | *13h 15m* | 20:01 | *39m* | 20:40 | *44m* | 21:24 | *49m* | 22:14 | *10h 41m* | *6h 14m* | | | | Di, 4. Apr |
| Mi, 5. Apr | MESZ | —:— – —:— | – | Mond stört | | 19:17 | 06:49 | 04:29 | *49m* | 05:19 | *44m* | 06:03 | *39m* | 06:42 | *13h 20m* | 20:02 | *39m* | 20:42 | *44m* | 21:26 | *50m* | 22:17 | *10h 37m* | *6h 08m* | | | | Mi, 5. Apr |
| Do, 6. Apr | MESZ | —:— – —:— | – | Mond stört | ○ | 20:36 | 06:57 | 04:26 | *50m* | 05:16 | *44m* | 06:00 | *39m* | 06:40 | *13h 24m* | 20:04 | *39m* | 20:44 | *44m* | 21:29 | *51m* | 22:20 | *10h 32m* | *6h 02m* | | | | Do, 6. Apr |
| Fr, 7. Apr | MESZ | —:— – —:— | – | Mond stört | | 21:59 | 07:05 | 04:22 | *50m* | 05:13 | *44m* | 05:58 | *39m* | 06:37 | *13h 29m* | 20:06 | *39m* | 20:46 | *45m* | 21:31 | *51m* | 22:22 | *10h 28m* | *5h 56m* | | | | Fr, 7. Apr |
| Sa, 8. Apr | MESZ | 22:25 – 23:25 | *59m* | $AN_+$ *bis* $M_↗$ | | 23:25 | 07:16 | 04:19 | *51m* | 05:10 | *45m* | 05:55 | *39m* | 06:35 | *13h 33m* | 20:08 | *39m* | 20:48 | *45m* | 21:33 | *52m* | 22:25 | *10h 24m* | *5h 49m* | | | | Sa, 8. Apr |
| So, 9. Apr | MESZ | 22:28 – 00:54* | *2h 25m* | $AN_+$ *bis* $M_↗$ | | —:— | 07:31 | 04:15 | *52m* | 05:07 | *45m* | 05:53 | *39m* | 06:32 | *13h 37m* | 20:10 | *39m* | 20:50 | *45m* | 21:36 | *52m* | 22:28 | *10h 19m* | *5h 43m* | | | | So, 9. Apr |
| Mo, 10. Apr | MESZ | 22:31 – 02:19* | *3h 47m* | $AN_+$ *bis* $M_↗$ | | 00:54 | 07:54 | 04:12 | *52m* | 05:04 | *45m* | 05:50 | *39m* | 06:30 | *13h 42m* | 20:12 | *40m* | 20:52 | *45m* | 21:38 | *53m* | 22:31 | *10h 15m* | *5h 36m* | | | | Mo, 10. Apr |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2023 | Zeit- | Astr. dunkel und kein Mond | | | Mond | | | Beginn der Morgendämmerung | | | | | | Sonne | | | Ende der Abenddämmerung | | | | | | Nacht | Astr. N. | Naut. dunkel und kein Mond | | | 2023 |
| | zone | | $\Delta t$ | | Ph. | ↗ | ↘ | Astr. | $\Delta t$ | Naut. | $\Delta t$ | Bürg. | $\Delta t$ | ↗ | $\Delta t$ | ↘ | $\Delta t$ | Bürg. | $\Delta t$ | Naut. | $\Delta t$ | Astr. | $\Delta t$ | $\Delta t$ | | $\Delta t$ | | |
| Di, 11. Apr | MESZ | 22:34 – 03:31* | *4h 57m* | $AN_+$ *bis* $M_↗$ | | 02:19 | 08:29 | 04:08 | *53m* | 05:02 | *45m* | 05:48 | *39m* | 06:27 | *13h 46m* | 20:14 | *40m* | 20:54 | *46m* | 21:40 | *54m* | 22:34 | *10h 11m* | *5h 30m* | | | | Di, 11. Apr |
| Mi, 12. Apr | MESZ | 22:38 – 04:01* | *5h 23m* | $AN_+$ *bis* $AN_-$ | | 03:31 | 09:23 | 04:05 | *54m* | 04:59 | *46m* | 05:45 | *40m* | 06:25 | *13h 50m* | 20:16 | *40m* | 20:56 | *46m* | 21:43 | *54m* | 22:38 | *10h 06m* | *5h 23m* | | | | Mi, 12. Apr |
| Do, 13. Apr | MESZ | 22:41 – 03:57* | *5h 16m* | $AN_+$ *bis* $AN_-$ | ◑ | 04:24 | 10:39 | 04:01 | *54m* | 04:56 | *46m* | 05:42 | *40m* | 06:23 | *13h 54m* | 20:18 | *40m* | 20:58 | *46m* | 21:45 | *55m* | 22:41 | *10h 02m* | *5h 16m* | | | | Do, 13. Apr |
| Fr, 14. Apr | MESZ | 22:44 – 03:54* | *5h 09m* | $AN_+$ *bis* $AN_-$ | | 04:58 | 12:08 | 03:57 | *55m* | 04:53 | *46m* | 05:40 | *40m* | 06:20 | *13h 59m* | 20:20 | *40m* | 21:00 | *47m* | 21:48 | *56m* | 22:44 | *9h 58m* | *5h 09m* | | | | Fr, 14. Apr |
| Sa, 15. Apr | MESZ | 22:47 – 03:50* | *5h 02m* | $AN_+$ *bis* $AN_-$ | | 05:21 | 13:43 | 03:54 | *56m* | 04:50 | *47m* | 05:37 | *40m* | 06:18 | *14h 03m* | 20:21 | *40m* | 21:02 | *47m* | 21:50 | *57m* | 22:47 | *9h 54m* | *5h 02m* | | | | Sa, 15. Apr |
| So, 16. Apr | MESZ | 22:51 – 03:46* | *4h 55m* | $AN_+$ *bis* $AN_-$ | | 05:36 | 15:17 | 03:50 | *57m* | 04:47 | *47m* | 05:35 | *40m* | 06:16 | *14h 07m* | 20:23 | *41m* | 21:04 | *48m* | 21:53 | *58m* | 22:51 | *9h 49m* | *4h 55m* | | | | So, 16. Apr |
| Mo, 17. Apr | MESZ | 22:54 – 03:42* | *4h 48m* | $AN_+$ *bis* $AN_-$ | | 05:47 | 16:48 | 03:46 | *57m* | 04:44 | *48m* | 05:32 | *41m* | 06:13 | *14h 12m* | 20:25 | *41m* | 21:07 | *48m* | 21:55 | *58m* | 22:54 | *9h 45m* | *4h 48m* | | | | Mo, 17. Apr |
| Di, 18. Apr | MESZ | 22:57 – 03:38* | *4h 40m* | $AN_+$ *bis* $AN_-$ | | 05:57 | 18:17 | 03:42 | *58m* | 04:41 | *48m* | 05:30 | *41m* | 06:11 | *14h 16m* | 20:27 | *41m* | 21:09 | *48m* | 21:58 | *59m* | 22:57 | *9h 41m* | *4h 40m* | | | | Di, 18. Apr |
| Mi, 19. Apr | MESZ | 23:01 – 03:34* | *4h 33m* | $AN_+$ *bis* $AN_-$ | | 06:06 | 19:45 | 03:38 | *59m* | 04:38 | *48m* | 05:27 | *41m* | 06:08 | *14h 20m* | 20:29 | *41m* | 21:11 | *49m* | 22:00 | *1h 00m* | 23:01 | *9h 37m* | *4h 33m* | | | | Mi, 19. Apr |
| Do, 20. Apr | MESZ | 23:05 – 03:30* | *4h 25m* | $AN_+$ *bis* $AN_-$ | ● | 06:16 | 21:13 | 03:34 | *1h 00m* | 04:35 | *49m* | 05:24 | *41m* | 06:06 | *14h 24m* | 20:31 | *41m* | 21:13 | *49m* | 22:03 | *1h 02m* | 23:05 | *9h 32m* | *4h 25m* | | | | Do, 20. Apr |
| Fr, 21. Apr | MESZ | 23:08 – 03:26* | *4h 17m* | $AN_+$ *bis* $AN_-$ | | 06:28 | 22:41 | 03:30 | *1h 02m* | 04:32 | *49m* | 05:22 | *41m* | 06:04 | *14h 28m* | 20:33 | *42m* | 21:15 | *50m* | 22:05 | *1h 03m* | 23:08 | *9h 28m* | *4h 17m* | | | | Fr, 21. Apr |
| Sa, 22. Apr | MESZ | 00:07* – 03:22* | *3h 15m* | $M_↘$ *bis* $AN_-$ | | 06:43 | —:— | 03:26 | *1h 03m* | 04:29 | *50m* | 05:19 | *42m* | 06:02 | *14h 33m* | 20:35 | *42m* | 21:17 | *50m* | 22:08 | *1h 04m* | 23:12 | *9h 24m* | *4h 09m* | | | | Sa, 22. Apr |
| So, 23. Apr | MESZ | 01:25* – 03:17* | *1h 52m* | $M_↘$ *bis* $AN_-$ | | 07:05 | 00:07 | 03:22 | *1h 04m* | 04:26 | *50m* | 05:17 | *42m* | 05:59 | *14h 37m* | 20:37 | *42m* | 21:19 | *51m* | 22:10 | *1h 05m* | 23:16 | *9h 20m* | *4h 01m* | | | | So, 23. Apr |
| Mo, 24. Apr | MESZ | 02:30* – 03:13* | *42m* | $M_↘$ *bis* $AN_-$ | | 07:37 | 01:25 | 03:17 | *1h 05m* | 04:23 | *51m* | 05:14 | *42m* | 05:57 | *14h 41m* | 20:38 | *42m* | 21:21 | *51m* | 22:13 | *1h 07m* | 23:20 | *9h 16m* | *3h 52m* | | | | Mo, 24. Apr |
| Di, 25. Apr | MESZ | —:— – —:— | – | Mond stört | | 08:23 | 02:30 | 03:13 | *1h 07m* | 04:20 | *51m* | 05:12 | *42m* | 05:55 | *14h 45m* | 20:40 | *43m* | 21:24 | *52m* | 22:16 | *1h 08m* | 23:25 | *9h 12m* | *3h 44m* | | | | Di, 25. Apr |
| Mi, 26. Apr | MESZ | —:— – —:— | – | Mond stört | | 09:24 | 03:19 | 03:09 | *1h 08m* | 04:17 | *52m* | 05:09 | *43m* | 05:53 | *14h 49m* | 20:42 | *43m* | 21:26 | *52m* | 22:19 | *1h 10m* | 23:29 | *9h 08m* | *3h 35m* | | | | Mi, 26. Apr |
| Do, 27. Apr | MESZ | —:— – —:— | – | Mond stört | ◐ | 10:35 | 03:52 | 03:04 | *1h 10m* | 04:14 | *52m* | 05:07 | *43m* | 05:50 | *14h 53m* | 20:44 | *43m* | 21:28 | *53m* | 22:21 | *1h 12m* | 23:33 | *9h 04m* | *3h 25m* | | | | Do, 27. Apr |
| Fr, 28. Apr | MESZ | —:— – —:— | – | Mond stört | | 11:50 | 04:14 | 02:59 | *1h 12m* | 04:11 | *53m* | 05:05 | *43m* | 05:48 | *14h 57m* | 20:46 | *44m* | 21:30 | *53m* | 22:24 | *1h 13m* | 23:38 | *9h 00m* | *3h 16m* | | | | Fr, 28. Apr |
| Sa, 29. Apr | MESZ | —:— – —:— | – | Mond stört | | 13:07 | 04:30 | 02:54 | *1h 13m* | 04:08 | *53m* | 05:02 | *43m* | 05:46 | *15h 01m* | 20:48 | *44m* | 21:32 | *54m* | 22:27 | *1h 16m* | 23:43 | *8h 56m* | *3h 06m* | | | | Sa, 29. Apr |
| So, 30. Apr | MESZ | —:— – —:— | – | Mond stört | | 14:24 | 04:41 | 02:49 | *1h 16m* | 04:05 | *54m* | 05:00 | *44m* | 05:44 | *15h 05m* | 20:50 | *44m* | 21:34 | *55m* | 22:30 | *1h 18m* | 23:48 | *8h 52m* | *2h 55m* | | | | So, 30. Apr |
| Mo, 1. Mai | MESZ | —:— – —:— | – | Mond stört | | 15:40 | 04:50 | 02:44 | *1h 18m* | 04:02 | *55m* | 04:57 | *44m* | 05:42 | *15h 09m* | 20:52 | *44m* | 21:37 | *55m* | 22:32 | *1h 20m* | 23:53 | *8h 48m* | *2h 44m* | | | | Mo, 1. Mai |
| Di, 2. Mai | MESZ | —:— – —:— | – | Mond stört | | 16:56 | 04:58 | 02:38 | *1h 20m* | 03:59 | *55m* | 04:55 | *44m* | 05:40 | *15h 13m* | 20:53 | *45m* | 21:39 | *56m* | 22:35 | *1h 23m* | 23:59 | *8h 44m* | *2h 33m* | | | | Di, 2. Mai |
| Mi, 3. Mai | MESZ | —:— – —:— | – | Mond stört | | 18:14 | 05:05 | 02:32 | *1h 23m* | 03:56 | *56m* | 04:52 | *45m* | 05:38 | *15h 17m* | 20:55 | *45m* | 21:41 | *57m* | 22:38 | *1h 27m* | 00:05* | *8h 40m* | *2h 20m* | | | | Mi, 3. Mai |
| Do, 4. Mai | MESZ | —:— – —:— | – | Mond stört | | 19:36 | 05:14 | 02:26 | *1h 26m* | 03:53 | *57m* | 04:50 | *45m* | 05:36 | *15h 21m* | 20:57 | *45m* | 21:43 | *57m* | 22:41 | *1h 30m* | 00:12* | *8h 36m* | *2h 07m* | | | | Do, 4. Mai |
| Fr, 5. Mai | MESZ | —:— – —:— | – | Mond stört | ○ | 21:03 | 05:24 | 02:19 | *1h 30m* | 03:50 | *57m* | 04:48 | *45m* | 05:34 | *15h 25m* | 20:59 | *46m* | 21:45 | *58m* | 22:44 | *1h 35m* | 00:19* | *8h 32m* | *1h 52m* | | | | Fr, 5. Mai |
| Sa, 6. Mai | MESZ | —:— – —:— | – | Mond stört | | 22:33 | 05:37 | 02:12 | *1h 35m* | 03:47 | *58m* | 04:45 | *46m* | 05:32 | *15h 29m* | 21:01 | *46m* | 21:47 | *59m* | 22:47 | *1h 40m* | 00:27* | *8h 28m* | *1h 35m* | | | | Sa, 6. Mai |
| So, 7. Mai | MESZ | —:— – —:— | – | Mond stört | | —:— | 05:57 | 02:03 | *1h 40m* | 03:44 | *59m* | 04:43 | *46m* | 05:30 | *15h 33m* | 21:03 | *46m* | 21:49 | *1h 00m* | 22:50 | *1h 47m* | 00:37* | *8h 24m* | *1h 16m* | | | | So, 7. Mai |
| Mo, 8. Mai | MESZ | 00:51* – 01:22* | *31m* | $AN_+$ *bis* $M_↗$ | | 00:03 | 06:27 | 01:53 | *1h 47m* | 03:41 | *1h 00m* | 04:41 | *46m* | 05:28 | *15h 36m* | 21:04 | *47m* | 21:52 | *1h 01m* | 22:53 | *1h 57m* | 00:51* | *8h 21m* | *48m* | | | | Mo, 8. Mai |
| Di, 9. Mai | MESZ | | | Astr. MD | | 01:22 | 07:16 | 01:40 | *1h 57m* | 03:38 | *1h 01m* | 04:39 | *47m* | 05:26 | *15h 40m* | 21:06 | *47m* | 21:54 | *1h 01m* | 22:56 | | —:— | *8h 17m* | | 22:56 – 02:23* | *3h 26m* | $ND_+$ *bis* $M_↗$ | Di, 9. Mai |
| Mi, 10. Mai | MESZ | | | Astr. MD | | 02:23 | 08:26 | —:— | | 03:34 | *1h 01m* | 04:36 | *47m* | 05:24 | *15h 44m* | 21:08 | *47m* | 21:56 | *1h 02m* | 22:59 | | —:— | *8h 13m* | | 22:59 – 03:02* | *4h 03m* | $ND_+$ *bis* $M_↗$ | Mi, 10. Mai |
| Do, 11. Mai | MESZ | | | Astr. MD | | 03:02 | 09:54 | —:— | | 03:31 | *1h 02m* | 04:34 | *47m* | 05:22 | *15h 47m* | 21:10 | *48m* | 21:58 | *1h 03m* | 23:02 | | —:— | *8h 10m* | | 23:02 – 03:27* | *4h 25m* | $ND_+$ *bis* $M_↗$ | Do, 11. Mai |
