

Mond- und Dämmerungstabelle 2024

für die visuelle Deep-Sky-Beobachtung

Waldenburg BL 47.3830° N 7.7485° 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 |
|-------------|----------|----------------------------|------------|-------------------------------------|------|------------|------------|----------------------------|------------|-------|------------|-------|------------|------------|------------|-------------------------|------------|-------|------------|-------|------------|----------|----------------------------|------------|----|------------|----|-------------|
| 2024 | Zeitzone | Astr. dunkel und kein Mond | | | Mond | | | Beginn der Morgendämmerung | | | | | Sonne | | | Ende der Abenddämmerung | | | | | Nacht | Astr. N. | Naut. dunkel und kein Mond | | | 2024 | | |
| | | | Δt | | Ph. | \nearrow | \searrow | Astr. | Δt | Naut. | Δt | Bürg. | Δt | \nearrow | Δt | \searrow | Δt | Bürg. | Δt | Naut. | Δt | Astr. | Δt | Δt | | Δt | | |
| Mo, 1. Jan | | 18:41 – 22:25 | 3h 43m | AN ₊ bis M ₇ | | 22:25 | 11:27 | 06:22 | 37m | 07:00 | 38m | 07:38 | 37m | 08:15 | 8h 32m | 16:48 | 37m | 17:26 | 38m | 18:04 | 37m | 18:41 | 15h 27m | 11h 40m | | | | Mo, 1. Jan |
| Di, 2. Jan | | 18:42 – 23:30 | 4h 47m | AN ₊ bis M ₇ | | 23:30 | 11:42 | 06:22 | 37m | 07:00 | 38m | 07:38 | 37m | 08:15 | 8h 33m | 16:49 | 37m | 17:27 | 38m | 18:05 | 37m | 18:42 | 15h 26m | 11h 40m | | | | Di, 2. Jan |
| Mi, 3. Jan | | 18:43 – 00:35* | 5h 52m | AN ₊ bis M ₇ | | —:— | 11:55 | 06:23 | 37m | 07:00 | 38m | 07:38 | 37m | 08:15 | 8h 34m | 16:50 | 37m | 17:28 | 38m | 18:06 | 37m | 18:43 | 15h 24m | 11h 39m | | | | Mi, 3. Jan |
| Do, 4. Jan | | 18:44 – 01:42* | 6h 58m | AN ₊ bis M ₇ | ☾ | 00:35 | 12:09 | 06:23 | 37m | 07:00 | 37m | 07:38 | 37m | 08:15 | 8h 36m | 16:51 | 37m | 17:29 | 37m | 18:07 | 37m | 18:44 | 15h 23m | 11h 38m | | | | Do, 4. Jan |
| Fr, 5. Jan | | 18:45 – 02:53* | 8h 07m | AN ₊ bis M ₇ | | 01:42 | 12:25 | 06:23 | 37m | 07:00 | 37m | 07:38 | 37m | 08:15 | 8h 37m | 16:52 | 37m | 17:30 | 37m | 18:08 | 37m | 18:45 | 15h 22m | 11h 37m | | | | Fr, 5. Jan |
| Sa, 6. Jan | | 18:46 – 04:06* | 9h 20m | AN ₊ bis M ₇ | | 02:53 | 12:43 | 06:23 | 37m | 07:00 | 37m | 07:38 | 37m | 08:15 | 8h 38m | 16:53 | 37m | 17:31 | 37m | 18:09 | 37m | 18:46 | 15h 21m | 11h 36m | | | | Sa, 6. Jan |
| So, 7. Jan | | 18:47 – 05:23* | 10h 36m | AN ₊ bis M ₇ | | 04:06 | 13:07 | 06:22 | 37m | 07:00 | 37m | 07:37 | 37m | 08:15 | 8h 39m | 16:55 | 37m | 17:32 | 37m | 18:10 | 37m | 18:47 | 15h 19m | 11h 35m | | | | So, 7. Jan |
