

Mond- und Dämmerungstabelle 2023

für die visuelle Deep-Sky-Beobachtung

Spittal an der Drau 46.7917° N 13.4958° E

Berechnung: pyEphem
Textsatz: L^AT_EX

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_v (Monduntergang), AN₋ (Ende der astronomischen Nacht = Beginn der astr. Morgendämmerung), M₇

(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°).

Spalte 10 Dauer der astr. Morgendämmerung.

Spalte 11 Beginn der naut. Morgendämmerung (Sonnenhöhe = -12°).

Spalte 12 Dauer der naut. Morgendämmerung.

Spalte 13 Beginn der bürg. Morgendämmerung (Sonnenhöhe = -6°).

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°).

Spalte 20 Dauer der naut. Abenddämmerung.

Spalte 21 Ende der naut. Abenddämmerung (Sonnenhöhe = -12°).

Spalte 22 Dauer der astr. Abenddämmerung.

Spalte 23 Ende der astr. Abenddämmerung (Sonnenhöhe = -18°).

Spalte 24 Länge der Nacht.

Spalte 25 Länge der astr. Nacht.

Für Beobachter, die zu Zeiten der Mitternachtsdämmerung während der astr. Dämmerung beobachten 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_v (Monduntergang), ND₋ (Ende der »naut. Dunkelheit« = Beginn der naut. Morgendämmerung), M₇ (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 | Zeitzone | Astr. dunkel und kein Mond | | | Mond | | | Beginn der Morgendämmerung | | | | | Sonne | | | Ende der Abenddämmerung | | | | | Nacht | Astr. N. | Naut. dunkel und kein Mond | | | | 2023 | | |
| | | | Δt | | Ph. | \nearrow | \searrow | Astr. | Δt | Naut. | Δt | Bürg. | Δt | \nearrow | Δt | \searrow | Δt | Bürg. | Δt | Naut. | Δt | Astr. | Δt | Δt | | Δt | | | |
| So, 1. Jan | | 03:38* - 05:59* | 2h 20m | M _\ bis AN ₋ | | 12:48 | 02:27 | 05:58 | 36m | 06:35 | 37m | 07:13 | 37m | 07:50 | 8h 37m | 16:28 | 37m | 17:05 | 37m | 17:43 | 36m | 18:20 | 15h 22m | 11h 39m | | | | | So, 1. Jan |
| Mo, 2. Jan | | 04:48* - 05:59* | 1h 10m | M _\ bis AN ₋ | | 13:10 | 03:38 | 05:59 | 36m | 06:35 | 37m | 07:13 | 37m | 07:50 | 8h 38m | 16:29 | 37m | 17:06 | 37m | 17:44 | 36m | 18:20 | 15h 21m | 11h 38m | | | | | Mo, 2. Jan |
| Di, 3. Jan | | 05:56* - 05:59* | 2m | M _\ bis AN ₋ | | 13:37 | 04:48 | 05:59 | 36m | 06:35 | 37m | 07:13 | 37m | 07:50 | 8h 39m | 16:30 | 37m | 17:07 | 37m | 17:45 | 36m | 18:21 | 15h 20m | 11h 37m | | | | | Di, 3. Jan |
| Mi, 4. Jan | | —:—:—:— | — | Mond stört | | 14:11 | 05:56 | 05:59 | 36m | 06:35 | 37m | 07:13 | 37m | 07:50 | 8h 40m | 16:31 | 37m | 17:08 | 37m | 17:45 | 36m | 18:22 | 15h 18m | 11h 36m | | | | | Mi, 4. Jan |
| Do, 5. Jan | | —:—:—:— | — | Mond stört | | 14:53 | 06:59 | 05:59 | 36m | 06:35 | 37m | 07:13 | 36m | 07:50 | 8h 42m | 16:32 | 36m | 17:09 | 37m | 17:46 | 36m | 18:23 | 15h 17m | 11h 35m | | | | | Do, 5. Jan |
| Fr, 6. Jan | | —:—:—:— | — | Mond stört | | 15:44 | 07:54 | 05:59 | 36m | 06:35 | 37m | 07:13 | 36m | 07:50 | 8h 43m | 16:33 | 36m | 17:10 | 37m | 17:47 | 36m | 18:24 | 15h 16m | 11h 34m | | | | | Fr, 6. Jan |
| Sa, 7. Jan | | —:~:~:~:~ | — | Mond stört | ○ | 16:43 | 08:39 | 05:59 | 36m | 06:35 | 37m | 07:13 | 36m | 07:49 | 8h 44m | 16:34 | 36m | 17:11 | 37m | 17:48 | 36m | 18:25 | 15h 15m | 11h 33m | | | | | Sa, 7. Jan |
| So, 8. Jan | | —:~:~:~:~ | — | Mond stört | | 17:47 | 09:15 | 05:58 | 36m | 06:35 | 37m | 07:12 | 36m | 07:49 | 8h 46m | 16:35 | 36m | 17:12 | 37m | 17:49 | 36m | 18:26 | 15h 13m | 11h 32m | | | | | So, 8. Jan |
| Mo, 9. Jan | | 18:27 - 18:54 | 27m | AN ₊ bis M ₇ | | 18:54 | 09:44 | 05:58 | 36m | 06:35 | 37m | 07:12 | 36m | 07:49 | 8h 47m | 16:36 | 36m | 17:13 | 37m | 17:50 | 36m | 18:27 | 15h 12m | 11h 31m | | | | | Mo, 9. Jan |