| Fr, 12. Mai | MESZ | | | Astr. MD | ◑ | 03:27 | 11:27 | —:— | | 03:28 | *1h 03m* | 04:32 | *48m* | 05:20 | *15h 51m* | 21:12 | *48m* | 22:00 | *1h 04m* | 23:05 | | —:— | *8h 06m* | | 23:05 – 03:25* | *4h 20m* | $ND_+$ *bis* $ND_-$ | Fr, 12. Mai |
| Sa, 13. Mai | MESZ | | | Astr. MD | | 03:44 | 13:00 | —:— | | 03:25 | *1h 04m* | 04:30 | *48m* | 05:18 | *15h 55m* | 21:13 | *48m* | 22:02 | *1h 05m* | 23:08 | | —:— | *8h 03m* | | 23:08 – 03:22* | *4h 14m* | $ND_+$ *bis* $ND_-$ | Sa, 13. Mai |
| So, 14. Mai | MESZ | | | Astr. MD | | 03:56 | 14:30 | —:— | | 03:22 | *1h 05m* | 04:28 | *48m* | 05:17 | *15h 58m* | 21:15 | *49m* | 22:04 | *1h 06m* | 23:11 | | —:— | *7h 59m* | | 23:11 – 03:19* | *4h 07m* | $ND_+$ *bis* $ND_-$ | So, 14. Mai |
| Mo, 15. Mai | MESZ | | | Astr. MD | | 04:06 | 15:57 | —:— | | 03:19 | *1h 06m* | 04:26 | *49m* | 05:15 | *16h 02m* | 21:17 | *49m* | 22:07 | *1h 07m* | 23:14 | | —:— | *7h 56m* | | 23:14 – 03:16* | *4h 01m* | $ND_+$ *bis* $ND_-$ | Mo, 15. Mai |
| Di, 16. Mai | MESZ | | | Astr. MD | | 04:15 | 17:23 | —:— | | 03:16 | *1h 07m* | 04:23 | *49m* | 05:13 | *16h 05m* | 21:19 | *50m* | 22:09 | *1h 08m* | 23:17 | | —:— | *7h 52m* | | 23:17 – 03:13* | *3h 55m* | $ND_+$ *bis* $ND_-$ | Di, 16. Mai |
| Mi, 17. Mai | MESZ | | | Astr. MD | | 04:24 | 18:49 | —:— | | 03:13 | *1h 08m* | 04:21 | *50m* | 05:11 | *16h 08m* | 21:20 | *50m* | 22:11 | *1h 09m* | 23:21 | | —:— | *7h 49m* | | 23:21 – 03:10* | *3h 49m* | $ND_+$ *bis* $ND_-$ | Mi, 17. Mai |
| Do, 18. Mai | MESZ | | | Astr. MD | | 04:35 | 20:16 | —:— | | 03:10 | *1h 09m* | 04:19 | *50m* | 05:10 | *16h 12m* | 21:22 | *50m* | 22:13 | *1h 11m* | 23:24 | | —:— | *7h 46m* | | 23:24 – 03:06* | *3h 42m* | $ND_+$ *bis* $ND_-$ | Do, 18. Mai |
| Fr, 19. Mai | MESZ | | | Astr. MD | ● | 04:48 | 21:42 | —:— | | 03:06 | *1h 11m* | 04:17 | *50m* | 05:08 | *16h 15m* | 21:24 | *51m* | 22:15 | *1h 12m* | 23:27 | | —:— | *7h 43m* | | 23:27 – 03:03* | *3h 36m* | $ND_+$ *bis* $ND_-$ | Fr, 19. Mai |
| Sa, 20. Mai | MESZ | | | Astr. MD | | 05:07 | 23:04 | —:— | | 03:03 | *1h 12m* | 04:16 | *51m* | 05:07 | *16h 18m* | 21:25 | *51m* | 22:17 | *1h 13m* | 23:30 | | —:— | *7h 40m* | | 23:30 – 03:00* | *3h 29m* | $ND_+$ *bis* $ND_-$ | Sa, 20. Mai |
| So, 21. Mai | MESZ | | | Astr. MD | | 05:34 | —:— | —:— | | 03:00 | *1h 13m* | 04:14 | *51m* | 05:05 | *16h 21m* | 21:27 | *51m* | 22:19 | *1h 14m* | 23:34 | | —:— | *7h 36m* | | 00:16* – 02:57* | *2h 41m* | $M_↘$ *bis* $ND_-$ | So, 21. Mai |
| Mo, 22. Mai | MESZ | | | Astr. MD | | 06:14 | 00:16 | —:— | | 02:57 | *1h 14m* | 04:12 | *51m* | 05:04 | *16h 24m* | 21:28 | *52m* | 22:21 | *1h 16m* | 23:37 | | —:— | *7h 33m* | | 01:12* – 02:54* | *1h 41m* | $M_↘$ *bis* $ND_-$ | Mo, 22. Mai |
| Di, 23. Mai | MESZ | | | Astr. MD | | 07:09 | 01:12 | —:— | | 02:54 | *1h 16m* | 04:10 | *52m* | 05:02 | *16h 27m* | 21:30 | *52m* | 22:23 | *1h 17m* | 23:40 | | —:— | *7h 31m* | | 01:51* – 02:51* | *59m* | $M_↘$ *bis* $ND_-$ | Di, 23. Mai |
| Mi, 24. Mai | MESZ | | | Astr. MD | | 08:17 | 01:51 | —:— | | 02:51 | *1h 17m* | 04:08 | *52m* | 05:01 | *16h 30m* | 21:32 | *53m* | 22:25 | *1h 18m* | 23:44 | | —:— | *7h 28m* | | 02:18* – 02:48* | *30m* | $M_↘$ *bis* $ND_-$ | Mi, 24. Mai |
| Do, 25. Mai | MESZ | | | Astr. MD | | 09:32 | 02:18 | —:— | | 02:48 | *1h 18m* | 04:07 | *53m* | 05:00 | *16h 33m* | 21:33 | *53m* | 22:27 | *1h 20m* | 23:47 | | —:— | *7h 25m* | | 02:35* – 02:44* | *9m* | $M_↘$ *bis* $ND_-$ | Do, 25. Mai |
| Fr, 26. Mai | MESZ | | | Astr. MD | | 10:49 | 02:35 | —:— | | 02:44 | *1h 20m* | 04:05 | *53m* | 04:58 | *16h 36m* | 21:34 | *53m* | 22:28 | *1h 21m* | 23:50 | | —:— | *7h 22m* | | —:— – —:— | – | Mond stört | Fr, 26. Mai |
| Sa, 27. Mai | MESZ | | | Astr. MD | ◐ | 12:05 | 02:48 | —:— | | 02:41 | *1h 21m* | 04:03 | *53m* | 04:57 | *16h 38m* | 21:36 | *54m* | 22:30 | *1h 23m* | 23:54 | | —:— | *7h 20m* | | —:— – —:— | – | Mond stört | Sa, 27. Mai |
| So, 28. Mai | MESZ | | | Astr. MD | | 13:20 | 02:58 | —:— | | 02:38 | *1h 23m* | 04:02 | *54m* | 04:56 | *16h 41m* | 21:37 | *54m* | 22:32 | *1h 25m* | 23:57 | | —:— | *7h 17m* | | —:— – —:— | – | Mond stört | So, 28. Mai |
| Mo, 29. Mai | MESZ | | | Astr. MD | | 14:35 | 03:06 | —:— | | 02:35 | *1h 25m* | 04:00 | *54m* | 04:55 | *16h 43m* | 21:39 | *55m* | 22:34 | *1h 26m* | 00:01* | | —:— | *7h 15m* | | —:— – —:— | – | Mond stört | Mo, 29. Mai |
| Di, 30. Mai | MESZ | | | Astr. MD | | 15:51 | 03:14 | —:— | | 02:32 | *1h 26m* | 03:59 | *55m* | 04:54 | *16h 46m* | 21:40 | *55m* | 22:35 | *1h 28m* | 00:04* | | —:— | *7h 12m* | | —:— – —:— | – | Mond stört | Di, 30. Mai |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2023 | Zeit- | Astr. dunkel und kein Mond | | | Mond | | | Beginn der Morgendämmerung | | | | | | Sonne | | | Ende der Abenddämmerung | | | | | | Nacht | Astr. N. | Naut. dunkel und kein Mond | | | 2023 |
| | zone | | $\Delta t$ | | Ph. | ↗ | ↘ | Astr. | $\Delta t$ | Naut. | $\Delta t$ | Bürg. | $\Delta t$ | ↗ | $\Delta t$ | ↘ | $\Delta t$ | Bürg. | $\Delta t$ | Naut. | $\Delta t$ | Astr. | $\Delta t$ | $\Delta t$ | | $\Delta t$ | | |
| Mi, 31. Mai | MESZ | | | Astr. MD | | 17:11 | 03:22 | —:— | | 02:29 | *1h 28m* | 03:57 | *55m* | 04:53 | *16h 48m* | 21:41 | *55m* | 22:37 | *1h 30m* | 00:08* | | —:— | *7h 10m* | | —:— – —:— | – | Mond stört | Mi, 31. Mai |
| Do, 1. Jun | MESZ | | | Astr. MD | | 18:35 | 03:31 | —:— | | 02:26 | *1h 30m* | 03:56 | *55m* | 04:52 | *16h 50m* | 21:43 | *56m* | 22:39 | *1h 32m* | 00:11* | | —:— | *7h 08m* | | —:— – —:— | – | Mond stört | Do, 1. Jun |
| Fr, 2. Jun | MESZ | | | Astr. MD | | 20:04 | 03:42 | —:— | | 02:22 | *1h 32m* | 03:55 | *56m* | 04:51 | *16h 53m* | 21:44 | *56m* | 22:40 | *1h 34m* | 00:15* | | —:— | *7h 06m* | | —:— – —:— | – | Mond stört | Fr, 2. Jun |
| Sa, 3. Jun | MESZ | | | Astr. MD | | 21:36 | 03:59 | —:— | | 02:19 | *1h 34m* | 03:53 | *56m* | 04:50 | *16h 55m* | 21:45 | *56m* | 22:42 | *1h 36m* | 00:18* | | —:— | *7h 04m* | | —:— – —:— | – | Mond stört | Sa, 3. Jun |
| So, 4. Jun | MESZ | | | Astr. MD | ○ | 23:03 | 04:25 | —:— | | 02:16 | *1h 36m* | 03:52 | *56m* | 04:49 | *16h 57m* | 21:46 | *57m* | 22:43 | *1h 38m* | 00:22* | | —:— | *7h 02m* | | —:— – —:— | – | Mond stört | So, 4. Jun |
| Mo, 5. Jun | MESZ | | | Astr. MD | | —:— | 05:06 | —:— | | 02:13 | *1h 38m* | 03:51 | *57m* | 04:48 | *16h 58m* | 21:47 | *57m* | 22:45 | *1h 40m* | 00:25* | | —:— | *7h 00m* | | —:— – —:— | – | Mond stört | Mo, 5. Jun |
| Di, 6. Jun | MESZ | | | Astr. MD | | 00:13 | 06:10 | —:— | | 02:10 | *1h 40m* | 03:50 | *57m* | 04:48 | *17h 00m* | 21:48 | *57m* | 22:46 | *1h 42m* | 00:29* | | —:— | *6h 58m* | | 00:29* – 01:01* | *32m* | $ND_+$ *bis* $M_↗$ | Di, 6. Jun |
| Mi, 7. Jun | MESZ | | | Astr. MD | | 01:01 | 07:35 | —:— | | 02:06 | *1h 42m* | 03:49 | *57m* | 04:47 | *17h 02m* | 21:49 | *57m* | 22:47 | *1h 45m* | 00:32* | | —:— | *6h 56m* | | 00:32* – 01:32* | *59m* | $ND_+$ *bis* $M_↗$ | Mi, 7. Jun |
| Do, 8. Jun | MESZ | | | Astr. MD | | 01:32 | 09:10 | —:— | | 02:03 | *1h 45m* | 03:48 | *57m* | 04:46 | *17h 03m* | 21:50 | *58m* | 22:48 | *1h 47m* | 00:36* | | —:— | *6h 55m* | | 00:36* – 01:51* | *1h 14m* | $ND_+$ *bis* $M_↗$ | Do, 8. Jun |
| Fr, 9. Jun | MESZ | | | Astr. MD | | 01:51 | 10:45 | —:— | | 02:00 | *1h 47m* | 03:47 | *58m* | 04:46 | *17h 05m* | 21:51 | *58m* | 22:50 | *1h 50m* | 00:40* | | —:— | *6h 54m* | | 00:40* – 01:57* | *1h 16m* | $ND_+$ *bis* $ND_-$ | Fr, 9. Jun |
| Sa, 10. Jun | MESZ | | | Astr. MD | ◑ | 02:04 | 12:17 | —:— | | 01:57 | *1h 50m* | 03:47 | *58m* | 04:45 | *17h 06m* | 21:52 | *58m* | 22:51 | *1h 52m* | 00:43* | | —:— | *6h 52m* | | 00:43* – 01:53* | *1h 10m* | $ND_+$ *bis* $ND_-$ | Sa, 10. Jun |
| So, 11. Jun | MESZ | | | Astr. MD | | 02:15 | 13:45 | —:— | | 01:53 | *1h 52m* | 03:46 | *58m* | 04:45 | *17h 08m* | 21:53 | *58m* | 22:52 | *1h 55m* | 00:47* | | —:— | *6h 51m* | | 00:47* – 01:50* | *1h 03m* | $ND_+$ *bis* $ND_-$ | So, 11. Jun |
| Mo, 12. Jun | MESZ | | | Astr. MD | | 02:24 | 15:10 | —:— | | 01:50 | *1h 55m* | 03:45 | *58m* | 04:44 | *17h 09m* | 21:54 | *59m* | 22:53 | *1h 58m* | 00:51* | | —:— | *6h 50m* | | 00:51* – 01:47* | *55m* | $ND_+$ *bis* $ND_-$ | Mo, 12. Jun |
| Di, 13. Jun | MESZ | | | Astr. MD | | 02:33 | 16:34 | —:— | | 01:47 | *1h 58m* | 03:45 | *59m* | 04:44 | *17h 10m* | 21:54 | *59m* | 22:54 | *2h 01m* | 00:55* | | —:— | *6h 49m* | | 00:55* – 01:43* | *48m* | $ND_+$ *bis* $ND_-$ | Di, 13. Jun |
| Mi, 14. Jun | MESZ | | | Astr. MD | | 02:43 | 17:59 | —:— | | 01:43 | *2h 01m* | 03:44 | *59m* | 04:44 | *17h 11m* | 21:55 | *59m* | 22:54 | *2h 04m* | 00:58* | | —:— | *6h 48m* | | 00:58* – 01:40* | *41m* | $ND_+$ *bis* $ND_-$ | Mi, 14. Jun |
| Do, 15. Jun | MESZ | | | Astr. MD | | 02:55 | 19:24 | —:— | | 01:40 | *2h 04m* | 03:44 | *59m* | 04:44 | *17h 11m* | 21:55 | *59m* | 22:55 | *2h 07m* | 01:02* | | —:— | *6h 48m* | | 01:02* – 01:36* | *34m* | $ND_+$ *bis* $ND_-$ | Do, 15. Jun |
| Fr, 16. Jun | MESZ | | | Astr. MD | | 03:12 | 20:47 | —:— | | 01:36 | *2h 07m* | 03:44 | *59m* | 04:43 | *17h 12m* | 21:56 | *59m* | 22:56 | *2h 10m* | 01:07* | | —:— | *6h 47m* | | 01:07* – 01:33* | *26m* | $ND_+$ *bis* $ND_-$ | Fr, 16. Jun |
| Sa, 17. Jun | MESZ | | | Astr. MD | | 03:35 | 22:02 | —:— | | 01:33 | *2h 10m* | 03:44 | *59m* | 04:43 | *17h 13m* | 21:56 | *59m* | 22:56 | *2h 15m* | 01:11* | | —:— | *6h 46m* | | 01:11* – 01:29* | *17m* | $ND_+$ *bis* $ND_-$ | Sa, 17. Jun |
| So, 18. Jun | MESZ | | | Astr. MD | ● | 04:10 | 23:04 | —:— | | 01:29 | *2h 15m* | 03:44 | *59m* | 04:43 | *17h 13m* | 21:57 | *59m* | 22:57 | *2h 22m* | 01:19* | | —:— | *6h 46m* | | 01:19* – 01:21* | *2m* | $ND_+$ *bis* $ND_-$ | So, 18. Jun |