| Mo, 8. Jan | | 18:48 – 06:22* | 11h 34m | AN ₊ bis AN ₋ | | 05:23 | 13:38 | 06:22 | 36m | 06:59 | 37m | 07:37 | 37m | 08:14 | 8h 41m | 16:56 | 37m | 17:33 | 37m | 18:11 | 37m | 18:48 | 15h 18m | 11h 34m | | | | Mo, 8. Jan |
| Di, 9. Jan | | 18:49 – 06:22* | 11h 33m | AN ₊ bis AN ₋ | | 06:39 | 14:22 | 06:22 | 36m | 06:59 | 37m | 07:37 | 37m | 08:14 | 8h 42m | 16:57 | 37m | 17:34 | 37m | 18:12 | 36m | 18:49 | 15h 16m | 11h 33m | | | | Di, 9. Jan |
| Mi, 10. Jan | | 18:50 – 06:22* | 11h 31m | AN ₊ bis AN ₋ | | 07:49 | 15:22 | 06:22 | 36m | 06:59 | 37m | 07:37 | 37m | 08:14 | 8h 44m | 16:58 | 37m | 17:35 | 37m | 18:13 | 36m | 18:50 | 15h 15m | 11h 31m | | | | Mi, 10. Jan |
| Do, 11. Jan | | 18:51 – 06:22* | 11h 30m | AN ₊ bis AN ₋ | ☾ | 08:45 | 16:37 | 06:22 | 36m | 06:59 | 37m | 07:36 | 37m | 08:13 | 8h 46m | 16:59 | 37m | 17:36 | 37m | 18:14 | 36m | 18:51 | 15h 13m | 11h 30m | | | | Do, 11. Jan |
| Fr, 12. Jan | | 18:52 – 06:21* | 11h 29m | AN ₊ bis AN ₋ | | 09:28 | 18:03 | 06:22 | 36m | 06:58 | 37m | 07:36 | 36m | 08:13 | 8h 47m | 17:01 | 36m | 17:38 | 37m | 18:15 | 36m | 18:52 | 15h 11m | 11h 29m | | | | Fr, 12. Jan |
| Sa, 13. Jan | | 19:31 – 06:21* | 10h 50m | M _\ bis AN ₋ | | 10:00 | 19:31 | 06:21 | 36m | 06:58 | 37m | 07:35 | 36m | 08:12 | 8h 49m | 17:02 | 36m | 17:39 | 37m | 18:16 | 36m | 18:53 | 15h 09m | 11h 27m | | | | Sa, 13. Jan |
| So, 14. Jan | | 20:57 – 06:20* | 9h 23m | M _\ bis AN ₋ | | 10:24 | 20:57 | 06:21 | 36m | 06:58 | 37m | 07:35 | 36m | 08:12 | 8h 51m | 17:03 | 36m | 17:40 | 37m | 18:17 | 36m | 18:54 | 15h 07m | 11h 26m | | | | So, 14. Jan |
| Mo, 15. Jan | | 22:19 – 06:20* | 8h 00m | M _\ bis AN ₋ | | 10:44 | 22:19 | 06:20 | 36m | 06:57 | 37m | 07:35 | 36m | 08:11 | 8h 53m | 17:05 | 36m | 17:41 | 37m | 18:19 | 36m | 18:55 | 15h 05m | 11h 24m | | | | Mo, 15. Jan |
| Di, 16. Jan | | 23:40 – 06:20* | 6h 39m | M _\ bis AN ₋ | | 11:02 | 23:40 | 06:20 | 36m | 06:57 | 37m | 07:34 | 36m | 08:11 | 8h 55m | 17:06 | 36m | 17:43 | 37m | 18:20 | 36m | 18:57 | 15h 03m | 11h 23m | | | | Di, 16. Jan |
| Mi, 17. Jan | | 00:59* – 06:19* | 5h 20m | M _\ bis AN ₋ | | 11:19 | —:— | 06:20 | 36m | 06:56 | 37m | 07:33 | 36m | 08:10 | 8h 57m | 17:07 | 36m | 17:44 | 37m | 18:21 | 36m | 18:58 | 15h 01m | 11h 21m | | | | Mi, 17. Jan |
| Do, 18. Jan | | 02:17* – 06:19* | 4h 01m | M _\ bis AN ₋ | ☾ | 11:37 | 00:59 | 06:19 | 36m | 06:56 | 37m | 07:33 | 36m | 08:09 | 8h 59m | 17:09 | 36m | 17:45 | 37m | 18:22 | 36m | 18:59 | 14h 59m | 11h 19m | | | | Do, 18. Jan |