| Di, 10. Jan | | 18:28 - 20:01 | 1h 32m | AN ₊ bis M ₇ | | 20:01 | 10:07 | 05:58 | 36m | 06:35 | 37m | 07:12 | 36m | 07:48 | 8h 49m | 16:38 | 36m | 17:14 | 37m | 17:51 | 36m | 18:28 | 15h 10m | 11h 30m | | | | | Di, 10. Jan |
| Mi, 11. Jan | | 18:29 - 21:07 | 2h 38m | AN ₊ bis M ₇ | | 21:07 | 10:26 | 05:58 | 36m | 06:34 | 37m | 07:12 | 36m | 07:48 | 8h 50m | 16:39 | 36m | 17:15 | 37m | 17:53 | 36m | 18:29 | 15h 08m | 11h 28m | | | | | Mi, 11. Jan |
| Do, 12. Jan | | 18:30 - 22:14 | 3h 43m | AN ₊ bis M ₇ | | 22:14 | 10:42 | 05:58 | 36m | 06:34 | 37m | 07:11 | 36m | 07:48 | 8h 52m | 16:40 | 36m | 17:17 | 37m | 17:54 | 36m | 18:30 | 15h 07m | 11h 27m | | | | | Do, 12. Jan |
| Fr, 13. Jan | | 18:31 - 23:21 | 4h 49m | AN ₊ bis M ₇ | | 23:21 | 10:58 | 05:57 | 36m | 06:34 | 37m | 07:11 | 36m | 07:47 | 8h 54m | 16:41 | 36m | 17:18 | 37m | 17:55 | 36m | 18:31 | 15h 05m | 11h 25m | | | | | Fr, 13. Jan |
| Sa, 14. Jan | | 18:32 - 00:30* | 5h 58m | AN ₊ bis M ₇ | | —:— | 11:14 | 05:57 | 36m | 06:33 | 36m | 07:10 | 36m | 07:47 | 8h 56m | 16:43 | 36m | 17:19 | 36m | 17:56 | 36m | 18:32 | 15h 03m | 11h 24m | | | | | Sa, 14. Jan |
| So, 15. Jan | | 18:33 - 01:43* | 7h 09m | AN ₊ bis M ₇ | ☾ | 00:30 | 11:32 | 05:57 | 36m | 06:33 | 36m | 07:10 | 36m | 07:46 | 8h 57m | 16:44 | 36m | 17:20 | 36m | 17:57 | 36m | 18:33 | 15h 01m | 11h 22m | | | | | So, 15. Jan |
| Mo, 16. Jan | | 18:34 - 03:00* | 8h 25m | AN ₊ bis M ₇ | | 01:43 | 11:52 | 05:56 | 36m | 06:32 | 36m | 07:09 | 36m | 07:45 | 8h 59m | 16:45 | 36m | 17:21 | 36m | 17:58 | 36m | 18:34 | 14h 59m | 11h 21m | | | | | Mo, 16. Jan |
| Di, 17. Jan | | 18:36 - 04:21* | 9h 45m | AN ₊ bis M ₇ | | 03:00 | 12:18 | 05:56 | 36m | 06:32 | 36m | 07:09 | 35m | 07:45 | 9h 01m | 16:47 | 35m | 17:23 | 36m | 17:59 | 36m | 18:36 | 14h 57m | 11h 19m | | | | | Di, 17. Jan |
| Mi, 18. Jan | | 18:37 - 05:41* | 11h 04m | AN ₊ bis M ₇ | | 04:21 | 12:53 | 05:55 | 36m | 06:31 | 36m | 07:08 | 35m | 07:44 | 9h 04m | 16:48 | 35m | 17:24 | 36m | 18:01 | 36m | 18:37 | 14h 55m | 11h 17m | | | | | Mi, 18. Jan |
| Do, 19. Jan | | 18:38 - 05:54* | 11h 16m | AN ₊ bis AN ₋ | | 05:41 | 13:41 | 05:55 | 36m | 06:31 | 36m | 07:07 | 35m | 07:43 | 9h 06m | 16:49 | 35m | 17:25 | 36m | 18:02 | 36m | 18:38 | 14h 53m | 11h 16m | | | | | Do, 19. Jan |
| Fr, 20. Jan | | 18:39 - 05:54* | 11h 14m | AN ₊ bis AN ₋ | | 06:54 | 14:45 | 05:54 | 36m | 06:30 | 36m | 07:07 | 35m | 07:42 | 9h 08m | 16:51 | 35m | 17:27 | 36m | 18:03 | 36m | 18:39 | 14h 50m | 11h 14m | | | | | Fr, 20. Jan |
| Sa, 21. Jan | | 18:40 - 05:53* | 11h 12m | AN ₊ bis AN ₋ | ☾ | 07:53 | 16:04 | 05:54 | 35m | 06:30 | 36m | 07:06 | 35m | 07:42 | 9h 10m | 16:52 | 35m | 17:28 | 36m | 18:04 | 36m | 18:40 | 14h 48m | 11h 12m | | | | | Sa, 21. Jan |
| So, 22. Jan | | 18:42 - 05:52* | 11h 10m | AN ₊ bis AN ₋ | | 08:37 | 17:32 | 05:53 | 35m | 06:29 | 36m | 07:05 | 35m | 07:41 | 9h 12m | 16:54 | 35m | 17:29 | 36m | 18:06 | 35m | 18:42 | 14h 46m | 11h 10m | | | | | So, 22. Jan |
| Mo, 23. Jan | | 19:00 - 05:52* | 10h 51m | M _\ bis AN ₋ | | 09:10 | 19:00 | 05:52 | 35m | 06:28 | 36m | 07:04 | 35m | 07:40 | 9h 15m | 16:55 | 35m | 17:31 | 36m | 18:07 | 35m | 18:43 | 14h 43m | 11h 08m | | | | | Mo, 23. Jan |
| Di, 24. Jan | | 20:24 - 05:51* | 9h 26m | M _\ bis AN ₋ | | 09:36 | 20:24 | 05:52 | 35m | 06:27 | 36m | 07:04 | 35m | 07:39 | 9h 17m | 16:57 | 35m | 17:32 | 36m | 18:08 | 35m | 18:44 | 14h 41m | 11h 06m | | | | | Di, 24. Jan |
| Mi, 25. Jan | | 21:44 - 05:50* | 8h 05m | M _\ bis AN ₋ | | 09:56 | 21:44 | 05:51 | 35m | 06:27 | 36m | 07:03 | 35m | 07:38 | 9h 20m | 16:58 | 35m | 17:33 | 36m | 18:09 | 35m | 18:45 | 14h 38m | 11h 04m | | | | | Mi, 25. Jan |