| Mo, 19. Jun | MESZ | | | Naut. MD | | 04:59 | 23:49 | —:— | | 01:21 | *2h 22m* | 03:44 | *59m* | 04:43 | *17h 13m* | 21:57 | *59m* | 22:57 | | —:— | | —:— | *6h 46m* | | —:— – —:— | – | Naut. MD | Mo, 19. Jun |
| Di, 20. Jun | MESZ | | | Naut. MD | | 06:03 | —:— | —:— | | —:— | | 03:44 | *59m* | 04:44 | *17h 13m* | 21:58 | *59m* | 22:57 | | —:— | | —:— | *6h 46m* | | —:— – —:— | – | Naut. MD | Di, 20. Jun |
| Mi, 21. Jun | MESZ | | | Naut. MD | | 07:16 | 00:20 | —:— | | —:— | | 03:44 | *59m* | 04:44 | *17h 14m* | 21:58 | *59m* | 22:58 | | —:— | | —:— | *6h 46m* | | —:— – —:— | – | Naut. MD | Mi, 21. Jun |
| Do, 22. Jun | MESZ | | | Naut. MD | | 08:32 | 00:40 | —:— | | —:— | | 03:44 | *59m* | 04:44 | *17h 14m* | 21:58 | *59m* | 22:58 | | —:— | | —:— | *6h 46m* | | —:— – —:— | – | Naut. MD | Do, 22. Jun |
| Fr, 23. Jun | MESZ | | | Naut. MD | | 09:49 | 00:55 | —:— | | —:— | | 03:44 | *59m* | 04:44 | *17h 13m* | 21:58 | *59m* | 22:58 | | —:— | | —:— | *6h 46m* | | —:— – —:— | – | Naut. MD | Fr, 23. Jun |
| Sa, 24. Jun | MESZ | | | Astr. MD | | 11:03 | 01:05 | —:— | | —:— | | 03:45 | *59m* | 04:45 | *17h 13m* | 21:58 | *59m* | 22:58 | *2h 16m* | 01:14* | | —:— | *6h 46m* | | 01:14* – 01:29* | *14m* | $ND_+$ *bis* $ND_-$ | Sa, 24. Jun |
| So, 25. Jun | MESZ | | | Astr. MD | | 12:17 | 01:14 | —:— | | 01:29 | *2h 16m* | 03:45 | *59m* | 04:45 | *17h 13m* | 21:58 | *59m* | 22:58 | *2h 12m* | 01:10* | | —:— | *6h 47m* | | 01:22* – 01:34* | *12m* | $M_↘$ *bis* $ND_-$ | So, 25. Jun |
| Mo, 26. Jun | MESZ | | | Astr. MD | ◐ | 13:32 | 01:22 | —:— | | 01:34 | *2h 12m* | 03:46 | *59m* | 04:45 | *17h 12m* | 21:58 | *59m* | 22:58 | *2h 08m* | 01:06* | | —:— | *6h 47m* | | 01:29* – 01:38* | *8m* | $M_↘$ *bis* $ND_-$ | Mo, 26. Jun |
| Di, 27. Jun | MESZ | | | Astr. MD | | 14:48 | 01:29 | —:— | | 01:38 | *2h 08m* | 03:46 | *59m* | 04:46 | *17h 12m* | 21:58 | *59m* | 22:57 | *2h 05m* | 01:03* | | —:— | *6h 48m* | | 01:37* – 01:42* | *4m* | $M_↘$ *bis* $ND_-$ | Di, 27. Jun |
| Mi, 28. Jun | MESZ | | | Astr. MD | | 16:08 | 01:37 | —:— | | 01:42 | *2h 05m* | 03:47 | *59m* | 04:46 | *17h 11m* | 21:58 | *59m* | 22:57 | *2h 02m* | 00:59* | | —:— | *6h 49m* | | —:— – —:— | – | Mond stört | Mi, 28. Jun |
| Do, 29. Jun | MESZ | | | Astr. MD | | 17:33 | 01:47 | —:— | | 01:46 | *2h 02m* | 03:48 | *59m* | 04:47 | *17h 10m* | 21:57 | *59m* | 22:57 | *1h 59m* | 00:56* | | —:— | *6h 50m* | | —:— – —:— | – | Mond stört | Do, 29. Jun |
| Fr, 30. Jun | MESZ | | | Astr. MD | | 19:03 | 02:01 | —:— | | 01:49 | *1h 59m* | 03:49 | *59m* | 04:48 | *17h 09m* | 21:57 | *58m* | 22:56 | *1h 56m* | 00:52* | | —:— | *6h 51m* | | —:— – —:— | – | Mond stört | Fr, 30. Jun |
| Sa, 1. Jul | MESZ | | | Astr. MD | | 20:34 | 02:22 | —:— | | 01:53 | *1h 56m* | 03:49 | *59m* | 04:48 | *17h 08m* | 21:57 | *58m* | 22:56 | *1h 53m* | 00:49* | | —:— | *6h 52m* | | —:— – —:— | – | Mond stört | Sa, 1. Jul |
| So, 2. Jul | MESZ | | | Astr. MD | | 21:54 | 02:55 | —:— | | 01:57 | *1h 53m* | 03:50 | *58m* | 04:49 | *17h 07m* | 21:56 | *58m* | 22:55 | *1h 50m* | 00:46* | | —:— | *6h 53m* | | —:— – —:— | – | Mond stört | So, 2. Jul |
| Mo, 3. Jul | MESZ | | | Astr. MD | ○ | 22:53 | 03:48 | —:— | | 02:01 | *1h 50m* | 03:51 | *58m* | 04:50 | *17h 05m* | 21:56 | *58m* | 22:54 | *1h 48m* | 00:43* | | —:— | *6h 55m* | | —:— – —:— | – | Mond stört | Mo, 3. Jul |
| Di, 4. Jul | MESZ | | | Astr. MD | | 23:31 | 05:07 | —:— | | 02:04 | *1h 48m* | 03:53 | *58m* | 04:51 | *17h 04m* | 21:55 | *58m* | 22:53 | *1h 45m* | 00:39* | | —:— | *6h 56m* | | —:— – —:— | – | Mond stört | Di, 4. Jul |
| Mi, 5. Jul | MESZ | | | Astr. MD | | 23:55 | 06:42 | —:— | | 02:08 | *1h 45m* | 03:54 | *58m* | 04:52 | *17h 02m* | 21:55 | *57m* | 22:52 | *1h 43m* | 00:36* | | —:— | *6h 58m* | | —:— – —:— | – | Mond stört | Mi, 5. Jul |
| Do, 6. Jul | MESZ | | | Astr. MD | | —:— | 08:21 | —:— | | 02:11 | *1h 43m* | 03:55 | *57m* | 04:53 | *17h 01m* | 21:54 | *57m* | 22:52 | *1h 41m* | 00:33* | | —:— | *6h 59m* | | —:— – —:— | – | Mond stört | Do, 6. Jul |
| Fr, 7. Jul | MESZ | | | Astr. MD | | 00:11 | 09:57 | —:— | | 02:15 | *1h 41m* | 03:56 | *57m* | 04:54 | *16h 59m* | 21:53 | *57m* | 22:51 | *1h 39m* | 00:30* | | —:— | *7h 01m* | | —:— – —:— | – | Mond stört | Fr, 7. Jul |
| Sa, 8. Jul | MESZ | | | Astr. MD | | 00:23 | 11:29 | —:— | | 02:18 | *1h 39m* | 03:58 | *57m* | 04:55 | *16h 57m* | 21:53 | *56m* | 22:49 | *1h 37m* | 00:26* | | —:— | *7h 03m* | | 00:26* – 00:32* | *5m* | $ND_+$ *bis* $M_↗$ | Sa, 8. Jul |
| So, 9. Jul | MESZ | | | Astr. MD | | 00:32 | 12:57 | —:— | | 02:22 | *1h 37m* | 03:59 | *56m* | 04:56 | *16h 55m* | 21:52 | *56m* | 22:48 | *1h 34m* | 00:23* | | —:— | *7h 05m* | | 00:23* – 00:41* | *18m* | $ND_+$ *bis* $M_↗$ | So, 9. Jul |
| Mo, 10. Jul | MESZ | | | Astr. MD | ◑ | 00:41 | 14:22 | —:— | | 02:26 | *1h 34m* | 04:01 | *56m* | 04:57 | *16h 53m* | 21:51 | *56m* | 22:47 | *1h 33m* | 00:20* | | —:— | *7h 07m* | | 00:20* – 00:51* | *30m* | $ND_+$ *bis* $M_↗$ | Mo, 10. Jul |
| Di, 11. Jul | MESZ | | | Astr. MD | | 00:51 | 15:47 | —:— | | 02:29 | *1h 33m* | 04:02 | *56m* | 04:58 | *16h 51m* | 21:50 | *55m* | 22:46 | *1h 31m* | 00:17* | | —:— | *7h 09m* | | 00:17* – 01:02* | *45m* | $ND_+$ *bis* $M_↗$ | Di, 11. Jul |
| Mi, 12. Jul | MESZ | | | Astr. MD | | 01:02 | 17:12 | —:— | | 02:32 | *1h 31m* | 04:04 | *55m* | 04:59 | *16h 49m* | 21:49 | *55m* | 22:44 | *1h 29m* | 00:14* | | —:— | *7h 11m* | | 00:14* – 01:17* | *1h 03m* | $ND_+$ *bis* $M_↗$ | Mi, 12. Jul |
| Do, 13. Jul | MESZ | | | Astr. MD | | 01:17 | 18:35 | —:— | | 02:36 | *1h 29m* | 04:05 | *55m* | 05:01 | *16h 47m* | 21:48 | *55m* | 22:43 | *1h 27m* | 00:11* | | —:— | *7h 14m* | | 00:11* – 01:38* | *1h 27m* | $ND_+$ *bis* $M_↗$ | Do, 13. Jul |
| Fr, 14. Jul | MESZ | | | Astr. MD | | 01:38 | 19:52 | —:— | | 02:39 | *1h 27m* | 04:07 | *55m* | 05:02 | *16h 44m* | 21:47 | *54m* | 22:42 | *1h 25m* | 00:07* | | —:— | *7h 16m* | | 00:07* – 02:09* | *2h 01m* | $ND_+$ *bis* $M_↗$ | Fr, 14. Jul |
| Sa, 15. Jul | MESZ | | | Astr. MD | | 02:09 | 20:58 | —:— | | 02:43 | *1h 25m* | 04:09 | *54m* | 05:03 | *16h 42m* | 21:46 | *54m* | 22:40 | *1h 24m* | 00:04* | | —:— | *7h 19m* | | 00:04* – 02:46* | *2h 41m* | $ND_+$ *bis* $ND_-$ | Sa, 15. Jul |
| So, 16. Jul | MESZ | | | Astr. MD | | 02:53 | 21:48 | —:— | | 02:46 | *1h 24m* | 04:10 | *54m* | 05:05 | *16h 39m* | 21:44 | *54m* | 22:38 | *1h 22m* | 00:01* | | —:— | *7h 21m* | | 00:01* – 02:50* | *2h 48m* | $ND_+$ *bis* $ND_-$ | So, 16. Jul |
| Mo, 17. Jul | MESZ | | | Astr. MD | ● | 03:52 | 22:22 | —:— | | 02:50 | *1h 22m* | 04:12 | *54m* | 05:06 | *16h 37m* | 21:43 | *53m* | 22:37 | *1h 20m* | 23:58 | | —:— | *7h 24m* | | 23:58 – 02:53* | *2h 55m* | $ND_+$ *bis* $ND_-$ | Mo, 17. Jul |
| Di, 18. Jul | MESZ | | | Astr. MD | | 05:03 | 22:45 | —:— | | 02:53 | *1h 20m* | 04:14 | *53m* | 05:08 | *16h 34m* | 21:42 | *53m* | 22:35 | *1h 19m* | 23:55 | | —:— | *7h 27m* | | 23:55 – 02:56* | *3h 01m* | $ND_+$ *bis* $ND_-$ | Di, 18. Jul |
| Mi, 19. Jul | MESZ | | | Astr. MD | | 06:19 | 23:01 | —:— | | 02:56 | *1h 19m* | 04:16 | *53m* | 05:09 | *16h 31m* | 21:41 | *52m* | 22:33 | *1h 18m* | 23:52 | | —:— | *7h 29m* | | 23:52 – 02:59* | *3h 07m* | $ND_+$ *bis* $ND_-$ | Mi, 19. Jul |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2023 | Zeit- | Astr. dunkel und kein Mond | | | Mond | | | Beginn der Morgendämmerung | | | | | | Sonne | | | Ende der Abenddämmerung | | | | | | Nacht | Astr. N. | Naut. dunkel und kein Mond | | | 2023 |
| | zone | | $\Delta t$ | | Ph. | ↑ | ↓ | Astr. | $\Delta t$ | Naut. | $\Delta t$ | Bürg. | $\Delta t$ | ↑ | $\Delta t$ | ↓ | $\Delta t$ | Bürg. | $\Delta t$ | Naut. | $\Delta t$ | Astr. | $\Delta t$ | $\Delta t$ | | $\Delta t$ | | |
| Do, 20. Jul | MESZ | | | Astr. MD | | 07:35 | 23:13 | —:— | | 02:59 | *1h 18m* | 04:18 | *52m* | 05:10 | *16h 28m* | 21:39 | *52m* | 22:32 | *1h 16m* | 23:48 | | —:— | *7h 32m* | | 23:48 – 03:03* | *3h 14m* | $ND_+$ *bis* $ND_-$ | Do, 20. Jul |
| Fr, 21. Jul | MESZ | | | Astr. MD | | 08:51 | 23:22 | —:— | | 03:03 | *1h 16m* | 04:19 | *52m* | 05:12 | *16h 25m* | 21:38 | *52m* | 22:30 | *1h 15m* | 23:45 | | —:— | *7h 35m* | | 23:45 – 03:06* | *3h 20m* | $ND_+$ *bis* $ND_-$ | Fr, 21. Jul |
| Sa, 22. Jul | MESZ | | | Astr. MD | | 10:04 | 23:30 | —:— | | 03:06 | *1h 15m* | 04:21 | *52m* | 05:13 | *16h 22m* | 21:36 | *51m* | 22:28 | *1h 14m* | 23:42 | | —:— | *7h 38m* | | 23:42 – 03:09* | *3h 27m* | $ND_+$ *bis* $ND_-$ | Sa, 22. Jul |
| So, 23. Jul | MESZ | | | Astr. MD | | 11:18 | 23:37 | —:— | | 03:09 | *1h 14m* | 04:23 | *51m* | 05:15 | *16h 19m* | 21:35 | *51m* | 22:26 | *1h 12m* | 23:39 | | —:— | *7h 41m* | | 23:39 – 03:12* | *3h 33m* | $ND_+$ *bis* $ND_-$ | So, 23. Jul |
| Mo, 24. Jul | MESZ | | | Astr. MD | | 12:32 | 23:44 | —:— | | 03:12 | *1h 12m* | 04:25 | *51m* | 05:17 | *16h 16m* | 21:33 | *50m* | 22:24 | *1h 11m* | 23:36 | | —:— | *7h 44m* | | 23:44 – 03:16* | *3h 31m* | $M_\searrow$ *bis* $ND_-$ | Mo, 24. Jul |
| Di, 25. Jul | MESZ | | | Astr. MD | | 13:49 | 23:53 | —:— | | 03:16 | *1h 11m* | 04:27 | *50m* | 05:18 | *16h 13m* | 21:32 | *50m* | 22:22 | *1h 10m* | 23:33 | | —:— | *7h 48m* | | 23:53 – 03:19* | *3h 25m* | $M_\searrow$ *bis* $ND_-$ | Di, 25. Jul |
| Mi, 26. Jul | MESZ | | | Astr. MD | ◐ | 15:09 | —:— | —:— | | 03:19 | *1h 10m* | 04:29 | *50m* | 05:20 | *16h 10m* | 21:30 | *50m* | 22:20 | *1h 09m* | 23:30 | | —:— | *7h 51m* | | 00:05* – 03:22* | *3h 17m* | $M_\searrow$ *bis* $ND_-$ | Mi, 26. Jul |
| Do, 27. Jul | MESZ | | | Astr. MD | | 16:35 | 00:05 | —:— | | 03:22 | *1h 09m* | 04:31 | *50m* | 05:21 | *16h 06m* | 21:28 | *49m* | 22:18 | *1h 08m* | 23:26 | | —:— | *7h 54m* | | 00:21* – 03:25* | *3h 03m* | $M_\searrow$ *bis* $ND_-$ | Do, 27. Jul |
| Fr, 28. Jul | MESZ | | | Astr. MD | | 18:04 | 00:21 | —:— | | 03:25 | *1h 08m* | 04:33 | *49m* | 05:23 | *16h 03m* | 21:27 | *49m* | 22:16 | *1h 07m* | 23:23 | | —:— | *7h 58m* | | 00:47* – 03:28* | *2h 41m* | $M_\searrow$ *bis* $ND_-$ | Fr, 28. Jul |