| Fr, 19. Jan | | 03:36* – 06:18* | 2h 42m | M _\ bis AN ₋ | | 11:59 | 02:17 | 06:19 | 36m | 06:55 | 37m | 07:32 | 36m | 08:08 | 9h 01m | 17:10 | 36m | 17:46 | 37m | 18:24 | 36m | 19:00 | 14h 57m | 11h 17m | | | | Fr, 19. Jan |
| Sa, 20. Jan | | 04:52* – 06:17* | 1h 25m | M _\ bis AN ₋ | | 12:24 | 03:36 | 06:18 | 36m | 06:54 | 36m | 07:31 | 36m | 08:08 | 9h 04m | 17:12 | 36m | 17:48 | 36m | 18:25 | 36m | 19:01 | 14h 55m | 11h 16m | | | | Sa, 20. Jan |
| So, 21. Jan | | 06:02* – 06:17* | 14m | M _\ bis AN ₋ | | 12:58 | 04:52 | 06:17 | 36m | 06:54 | 36m | 07:31 | 36m | 08:07 | 9h 06m | 17:13 | 36m | 17:49 | 36m | 18:26 | 36m | 19:02 | 14h 52m | 11h 14m | | | | So, 21. Jan |
| Mo, 22. Jan | | —:—:—:— | – | Mond stört | | 13:41 | 06:02 | 06:17 | 36m | 06:53 | 36m | 07:30 | 35m | 08:06 | 9h 08m | 17:14 | 35m | 17:50 | 36m | 18:27 | 36m | 19:04 | 14h 50m | 11h 12m | | | | Mo, 22. Jan |
| Di, 23. Jan | | —:—:—:— | – | Mond stört | | 14:35 | 07:02 | 06:16 | 36m | 06:52 | 36m | 07:29 | 35m | 08:05 | 9h 11m | 17:16 | 35m | 17:52 | 36m | 18:29 | 36m | 19:05 | 14h 47m | 11h 10m | | | | Di, 23. Jan |
| Mi, 24. Jan | | —:—:—:— | – | Mond stört | | 15:38 | 07:50 | 06:15 | 36m | 06:52 | 36m | 07:28 | 35m | 08:04 | 9h 13m | 17:17 | 35m | 17:53 | 36m | 18:30 | 36m | 19:06 | 14h 45m | 11h 08m | | | | Mi, 24. Jan |
| Do, 25. Jan | | —:—:~:~:~ | – | Mond stört | ☾ | 16:47 | 08:26 | 06:14 | 36m | 06:51 | 36m | 07:27 | 35m | 08:03 | 9h 16m | 17:19 | 35m | 17:55 | 36m | 18:31 | 36m | 19:07 | 14h 42m | 11h 06m | | | | Do, 25. Jan |
| Fr, 26. Jan | | —:~:~:~:~ | – | Mond stört | | 17:57 | 08:54 | 06:14 | 36m | 06:50 | 36m | 07:26 | 35m | 08:02 | 9h 18m | 17:20 | 35m | 17:56 | 36m | 18:33 | 36m | 19:09 | 14h 40m | 11h 04m | | | | Fr, 26. Jan |
| Sa, 27. Jan | | —:~:~:~:~ | – | Mond stört | | 19:06 | 09:15 | 06:13 | 36m | 06:49 | 36m | 07:25 | 35m | 08:01 | 9h 21m | 17:22 | 35m | 17:57 | 36m | 18:34 | 36m | 19:10 | 14h 37m | 11h 01m | | | | Sa, 27. Jan |
| So, 28. Jan | | 19:11 – 20:13 | 1h 01m | AN ₊ bis M ₇ | | 20:13 | 09:33 | 06:12 | 36m | 06:48 | 36m | 07:24 | 35m | 08:00 | 9h 23m | 17:23 | 35m | 17:59 | 36m | 18:35 | 36m | 19:11 | 14h 35m | 10h 59m | | | | So, 28. Jan |
| Mo, 29. Jan | | 19:13 – 21:18 | 2h 05m | AN ₊ bis M ₇ | | 21:18 | 09:48 | 06:11 | 36m | 06:47 | 36m | 07:23 | 35m | 07:59 | 9h 26m | 17:25 | 35m | 18:00 | 36m | 18:37 | 36m | 19:13 | 14h 32m | 10h 57m | | | | Mo, 29. Jan |
| Di, 30. Jan | | 19:14 – 22:23 | 3h 09m | AN ₊ bis M ₇ | | 22:23 | 10:01 | 06:10 | 35m | 06:46 | 36m | 07:22 | 35m | 07:57 | 9h 29m | 17:27 | 35m | 18:02 | 36m | 18:38 | 36m | 19:14 | 14h 29m | 10h 55m | | | | Di, 30. Jan |