| Do, 26. Jan | | 23:01 - 05:49* | 6h 48m | M _\ bis AN ₋ | | 10:15 | 23:01 | 05:50 | 35m | 06:26 | 36m | 07:02 | 35m | 07:37 | 9h 22m | 17:00 | 35m | 17:35 | 36m | 18:11 | 35m | 18:47 | 14h 36m | 11h 02m | | | | | Do, 26. Jan |
| Fr, 27. Jan | | 00:15* - 05:48* | 5h 33m | M _\ bis AN ₋ | | 10:33 | —:— | 05:49 | 35m | 06:25 | 36m | 07:01 | 34m | 07:36 | 9h 25m | 17:01 | 34m | 17:36 | 36m | 18:12 | 35m | 18:48 | 14h 33m | 11h 00m | | | | | Fr, 27. Jan |
| Sa, 28. Jan | | 01:28* - 05:47* | 4h 19m | M _\ bis AN ₋ | ☾ | 10:52 | 00:15 | 05:48 | 35m | 06:24 | 35m | 07:00 | 34m | 07:35 | 9h 27m | 17:03 | 34m | 17:37 | 35m | 18:13 | 35m | 18:49 | 14h 31m | 10h 58m | | | | | Sa, 28. Jan |
| So, 29. Jan | | 02:40* - 05:46* | 3h 06m | M _\ bis AN ₋ | | 11:14 | 01:28 | 05:47 | 35m | 06:23 | 35m | 06:59 | 34m | 07:34 | 9h 30m | 17:04 | 34m | 17:39 | 35m | 18:15 | 35m | 18:50 | 14h 28m | 10h 56m | | | | | So, 29. Jan |
| Mo, 30. Jan | | 03:49* - 05:45* | 1h 56m | M _\ bis AN ₋ | | 11:39 | 02:40 | 05:46 | 35m | 06:22 | 35m | 06:58 | 34m | 07:32 | 9h 33m | 17:06 | 34m | 17:40 | 35m | 18:16 | 35m | 18:52 | 14h 25m | 10h 53m | | | | | Mo, 30. Jan |
| Di, 31. Jan | | 04:53* - 05:44* | 50m | M _\ bis AN ₋ | | 12:10 | 03:49 | 05:45 | 35m | 06:21 | 35m | 06:57 | 34m | 07:31 | 9h 35m | 17:07 | 34m | 17:42 | 35m | 18:17 | 35m | 18:53 | 14h 22m | 10h 51m | | | | | Di, 31. Jan |
| Mi, 1. Feb | | —:~:~:~:~ | — | Mond stört | | 12:50 | 04:53 | 05:44 | 35m | 06:20 | 35m | 06:56 | 34m | 07:30 | 9h 38m | 17:09 | 34m | 17:43 | 35m | 18:19 | 35m | 18:54 | 14h 20m | 10h 49m | | | | | Mi, 1. Feb |
| Do, 2. Feb | | —:~:~:~:~ | — | Mond stört | | 13:38 | 05:51 | 05:43 | 35m | 06:19 | 35m | 06:54 | 34m | 07:29 | 9h 41m | 17:10 | 34m | 17:44 | 35m | 18:20 | 35m | 18:56 | 14h 17m | 10h 46m | | | | | Do, 2. Feb |
| Fr, 3. Feb | | —:~:~:~:~ | — | Mond stört | | 14:35 | 06:39 | 05:42 | 35m | 06:18 | 35m | 06:53 | 34m | 07:27 | 9h 44m | 17:12 | 34m | 17:46 | 35m | 18:21 | 35m | 18:57 | 14h 14m | 10h 44m | | | | | Fr, 3. Feb |
| Sa, 4. Feb | | —:~:~:~:~ | — | Mond stört | | 15:38 | 07:17 | 05:41 | 35m | 06:17 | 35m | 06:52 | 34m | 07:26 | 9h 46m | 17:13 | 34m | 17:47 | 35m | 18:23 | 35m | 18:58 | 14h 11m | 10h 41m | | | | | Sa, 4. Feb |
| So, 5. Feb | | —:~:~:~:~ | — | Mond stört | ○ | 16:45 | 07:47 | 05:40 | 35m | 06:15 | 35m | 06:51 | 34m | 07:25 | 9h 49m | 17:15 | 34m | 17:49 | 35m | 18:24 | 35m | 19:00 | 14h 08m | 10h 39m | | | | | So, 5. Feb |
| Mo, 6. Feb | | —:~:~:~:~ | — | Mond stört | | 17:52 | 08:12 | 05:39 | 35m | 06:14 | 35m | 06:49 | 33m | 07:23 | 9h 52m | 17:16 | 33m | 17:50 | 35m | 18:26 | 35m | 19:01 | 14h 05m | 10h 36m | | | | | Mo, 6. Feb |
| Di, 7. Feb | | —:~:~:~:~ | — | Mond stört | | 18:59 | 08:31 | 05:38 | 35m | 06:13 | 35m | 06:48 | 33m | 07:22 | 9h 55m | 17:18 | 33m | 17:52 | 35m | 18:27 | 35m | 19:02 | 14h 02m | 10h 34m | | | | | Di, 7. Feb |
| Mi, 8. Feb | | 19:04 - 20:06 | 1h 02m | AN ₊ bis M ₇ | | 20:06 | 08:49 | 05:36 | 35m | 06:12 | 35m | 06:47 | 33m | 07:21 | 9h 58m | 17:19 | 33m | 17:53 | 35m | 18:28 | 35m | 19:04 | 13h 59m | 10h 31m | | | | | Mi, 8. Feb |
| Do, 9. Feb | | 19:05 - 21:12 | 2h 07m | AN ₊ bis M ₇ | | 21:12 | 09:05 | 05:35 | 35m | 06:10 | 35m | 06:45 | 33m | 07:19 | 10h 01m | 17:21 | 33m | 17:54 | 35m | 18:30 | 35m | 19:05 | 13h 56m | 10h 28m | | | | | Do, 9. Feb |
| Fr, 10. Feb | | 19:06 - 22:20 | 3h 14m | AN ₊ bis M ₇ | | 22:20 | 09:20 | 05:34 | 35m | 06:09 | 35m | 06:44 | 33m | 07:18 | 10h 04m | 17:22 | 33m | 17:56 | 35m | 18:31 | 35m | 19:06 | 13h 53m | 10h 26m | | | | | Fr, 10. Feb |
| Sa, 11. Feb | | 19:08 - 23:31 | 4h 23m | AN ₊ bis M ₇ | | 23:31 | 09:37 | 05:33 | 35m | 06:08 | 34m | 06:43 | 33m | 07:16 | 10h 07m | 17:24 | 33m | 17:57 | 35m | 18:32 | 35m | 19:08 | 13h 50m | 10h 23m | | | | | |