| Sa, 29. Jul | MESZ | | | Astr. MD | | 19:29 | 00:47 | —:— | | 03:28 | *1h 07m* | 04:35 | *49m* | 05:25 | *16h 00m* | 21:25 | *49m* | 22:14 | *1h 06m* | 23:20 | | —:— | *8h 01m* | | 01:29* – 03:31* | *2h 02m* | $M_\searrow$ *bis* $ND_-$ | Sa, 29. Jul |
| So, 30. Jul | MESZ | | | Astr. MD | | 20:38 | 01:29 | —:— | | 03:31 | *1h 06m* | 04:37 | *49m* | 05:26 | *15h 56m* | 21:23 | *48m* | 22:12 | *1h 05m* | 23:17 | | —:— | *8h 04m* | | 02:35* – 03:34* | *59m* | $M_\searrow$ *bis* $ND_-$ | So, 30. Jul |
| Mo, 31. Jul | MESZ | | | Astr. MD | | 21:26 | 02:35 | —:— | | 03:34 | *1h 05m* | 04:39 | *48m* | 05:28 | *15h 53m* | 21:21 | *48m* | 22:10 | *1h 04m* | 23:14 | | —:— | *8h 08m* | | —:— – —:— | – | Mond stört | Mo, 31. Jul |
| Di, 1. Aug | MESZ | | | Astr. MD | ○ | 21:56 | 04:04 | —:— | | 03:37 | *1h 04m* | 04:41 | *48m* | 05:30 | *15h 49m* | 21:20 | *48m* | 22:08 | *1h 03m* | 23:11 | | —:— | *8h 11m* | | —:— – —:— | – | Mond stört | Di, 1. Aug |
| Mi, 2. Aug | MESZ | | | Astr. MD | | 22:15 | 05:44 | —:— | | 03:40 | *1h 03m* | 04:44 | *48m* | 05:32 | *15h 46m* | 21:18 | *47m* | 22:05 | *1h 02m* | 23:08 | | —:— | *8h 15m* | | —:— – —:— | – | Mond stört | Mi, 2. Aug |
| Do, 3. Aug | MESZ | —:— – —:— | – | Mond stört | | 22:29 | 07:25 | —:— | | 03:43 | *1h 02m* | 04:46 | *47m* | 05:33 | *15h 42m* | 21:16 | *47m* | 22:03 | *1h 01m* | 23:05 | *2h 08m* | 01:13* | *8h 19m* | *24m* | | | | Do, 3. Aug |
| Fr, 4. Aug | MESZ | —:— – —:— | – | Mond stört | | 22:39 | 09:02 | 01:38 | *2h 08m* | 03:46 | *1h 01m* | 04:48 | *47m* | 05:35 | *15h 38m* | 21:14 | *46m* | 22:01 | *1h 00m* | 23:02 | *1h 52m* | 00:54* | *8h 22m* | *1h 02m* | | | | Fr, 4. Aug |
| Sa, 5. Aug | MESZ | —:— – —:— | – | Mond stört | | 22:49 | 10:35 | 01:57 | *1h 52m* | 03:49 | *1h 00m* | 04:50 | *46m* | 05:37 | *15h 35m* | 21:12 | *46m* | 21:59 | *59m* | 22:58 | *1h 44m* | 00:43* | *8h 26m* | *1h 25m* | | | | Sa, 5. Aug |
| So, 6. Aug | MESZ | —:— – —:— | – | Mond stört | | 22:58 | 12:04 | 02:08 | *1h 44m* | 03:52 | *59m* | 04:52 | *46m* | 05:39 | *15h 31m* | 21:10 | *46m* | 21:56 | *59m* | 22:55 | *1h 38m* | 00:33* | *8h 30m* | *1h 43m* | | | | So, 6. Aug |
| Mo, 7. Aug | MESZ | —:— – —:— | – | Mond stört | | 23:09 | 13:32 | 02:17 | *1h 38m* | 03:55 | *59m* | 04:54 | *46m* | 05:40 | *15h 27m* | 21:08 | *45m* | 21:54 | *58m* | 22:52 | *1h 33m* | 00:25* | *8h 34m* | *1h 59m* | | | | Mo, 7. Aug |
| Di, 8. Aug | MESZ | —:— – —:— | – | Mond stört | ◑ | 23:23 | 14:59 | 02:25 | *1h 33m* | 03:58 | *58m* | 04:56 | *46m* | 05:42 | *15h 23m* | 21:06 | *45m* | 21:52 | *57m* | 22:49 | *1h 29m* | 00:18* | *8h 37m* | *2h 13m* | | | | Di, 8. Aug |
| Mi, 9. Aug | MESZ | —:— – —:— | – | Mond stört | | 23:41 | 16:24 | 02:31 | *1h 29m* | 04:01 | *57m* | 04:58 | *45m* | 05:44 | *15h 20m* | 21:04 | *45m* | 21:49 | *56m* | 22:46 | *1h 25m* | 00:12* | *8h 41m* | *2h 25m* | | | | Mi, 9. Aug |
| Do, 10. Aug | MESZ | 00:06* – 00:09* | *3m* | $AN_+$ *bis* $M_\nearrow$ | | —:— | 17:44 | 02:38 | *1h 25m* | 04:03 | *56m* | 05:00 | *45m* | 05:46 | *15h 16m* | 21:02 | *45m* | 21:47 | *56m* | 22:43 | *1h 22m* | 00:06* | *8h 45m* | *2h 37m* | | | | Do, 10. Aug |
| Fr, 11. Aug | MESZ | 00:00* – 00:49* | *48m* | $AN_+$ *bis* $M_\nearrow$ | | 00:09 | 18:53 | 02:43 | *1h 22m* | 04:06 | *56m* | 05:02 | *45m* | 05:47 | *15h 12m* | 21:00 | *44m* | 21:44 | *55m* | 22:40 | *1h 19m* | 00:00* | *8h 49m* | *2h 48m* | | | | Fr, 11. Aug |
| Sa, 12. Aug | MESZ | 23:54 – 01:44* | *1h 49m* | $AN_+$ *bis* $M_\nearrow$ | | 00:49 | 19:48 | 02:49 | *1h 19m* | 04:09 | *55m* | 05:04 | *44m* | 05:49 | *15h 08m* | 20:58 | *44m* | 21:42 | *54m* | 22:37 | *1h 17m* | 23:54 | *8h 53m* | *2h 59m* | | | | Sa, 12. Aug |
| So, 13. Aug | MESZ | 23:49 – 02:51* | *3h 02m* | $AN_+$ *bis* $M_\nearrow$ | | 01:44 | 20:26 | 02:54 | *1h 17m* | 04:12 | *54m* | 05:07 | *44m* | 05:51 | *15h 04m* | 20:55 | *44m* | 21:40 | *54m* | 22:34 | *1h 15m* | 23:49 | *8h 57m* | *3h 09m* | | | | So, 13. Aug |
| Mo, 14. Aug | MESZ | 23:44 – 03:04* | *3h 19m* | $AN_+$ *bis* $AN_-$ | | 02:51 | 20:52 | 02:59 | *1h 15m* | 04:14 | *54m* | 05:09 | *44m* | 05:53 | *15h 00m* | 20:53 | *43m* | 21:37 | *53m* | 22:31 | *1h 13m* | 23:44 | *9h 01m* | *3h 19m* | | | | Mo, 14. Aug |
| Di, 15. Aug | MESZ | 23:39 – 03:08* | *3h 28m* | $AN_+$ *bis* $AN_-$ | | 04:06 | 21:09 | 03:04 | *1h 13m* | 04:17 | *53m* | 05:11 | *43m* | 05:55 | *14h 56m* | 20:51 | *43m* | 21:35 | *53m* | 22:28 | *1h 11m* | 23:39 | *9h 05m* | *3h 28m* | | | | Di, 15. Aug |
| Mi, 16. Aug | MESZ | 23:35 – 03:12* | *3h 37m* | $AN_+$ *bis* $AN_-$ | ● | 05:23 | 21:22 | 03:08 | *1h 11m* | 04:20 | *53m* | 05:13 | *43m* | 05:56 | *14h 52m* | 20:49 | *43m* | 21:32 | *52m* | 22:25 | *1h 09m* | 23:35 | *9h 09m* | *3h 37m* | | | | Mi, 16. Aug |
| Do, 17. Aug | MESZ | 23:30 – 03:17* | *3h 46m* | $AN_+$ *bis* $AN_-$ | | 06:39 | 21:31 | 03:12 | *1h 09m* | 04:22 | *52m* | 05:15 | *43m* | 05:58 | *14h 48m* | 20:47 | *43m* | 21:30 | *52m* | 22:22 | *1h 08m* | 23:30 | *9h 13m* | *3h 46m* | | | | Do, 17. Aug |
| Fr, 18. Aug | MESZ | 23:25 – 03:21* | *3h 55m* | $AN_+$ *bis* $AN_-$ | | 07:54 | 21:39 | 03:17 | *1h 08m* | 04:25 | *52m* | 05:17 | *43m* | 06:00 | *14h 44m* | 20:44 | *42m* | 21:27 | *51m* | 22:19 | *1h 06m* | 23:25 | *9h 17m* | *3h 55m* | | | | Fr, 18. Aug |
| Sa, 19. Aug | MESZ | 23:21 – 03:25* | *4h 03m* | $AN_+$ *bis* $AN_-$ | | 09:07 | 21:46 | 03:21 | *1h 06m* | 04:27 | *51m* | 05:19 | *42m* | 06:02 | *14h 40m* | 20:42 | *42m* | 21:25 | *51m* | 22:16 | *1h 05m* | 23:21 | *9h 21m* | *4h 03m* | | | | Sa, 19. Aug |
| So, 20. Aug | MESZ | 23:17 – 03:28* | *4h 11m* | $AN_+$ *bis* $AN_-$ | | 10:21 | 21:53 | 03:25 | *1h 05m* | 04:30 | *51m* | 05:21 | *42m* | 06:04 | *14h 36m* | 20:40 | *42m* | 21:22 | *50m* | 22:13 | *1h 04m* | 23:17 | *9h 25m* | *4h 11m* | | | | So, 20. Aug |
| Mo, 21. Aug | MESZ | 23:13 – 03:32* | *4h 19m* | $AN_+$ *bis* $AN_-$ | | 11:36 | 22:01 | 03:28 | *1h 04m* | 04:33 | *50m* | 05:23 | *42m* | 06:06 | *14h 31m* | 20:38 | *42m* | 21:20 | *50m* | 22:10 | *1h 02m* | 23:13 | *9h 29m* | *4h 19m* | | | | Mo, 21. Aug |
| Di, 22. Aug | MESZ | 23:08 – 03:36* | *4h 27m* | $AN_+$ *bis* $AN_-$ | | 12:54 | 22:11 | 03:32 | *1h 02m* | 04:35 | *50m* | 05:25 | *42m* | 06:07 | *14h 27m* | 20:35 | *41m* | 21:17 | *49m* | 22:07 | *1h 01m* | 23:08 | *9h 33m* | *4h 27m* | | | | Di, 22. Aug |
| Mi, 23. Aug | MESZ | 23:04 – 03:39* | *4h 34m* | $AN_+$ *bis* $AN_-$ | | 14:16 | 22:25 | 03:36 | *1h 01m* | 04:38 | *49m* | 05:27 | *41m* | 06:09 | *14h 23m* | 20:33 | *41m* | 21:15 | *49m* | 22:04 | *1h 00m* | 23:04 | *9h 38m* | *4h 34m* | | | | Mi, 23. Aug |
| Do, 24. Aug | MESZ | 23:00 – 03:43* | *4h 42m* | $AN_+$ *bis* $AN_-$ | ◐ | 15:42 | 22:45 | 03:39 | *1h 00m* | 04:40 | *49m* | 05:29 | *41m* | 06:11 | *14h 19m* | 20:31 | *41m* | 21:12 | *48m* | 22:01 | *59m* | 23:00 | *9h 42m* | *4h 42m* | | | | Do, 24. Aug |
| Fr, 25. Aug | MESZ | 23:18 – 03:46* | *4h 28m* | $M_\searrow$ *bis* $AN_-$ | | 17:07 | 23:18 | 03:43 | *59m* | 04:42 | *48m* | 05:31 | *41m* | 06:13 | *14h 15m* | 20:28 | *41m* | 21:09 | *48m* | 21:58 | *58m* | 22:57 | *9h 46m* | *4h 49m* | | | | Fr, 25. Aug |
| Sa, 26. Aug | MESZ | 00:10* – 03:49* | *3h 39m* | $M_\searrow$ *bis* $AN_-$ | | 18:22 | —:— | 03:46 | *58m* | 04:45 | *48m* | 05:33 | *41m* | 06:15 | *14h 11m* | 20:26 | *41m* | 21:07 | *47m* | 21:55 | *57m* | 22:53 | *9h 50m* | *4h 56m* | | | | Sa, 26. Aug |
| So, 27. Aug | MESZ | 01:27* – 03:53* | *2h 25m* | $M_\searrow$ *bis* $AN_-$ | | 19:18 | 00:10 | 03:49 | *57m* | 04:47 | *48m* | 05:35 | *41m* | 06:16 | *14h 07m* | 20:23 | *40m* | 21:04 | *47m* | 21:52 | *56m* | 22:49 | *9h 54m* | *5h 03m* | | | | So, 27. Aug |
| Mo, 28. Aug | MESZ | 03:02* – 03:56* | *53m* | $M_\searrow$ *bis* $AN_-$ | | 19:55 | 01:27 | 03:53 | *57m* | 04:50 | *47m* | 05:37 | *40m* | 06:18 | *14h 02m* | 20:21 | *40m* | 21:02 | *47m* | 21:49 | *56m* | 22:45 | *9h 59m* | *5h 10m* | | | | Mo, 28. Aug |
| Di, 29. Aug | MESZ | —:— – —:— | – | Mond stört | | 20:18 | 03:02 | 03:56 | *56m* | 04:52 | *47m* | 05:39 | *40m* | 06:20 | *13h 58m* | 20:19 | *40m* | 20:59 | *46m* | 21:46 | *55m* | 22:41 | *10h 03m* | *5h 17m* | | | | Di, 29. Aug |
| Mi, 30. Aug | MESZ | —:— – —:— | – | Mond stört | | 20:33 | 04:44 | 03:59 | *55m* | 04:54 | *46m* | 05:41 | *40m* | 06:22 | *13h 54m* | 20:16 | *40m* | 20:56 | *46m* | 21:43 | *54m* | 22:38 | *10h 07m* | *5h 24m* | | | | Mi, 30. Aug |
| Do, 31. Aug | MESZ | —:— – —:— | – | Mond stört | ○ | 20:45 | 06:24 | 04:02 | *54m* | 04:57 | *46m* | 05:43 | *40m* | 06:24 | *13h 50m* | 20:14 | *40m* | 20:54 | *46m* | 21:40 | *53m* | 22:34 | *10h 11m* | *5h 30m* | | | | Do, 31. Aug |
| Fr, 1. Sep | MESZ | —:— – —:— | – | Mond stört | | 20:55 | 08:01 | 04:05 | *54m* | 04:59 | *46m* | 05:45 | *40m* | 06:25 | *13h 45m* | 20:11 | *39m* | 20:51 | *45m* | 21:37 | *53m* | 22:31 | *10h 15m* | *5h 37m* | | | | Fr, 1. Sep |
| Sa, 2. Sep | MESZ | —:— – —:— | – | Mond stört | | 21:05 | 09:35 | 04:08 | *53m* | 05:01 | *45m* | 05:47 | *39m* | 06:27 | *13h 41m* | 20:09 | *39m* | 20:49 | *45m* | 21:34 | *52m* | 22:27 | *10h 20m* | *5h 43m* | | | | Sa, 2. Sep |
| So, 3. Sep | MESZ | —:— – —:— | – | Mond stört | | 21:15 | 11:06 | 04:11 | *52m* | 05:04 | *45m* | 05:49 | *39m* | 06:29 | *13h 37m* | 20:06 | *39m* | 20:46 | *45m* | 21:31 | *52m* | 22:23 | *10h 24m* | *5h 50m* | | | | So, 3. Sep |
| Mo, 4. Sep | MESZ | —:— – —:— | – | Mond stört | | 21:27 | 12:37 | 04:14 | *52m* | 05:06 | *45m* | 05:51 | *39m* | 06:31 | *13h 33m* | 20:04 | *39m* | 20:43 | *45m* | 21:29 | *51m* | 22:20 | *10h 28m* | *5h 56m* | | | | Mo, 4. Sep |
| Di, 5. Sep | MESZ | —:— – —:— | – | Mond stört | | 21:44 | 14:06 | 04:17 | *51m* | 05:08 | *45m* | 05:53 | *39m* | 06:33 | *13h 28m* | 20:02 | *39m* | 20:41 | *44m* | 21:26 | *50m* | 22:17 | *10h 32m* | *6h 02m* | | | | Di, 5. Sep |