| Mi, 31. Jan | | 19:15 – 23:29 | 4h 13m | AN ₊ bis M ₇ | | 23:29 | 10:15 | 06:09 | 35m | 06:45 | 36m | 07:21 | 35m | 07:56 | 9h 31m | 17:28 | 35m | 18:03 | 36m | 18:39 | 35m | 19:15 | 14h 26m | 10h 52m | | | | Mi, 31. Jan |
| Do, 1. Feb | | 19:17 – 00:37* | 5h 19m | AN ₊ bis M ₇ | | —:— | 10:29 | 06:08 | 35m | 06:44 | 36m | 07:20 | 34m | 07:55 | 9h 34m | 17:30 | 34m | 18:05 | 36m | 18:41 | 35m | 19:17 | 14h 23m | 10h 50m | | | | Do, 1. Feb |
| Fr, 2. Feb | | 19:18 – 01:47* | 6h 29m | AN ₊ bis M ₇ | | 00:37 | 10:46 | 06:07 | 35m | 06:43 | 35m | 07:19 | 34m | 07:54 | 9h 37m | 17:31 | 34m | 18:06 | 36m | 18:42 | 35m | 19:18 | 14h 21m | 10h 47m | | | | Fr, 2. Feb |
| Sa, 3. Feb | | 19:19 – 03:01* | 7h 41m | AN ₊ bis M ₇ | ☾ | 01:47 | 11:06 | 06:06 | 35m | 06:42 | 35m | 07:18 | 34m | 07:52 | 9h 40m | 17:33 | 34m | 18:07 | 35m | 18:43 | 35m | 19:19 | 14h 18m | 10h 45m | | | | Sa, 3. Feb |
| So, 4. Feb | | 19:21 – 04:16* | 8h 55m | AN ₊ bis M ₇ | | 03:01 | 11:33 | 06:05 | 35m | 06:41 | 35m | 07:16 | 34m | 07:51 | 9h 43m | 17:34 | 34m | 18:09 | 35m | 18:45 | 35m | 19:21 | 14h 15m | 10h 42m | | | | So, 4. Feb |
| Mo, 5. Feb | | 19:22 – 05:28* | 10h 05m | AN ₊ bis M ₇ | | 04:16 | 12:09 | 06:04 | 35m | 06:39 | 35m | 07:15 | 34m | 07:50 | 9h 46m | 17:36 | 34m | 18:10 | 35m | 18:46 | 35m | 19:22 | 14h 12m | 10h 40m | | | | Mo, 5. Feb |
| Di, 6. Feb | | 19:23 – 06:01* | 10h 37m | AN ₊ bis AN ₋ | | 05:28 | 13:00 | 06:02 | 35m | 06:38 | 35m | 07:14 | 34m | 07:48 | 9h 49m | 17:37 | 34m | 18:12 | 35m | 18:48 | 35m | 19:23 | 14h 09m | 10h 37m | | | | Di, 6. Feb |
| Mi, 7. Feb | | 19:25 – 06:00* | 10h 35m | AN ₊ bis AN ₋ | | 06:30 | 14:07 | 06:01 | 35m | 06:37 | 35m | 07:12 | 34m | 07:47 | 9h 52m | 17:39 | 34m | 18:13 | 35m | 18:49 | 35m | 19:25 | 14h 06m | 10h 35m | | | | Mi, 7. Feb |
| Do, 8. Feb | | 19:26 – 05:59* | 10h 32m | AN ₊ bis AN ₋ | | 07:19 | 15:28 | 06:00 | 35m | 06:36 | 35m | 07:11 | 34m | 07:45 | 9h 55m | 17:41 | 34m | 18:15 | 35m | 18:50 | 35m | 19:26 | 14h 03m | 10h 32m | | | | Do, 8. Feb |
| Fr, 9. Feb | | 19:27 – 05:57* | 10h 29m | AN ₊ bis AN ₋ | ☾ | 07:56 | 16:57 | 05:59 | 35m | 06:34 | 35m | 07:10 | 34m | 07:44 | 9h 58m | 17:42 | 34m | 18:16 | 35m | 18:52 | 35m | 19:27 | 14h 00m | 10h 29m | | | | Fr, 9. Feb |
| Sa, 10. Feb | | 19:29 – 05:56* | 10h 27m | AN ₊ bis AN ₋ | | 08:24 | 18:27 | 05:57 | 35m | 06:33 | 35m | 07:08 | 34m | 07:42 | 10h 01m | 17:44 | 34m | 18:18 | 35m | 18:53 | 35m | 19:29 | 13h 57m | 10h 27m | | | | Sa, 10. Feb |