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

| 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 | | Δt | | Ph. | \nearrow | \searrow | Astr. | Δt | Naut. | Δt | Bürg. | Δt | \nearrow | Δt | \searrow | Δt | Bürg. | Δt | Naut. | Δt | Astr. | Δt | Δt | | Δt | | |
| Di, 11. Apr | MESZ | 21:40–02:22* | 4h 41m | AN ₊ bis M ₇ | | 01:13 | 09:07 | 04:35 | 40m | 05:15 | 37m | 05:53 | 33m | 06:26 | 13h 21m | 19:48 | 33m | 20:22 | 37m | 20:59 | 40m | 21:40 | 10h 36m | 6h 52m | | | | Di, 11. Apr |
| Mi, 12. Apr | MESZ | 21:42–03:18* | 5h 36m | AN ₊ bis M ₇ | | 02:22 | 10:05 | 04:32 | 40m | 05:13 | 37m | 05:51 | 33m | 06:24 | 13h 25m | 19:49 | 33m | 20:23 | 37m | 21:01 | 41m | 21:42 | 10h 32m | 6h 48m | | | | Mi, 12. Apr |
| Do, 13. Apr | MESZ | 21:44–04:02* | 6h 18m | AN ₊ bis M ₇ | ☾ | 03:18 | 11:15 | 04:30 | 41m | 05:11 | 37m | 05:49 | 33m | 06:22 | 13h 28m | 19:51 | 33m | 20:25 | 37m | 21:02 | 41m | 21:44 | 10h 29m | 6h 43m | | | | Do, 13. Apr |
| Fr, 14. Apr | MESZ | 21:46–04:25* | 6h 39m | AN ₊ bis AN ₋ | | 04:02 | 12:35 | 04:28 | 41m | 05:09 | 37m | 05:47 | 33m | 06:20 | 13h 31m | 19:52 | 33m | 20:26 | 37m | 21:04 | 41m | 21:46 | 10h 26m | 6h 39m | | | | Fr, 14. Apr |
| Sa, 15. Apr | MESZ | 21:48–04:23* | 6h 34m | AN ₊ bis AN ₋ | | 04:35 | 13:58 | 04:25 | 41m | 05:07 | 37m | 05:45 | 33m | 06:19 | 13h 34m | 19:54 | 33m | 20:27 | 38m | 21:06 | 42m | 21:48 | 10h 23m | 6h 34m | | | | Sa, 15. Apr |
| So, 16. Apr | MESZ | 21:50–04:20* | 6h 30m | AN ₊ bis AN ₋ | | 05:01 | 15:21 | 04:23 | 42m | 05:05 | 38m | 05:43 | 33m | 06:17 | 13h 38m | 19:55 | 34m | 20:29 | 38m | 21:07 | 42m | 21:50 | 10h 20m | 6h 30m | | | | So, 16. Apr |
| Mo, 17. Apr | MESZ | 21:52–04:18* | 6h 25m | AN ₊ bis AN ₋ | | 05:22 | 16:42 | 04:20 | 42m | 05:03 | 38m | 05:41 | 33m | 06:15 | 13h 41m | 19:56 | 34m | 20:30 | 38m | 21:09 | 42m | 21:52 | 10h 16m | 6h 25m | | | | Mo, 17. Apr |
| Di, 18. Apr | MESZ | 21:54–04:15* | 6h 21m | AN ₊ bis AN ₋ | | 05:41 | 18:01 | 04:18 | 42m | 05:00 | 38m | 05:39 | 34m | 06:13 | 13h 44m | 19:58 | 34m | 20:32 | 38m | 21:11 | 43m | 21:54 | 10h 13m | 6h 21m | | | | Di, 18. Apr |
| Mi, 19. Apr | MESZ | 21:56–04:13* | 6h 16m | AN ₊ bis AN ₋ | | 05:59 | 19:19 | 04:15 | 43m | 04:58 | 38m | 05:37 | 34m | 06:11 | 13h 47m | 19:59 | 34m | 20:33 | 38m | 21:12 | 43m | 21:56 | 10h 10m | 6h 16m | | | | Mi, 19. Apr |
| Do, 20. Apr | MESZ | 21:58–04:10* | 6h 12m | AN ₊ bis AN ₋ | ☀ | 06:18 | 20:37 | 04:13 | 43m | 04:56 | 38m | 05:35 | 34m | 06:10 | 13h 50m | 20:00 | 34m | 20:35 | 39m | 21:14 | 43m | 21:58 | 10h 07m | 6h 12m | | | | Do, 20. Apr |
| Fr, 21. Apr | MESZ | 22:00–04:08* | 6h 07m | AN ₊ bis AN ₋ | | 06:39 | 21:55 | 04:10 | 43m | 04:54 | 39m | 05:33 | 34m | 06:08 | 13h 54m | 20:02 | 34m | 20:36 | 39m | 21:16 | 44m | 22:00 | 10h 04m | 6h 07m | | | | Fr, 21. Apr |
| Sa, 22. Apr | MESZ | 23:10–04:05* | 4h 55m | M _\ bis AN ₋ | | 07:04 | 23:10 | 04:08 | 44m | 04:52 | 39m | 05:31 | 34m | 06:06 | 13h 57m | 20:03 | 34m | 20:38 | 39m | 21:17 | 44m | 22:02 | 10h 01m | 6h 03m | | | | Sa, 22. Apr |
| So, 23. Apr | MESZ | 00:20*–04:03* | 3h 42m | M _\ bis AN ₋ | | 07:36 | —:— | 04:05 | 44m | 04:50 | 39m | 05:29 | 34m | 06:04 | 14h 00m | 20:04 | 34m | 20:39 | 39m | 21:19 | 44m | 22:04 | 9h 58m | 5h 58m | | | | So, 23. Apr |
| Mo, 24. Apr | MESZ | 01:22*–04:00* | 2h 38m | M _\ bis AN ₋ | | 08:15 | 00:20 | 04:03 | 44m | 04:48 | 39m | 05:28 | 34m | 06:02 | 14h 03m | 20:06 | 35m | 20:41 | 40m | 21:21 | 45m | 22:06 | 9h 54m | 5h 54m | | | | Mo, 24. Apr |
| Di, 25. Apr | MESZ | 02:12*–03:58* | 1h 45m | M _\ bis AN ₋ | | 09:04 | 01:22 | 04:00 | 45m | 04:46 | 39m | 05:26 | 34m | 06:01 | 14h 06m | 20:07 | 35m | 20:42 | 40m | 21:23 | 45m | 22:08 | 9h 51m | 5h 49m | | | | Di, 25. Apr |
| Mi, 26. Apr | MESZ | 02:52*–03:55* | 1h 03m | M _\ bis AN ₋ | | 10:02 | 02:12 | 03:58 | 45m | 04:44 | 40m | 05:24 | 35m | 05:59 | 14h 09m | 20:09 | 35m | 20:44 | 40m | 21:24 | 46m | 22:11 | 9h 48m | 5h 44m | | | | Mi, 26. Apr |
| Do, 27. Apr | MESZ | 03:23*–03:53* | 30m | M _\ bis AN ₋ | ☾ | 11:06 | 02:52 | 03:55 | 46m | 04:42 | 40m | 05:22 | 35m | 05:57 | 14h 12m | 20:10 | 35m | 20:45 | 40m | 21:26 | 46m | 22:13 | 9h 45m | 5h 40m | | | | Do, 27. Apr |
| Fr, 28. Apr | MESZ | 03:47*–03:50* | 3m | M _\ bis AN ₋ | | 12:12 | 03:23 | 03:53 | 46m | 04:40 | 40m | 05:20 | 35m | 05:56 | 14h 15m | 20:11 | 35m | 20:47 | 40m | 21:28 | 47m | 22:15 | 9h 42m | 5h 35m | | | | Fr, 28. Apr |
| Sa, 29. Apr | MESZ | —:—:—:— | – | Mond stört | | 13:20 | 03:47 | 03:50 | 47m | 04:38 | 40m | 05:19 | 35m | 05:54 | 14h 18m | 20:13 | 35m | 20:48 | 41m | 21:30 | 47m | 22:17 | 9h 39m | 5h 30m | | | | Sa, 29. Apr |
| So, 30. Apr | MESZ | —:—:—:— | – | Mond stört | | 14:27 | 04:07 | 03:48 | 47m | 04:36 | 41m | 05:17 | 35m | 05:52 | 14h 21m | 20:14 | 35m | 20:50 | 41m | 21:31 | 48m | 22:19 | 9h 36m | 5h 26m | | | | So, 30. Apr |