| Mi, 6. Sep | MESZ | —:— – —:— | – | Mond stört | | 22:08 | 15:31 | 04:19 | *51m* | 05:10 | *44m* | 05:55 | *39m* | 06:35 | *13h 24m* | 19:59 | *39m* | 20:38 | *44m* | 21:23 | *50m* | 22:13 | *10h 37m* | *6h 08m* | | | | Mi, 6. Sep |
| Do, 7. Sep | MESZ | 22:10 – 22:44 | *34m* | $AN_+$ *bis* $M_\nearrow$ | ◑ | 22:44 | 16:46 | 04:22 | *50m* | 05:13 | *44m* | 05:57 | *39m* | 06:36 | *13h 20m* | 19:57 | *39m* | 20:36 | *44m* | 21:20 | *49m* | 22:10 | *10h 41m* | *6h 14m* | | | | Do, 7. Sep |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2023 | Zeit- | Astr. dunkel und kein Mond | | | Mond | | | Beginn der Morgendämmerung | | | | | | Sonne | | | Ende der Abenddämmerung | | | | | | Nacht | Astr. N. | Naut. dunkel und kein Mond | | | 2023 |
| | zone | | $\Delta t$ | | Ph. | ↑ | ↓ | Astr. | $\Delta t$ | Naut. | $\Delta t$ | Bürg. | $\Delta t$ | ↑ | $\Delta t$ | ↓ | $\Delta t$ | Bürg. | $\Delta t$ | Naut. | $\Delta t$ | Astr. | $\Delta t$ | $\Delta t$ | | $\Delta t$ | | |
| Fr, 8. Sep | MESZ | 22:07 – 23:35 | *1h 28m* | $AN_+$ *bis* $M_↑$ | | 23:35 | 17:46 | 04:25 | *49m* | 05:15 | *44m* | 05:59 | *39m* | 06:38 | *13h 15m* | 19:54 | *38m* | 20:33 | *43m* | 21:17 | *49m* | 22:07 | *10h 45m* | *6h 20m* | | | | Fr, 8. Sep |
| Sa, 9. Sep | MESZ | 22:03 – 00:40* | *2h 36m* | $AN_+$ *bis* $M_↑$ | | —:— | 18:30 | 04:27 | *49m* | 05:17 | *44m* | 06:01 | *39m* | 06:40 | *13h 11m* | 19:52 | *38m* | 20:30 | *43m* | 21:14 | *49m* | 22:03 | *10h 50m* | *6h 26m* | | | | Sa, 9. Sep |
| So, 10. Sep | MESZ | 22:00 – 01:53* | *3h 53m* | $AN_+$ *bis* $M_↑$ | | 00:40 | 18:58 | 04:30 | *49m* | 05:19 | *43m* | 06:03 | *38m* | 06:42 | *13h 07m* | 19:49 | *38m* | 20:28 | *43m* | 21:11 | *48m* | 22:00 | *10h 54m* | *6h 32m* | | | | So, 10. Sep |
| Mo, 11. Sep | MESZ | 21:57 – 03:10* | *5h 13m* | $AN_+$ *bis* $M_↑$ | | 01:53 | 19:17 | 04:33 | *48m* | 05:21 | *43m* | 06:05 | *38m* | 06:44 | *13h 03m* | 19:47 | *38m* | 20:25 | *43m* | 21:09 | *48m* | 21:57 | *10h 58m* | *6h 38m* | | | | Mo, 11. Sep |
| Di, 12. Sep | MESZ | 21:53 – 04:27* | *6h 33m* | $AN_+$ *bis* $M_↑$ | | 03:10 | 19:31 | 04:35 | *48m* | 05:23 | *43m* | 06:07 | *38m* | 06:45 | *12h 58m* | 19:44 | *38m* | 20:23 | *43m* | 21:06 | *47m* | 21:53 | *11h 03m* | *6h 44m* | | | | Di, 12. Sep |
| Mi, 13. Sep | MESZ | 21:50 – 04:40* | *6h 49m* | $AN_+$ *bis* $AN_-$ | | 04:27 | 19:41 | 04:38 | *47m* | 05:25 | *43m* | 06:09 | *38m* | 06:47 | *12h 54m* | 19:42 | *38m* | 20:20 | *42m* | 21:03 | *47m* | 21:50 | *11h 07m* | *6h 49m* | | | | Mi, 13. Sep |
| Do, 14. Sep | MESZ | 21:47 – 04:43* | *6h 55m* | $AN_+$ *bis* $AN_-$ | | 05:42 | 19:49 | 04:40 | *47m* | 05:27 | *42m* | 06:10 | *38m* | 06:49 | *12h 50m* | 19:39 | *38m* | 20:17 | *42m* | 21:00 | *47m* | 21:47 | *11h 11m* | *6h 55m* | | | | Do, 14. Sep |
| Fr, 15. Sep | MESZ | 21:44 – 04:45* | *7h 00m* | $AN_+$ *bis* $AN_-$ | ● | 06:56 | 19:56 | 04:43 | *47m* | 05:30 | *42m* | 06:12 | *38m* | 06:51 | *12h 45m* | 19:37 | *38m* | 20:15 | *42m* | 20:57 | *46m* | 21:44 | *11h 16m* | *7h 00m* | | | | Fr, 15. Sep |
| Sa, 16. Sep | MESZ | 21:41 – 04:47* | *7h 06m* | $AN_+$ *bis* $AN_-$ | | 08:10 | 20:03 | 04:45 | *46m* | 05:32 | *42m* | 06:14 | *38m* | 06:53 | *12h 41m* | 19:34 | *38m* | 20:12 | *42m* | 20:55 | *46m* | 21:41 | *11h 20m* | *7h 06m* | | | | Sa, 16. Sep |
| So, 17. Sep | MESZ | 21:38 – 04:50* | *7h 11m* | $AN_+$ *bis* $AN_-$ | | 09:25 | 20:10 | 04:47 | *46m* | 05:34 | *42m* | 06:16 | *38m* | 06:54 | *12h 37m* | 19:32 | *38m* | 20:10 | *42m* | 20:52 | *46m* | 21:38 | *11h 24m* | *7h 11m* | | | | So, 17. Sep |
| Mo, 18. Sep | MESZ | 21:35 – 04:52* | *7h 17m* | $AN_+$ *bis* $AN_-$ | | 10:43 | 20:19 | 04:50 | *46m* | 05:36 | *42m* | 06:18 | *38m* | 06:56 | *12h 32m* | 19:29 | *38m* | 20:07 | *42m* | 20:49 | *45m* | 21:35 | *11h 28m* | *7h 17m* | | | | Mo, 18. Sep |
| Di, 19. Sep | MESZ | 21:32 – 04:54* | *7h 22m* | $AN_+$ *bis* $AN_-$ | | 12:04 | 20:31 | 04:52 | *45m* | 05:38 | *42m* | 06:20 | *38m* | 06:58 | *12h 28m* | 19:27 | *37m* | 20:04 | *41m* | 20:46 | *45m* | 21:32 | *11h 33m* | *7h 22m* | | | | Di, 19. Sep |
| Mi, 20. Sep | MESZ | 21:29 – 04:57* | *7h 27m* | $AN_+$ *bis* $AN_-$ | | 13:28 | 20:48 | 04:54 | *45m* | 05:40 | *41m* | 06:22 | *38m* | 07:00 | *12h 24m* | 19:24 | *37m* | 20:02 | *41m* | 20:44 | *45m* | 21:29 | *11h 37m* | *7h 27m* | | | | Mi, 20. Sep |
| Do, 21. Sep | MESZ | 21:26 – 04:59* | *7h 33m* | $AN_+$ *bis* $AN_-$ | | 14:53 | 21:15 | 04:57 | *45m* | 05:42 | *41m* | 06:24 | *38m* | 07:02 | *12h 19m* | 19:21 | *37m* | 19:59 | *41m* | 20:41 | *44m* | 21:26 | *11h 41m* | *7h 33m* | | | | Do, 21. Sep |
| Fr, 22. Sep | MESZ | 21:58 – 05:01* | *7h 02m* | $M_↓$ *bis* $AN_-$ | ◐ | 16:10 | 21:58 | 04:59 | *44m* | 05:44 | *41m* | 06:26 | *37m* | 07:03 | *12h 15m* | 19:19 | *37m* | 19:57 | *41m* | 20:38 | *44m* | 21:23 | *11h 46m* | *7h 38m* | | | | Fr, 22. Sep |
| Sa, 23. Sep | MESZ | 23:04 – 05:03* | *5h 59m* | $M_↓$ *bis* $AN_-$ | | 17:12 | 23:04 | 05:01 | *44m* | 05:46 | *41m* | 06:27 | *37m* | 07:05 | *12h 11m* | 19:16 | *37m* | 19:54 | *41m* | 20:36 | *44m* | 21:20 | *11h 50m* | *7h 43m* | | | | Sa, 23. Sep |
| So, 24. Sep | MESZ | 00:30* – 05:06* | *4h 35m* | $M_↓$ *bis* $AN_-$ | | 17:54 | —:— | 05:03 | *44m* | 05:48 | *41m* | 06:29 | *37m* | 07:07 | *12h 06m* | 19:14 | *37m* | 19:52 | *41m* | 20:33 | *44m* | 21:17 | *11h 55m* | *7h 48m* | | | | So, 24. Sep |
| Mo, 25. Sep | MESZ | 02:06* – 05:08* | *3h 01m* | $M_↓$ *bis* $AN_-$ | | 18:21 | 00:30 | 05:06 | *44m* | 05:50 | *41m* | 06:31 | *37m* | 07:09 | *12h 02m* | 19:11 | *37m* | 19:49 | *41m* | 20:30 | *43m* | 21:14 | *11h 59m* | *7h 53m* | | | | Mo, 25. Sep |
| Di, 26. Sep | MESZ | 03:45* – 05:10* | *1h 24m* | $M_↓$ *bis* $AN_-$ | | 18:39 | 02:06 | 05:08 | *43m* | 05:52 | *41m* | 06:33 | *37m* | 07:11 | *11h 58m* | 19:09 | *37m* | 19:47 | *41m* | 20:28 | *43m* | 21:11 | *12h 03m* | *7h 58m* | | | | Di, 26. Sep |
| Mi, 27. Sep | MESZ | —:— – —:— | – | Mond stört | | 18:51 | 03:45 | 05:10 | *43m* | 05:54 | *41m* | 06:35 | *37m* | 07:13 | *11h 53m* | 19:06 | *37m* | 19:44 | *40m* | 20:25 | *43m* | 21:09 | *12h 08m* | *8h 03m* | | | | Mi, 27. Sep |
| Do, 28. Sep | MESZ | —:— – —:— | – | Mond stört | | 19:02 | 05:23 | 05:12 | *43m* | 05:56 | *41m* | 06:37 | *37m* | 07:14 | *11h 49m* | 19:04 | *37m* | 19:42 | *40m* | 20:22 | *43m* | 21:06 | *12h 12m* | *8h 08m* | | | | Do, 28. Sep |
| Fr, 29. Sep | MESZ | —:— – —:— | – | Mond stört | ○ | 19:11 | 06:58 | 05:14 | *43m* | 05:57 | *40m* | 06:38 | *37m* | 07:16 | *11h 45m* | 19:01 | *37m* | 19:39 | *40m* | 20:20 | *43m* | 21:03 | *12h 16m* | *8h 13m* | | | | Fr, 29. Sep |
| Sa, 30. Sep | MESZ | —:— – —:— | – | Mond stört | | 19:21 | 08:31 | 05:16 | *43m* | 05:59 | *40m* | 06:40 | *37m* | 07:18 | *11h 40m* | 18:59 | *37m* | 19:37 | *40m* | 20:17 | *42m* | 21:00 | *12h 21m* | *8h 17m* | | | | Sa, 30. Sep |
| So, 1. Okt | MESZ | —:— – —:— | – | Mond stört | | 19:32 | 10:04 | 05:18 | *43m* | 06:01 | *40m* | 06:42 | *37m* | 07:20 | *11h 36m* | 18:56 | *37m* | 19:34 | *40m* | 20:15 | *42m* | 20:58 | *12h 25m* | *8h 22m* | | | | So, 1. Okt |
| Mo, 2. Okt | MESZ | —:— – —:— | – | Mond stört | | 19:47 | 11:37 | 05:20 | *42m* | 06:03 | *40m* | 06:44 | *37m* | 07:22 | *11h 32m* | 18:54 | *37m* | 19:32 | *40m* | 20:12 | *42m* | 20:55 | *12h 29m* | *8h 27m* | | | | Mo, 2. Okt |
| Di, 3. Okt | MESZ | —:— – —:— | – | Mond stört | | 20:08 | 13:07 | 05:22 | *42m* | 06:05 | *40m* | 06:46 | *37m* | 07:24 | *11h 27m* | 18:51 | *37m* | 19:29 | *40m* | 20:10 | *42m* | 20:52 | *12h 34m* | *8h 32m* | | | | Di, 3. Okt |
| Mi, 4. Okt | MESZ | —:— – —:— | – | Mond stört | | 20:39 | 14:30 | 05:24 | *42m* | 06:07 | *40m* | 06:48 | *37m* | 07:25 | *11h 23m* | 18:49 | *37m* | 19:27 | *40m* | 20:07 | *42m* | 20:50 | *12h 38m* | *8h 36m* | | | | Mi, 4. Okt |
| Do, 5. Okt | MESZ | 20:47 – 21:25 | *37m* | $AN_+$ *bis* $M_↑$ | | 21:25 | 15:39 | 05:26 | *42m* | 06:09 | *40m* | 06:50 | *37m* | 07:27 | *11h 19m* | 18:47 | *37m* | 19:24 | *40m* | 20:05 | *42m* | 20:47 | *12h 42m* | *8h 41m* | | | | Do, 5. Okt |
| Fr, 6. Okt | MESZ | 20:44 – 22:26 | *1h 41m* | $AN_+$ *bis* $M_↑$ | ◑ | 22:26 | 16:29 | 05:28 | *42m* | 06:11 | *40m* | 06:51 | *37m* | 07:29 | *11h 14m* | 18:44 | *37m* | 19:22 | *40m* | 20:02 | *42m* | 20:44 | *12h 46m* | *8h 46m* | | | | Fr, 6. Okt |
| Sa, 7. Okt | MESZ | 20:42 – 23:38 | *2h 55m* | $AN_+$ *bis* $M_↑$ | | 23:38 | 17:03 | 05:30 | *42m* | 06:13 | *40m* | 06:53 | *37m* | 07:31 | *11h 10m* | 18:42 | *37m* | 19:19 | *40m* | 20:00 | *42m* | 20:42 | *12h 51m* | *8h 50m* | | | | Sa, 7. Okt |
| So, 8. Okt | MESZ | 20:39 – 00:55* | *4h 15m* | $AN_+$ *bis* $M_↑$ | | —:— | 17:25 | 05:32 | *42m* | 06:15 | *40m* | 06:55 | *37m* | 07:33 | *11h 06m* | 18:39 | *37m* | 19:17 | *40m* | 19:57 | *41m* | 20:39 | *12h 55m* | *8h 55m* | | | | So, 8. Okt |
| Mo, 9. Okt | MESZ | 20:37 – 02:12* | *5h 35m* | $AN_+$ *bis* $M_↑$ | | 00:55 | 17:40 | 05:34 | *42m* | 06:16 | *40m* | 06:57 | *37m* | 07:35 | *11h 01m* | 18:37 | *37m* | 19:15 | *40m* | 19:55 | *41m* | 20:37 | *12h 59m* | *8h 59m* | | | | Mo, 9. Okt |
| Di, 10. Okt | MESZ | 20:34 – 03:28* | *6h 53m* | $AN_+$ *bis* $M_↑$ | | 02:12 | 17:50 | 05:36 | *41m* | 06:18 | *40m* | 06:59 | *37m* | 07:37 | *10h 57m* | 18:34 | *37m* | 19:12 | *40m* | 19:53 | *41m* | 20:34 | *13h 04m* | *9h 03m* | | | | Di, 10. Okt |
| Mi, 11. Okt | MESZ | 20:32 – 04:42* | *8h 10m* | $AN_+$ *bis* $M_↑$ | | 03:28 | 17:59 | 05:38 | *41m* | 06:20 | *40m* | 07:01 | *38m* | 07:39 | *10h 53m* | 18:32 | *37m* | 19:10 | *40m* | 19:50 | *41m* | 20:32 | *13h 08m* | *9h 08m* | | | | Mi, 11. Okt |