| So, 11. Feb | | 19:54 – 05:55* | 10h 00m | M _\ bis AN ₋ | | 08:46 | 19:54 | 05:56 | 35m | 06:31 | 35m | 07:07 | 33m | 07:41 | 10h 04m | 17:45 | 33m | 18:19 | 35m | 18:55 | 35m | 19:30 | 13h 53m | 10h 24m | | | | So, 11. Feb |
| Mo, 12. 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 |
|-------------|---------------|----------------------------|------------|-------------------------------------|------|------------|------------|----------------------------|------------|-------|------------|-------|------------|------------|------------|-------------------------|------------|-------|------------|-------|------------|----------|----------------------------|------------|----|------------|----|-------------|
| 2024 | Zeit- zone | Astr. dunkel und kein Mond | | | Mond | | | Beginn der Morgendämmerung | | | | | Sonne | | | Ende der Abenddämmerung | | | | | Nacht | Astr. N. | Naut. dunkel und kein Mond | | | 2024 | | |
| | | | Δt | | Ph. | \nearrow | \searrow | Astr. | Δt | Naut. | Δt | Bürg. | Δt | \nearrow | Δt | \searrow | Δt | Bürg. | Δt | Naut. | Δt | Astr. | Δt | Δt | | Δt | | |
| Di, 20. Feb | | —:—:—:— | — | Mond stört | | 13:29 | 05:50 | 05:42 | 35m | 06:18 | 34m | 06:53 | 33m | 07:26 | 10h 33m | 17:59 | 33m | 18:32 | 35m | 19:08 | 35m | 19:43 | 13h 24m | 9h 57m | | | | Di, 20. Feb |
| Mi, 21. Feb | | —:—:—:— | — | Mond stört | | 14:36 | 06:29 | 05:41 | 35m | 06:16 | 34m | 06:51 | 33m | 07:24 | 10h 36m | 18:01 | 33m | 18:34 | 34m | 19:09 | 35m | 19:44 | 13h 21m | 9h 54m | | | | Mi, 21. Feb |
| Do, 22. Feb | | —:—:~:~:~ | — | Mond stört | | 15:46 | 06:58 | 05:39 | 35m | 06:14 | 34m | 06:49 | 33m | 07:22 | 10h 39m | 18:02 | 33m | 18:35 | 34m | 19:10 | 35m | 19:46 | 13h 18m | 9h 51m | | | | Do, 22. Feb |
| Fr, 23. Feb | | —:~:~:~:~ | — | Mond stört | | 16:55 | 07:21 | 05:37 | 35m | 06:13 | 34m | 06:48 | 33m | 07:21 | 10h 43m | 18:04 | 33m | 18:37 | 34m | 19:12 | 35m | 19:47 | 13h 15m | 9h 48m | | | | Fr, 23. Feb |
| Sa, 24. Feb | | —:~:~:~:~ | — | Mond stört | ○ | 18:03 | 07:39 | 05:36 | 35m | 06:11 | 34m | 06:46 | 32m | 07:19 | 10h 46m | 18:05 | 32m | 18:38 | 34m | 19:13 | 35m | 19:49 | 13h 11m | 9h 45m | | | | Sa, 24. Feb |
| So, 25. Feb | | —:~:~:~:~ | — | Mond stört | | 19:09 | 07:55 | 05:34 | 35m | 06:09 | 34m | 06:44 | 32m | 07:17 | 10h 49m | 18:07 | 32m | 18:40 | 34m | 19:15 | 35m | 19:50 | 13h 08m | 9h 41m | | | | So, 25. Feb |