| Mo, 1. Mai | MESZ | —:—:—:— | – | Mond stört | | 15:35 | 04:24 | 03:46 | 48m | 04:34 | 41m | 05:15 | 35m | 05:51 | 14h 24m | 20:15 | 36m | 20:51 | 41m | 21:33 | 48m | 22:22 | 9h 34m | 5h 21m | | | | Mo, 1. Mai |
| Di, 2. Mai | MESZ | —:~:~:~:~ | – | Mond stört | | 16:43 | 04:40 | 03:43 | 48m | 04:32 | 41m | 05:13 | 36m | 05:49 | 14h 27m | 20:17 | 36m | 20:53 | 41m | 21:35 | 49m | 22:24 | 9h 31m | 5h 16m | | | | Di, 2. Mai |
| Mi, 3. Mai | MESZ | —:~:~:~:~ | – | Mond stört | | 17:52 | 04:55 | 03:41 | 49m | 04:30 | 41m | 05:12 | 36m | 05:48 | 14h 30m | 20:18 | 36m | 20:54 | 42m | 21:37 | 49m | 22:26 | 9h 28m | 5h 11m | | | | Mi, 3. Mai |
| Do, 4. Mai | MESZ | —:~:~:~:~ | – | Mond stört | | 19:05 | 05:12 | 03:38 | 49m | 04:28 | 42m | 05:10 | 36m | 05:46 | 14h 33m | 20:19 | 36m | 20:56 | 42m | 21:38 | 50m | 22:28 | 9h 25m | 5h 07m | | | | Do, 4. Mai |
| Fr, 5. Mai | MESZ | —:~:~:~:~ | – | Mond stört | ☽ | 20:21 | 05:31 | 03:36 | 50m | 04:26 | 42m | 05:08 | 36m | 05:45 | 14h 35m | 20:21 | 36m | 20:57 | 42m | 21:40 | 50m | 22:31 | 9h 22m | 5h 02m | | | | Fr, 5. Mai |
| Sa, 6. Mai | MESZ | —:~:~:~:~ | – | Mond stört | | 21:41 | 05:54 | 03:33 | 50m | 04:24 | 42m | 05:07 | 36m | 05:43 | 14h 38m | 20:22 | 36m | 20:59 | 43m | 21:42 | 51m | 22:33 | 9h 19m | 4h 57m | | | | Sa, 6. Mai |
| So, 7. Mai | MESZ | 22:35–23:00 | 24m | AN ₊ bis M ₇ | | 23:00 | 06:23 | 03:31 | 51m | 04:22 | 43m | 05:05 | 36m | 05:42 | 14h 41m | 20:23 | 36m | 21:00 | 43m | 21:44 | 51m | 22:35 | 9h 17m | 4h 52m | | | | So, 7. Mai |
| Mo, 8. Mai | MESZ | 22:38–00:13* | 1h 35m | AN ₊ bis M ₇ | | —:— | 07:04 | 03:28 | 51m | 04:20 | 43m | 05:03 | 36m | 05:40 | 14h 44m | 20:25 | 37m | 21:02 | 43m | 21:45 | 52m | 22:38 | 9h 14m | 4h 47m | | | | Mo, 8. Mai |
| Di, 9. Mai | MESZ | 22:40–01:15* | 2h 34m | AN ₊ bis M ₇ | | 00:13 | 07:57 | 03:26 | 52m | 04:18 | 43m | 05:02 | 37m | 05:39 | 14h 46m | 20:26 | 37m | 21:03 | 43m | 21:47 | 53m | 22:40 | 9h 11m | 4h 43m | | | | Di, 9. Mai |
| Mi, 10. Mai | MESZ | 22:43–02:03* | 3h 20m | AN ₊ bis M ₇ | | 01:15 | 09:05 | 03:23 | 53m | 04:16 | 43m | 05:00 | 37m | 05:38 | 14h 49m | 20:27 | 37m | 21:05 | 44m | 21:49 | 53m | 22:43 | 9h 09m | 4h 38m | | | | Mi, 10. Mai |
| Do, 11. Mai | MESZ | 22:45–02:39* | 3h 53m | AN ₊ bis M ₇ | | 02:03 | 10:23 | 03:21 | 53m | 04:15 | 44m | 04:59 | 37m | 05:36 | 14h 52m | 20:28 | 37m | 21:06 | 44m | 21:51 | 54m | 22:45 | 9h 06m | 4h 33m | | | | Do, 11. Mai |
| Fr, 12. Mai | MESZ | 22:47–03:06* | 4h 18m | AN ₊ bis M ₇ | ☾ | 02:39 | 11:46 | 03:18 | 54m | 04:13 | 44m | 04:57 | 37m | 05:35 | 14h 54m | 20:30 | 37m | 21:07 | 44m | 21:52 | 54m | 22:47 | 9h 03m | 4h 28m | | | | Fr, 12. Mai |
| Sa, 13. Mai | MESZ | 22:50–03:14* | 4h 23m | AN ₊ bis AN ₋ | | 03:06 | 13:08 | 03:16 | 54m | 04:11 | 44m | 04:56 | 37m | 05:34 | 14h 57m | 20:31 | 37m | 21:09 | 45m | 21:54 | 55m | 22:50 | 9h 01m | 4h 23m | | | | Sa, 13. Mai |
| So, 14. Mai | MESZ | 22:52–03:11* | 4h 18m | AN ₊ bis AN ₋ | | 03:28 | 14:27 | 03:14 | 55m | 04:09 | 45m | 04:54 | 37m | 05:32 | 14h 59m | 20:32 | 38m | 21:10 | 45m | 21:56 | 56m | 22:52 | 8h 58m | 4h 18m | | | | So, 14. Mai |
| Mo, 15. Mai | MESZ | 22:55–03:09* | 4h 14m | AN ₊ bis AN ₋ | | 03:47 | 15:45 | 03:11 | 56m | 04:07 | 45m | 04:53 | 38m | 05:31 | 15h 02m | 20:33 | 38m | 21:12 | 45m | 21:58 | 57m | 22:55 | 8h 56m | 4h 14m | | | | Mo, 15. Mai |
| Di, 16. Mai | MESZ | 22:57–03:06* | 4h 09m | AN ₊ bis AN ₋ | | 04:04 | 17:01 | 03:09 | 57m | 04:06 | 45m | 04:52 | 38m | 05:30 | 15h 04m | 20:35 | 38m | 21:13 | 46m | 21:59 | 57m | 22:57 | 8h 54m | 4h 09m | | | | Di, 16. Mai |
| Mi, 17. Mai | MESZ | 22:59–03:04* | 4h 04m | AN ₊ bis AN ₋ | | 04:22 | 18:17 | 03:06 | 57m | 04:04 | 46m | 04:50 | 38m | 05:29 | 15h 07m | 20:36 | 38m | 21:15 | 46m | 22:01 | 58m | 22:59 | 8h 51m | 4h 04m | | | | Mi, 17. Mai |
| Do, 18. Mai | MESZ | 23:02–03:02* | 3h 59m | AN ₊ bis AN ₋ | | 04:42 | 19:34 | 03:04 | 58m | 04:03 | 46m | 04:49 | 38m | 05:28 | 15h 09m | 20:37 | 38m | 21:16 | 46m | 22:03 | 59m | 23:02 | 8h 49m | 3h 59m | | | | Do, 18. Mai |
| Fr, 19. Mai | MESZ | 23:04–02:59* | 3h 55m | AN ₊ bis AN ₋ | ☀ | 05:05 | 20:50 | 03:02 | 59m | 04:01 | 46m | 04:48 | 38m | 05:26 | 15h 11m | 20:38 | 38m | 21:17 | 46m | 22:04 | 1h 00m | 23:04 | 8h 47m | 3h 55m | | | | Fr, 19. Mai |
| Sa, 20. Mai | MESZ | 23:07–02:57* | 3h 50m | AN ₊ bis AN ₋ | | 05:33 | 22:02 | 02:59 | 1h 00m | 03:59 | 46m | 04:46 | 38m | 05:25 | 15h 14m | 20:39 | 39m | 21:19 | 47m | 22:06 | 1h 00m | 23:07 | 8h 44m | 3h 50m | | | | Sa, 20. Mai |
| So, 21. Mai | MESZ | 23:09–02:55* | 3h 45m | AN ₊ bis AN ₋ | | 06:09 | 23:08 | 02:57 | 1h 00m | 03:58 | 47m | 04:45 | 39m | 05:24 | 15h 16m | 20:41 | 39m | 21:20 | 47m | 22:08 | 1h 01m | 23:09 | 8h 42m | 3h 45m | | | | So, 21. Mai |
| Mo, 22. Mai | MESZ | 00:04*–02:52* | 2h 48m | M _\ bis AN ₋ | | 06:54 | —:— | 02:55 | 1h 01m | 03:56 | 47m | 04:44 | 39m | 05:23 | 15h 18m | 20:42 | 39m | 21:21 | 47m | 22:09 | 1h 02m | 23:12 | 8h 40m | 3h 40m | </ | | | |