| Do, 12. Okt | MESZ | 20:29 – 05:42* | *9h 12m* | $AN_+$ *bis* $AN_-$ | | 04:42 | 18:06 | 05:40 | *41m* | 06:22 | *40m* | 07:02 | *38m* | 07:40 | *10h 49m* | 18:30 | *37m* | 19:08 | *40m* | 19:48 | *41m* | 20:29 | *13h 12m* | *9h 12m* | | | | Do, 12. Okt |
| Fr, 13. Okt | MESZ | 20:27 – 05:44* | *9h 16m* | $AN_+$ *bis* $AN_-$ | | 05:57 | 18:13 | 05:42 | *41m* | 06:24 | *40m* | 07:04 | *38m* | 07:42 | *10h 44m* | 18:27 | *38m* | 19:05 | *40m* | 19:46 | *41m* | 20:27 | *13h 17m* | *9h 16m* | | | | Fr, 13. Okt |
| Sa, 14. Okt | MESZ | 20:25 – 05:46* | *9h 21m* | $AN_+$ *bis* $AN_-$ | ● | 07:12 | 18:20 | 05:44 | *41m* | 06:26 | *40m* | 07:06 | *38m* | 07:44 | *10h 40m* | 18:25 | *38m* | 19:03 | *40m* | 19:43 | *41m* | 20:25 | *13h 21m* | *9h 21m* | | | | Sa, 14. Okt |
| So, 15. Okt | MESZ | 20:22 – 05:48* | *9h 25m* | $AN_+$ *bis* $AN_-$ | | 08:29 | 18:28 | 05:46 | *41m* | 06:27 | *40m* | 07:08 | *38m* | 07:46 | *10h 36m* | 18:22 | *38m* | 19:01 | *40m* | 19:41 | *41m* | 20:22 | *13h 25m* | *9h 25m* | | | | So, 15. Okt |
| Mo, 16. Okt | MESZ | 20:20 – 05:50* | *9h 29m* | $AN_+$ *bis* $AN_-$ | | 09:50 | 18:39 | 05:48 | *41m* | 06:29 | *40m* | 07:10 | *38m* | 07:48 | *10h 31m* | 18:20 | *38m* | 18:58 | *40m* | 19:39 | *41m* | 20:20 | *13h 29m* | *9h 29m* | | | | Mo, 16. Okt |
| Di, 17. Okt | MESZ | 20:18 – 05:52* | *9h 33m* | $AN_+$ *bis* $AN_-$ | | 11:15 | 18:54 | 05:50 | *41m* | 06:31 | *40m* | 07:12 | *38m* | 07:50 | *10h 27m* | 18:18 | *38m* | 18:56 | *40m* | 19:36 | *41m* | 20:18 | *13h 34m* | *9h 33m* | | | | Di, 17. Okt |
| Mi, 18. Okt | MESZ | 20:16 – 05:53* | *9h 37m* | $AN_+$ *bis* $AN_-$ | | 12:41 | 19:18 | 05:52 | *41m* | 06:33 | *40m* | 07:13 | *38m* | 07:52 | *10h 23m* | 18:15 | *38m* | 18:54 | *40m* | 19:34 | *41m* | 20:16 | *13h 38m* | *9h 37m* | | | | Mi, 18. Okt |
| Do, 19. Okt | MESZ | 20:13 – 05:55* | *9h 41m* | $AN_+$ *bis* $AN_-$ | | 14:01 | 19:55 | 05:53 | *41m* | 06:35 | *40m* | 07:15 | *38m* | 07:54 | *10h 19m* | 18:13 | *38m* | 18:52 | *40m* | 19:32 | *41m* | 20:13 | *13h 42m* | *9h 41m* | | | | Do, 19. Okt |
| Fr, 20. Okt | MESZ | 20:53 – 05:57* | *9h 04m* | $M_↓$ *bis* $AN_-$ | | 15:08 | 20:53 | 05:55 | *41m* | 06:37 | *40m* | 07:17 | *38m* | 07:56 | *10h 14m* | 18:11 | *38m* | 18:49 | *40m* | 19:30 | *41m* | 20:11 | *13h 46m* | *9h 45m* | | | | Fr, 20. Okt |
| Sa, 21. Okt | MESZ | 22:11 – 05:59* | *7h 48m* | $M_↓$ *bis* $AN_-$ | | 15:55 | 22:11 | 05:57 | *41m* | 06:38 | *40m* | 07:19 | *38m* | 07:58 | *10h 10m* | 18:09 | *38m* | 18:47 | *40m* | 19:28 | *41m* | 20:09 | *13h 51m* | *9h 49m* | | | | Sa, 21. Okt |
| So, 22. Okt | MESZ | 23:42 – 06:01* | *6h 18m* | $M_↓$ *bis* $AN_-$ | ◐ | 16:25 | 23:42 | 05:59 | *41m* | 06:40 | *40m* | 07:21 | *38m* | 08:00 | *10h 06m* | 18:06 | *38m* | 18:45 | *40m* | 19:26 | *41m* | 20:07 | *13h 55m* | *9h 53m* | | | | So, 22. Okt |
| Mo, 23. Okt | MESZ | 01:17* – 06:03* | *4h 45m* | $M_↓$ *bis* $AN_-$ | | 16:45 | —:— | 06:01 | *41m* | 06:42 | *40m* | 07:23 | *38m* | 08:02 | *10h 02m* | 18:04 | *38m* | 18:43 | *40m* | 19:24 | *41m* | 20:05 | *13h 59m* | *9h 57m* | | | | Mo, 23. Okt |
| Di, 24. Okt | MESZ | 02:52* – 06:04* | *3h 12m* | $M_↓$ *bis* $AN_-$ | | 16:59 | 01:17 | 06:03 | *41m* | 06:44 | *40m* | 07:25 | *39m* | 08:04 | *9h 58m* | 18:02 | *39m* | 18:41 | *40m* | 19:22 | *41m* | 20:03 | *14h 03m* | *10h 01m* | | | | Di, 24. Okt |
| Mi, 25. Okt | MESZ | 04:25* – 06:06* | *1h 41m* | $M_↓$ *bis* $AN_-$ | | 17:09 | 02:52 | 06:04 | *41m* | 06:46 | *40m* | 07:26 | *39m* | 08:06 | *9h 54m* | 18:00 | *39m* | 18:39 | *40m* | 19:20 | *41m* | 20:01 | *14h 07m* | *10h 05m* | | | | Mi, 25. Okt |
| Do, 26. Okt | MESZ | 05:57* – 06:08* | *11m* | $M_↓$ *bis* $AN_-$ | | 17:18 | 04:25 | 06:06 | *41m* | 06:47 | *40m* | 07:28 | *39m* | 08:08 | *9h 49m* | 17:57 | *39m* | 18:37 | *40m* | 19:18 | *41m* | 19:59 | *14h 12m* | *10h 09m* | | | | Do, 26. Okt |
| Fr, 27. Okt | MESZ | —:— – —:— | – | Mond stört | | 17:28 | 05:57 | 06:08 | *41m* | 06:49 | *40m* | 07:30 | *39m* | 08:10 | *9h 45m* | 17:55 | *39m* | 18:35 | *40m* | 19:16 | *41m* | 19:57 | *14h 16m* | *10h 12m* | | | | Fr, 27. Okt |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2023 | Zeit- | Astr. dunkel und kein Mond | | | Mond | | | Beginn der Morgendämmerung | | | | | | Sonne | | | Ende der Abenddämmerung | | | | | | Nacht | Astr. N. | Naut. dunkel und kein Mond | | | 2023 |
| | zone | | $\Delta t$ | | Ph. | ↑ | ↓ | Astr. | $\Delta t$ | Naut. | $\Delta t$ | Bürg. | $\Delta t$ | ↑ | $\Delta t$ | ↓ | $\Delta t$ | Bürg. | $\Delta t$ | Naut. | $\Delta t$ | Astr. | $\Delta t$ | $\Delta t$ | | $\Delta t$ | | |
| Sa, 28. Okt | MESZ | —:——:— | – | Mond stört | ○ | 17:38 | 07:29 | 06:10 | *41m* | 06:51 | *41m* | 07:32 | *39m* | 08:11 | *9h 41m* | 17:53 | *39m* | 18:33 | *40m* | 19:14 | *41m* | 19:55 | *14h 20m* | *10h 16m* | | | | Sa, 28. Okt |
| So, 29. Okt | | —:——:— | – | Mond stört | | 16:51 | 08:02 | 05:11 | *41m* | 05:53 | *41m* | 06:34 | *39m* | 07:13 | *9h 37m* | 16:51 | *39m* | 17:31 | *41m* | 18:12 | *41m* | 18:53 | *14h 24m* | *10h 20m* | | | | So, 29. Okt |
| Mo, 30. Okt | | —:——:— | – | Mond stört | | 17:08 | 09:34 | 05:13 | *41m* | 05:54 | *41m* | 06:36 | *39m* | 07:15 | *9h 33m* | 16:49 | *39m* | 17:29 | *41m* | 18:10 | *41m* | 18:51 | *14h 28m* | *10h 23m* | | | | Mo, 30. Okt |
| Di, 31. Okt | | —:——:— | – | Mond stört | | 17:35 | 11:03 | 05:15 | *41m* | 05:56 | *41m* | 06:37 | *39m* | 07:17 | *9h 29m* | 16:47 | *39m* | 17:27 | *41m* | 18:08 | *41m* | 18:49 | *14h 32m* | *10h 27m* | | | | Di, 31. Okt |
| Mi, 1. Nov | | —:——:— | – | Mond stört | | 18:14 | 12:21 | 05:17 | *41m* | 05:58 | *41m* | 06:39 | *40m* | 07:19 | *9h 25m* | 16:45 | *40m* | 17:25 | *41m* | 18:06 | *41m* | 18:47 | *14h 36m* | *10h 30m* | | | | Mi, 1. Nov |
| Do, 2. Nov | | 18:46 – 19:10 | *24m* | AN$_+$ *bis* M↗ | | 19:10 | 13:21 | 05:18 | *41m* | 06:00 | *41m* | 06:41 | *40m* | 07:21 | *9h 21m* | 16:43 | *40m* | 17:23 | *41m* | 18:04 | *41m* | 18:46 | *14h 40m* | *10h 34m* | | | | Do, 2. Nov |
| Fr, 3. Nov | | 18:44 – 20:19 | *1h 35m* | AN$_+$ *bis* M↗ | | 20:19 | 14:03 | 05:20 | *41m* | 06:01 | *41m* | 06:43 | *40m* | 07:23 | *9h 17m* | 16:41 | *40m* | 17:21 | *41m* | 18:03 | *41m* | 18:44 | *14h 44m* | *10h 37m* | | | | Fr, 3. Nov |
| Sa, 4. Nov | | 18:42 – 21:36 | *2h 53m* | AN$_+$ *bis* M↗ | | 21:36 | 14:29 | 05:22 | *41m* | 06:03 | *41m* | 06:45 | *40m* | 07:25 | *9h 13m* | 16:39 | *40m* | 17:19 | *41m* | 18:01 | *41m* | 18:42 | *14h 48m* | *10h 41m* | | | | Sa, 4. Nov |
| So, 5. Nov | | 18:41 – 22:54 | *4h 13m* | AN$_+$ *bis* M↗ | ◑ | 22:54 | 14:47 | 05:23 | *41m* | 06:05 | *41m* | 06:47 | *40m* | 07:27 | *9h 09m* | 16:37 | *40m* | 17:18 | *41m* | 17:59 | *41m* | 18:41 | *14h 52m* | *10h 44m* | | | | So, 5. Nov |
| Mo, 6. Nov | | 18:39 – 00:11* | *5h 31m* | AN$_+$ *bis* M↗ | | —:— | 14:59 | 05:25 | *41m* | 06:07 | *41m* | 06:48 | *40m* | 07:29 | *9h 05m* | 16:35 | *40m* | 17:16 | *41m* | 17:58 | *41m* | 18:39 | *14h 56m* | *10h 47m* | | | | Mo, 6. Nov |
| Di, 7. Nov | | 18:37 – 01:25* | *6h 47m* | AN$_+$ *bis* M↗ | | 00:11 | 15:08 | 05:27 | *41m* | 06:08 | *41m* | 06:50 | *41m* | 07:31 | *9h 01m* | 16:33 | *41m* | 17:14 | *41m* | 17:56 | *41m* | 18:37 | *15h 00m* | *10h 51m* | | | | Di, 7. Nov |
| Mi, 8. Nov | | 18:36 – 02:39* | *8h 03m* | AN$_+$ *bis* M↗ | | 01:25 | 15:15 | 05:28 | *41m* | 06:10 | *41m* | 06:52 | *41m* | 07:33 | *8h 58m* | 16:31 | *41m* | 17:13 | *41m* | 17:54 | *41m* | 18:36 | *15h 03m* | *10h 54m* | | | | Mi, 8. Nov |
| Do, 9. Nov | | 18:34 – 03:54* | *9h 19m* | AN$_+$ *bis* M↗ | | 02:39 | 15:22 | 05:30 | *41m* | 06:12 | *42m* | 06:54 | *41m* | 07:35 | *8h 54m* | 16:30 | *41m* | 17:11 | *42m* | 17:53 | *41m* | 18:34 | *15h 07m* | *10h 57m* | | | | Do, 9. Nov |
| Fr, 10. Nov | | 18:33 – 05:11* | *10h 37m* | AN$_+$ *bis* M↗ | | 03:54 | 15:29 | 05:32 | *41m* | 06:13 | *42m* | 06:56 | *41m* | 07:37 | *8h 50m* | 16:28 | *41m* | 17:09 | *42m* | 17:51 | *41m* | 18:33 | *15h 11m* | *11h 00m* | | | | Fr, 10. Nov |
| Sa, 11. Nov | | 18:32 – 05:35* | *11h 03m* | AN$_+$ *bis* AN$_-$ | | 05:11 | 15:37 | 05:33 | *41m* | 06:15 | *42m* | 06:57 | *41m* | 07:39 | *8h 46m* | 16:26 | *41m* | 17:08 | *42m* | 17:50 | *41m* | 18:32 | *15h 15m* | *11h 03m* | | | | Sa, 11. Nov |
| So, 12. Nov | | 18:30 – 05:37* | *11h 06m* | AN$_+$ *bis* AN$_-$ | | 06:31 | 15:47 | 05:35 | *41m* | 06:17 | *42m* | 06:59 | *41m* | 07:41 | *8h 43m* | 16:24 | *41m* | 17:06 | *42m* | 17:49 | *41m* | 18:30 | *15h 18m* | *11h 06m* | | | | So, 12. Nov |
| Mo, 13. Nov | | 18:29 – 05:38* | *11h 09m* | AN$_+$ *bis* AN$_-$ | ● | 07:55 | 16:01 | 05:37 | *41m* | 06:18 | *42m* | 07:01 | *42m* | 07:43 | *8h 39m* | 16:23 | *42m* | 17:05 | *42m* | 17:47 | *41m* | 18:29 | *15h 22m* | *11h 09m* | | | | Mo, 13. Nov |
| Di, 14. Nov | | 18:28 – 05:40* | *11h 12m* | AN$_+$ *bis* AN$_-$ | | 09:23 | 16:21 | 05:38 | *41m* | 06:20 | *42m* | 07:03 | *42m* | 07:45 | *8h 36m* | 16:21 | *42m* | 17:03 | *42m* | 17:46 | *41m* | 18:28 | *15h 25m* | *11h 12m* | | | | Di, 14. Nov |
| Mi, 15. Nov | | 18:26 – 05:41* | *11h 14m* | AN$_+$ *bis* AN$_-$ | | 10:48 | 16:54 | 05:40 | *41m* | 06:22 | *42m* | 07:04 | *42m* | 07:47 | *8h 32m* | 16:19 | *42m* | 17:02 | *42m* | 17:45 | *41m* | 18:26 | *15h 29m* | *11h 14m* | | | | Mi, 15. Nov |
| Do, 16. Nov | | 18:25 – 05:43* | *11h 17m* | AN$_+$ *bis* AN$_-$ | | 12:01 | 17:46 | 05:41 | *41m* | 06:23 | *42m* | 07:06 | *42m* | 07:49 | *8h 29m* | 16:18 | *42m* | 17:00 | *42m* | 17:43 | *41m* | 18:25 | *15h 32m* | *11h 17m* | | | | Do, 16. Nov |
| Fr, 17. Nov | | 18:59 – 05:44* | *10h 45m* | M↘ *bis* AN$_-$ | | 12:55 | 18:59 | 05:43 | *42m* | 06:25 | *42m* | 07:08 | *42m* | 07:51 | *8h 25m* | 16:16 | *42m* | 16:59 | *42m* | 17:42 | *42m* | 18:24 | *15h 36m* | *11h 20m* | | | | Fr, 17. Nov |
| Sa, 18. Nov | | 20:27 – 05:46* | *9h 18m* | M↘ *bis* AN$_-$ | | 13:29 | 20:27 | 05:44 | *42m* | 06:27 | *43m* | 07:10 | *42m* | 07:53 | *8h 22m* | 16:15 | *42m* | 16:58 | *43m* | 17:41 | *42m* | 18:23 | *15h 39m* | *11h 22m* | | | | Sa, 18. Nov |
| So, 19. Nov | | 22:01 – 05:47* | *7h 46m* | M↘ *bis* AN$_-$ | | 13:52 | 22:01 | 05:46 | *42m* | 06:28 | *43m* | 07:11 | *43m* | 07:54 | *8h 19m* | 16:13 | *43m* | 16:57 | *43m* | 17:40 | *42m* | 18:22 | *15h 42m* | *11h 25m* | | | | So, 19. Nov |
| Mo, 20. Nov | | 23:34 – 05:49* | *6h 14m* | M↘ *bis* AN$_-$ | ◐ | 14:07 | 23:34 | 05:47 | *42m* | 06:30 | *43m* | 07:13 | *43m* | 07:56 | *8h 15m* | 16:12 | *43m* | 16:55 | *43m* | 17:39 | *42m* | 18:21 | *15h 46m* | *11h 28m* | | | | Mo, 20. Nov |
| Di, 21. Nov | | 01:05* – 05:50* | *4h 45m* | M↘ *bis* AN$_-$ | | 14:18 | —:— | 05:49 | *42m* | 06:31 | *43m* | 07:15 | *43m* | 07:58 | *8h 12m* | 16:11 | *43m* | 16:54 | *43m* | 17:38 | *42m* | 18:20 | *15h 49m* | *11h 30m* | | | | Di, 21. Nov |
| Mi, 22. Nov | | 02:34* – 05:52* | *3h 18m* | M↘ *bis* AN$_-$ | | 14:27 | 01:05 | 05:50 | *42m* | 06:33 | *43m* | 07:16 | *43m* | 08:00 | *8h 09m* | 16:09 | *43m* | 16:53 | *43m* | 17:37 | *42m* | 18:19 | *15h 52m* | *11h 32m* | | | | Mi, 22. Nov |
| Do, 23. Nov | | 04:02* – 05:53* | *1h 50m* | M↘ *bis* AN$_-$ | | 14:36 | 02:34 | 05:52 | *42m* | 06:34 | *43m* | 07:18 | *43m* | 08:02 | *8h 06m* | 16:08 | *43m* | 16:52 | *43m* | 17:36 | *42m* | 18:18 | *15h 55m* | *11h 35m* | | | | Do, 23. Nov |
| Fr, 24. Nov | | 05:32* – 05:55* | *22m* | M↘ *bis* AN$_-$ | | 14:45 | 04:02 | 05:53 | *42m* | 06:36 | *43m* | 07:19 | *44m* | 08:04 | *8h 03m* | 16:07 | *44m* | 16:51 | *43m* | 17:35 | *42m* | 18:17 | *15h 58m* | *11h 37m* | | | | Fr, 24. Nov |
| Sa, 25. Nov | | —:——:— | – | Mond stört | | 14:56 | 05:32 | 05:55 | *42m* | 06:37 | *43m* | 07:21 | *44m* | 08:05 | *8h 00m* | 16:06 | *44m* | 16:50 | *43m* | 17:34 | *42m* | 18:16 | *16h 01m* | *11h 39m* | | | | Sa, 25. Nov |
| So, 26. Nov | | —:——:— | – | Mond stört | | 15:11 | 07:03 | 05:56 | *42m* | 06:39 | *43m* | 07:23 | *44m* | 08:07 | *7h 57m* | 16:05 | *44m* | 16:49 | *43m* | 17:33 | *42m* | 18:16 | *16h 03m* | *11h 41m* | | | | So, 26. Nov |
| Mo, 27. Nov | | —:——:— | – | Mond stört | ○ | 15:33 | 08:34 | 05:57 | *42m* | 06:40 | *44m* | 07:24 | *44m* | 08:09 | *7h 55m* | 16:04 | *44m* | 16:48 | *44m* | 17:32 | *42m* | 18:15 | *16h 06m* | *11h 43m* | | | | Mo, 27. Nov |
| Di, 28. Nov | | —:——:— | – | Mond stört | | 16:06 | 09:58 | 05:59 | *42m* | 06:41 | *44m* | 07:26 | *44m* | 08:10 | *7h 52m* | 16:03 | *44m* | 16:47 | *44m* | 17:32 | *42m* | 18:14 | *16h 09m* | *11h 45m* | | | | Di, 28. Nov |
| Mi, 29. Nov | | —:——:— | – | Mond stört | | 16:55 | 11:07 | 06:00 | *42m* | 06:43 | *44m* | 07:27 | *44m* | 08:12 | *7h 49m* | 16:02 | *44m* | 16:47 | *44m* | 17:31 | *42m* | 18:14 | *16h 11m* | *11h 47m* | | | | Mi, 29. Nov |
| Do, 30. Nov | | —:——:— | – | Mond stört | | 18:00 | 11:57 | 06:01 | *42m* | 06:44 | *44m* | 07:29 | *45m* | 08:14 | *7h 47m* | 16:01 | *45m* | 16:46 | *44m* | 17:30 | *42m* | 18:13 | *16h 14m* | *11h 49m* | | | | Do, 30. Nov |
| Fr, 1. Dez | | 18:13 – 19:16 | *1h 02m* | AN$_+$ *bis* M↗ | | 19:16 | 12:30 | 06:03 | *42m* | 06:45 | *44m* | 07:30 | *45m* | 08:15 | *7h 44m* | 16:00 | *45m* | 16:45 | *44m* | 17:30 | *42m* | 18:13 | *16h 16m* | *11h 51m* | | | | Fr, 1. Dez |
| Sa, 2. Dez | | 18:12 – 20:34 | *2h 21m* | AN$_+$ *bis* M↗ | | 20:34 | 12:51 | 06:04 | *42m* | 06:47 | *44m* | 07:31 | *45m* | 08:17 | *7h 42m* | 15:59 | *45m* | 16:45 | *44m* | 17:29 | *42m* | 18:12 | *16h 18m* | *11h 52m* | | | | Sa, 2. Dez |
| So, 3. Dez | | 18:12 – 21:52 | *3h 40m* | AN$_+$ *bis* M↗ | | 21:52 | 13:05 | 06:05 | *43m* | 06:48 | *44m* | 07:33 | *45m* | 08:18 | *7h 40m* | 15:59 | *45m* | 16:44 | *44m* | 17:29 | *43m* | 18:12 | *16h 21m* | *11h 54m* | | | | So, 3. Dez |
| Mo, 4. Dez | | 18:12 – 23:07 | *4h 55m* | AN$_+$ *bis* M↗ | | 23:07 | 13:15 | 06:06 | *43m* | 06:49 | *44m* | 07:34 | *45m* | 08:20 | *7h 38m* | 15:58 | *45m* | 16:44 | *44m* | 17:28 | *43m* | 18:12 | *16h 23m* | *11h 55m* | | | | Mo, 4. Dez |
| Di, 5. Dez | | 18:11 – 00:21* | *6h 09m* | AN$_+$ *bis* M↗ | ◑ | —:— | 13:24 | 06:07 | *43m* | 06:50 | *44m* | 07:35 | *45m* | 08:21 | *7h 36m* | 15:57 | *45m* | 16:43 | *44m* | 17:28 | *43m* | 18:11 | *16h 25m* | *11h 57m* | | | | Di, 5. Dez |
| Mi, 6. Dez | | 18:11 – 01:34* | *7h 23m* | AN$_+$ *bis* M↗ | | 00:21 | 13:31 | 06:08 | *43m* | 06:52 | *44m* | 07:37 | *45m* | 08:22 | *7h 34m* | 15:57 | *45m* | 16:43 | *44m* | 17:28 | *43m* | 18:11 | *16h 26m* | *11h 58m* | | | | Mi, 6. Dez |
| Do, 7. Dez | | 18:11 – 02:49* | *8h 38m* | AN$_+$ *bis* M↗ | | 01:34 | 13:37 | 06:09 | *43m* | 06:53 | *45m* | 07:38 | *46m* | 08:24 | *7h 32m* | 15:56 | *46m* | 16:42 | *45m* | 17:27 | *43m* | 18:11 | *16h 28m* | *11h 59m* | | | | Do, 7. Dez |
| Fr, 8. Dez | | 18:11 – 04:07* | *9h 56m* | AN$_+$ *bis* M↗ | | 02:49 | 13:45 | 06:10 | *43m* | 06:54 | *45m* | 07:39 | *46m* | 08:25 | *7h 30m* | 15:56 | *46m* | 16:42 | *45m* | 17:27 | *43m* | 18:11 | *16h 30m* | *12h 00m* | | | | Fr, 8. Dez |
| Sa, 9. Dez | | 18:10 – 05:29* | *11h 19m* | AN$_+$ *bis* M↗ | | 04:07 | 13:54 | 06:12 | *43m* | 06:55 | *45m* | 07:40 | *46m* | 08:26 | *7h 29m* | 15:56 | *46m* | 16:42 | *45m* | 17:27 | *43m* | 18:10 | *16h 31m* | *12h 02m* | | | | Sa, 9. Dez |
| So, 10. Dez | | 18:10 – 06:13* | *12h 03m* | AN$_+$ *bis* AN$_-$ | | 05:29 | 14:06 | 06:12 | *43m* | 06:56 | *45m* | 07:41 | *46m* | 08:28 | *7h 27m* | 15:55 | *46m* | 16:42 | *45m* | 17:27 | *43m* | 18:10 | *16h 33m* | *12h 03m* | | | | So, 10. Dez |
| Mo, 11. Dez | | 18:10 – 06:14* | *12h 03m* | AN$_+$ *bis* AN$_-$ | | 06:56 | 14:23 | 06:13 | *43m* | 06:57 | *45m* | 07:42 | *46m* | 08:29 | *7h 26m* | 15:55 | *46m* | 16:42 | *45m* | 17:27 | *43m* | 18:10 | *16h 34m* | *12h 03m* | | | | Mo, 11. Dez |
| Di, 12. Dez | | 18:10 – 06:15* | *12h 04m* | AN$_+$ *bis* AN$_-$ | | 08:24 | 14:51 | 06:14 | *43m* | 06:58 | *45m* | 07:43 | *46m* | 08:30 | *7h 25m* | 15:55 | *46m* | 16:42 | *45m* | 17:27 | *43m* | 18:10 | *16h 35m* | *12h 04m* | | | | Di, 12. Dez |
| Mi, 13. Dez | | 18:10 – 06:16* | *12h 05m* | AN$_+$ *bis* AN$_-$ | ● | 09:45 | 15:35 | 06:15 | *43m* | 06:59 | *45m* | 07:44 | *46m* | 08:31 | *7h 24m* | 15:55 | *46m* | 16:42 | *45m* | 17:27 | *43m* | 18:10 | *16h 36m* | *12h 05m* | | | | Mi, 13. Dez |
| Do, 14. Dez | | 18:11 – 06:17* | *12h 06m* | AN$_+$ *bis* AN$_-$ | | 10:48 | 16:43 | 06:16 | *43m* | 07:00 | *45m* | 07:45 | *46m* | 08:32 | *7h 23m* | 15:55 | *46m* | 16:42 | *45m* | 17:27 | *43m* | 18:11 | *16h 37m* | *12h 06m* | | | | Do, 14. Dez |
| Fr, 15. Dez | | 18:11 – 06:18* | *12h 06m* | AN$_+$ *bis* AN$_-$ | | 11:30 | 18:10 | 06:17 | *43m* | 07:00 | *45m* | 07:46 | *46m* | 08:33 | *7h 22m* | 15:55 | *46m* | 16:42 | *45m* | 17:27 | *43m* | 18:11 | *16h 38m* | *12h 06m* | | | | Fr, 15. Dez |
| Sa, 16. Dez | | 19:45 – 06:18* | *10h 33m* | M↘ *bis* AN$_-$ | | 11:56 | 19:45 | 06:18 | *43m* | 07:01 | *45m* | 07:47 | *46m* | 08:34 | *7h 21m* | 15:55 | *46m* | 16:42 | *45m* | 17:27 | *43m* | 18:11 | *16h 39m* | *12h 07m* | | | | Sa, 16. Dez |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2023/24 | Zeit- | Astr. dunkel und kein Mond | | | Mond | | | Beginn der Morgendämmerung | | | | | | Sonne | | | Ende der Abenddämmerung | | | | | | Nacht | Astr. N. | Naut. dunkel und kein Mond | | | 2023/24 |
| | zone | | $\Delta t$ | | Ph. | ↗ | ↘ | Astr. | $\Delta t$ | Naut. | $\Delta t$ | Bürg. | $\Delta t$ | ↗ | $\Delta t$ | ↘ | $\Delta t$ | Bürg. | $\Delta t$ | Naut. | $\Delta t$ | Astr. | $\Delta t$ | $\Delta t$ | | $\Delta t$ | | |
| So, 17. Dez | | 21:20 – 06:19* | *8h 59m* | M↘ *bis* AN_ | | 12:14 | 21:20 | 06:18 | *43m* | 07:02 | *45m* | 07:48 | *46m* | 08:34 | *7h 20m* | 15:55 | *46m* | 16:42 | *45m* | 17:28 | *43m* | 18:11 | *16h 39m* | *12h 07m* | | | | So, 17. Dez |
| Mo, 18. Dez | | 22:52 – 06:20* | *7h 28m* | M↘ *bis* AN_ | | 12:26 | 22:52 | 06:19 | *43m* | 07:03 | *45m* | 07:48 | *46m* | 08:35 | *7h 20m* | 15:55 | *46m* | 16:42 | *45m* | 17:28 | *43m* | 18:12 | *16h 40m* | *12h 08m* | | | | Mo, 18. Dez |
| Di, 19. Dez | | 00:20* – 06:20* | *6h 00m* | M↘ *bis* AN_ | ◐ | 12:36 | —:— | 06:20 | *43m* | 07:03 | *45m* | 07:49 | *46m* | 08:36 | *7h 19m* | 15:56 | *46m* | 16:43 | *45m* | 17:28 | *43m* | 18:12 | *16h 40m* | *12h 08m* | | | | Di, 19. Dez |
| Mi, 20. Dez | | 01:47* – 06:21* | *4h 33m* | M↘ *bis* AN_ | | 12:44 | 00:20 | 06:20 | *43m* | 07:04 | *45m* | 07:50 | *47m* | 08:37 | *7h 19m* | 15:56 | *47m* | 16:43 | *45m* | 17:29 | *43m* | 18:12 | *16h 40m* | *12h 08m* | | | | Mi, 20. Dez |
| Do, 21. Dez | | 03:15* – 06:21* | *3h 06m* | M↘ *bis* AN_ | | 12:53 | 01:47 | 06:21 | *43m* | 07:04 | *45m* | 07:50 | *47m* | 08:37 | *7h 19m* | 15:57 | *47m* | 16:44 | *45m* | 17:29 | *43m* | 18:13 | *16h 41m* | *12h 08m* | | | | Do, 21. Dez |
| Fr, 22. Dez | | 04:43* – 06:22* | *1h 38m* | M↘ *bis* AN_ | | 13:03 | 03:15 | 06:21 | *43m* | 07:05 | *45m* | 07:51 | *47m* | 08:38 | *7h 19m* | 15:57 | *47m* | 16:44 | *45m* | 17:30 | *43m* | 18:13 | *16h 41m* | *12h 08m* | | | | Fr, 22. Dez |
| Sa, 23. Dez | | 06:12* – 06:22* | *10m* | M↘ *bis* AN_ | | 13:17 | 04:43 | 06:22 | *43m* | 07:05 | *45m* | 07:51 | *47m* | 08:38 | *7h 19m* | 15:58 | *47m* | 16:45 | *45m* | 17:30 | *43m* | 18:14 | *16h 40m* | *12h 08m* | | | | Sa, 23. Dez |
| So, 24. Dez | | —:— – —:— | – | Mond stört | | 13:35 | 06:12 | 06:22 | *43m* | 07:06 | *45m* | 07:51 | *46m* | 08:38 | *7h 19m* | 15:58 | *46m* | 16:45 | *45m* | 17:31 | *43m* | 18:14 | *16h 40m* | *12h 08m* | | | | So, 24. Dez |
| Mo, 25. Dez | | —:— – —:— | – | Mond stört | | 14:03 | 07:37 | 06:23 | *43m* | 07:06 | *45m* | 07:52 | *46m* | 08:39 | *7h 20m* | 15:59 | *46m* | 16:46 | *45m* | 17:32 | *43m* | 18:15 | *16h 40m* | *12h 07m* | | | | Mo, 25. Dez |
| Di, 26. Dez | | —:— – —:— | – | Mond stört | | 14:45 | 08:52 | 06:23 | *43m* | 07:07 | *45m* | 07:52 | *46m* | 08:39 | *7h 20m* | 16:00 | *46m* | 16:47 | *45m* | 17:32 | *43m* | 18:16 | *16h 39m* | *12h 07m* | | | | Di, 26. Dez |