| 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 | | Δt | | Ph. | ↑ | ↓ | Astr. | Δt | Naut. | Δt | Bürg. | Δt | ↑ | Δt | ↓ | Δt | Bürg. | Δt | Naut. | Δt | Astr. | Δt | Δt | | Δt | | |
| Mi, 31. Mai | MESZ | —:—:—:— | — | Mond stört | | 16:44 | 03:16 | 02:35 | 1h 09m | 03:45 | 50m | 04:35 | 40m | 05:16 | 15h 35m | 20:51 | 40m | 21:32 | 50m | 22:22 | 1h 10m | 23:33 | 8h 24m | 3h 00m | | | | Mi, 31. Mai |
| Do, 1. Jun | MESZ | —:—:—:— | — | Mond stört | | 17:58 | 03:33 | 02:33 | 1h 10m | 03:44 | 50m | 04:34 | 40m | 05:15 | 15h 36m | 20:52 | 40m | 21:33 | 50m | 22:24 | 1h 11m | 23:35 | 8h 22m | 2h 56m | | | | Do, 1. Jun |
| Fr, 2. Jun | MESZ | —:—:—:— | — | Mond stört | | 19:16 | 03:54 | 02:32 | 1h 11m | 03:43 | 50m | 04:34 | 40m | 05:15 | 15h 38m | 20:53 | 41m | 21:34 | 51m | 22:25 | 1h 12m | 23:37 | 8h 21m | 2h 52m | | | | Fr, 2. Jun |
| Sa, 3. Jun | MESZ | —:~:~:~:~ | — | Mond stört | | 20:37 | 04:21 | 02:30 | 1h 12m | 03:42 | 51m | 04:33 | 41m | 05:14 | 15h 39m | 20:54 | 41m | 21:35 | 51m | 22:26 | 1h 12m | 23:39 | 8h 19m | 2h 48m | | | | Sa, 3. Jun |
| So, 4. Jun | MESZ | ~:~:~:~:~ | — | Mond stört | ○ | 21:55 | 04:57 | 02:28 | 1h 12m | 03:41 | 51m | 04:32 | 41m | 05:13 | 15h 41m | 20:55 | 41m | 21:36 | 51m | 22:28 | 1h 13m | 23:41 | 8h 18m | 2h 44m | | | | So, 4. Jun |
| Mo, 5. Jun | MESZ | ~:~:~:~:~ | — | Mond stört | | 23:04 | 05:46 | 02:26 | 1h 13m | 03:40 | 51m | 04:32 | 41m | 05:13 | 15h 42m | 20:55 | 41m | 21:37 | 51m | 22:29 | 1h 14m | 23:43 | 8h 17m | 2h 41m | | | | Mo, 5. Jun |
| Di, 6. Jun | MESZ | 23:45—23:59 | 13m | AN+ bis M7 | | 23:59 | 06:51 | 02:25 | 1h 14m | 03:39 | 51m | 04:31 | 41m | 05:13 | 15h 43m | 20:56 | 41m | 21:38 | 52m | 22:30 | 1h 15m | 23:45 | 8h 15m | 2h 37m | | | | Di, 6. Jun |
| Mi, 7. Jun | MESZ | 23:47—00:39* | 52m | AN+ bis M7 | | —:~ | 08:08 | 02:23 | 1h 15m | 03:39 | 52m | 04:31 | 41m | 05:12 | 15h 44m | 20:57 | 41m | 21:39 | 52m | 22:31 | 1h 16m | 23:47 | 8h 14m | 2h 34m | | | | Mi, 7. Jun |
| Do, 8. Jun | MESZ | 23:49—01:10* | 1h 20m | AN+ bis M7 | | 00:39 | 09:32 | 02:22 | 1h 16m | 03:38 | 52m | 04:30 | 41m | 05:12 | 15h 45m | 20:58 | 41m | 21:39 | 52m | 22:32 | 1h 17m | 23:49 | 8h 13m | 2h 31m | | | | Do, 8. Jun |
| Fr, 9. Jun | MESZ | 23:51—01:33* | 1h 42m | AN+ bis M7 | | 01:10 | 10:56 | 02:20 | 1h 17m | 03:37 | 52m | 04:30 | 41m | 05:11 | 15h 46m | 20:58 | 41m | 21:40 | 52m | 22:33 | 1h 17m | 23:51 | 8h 12m | 2h 28m | | | | Fr, 9. Jun |
| Sa, 10. Jun | MESZ | 23:52—01:53* | 2h 00m | AN+ bis M7 | ● | 01:33 | 12:17 | 02:19 | 1h 17m | 03:37 | 52m | 04:29 | 41m | 05:11 | 15h 47m | 20:59 | 41m | 21:41 | 52m | 22:34 | 1h 18m | 23:52 | 8h 11m | 2h 25m | | | | Sa, 10. Jun |
| So, 11. Jun | MESZ | 23:54—02:11* | 2h 16m | AN+ bis M7 | | 01:53 | 13:35 | 02:18 | 1h 18m | 03:36 | 52m | 04:29 | 41m | 05:11 | 15h 48m | 21:00 | 41m | 21:42 | 52m | 22:35 | 1h 19m | 23:54 | 8h 11m | 2h 22m | | | | So, 11. Jun |
| Mo, 12. Jun | MESZ | 23:55—02:15* | 2h 20m | AN+ bis AN- | | 02:11 | 14:51 | 02:16 | 1h 19m | 03:36 | 52m | 04:29 | 41m | 05:11 | 15h 49m | 21:00 | 42m | 21:42 | 53m | 22:35 | 1h 20m | 23:55 | 8h 10m | 2h 20m | | | | Mo, 12. Jun |
| Di, 13. Jun | MESZ | 23:57—02:15* | 2h 17m | AN+ bis AN- | | 02:28 | 16:05 | 02:15 | 1h 20m | 03:35 | 53m | 04:29 | 42m | 05:11 | 15h 50m | 21:01 | 42m | 21:43 | 53m | 22:36 | 1h 20m | 23:57 | 8h 09m | 2h 17m | | | | Di, 13. Jun |
| Mi, 14. Jun | MESZ | 23:58—02:14* | 2h 15m | AN+ bis AN- | | 02:47 | 17:20 | 02:15 | 1h 20m | 03:35 | 53m | 04:28 | 42m | 05:11 | 15h 50m | 21:01 | 42m | 21:43 | 53m | 22:37 | 1h 21m | 23:58 | 8h 09m | 2h 15m | | | | Mi, 14. Jun |
| Do, 15. Jun | MESZ | 23:59—02:13* | 2h 14m | AN+ bis AN- | | 03:08 | 18:35 | 02:14 | 1h 21m | 03:35 | 53m | 04:28 | 42m | 05:10 | 15h 51m | 21:02 | 42m | 21:44 | 53m | 22:37 | 1h 21m | 23:59 | 8h 08m | 2h 14m | | | | Do, 15. Jun |
| Fr, 16. Jun | MESZ | 00:00*—02:13* | 2h 12m | AN+ bis AN- | | 03:34 | 19:48 | 02:13 | 1h 21m | 03:35 | 53m | 04:28 | 42m | 05:10 | 15h 51m | 21:02 | 42m | 21:44 | 53m | 22:38 | 1h 22m | 00:00* | 8h 08m | 2h 12m | | | | Fr, 16. Jun |
| Sa, 17. Jun | MESZ | 00:01*—02:12* | 2h 11m | AN+ bis AN- | | 04:07 | 20:56 | 02:13 | 1h 22m | 03:35 | 53m | 04:28 | 42m | 05:10 | 15h 52m | 21:02 | 42m | 21:45 | 53m | 22:38 | 1h 22m | 00:01* | 8h 08m | 2h 11m | | | | Sa, 17. Jun |
| So, 18. Jun | MESZ | 00:01*—02:12* | 2h 10m | AN+ bis AN- | ● | 04:48 | 21:56 | 02:12 | 1h 22m | 03:35 | 53m | 04:28 | 42m | 05:10 | 15h 52m | 21:03 | 42m | 21:45 | 53m | 22:39 | 1h 22m | 00:01* | 8h 07m | 2h 10m | | | | So, 18. Jun |
| Mo, 19. Jun | MESZ | 00:02*—02:12* | 2h 09m | AN+ bis AN- | | 05:40 | 22:44 | 02:12 | 1h 22m | 03:35 | 53m | 04:28 | 42m | 05:11 | 15h 52m | 21:03 | 42m | 21:45 | 53m | 22:39 | 1h 22m | 00:02* | 8h 07m | 2h 09m | | | | Mo, 19. Jun |
| Di, 20. Jun | MESZ | 00:02*—02:12* | 2h 09m | AN+ bis AN- | | 06:39 | 23:22 | 02:12 | 1h 22m | 03:35 | 53m | 04:28 | 42m | 05:11 | 15h 52m | 21:03 | 42m | 21:46 | 53m | 22:39 | 1h 22m | 00:02* | 8h 07m | 2h 09m | | | | Di, 20. Jun |
| Mi, 21. Jun | MESZ | 00:03*—02:12* | 2h 09m | AN+ bis AN- | | 07:45 | 23:51 | 02:12 | 1h 22m | 03:35 | 53m | 04:29 | 42m | 05:11 | 15h 52m | 21:04 | 42m | 21:46 | 53m | 22:40 | 1h 22m | 00:03* | 8h 07m | 2h 09m | | | | Mi, 21. Jun |
| Do, 22. Jun | MESZ | 00:14*—02:13* | 1h 58m | M\ bis AN- | | 08:52 | —:~ | 02:12 | 1h 22m | 03:35 | 53m | 04:29 | 42m | 05:11 | 15h 52m | 21:04 | 42m | 21:46 | 53m | 22:40 | 1h 22m | 00:03* | 8h 07m | 2h 09m | | | | Do, 22. Jun |
| Fr, 23. Jun | MESZ | 00:33*—02:13* | 1h 39m | M\ bis AN- | | 09:59 | 00:14 | 02:13 | 1h 22m | 03:35 | 53m | 04:29 | 42m | 05:11 | 15h 52m | 21:04 | 42m | 21:46 | 53m | 22:40 | 1h 22m | 00:03* | 8h 07m | 2h 10m | | | | Fr, 23. Jun |
| Sa, 24. Jun | MESZ | 00:50*—02:14* | 1h 24m | M\ bis AN- | | 11:05 | 00:33 | 02:13 | 1h 22m | 03:36 | 53m | 04:29 | 42m | 05:12 | 15h 52m | 21:04 | 42m | 21:46 | 53m | 22:40 | 1h 22m | 00:02* | 8h 07m | 2h 11m | | | | Sa, 24. Jun |
| So, 25. Jun | MESZ | 01:05*—02:14* | 1h 09m | M\ bis AN- | | 12:11 | 00:50 | 02:14 | 1h 22m | 03:36 | 53m | 04:30 | 42m | 05:12 | 15h 52m | 21:04 | 42m | 21:46 | 53m | 22:40 | 1h 22m | 00:02* | 8h 08m | 2h 12m | | | | So, 25. Jun |
| Mo, 26. Jun | MESZ | 01:20*—02:15* | 55m | M\ bis AN- | ◐ | 13:17 | 01:05 | 02:14 | 1h 22m | 03:37 | 53m | 04:30 | 42m | 05:12 | 15h 51m | 21:04 | 42m | 21:46 | 53m | 22:40 | 1h 21m | 00:02* | 8h 08m | 2h 13m | | | | Mo, 26. Jun |
| Di, 27. Jun | MESZ | 01:36*—02:16* | 40m | M\ bis AN- | | 14:25 | 01:20 | 02:15 | 1h 21m | 03:37 | 53m | 04:31 | 42m | 05:13 | 15h 51m | 21:04 | 42m | 21:46 | 53m | 22:40 | 1h 21m | 00:01* | 8h 09m | 2h 15m | | | | Di, 27. Jun |
| Mi, 28. Jun | MESZ | 01:55*—02:18* | 22m | M\ bis AN- | | 15:36 | 01:36 | 02:16 | 1h 21m | 03:38 | 53m | 04:31 | 42m | 05:13 | 15h 50m | 21:04 | 42m | 21:46 | 53m | 22:40 | 1h 20m | 00:00* | 8h 09m | 2h 17m | | | | Mi, 28. Jun |