| Mi, 27. Dez | | —:— – —:— | – | Mond stört | ○ | 15:44 | 09:49 | 06:23 | *43m* | 07:07 | *45m* | 07:52 | *46m* | 08:39 | *7h 21m* | 16:00 | *46m* | 16:47 | *45m* | 17:33 | *43m* | 18:17 | *16h 38m* | *12h 07m* | | | | Mi, 27. Dez |
| Do, 28. Dez | | —:— – —:— | – | Mond stört | | 16:56 | 10:28 | 06:24 | *43m* | 07:07 | *45m* | 07:53 | *46m* | 08:39 | *7h 21m* | 16:01 | *46m* | 16:48 | *45m* | 17:34 | *43m* | 18:17 | *16h 38m* | *12h 06m* | | | | Do, 28. Dez |
| Fr, 29. Dez | | —:— – —:— | – | Mond stört | | 18:15 | 10:54 | 06:24 | *43m* | 07:07 | *45m* | 07:53 | *46m* | 08:39 | *7h 22m* | 16:02 | *46m* | 16:49 | *45m* | 17:35 | *43m* | 18:18 | *16h 37m* | *12h 05m* | | | | Fr, 29. Dez |
| Sa, 30. Dez | | 18:19 – 19:33 | *1h 14m* | AN+ *bis* M↗ | | 19:33 | 11:10 | 06:24 | *43m* | 07:07 | *45m* | 07:53 | *46m* | 08:39 | *7h 23m* | 16:03 | *46m* | 16:50 | *45m* | 17:35 | *43m* | 18:19 | *16h 36m* | *12h 05m* | | | | Sa, 30. Dez |
| So, 31. Dez | | 18:20 – 20:50 | *2h 30m* | AN+ *bis* M↗ | | 20:50 | 11:22 | 06:24 | *43m* | 07:07 | *45m* | 07:53 | *46m* | 08:39 | *7h 24m* | 16:04 | *46m* | 16:51 | *45m* | 17:36 | *43m* | 18:20 | *16h 35m* | *12h 04m* | | | | So, 31. Dez |
| Mo, 1. Jan | | 18:21 – 22:04 | *3h 43m* | AN+ *bis* M↗ | | 22:04 | 11:31 | 06:24 | *43m* | 07:07 | *45m* | 07:53 | *46m* | 08:39 | *7h 26m* | 16:05 | *46m* | 16:52 | *45m* | 17:37 | *43m* | 18:21 | *16h 33m* | *12h 03m* | | | | Mo, 1. Jan |
| Di, 2. Jan | | 18:22 – 23:17 | *4h 55m* | AN+ *bis* M↗ | | 23:17 | 11:38 | 06:24 | *43m* | 07:07 | *45m* | 07:53 | *46m* | 08:39 | *7h 27m* | 16:07 | *46m* | 16:53 | *45m* | 17:38 | *43m* | 18:22 | *16h 32m* | *12h 02m* | | | | Di, 2. Jan |
| Mi, 3. Jan | | 18:23 – 00:30* | *6h 07m* | AN+ *bis* M↗ | | —:— | 11:45 | 06:24 | *43m* | 07:07 | *45m* | 07:53 | *46m* | 08:39 | *7h 28m* | 16:08 | *46m* | 16:54 | *45m* | 17:39 | *43m* | 18:23 | *16h 30m* | *12h 01m* | | | | Mi, 3. Jan |
| Do, 4. Jan | | 18:24 – 01:45* | *7h 21m* | AN+ *bis* M↗ | ◑ | 00:30 | 11:52 | 06:24 | *43m* | 07:07 | *45m* | 07:52 | *46m* | 08:39 | *7h 30m* | 16:09 | *46m* | 16:55 | *45m* | 17:40 | *43m* | 18:24 | *16h 29m* | *12h 00m* | | | | Do, 4. Jan |
| Fr, 5. Jan | | 18:25 – 03:04* | *8h 39m* | AN+ *bis* M↗ | | 01:45 | 12:00 | 06:24 | *43m* | 07:07 | *45m* | 07:52 | *46m* | 08:38 | *7h 32m* | 16:10 | *46m* | 16:56 | *45m* | 17:41 | *43m* | 18:25 | *16h 27m* | *11h 58m* | | | | Fr, 5. Jan |
| Sa, 6. Jan | | 18:26 – 04:27* | *10h 01m* | AN+ *bis* M↗ | | 03:04 | 12:10 | 06:24 | *43m* | 07:07 | *44m* | 07:52 | *45m* | 08:38 | *7h 33m* | 16:12 | *45m* | 16:58 | *44m* | 17:43 | *43m* | 18:26 | *16h 25m* | *11h 57m* | | | | Sa, 6. Jan |
| So, 7. Jan | | 18:27 – 05:54* | *11h 27m* | AN+ *bis* M↗ | | 04:27 | 12:24 | 06:23 | *43m* | 07:07 | *44m* | 07:51 | *45m* | 08:37 | *7h 35m* | 16:13 | *45m* | 16:59 | *44m* | 17:44 | *43m* | 18:27 | *16h 23m* | *11h 56m* | | | | So, 7. Jan |
| Mo, 8. Jan | | 18:28 – 06:23* | *11h 54m* | AN+ *bis* AN_ | | 05:54 | 12:46 | 06:23 | *43m* | 07:06 | *44m* | 07:51 | *45m* | 08:37 | *7h 37m* | 16:14 | *45m* | 17:00 | *44m* | 17:45 | *43m* | 18:28 | *16h 21m* | *11h 54m* | | | | Mo, 8. Jan |
| Di, 9. Jan | | 18:29 – 06:22* | *11h 53m* | AN+ *bis* AN_ | | 07:19 | 13:22 | 06:23 | *43m* | 07:06 | *44m* | 07:51 | *45m* | 08:36 | *7h 39m* | 16:16 | *45m* | 17:01 | *44m* | 17:46 | *43m* | 18:29 | *16h 19m* | *11h 53m* | | | | Di, 9. Jan |
| Mi, 10. Jan | | 18:30 – 06:22* | *11h 51m* | AN+ *bis* AN_ | | 08:32 | 14:19 | 06:22 | *42m* | 07:05 | *44m* | 07:50 | *45m* | 08:35 | *7h 42m* | 16:17 | *45m* | 17:03 | *44m* | 17:47 | *43m* | 18:30 | *16h 17m* | *11h 51m* | | | | Mi, 10. Jan |
| Do, 11. Jan | | 18:32 – 06:22* | *11h 49m* | AN+ *bis* AN_ | ● | 09:24 | 15:40 | 06:22 | *42m* | 07:05 | *44m* | 07:49 | *45m* | 08:35 | *7h 44m* | 16:19 | *45m* | 17:04 | *44m* | 17:49 | *42m* | 18:32 | *16h 14m* | *11h 49m* | | | | Do, 11. Jan |
| Fr, 12. Jan | | 18:33 – 06:21* | *11h 48m* | AN+ *bis* AN_ | | 09:57 | 17:16 | 06:22 | *42m* | 07:04 | *44m* | 07:49 | *45m* | 08:34 | *7h 46m* | 16:21 | *45m* | 17:06 | *44m* | 17:50 | *42m* | 18:33 | *16h 12m* | *11h 48m* | | | | Fr, 12. Jan |
| Sa, 13. Jan | | 18:55 – 06:20* | *11h 25m* | M↘ *bis* AN_ | | 10:18 | 18:55 | 06:21 | *42m* | 07:04 | *44m* | 07:48 | *44m* | 08:33 | *7h 49m* | 16:22 | *44m* | 17:07 | *44m* | 17:51 | *42m* | 18:34 | *16h 09m* | *11h 46m* | | | | Sa, 13. Jan |
| So, 14. Jan | | 20:32 – 06:20* | *9h 48m* | M↘ *bis* AN_ | | 10:32 | 20:32 | 06:20 | *42m* | 07:03 | *44m* | 07:47 | *44m* | 08:32 | *7h 51m* | 16:24 | *44m* | 17:09 | *44m* | 17:53 | *42m* | 18:36 | *16h 07m* | *11h 44m* | | | | So, 14. Jan |
| Mo, 15. Jan | | 22:04 – 06:19* | *8h 14m* | M↘ *bis* AN_ | | 10:43 | 22:04 | 06:20 | *42m* | 07:03 | *44m* | 07:47 | *44m* | 08:31 | *7h 54m* | 16:26 | *44m* | 17:10 | *44m* | 17:54 | *42m* | 18:37 | *16h 04m* | *11h 42m* | | | | Mo, 15. Jan |
| Di, 16. Jan | | 23:34 – 06:18* | *6h 44m* | M↘ *bis* AN_ | | 10:52 | 23:34 | 06:19 | *42m* | 07:02 | *43m* | 07:46 | *44m* | 08:30 | *7h 57m* | 16:27 | *44m* | 17:12 | *44m* | 17:56 | *42m* | 18:38 | *16h 01m* | *11h 40m* | | | | Di, 16. Jan |
| Mi, 17. Jan | | 01:02* – 06:18* | *5h 15m* | M↘ *bis* AN_ | | 11:01 | —:— | 06:18 | *42m* | 07:01 | *43m* | 07:45 | *44m* | 08:29 | *7h 59m* | 16:29 | *44m* | 17:13 | *43m* | 17:57 | *42m* | 18:40 | *15h 58m* | *11h 37m* | | | | Mi, 17. Jan |
| Do, 18. Jan | | 02:31* – 06:17* | *3h 46m* | M↘ *bis* AN_ | ◐ | 11:11 | 01:02 | 06:18 | *42m* | 07:00 | *43m* | 07:44 | *44m* | 08:28 | *8h 02m* | 16:31 | *44m* | 17:15 | *43m* | 17:59 | *42m* | 18:41 | *15h 56m* | *11h 35m* | | | | Do, 18. Jan |
| Fr, 19. Jan | | 03:59* – 06:16* | *2h 17m* | M↘ *bis* AN_ | | 11:23 | 02:31 | 06:17 | *42m* | 06:59 | *43m* | 07:43 | *43m* | 08:27 | *8h 05m* | 16:33 | *43m* | 17:17 | *43m* | 18:00 | *42m* | 18:43 | *15h 52m* | *11h 33m* | | | | Fr, 19. Jan |
| Sa, 20. Jan | | 05:25* – 06:15* | *50m* | M↘ *bis* AN_ | | 11:39 | 03:59 | 06:16 | *42m* | 06:58 | *43m* | 07:42 | *43m* | 08:26 | *8h 08m* | 16:34 | *43m* | 17:18 | *43m* | 18:02 | *42m* | 18:44 | *15h 49m* | *11h 31m* | | | | Sa, 20. Jan |
| So, 21. Jan | | —:— – —:— | – | Mond stört | | 12:04 | 05:25 | 06:15 | *42m* | 06:57 | *43m* | 07:41 | *43m* | 08:24 | *8h 11m* | 16:36 | *43m* | 17:20 | *43m* | 18:03 | *42m* | 18:46 | *15h 46m* | *11h 28m* | | | | So, 21. Jan |
| Mo, 22. Jan | | —:— – —:— | – | Mond stört | | 12:40 | 06:42 | 06:14 | *42m* | 06:56 | *43m* | 07:40 | *43m* | 08:23 | *8h 15m* | 16:38 | *43m* | 17:22 | *43m* | 18:05 | *42m* | 18:47 | *15h 43m* | *11h 26m* | | | | Mo, 22. Jan |
| Di, 23. Jan | | —:— – —:— | – | Mond stört | | 13:33 | 07:44 | 06:13 | *42m* | 06:55 | *43m* | 07:39 | *43m* | 08:22 | *8h 18m* | 16:40 | *43m* | 17:23 | *43m* | 18:06 | *42m* | 18:49 | *15h 40m* | *11h 23m* | | | | Di, 23. Jan |
| Mi, 24. Jan | | —:— – —:— | – | Mond stört | | 14:41 | 08:28 | 06:12 | *42m* | 06:54 | *43m* | 07:37 | *42m* | 08:20 | *8h 21m* | 16:42 | *42m* | 17:25 | *43m* | 18:08 | *42m* | 18:50 | *15h 36m* | *11h 20m* | | | | Mi, 24. Jan |
| Do, 25. Jan | | —:— – —:— | – | Mond stört | ○ | 15:58 | 08:57 | 06:11 | *42m* | 06:53 | *42m* | 07:36 | *42m* | 08:19 | *8h 25m* | 16:44 | *42m* | 17:27 | *42m* | 18:10 | *42m* | 18:52 | *15h 33m* | *11h 18m* | | | | Do, 25. Jan |
| Fr, 26. Jan | | —:— – —:— | – | Mond stört | | 17:17 | 09:16 | 06:10 | *41m* | 06:52 | *42m* | 07:35 | *42m* | 08:17 | *8h 28m* | 16:46 | *42m* | 17:29 | *42m* | 18:11 | *42m* | 18:53 | *15h 29m* | *11h 15m* | | | | Fr, 26. Jan |
| Sa, 27. Jan | | —:— – —:— | – | Mond stört | | 18:34 | 09:29 | 06:09 | *41m* | 06:51 | *42m* | 07:33 | *42m* | 08:16 | *8h 31m* | 16:48 | *42m* | 17:30 | *42m* | 18:13 | *41m* | 18:55 | *15h 26m* | *11h 12m* | | | | Sa, 27. Jan |
| So, 28. Jan | | 18:57 – 19:50 | *53m* | AN+ *bis* M↗ | | 19:50 | 09:39 | 06:08 | *41m* | 06:49 | *42m* | 07:32 | *42m* | 08:14 | *8h 35m* | 16:50 | *42m* | 17:32 | *42m* | 18:15 | *41m* | 18:57 | *15h 22m* | *11h 09m* | | | | So, 28. Jan |
| Mo, 29. Jan | | 18:58 – 21:03 | *2h 04m* | AN+ *bis* M↗ | | 21:03 | 09:46 | 06:06 | *41m* | 06:48 | *42m* | 07:31 | *42m* | 08:13 | *8h 39m* | 16:52 | *42m* | 17:34 | *42m* | 18:16 | *41m* | 18:58 | *15h 19m* | *11h 06m* | | | | Mo, 29. Jan |
| Di, 30. Jan | | 19:00 – 22:15 | *3h 15m* | AN+ *bis* M↗ | | 22:15 | 09:53 | 06:05 | *41m* | 06:47 | *42m* | 07:29 | *41m* | 08:11 | *8h 42m* | 16:54 | *41m* | 17:36 | *42m* | 18:18 | *41m* | 19:00 | *15h 15m* | *11h 03m* | | | | Di, 30. Jan |
| Mi, 31. Jan | | 19:02 – 23:29 | *4h 27m* | AN+ *bis* M↗ | | 23:29 | 10:00 | 06:04 | *41m* | 06:45 | *42m* | 07:28 | *41m* | 08:09 | *8h 46m* | 16:56 | *41m* | 17:38 | *42m* | 18:20 | *41m* | 19:02 | *15h 11m* | *11h 00m* | | | | Mi, 31. Jan |
| Do, 1. Feb | | 19:03 – 00:45* | *5h 41m* | AN+ *bis* M↗ | | —:— | 10:07 | 06:02 | *41m* | 06:44 | *42m* | 07:26 | *41m* | 08:08 | *8h 50m* | 16:58 | *41m* | 17:39 | *42m* | 18:22 | *41m* | 19:03 | *15h 08m* | *10h 57m* | | | | Do, 1. Feb |
| Fr, 2. Feb | | 19:05 – 02:04* | *6h 59m* | AN+ *bis* M↗ | | 00:45 | 10:16 | 06:01 | *41m* | 06:43 | *42m* | 07:25 | *41m* | 08:06 | *8h 53m* | 17:00 | *41m* | 17:41 | *42m* | 18:23 | *41m* | 19:05 | *15h 04m* | *10h 54m* | | | | Fr, 2. Feb |
| Sa, 3. Feb | | 19:07 – 03:28* | *8h 20m* | AN+ *bis* M↗ | ◑ | 02:04 | 10:27 | 06:00 | *41m* | 06:41 | *41m* | 07:23 | *41m* | 08:04 | *8h 57m* | 17:02 | *41m* | 17:43 | *41m* | 18:25 | *41m* | 19:07 | *15h 00m* | *10h 51m* | | | | Sa, 3. Feb |
| So, 4. Feb | | 19:08 – 04:52* | *9h 43m* | AN+ *bis* M↗ | | 03:28 | 10:44 | 05:58 | *41m* | 06:39 | *41m* | 07:21 | *41m* | 08:02 | *9h 01m* | 17:04 | *41m* | 17:45 | *41m* | 18:27 | *41m* | 19:08 | *14h 56m* | *10h 48m* | | | | So, 4. Feb |