| Do, 29. Jun | MESZ | 02:18*—02:19* | 0m | M\ bis AN- | | 16:51 | 01:55 | 02:18 | 1h 20m | 03:38 | 53m | 04:32 | 42m | 05:14 | 15h 50m | 21:04 | 42m | 21:46 | 53m | 22:39 | 1h 20m | 23:59 | 8h 10m | 2h 19m | | | | Do, 29. Jun |
| Fr, 30. Jun | MESZ | ~:~:~:~:~ | — | Mond stört | | 18:10 | 02:18 | 02:19 | 1h 20m | 03:39 | 53m | 04:32 | 42m | 05:14 | 15h 49m | 21:04 | 42m | 21:46 | 53m | 22:39 | 1h 19m | 23:58 | 8h 10m | 2h 21m | | | | Fr, 30. Jun |
| Sa, 1. Jul | MESZ | ~:~:~:~:~ | — | Mond stört | | 19:30 | 02:49 | 02:20 | 1h 19m | 03:40 | 53m | 04:33 | 42m | 05:15 | 15h 48m | 21:04 | 41m | 21:46 | 52m | 22:38 | 1h 18m | 23:57 | 8h 11m | 2h 24m | | | | Sa, 1. Jul |
| So, 2. Jul | MESZ | ~:~:~:~:~ | — | Mond stört | | 20:44 | 03:32 | 02:22 | 1h 18m | 03:41 | 52m | 04:33 | 41m | 05:15 | 15h 48m | 21:03 | 41m | 21:45 | 52m | 22:38 | 1h 18m | 23:56 | 8h 12m | 2h 27m | | | | So, 2. Jul |
| Mo, 3. Jul | MESZ | ~:~:~:~:~ | — | Mond stört | ○ | 21:47 | 04:30 | 02:23 | 1h 18m | 03:41 | 52m | 04:34 | 41m | 05:16 | 15h 47m | 21:03 | 41m | 21:45 | 52m | 22:37 | 1h 17m | 23:55 | 8h 13m | 2h 30m | | | | Mo, 3. Jul |
| Di, 4. Jul | MESZ | ~:~:~:~:~ | — | Mond stört | | 22:35 | 05:44 | 02:25 | 1h 17m | 03:42 | 52m | 04:35 | 41m | 05:17 | 15h 46m | 21:03 | 41m | 21:45 | 52m | 22:37 | 1h 16m | 23:54 | 8h 14m | 2h 33m | | | | Di, 4. Jul |
| Mi, 5. Jul | MESZ | ~:~:~:~:~ | — | Mond stört | | 23:10 | 07:08 | 02:27 | 1h 16m | 03:43 | 52m | 04:36 | 41m | 05:17 | 15h 45m | 21:02 | 41m | 21:44 | 52m | 22:36 | 1h 15m | 23:52 | 8h 15m | 2h 36m | | | | Mi, 5. Jul |
| Do, 6. Jul | MESZ | ~:~:~:~:~ | — | Mond stört | | 23:36 | 08:36 | 02:29 | 1h 15m | 03:44 | 52m | 04:36 | 41m | 05:18 | 15h 44m | 21:02 | 41m | 21:44 | 51m | 22:35 | 1h 15m | 23:50 | 8h 16m | 2h 39m | | | | Do, 6. Jul |
| Fr, 7. Jul | MESZ | 23:49—23:58 | 8m | AN+ bis M7 | | 23:58 | 10:01 | 02:30 | 1h 15m | 03:45 | 51m | 04:37 | 41m | 05:19 | 15h 42m | 21:02 | 41m | 21:43 | 51m | 22:35 | 1h 14m | 23:49 | 8h 17m | 2h 43m | | | | Fr, 7. Jul |
| Sa, 8. Jul | MESZ | 23:47—00:17* | 29m | AN+ bis M7 | | —:~ | 11:22 | 02:32 | 1h 14m | 03:47 | 51m | 04:38 | 41m | 05:20 | 15h 41m | 21:01 | 41m | 21:42 | 51m | 22:34 | 1h 13m | 23:47 | 8h 19m | 2h 47m | | | | Sa, 8. Jul |
| So, 9. Jul | MESZ | 23:45—00:34* | 49m | AN+ bis M7 | | 00:17 | 12:40 | 02:34 | 1h 13m | 03:48 | 51m | 04:39 | 41m | 05:20 | 15h 40m | 21:01 | 41m | 21:42 | 51m | 22:33 | 1h 12m | 23:45 | 8h 20m | 2h 51m | | | | So, 9. Jul |
| Mo, 10. Jul | MESZ | 23:44—00:53* | 1h 09m | AN+ bis M7 | ◑ | 00:34 | 13:56 | 02:36 | 1h 12m | 03:49 | 51m | 04:40 | 41m | 05:21 | 15h 38m | 21:00 | 41m | 21:41 | 50m | 22:32 | 1h 11m | 23:44 | 8h 22m | 2h 55m | | | | Mo, 10. Jul |
| Di, 11. Jul | MESZ | 23:42—01:13* | 1h 31m | AN+ bis M7 | | 00:53 | 15:11 | 02:39 | 1h 11m | 03:50 | 50m | 04:41 | 41m | 05:22 | 15h 37m | 20:59 | 40m | 21:40 | 50m | 22:31 | 1h 10m | 23:42 | 8h 23m | 2h 59m | | | | Di, 11. Jul |
| Mi, 12. Jul | MESZ | 23:40—01:37* | 1h 57m | AN+ bis M7 | | 01:13 | 16:26 | 02:41 | 1h 10m | 03:51 | 50m | 04:42 | 40m | 05:23 | 15h 35m | 20:59 | 40m | 21:40 | 50m | 22:30 | 1h 09m | 23:40 | 8h 25m | | | | | |

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

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

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

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