| Mo, 26. Feb | | 19:52–20:14 | 22m | AN ₊ bis M ₇ | | 20:14 | 08:08 | 05:32 | 35m | 06:08 | 34m | 06:42 | 32m | 07:15 | 10h 53m | 18:08 | 32m | 18:41 | 34m | 19:16 | 35m | 19:52 | 13h 05m | 9h 38m | | | | Mo, 26. Feb |
| Di, 27. Feb | | 19:53–21:19 | 1h 26m | AN ₊ bis M ₇ | | 21:19 | 08:22 | 05:30 | 35m | 06:06 | 34m | 06:41 | 32m | 07:13 | 10h 56m | 18:10 | 32m | 18:43 | 34m | 19:18 | 35m | 19:53 | 13h 01m | 9h 35m | | | | Di, 27. Feb |
| Mi, 28. Feb | | 19:55–22:26 | 2h 31m | AN ₊ bis M ₇ | | 22:26 | 08:36 | 05:29 | 35m | 06:04 | 34m | 06:39 | 32m | 07:12 | 10h 59m | 18:11 | 32m | 18:44 | 34m | 19:19 | 35m | 19:55 | 12h 58m | 9h 32m | | | | Mi, 28. Feb |
| Do, 29. Feb | | 19:56–23:35 | 3h 38m | AN ₊ bis M ₇ | | 23:35 | 08:51 | 05:27 | 35m | 06:02 | 34m | 06:37 | 32m | 07:10 | 11h 03m | 18:13 | 32m | 18:46 | 34m | 19:20 | 35m | 19:56 | 12h 54m | 9h 28m | | | | Do, 29. Feb |
| Fr, 1. Mrz | | 19:58–00:46* | 4h 48m | AN ₊ bis M ₇ | | —:— | 09:09 | 05:25 | 35m | 06:00 | 34m | 06:35 | 32m | 07:08 | 11h 06m | 18:14 | 32m | 18:47 | 34m | 19:22 | 35m | 19:58 | 12h 51m | 9h 25m | | | | Fr, 1. Mrz |
| Sa, 2. Mrz | | 19:59–02:00* | 6h 00m | AN ₊ bis M ₇ | | 00:46 | 09:33 | 05:23 | 35m | 05:59 | 34m | 06:33 | 32m | 07:06 | 11h 09m | 18:16 | 32m | 18:49 | 34m | 19:23 | 35m | 19:59 | 12h 48m | 9h 21m | | | | Sa, 2. Mrz |
| So, 3. Mrz | | 20:01–03:11* | 7h 10m | AN ₊ bis M ₇ | ● | 02:00 | 10:04 | 05:21 | 35m | 05:57 | 34m | 06:31 | 32m | 07:04 | 11h 13m | 18:17 | 32m | 18:50 | 34m | 19:25 | 35m | 20:01 | 12h 44m | 9h 18m | | | | So, 3. Mrz |
| Mo, 4. Mrz | | 20:02–04:16* | 8h 13m | AN ₊ bis M ₇ | | 03:11 | 10:46 | 05:19 | 35m | 05:55 | 34m | 06:30 | 32m | 07:02 | 11h 16m | 18:19 | 32m | 18:51 | 34m | 19:26 | 35m | 20:02 | 12h 41m | 9h 14m | | | | Mo, 4. Mrz |
| Di, 5. Mrz | | 20:04–05:09* | 9h 05m | AN ₊ bis M ₇ | | 04:16 | 11:44 | 05:17 | 35m | 05:53 | 34m | 06:28 | 32m | 07:00 | 11h 20m | 18:20 | 32m | 18:53 | 34m | 19:28 | 35m | 20:04 | 12h 37m | 9h 11m | | | | Di, 5. Mrz |
| Mi, 6. Mrz | | 20:05–05:13* | 9h 07m | AN ₊ bis AN ₋ | | 05:09 | 12:57 | 05:15 | 35m | 05:51 | 34m | 06:26 | 32m | 06:58 | 11h 23m | 18:22 | 32m | 18:54 | 34m | 19:29 | 35m | 20:05 | 12h 34m | 9h 07m | | | | Mi, 6. Mrz |
| Do, 7. Mrz | | 20:07–05:11* | 9h 04m | AN ₊ bis AN ₋ | | 05:50 | 14:21 | 05:13 | 35m | 05:49 | 34m | 06:24 | 32m | 06:56 | 11h 26m | 18:23 | 32m | 18:56 | 34m | 19:31 | 36m | 20:07 | 12h 31m | 9h 04m | | | | Do, 7. Mrz |
| Fr, 8. Mrz | | 20:08–05:09* | 9h 00m | AN ₊ bis AN ₋ | | 06:22 | 15:49 | 05:11 | 35m | 05:47 | 34m | 06:22 | 32m | 06:54 | 11h 30m | 18:25 | 32m | 18:57 | 34m | 19:32 | 36m | 20:08 | 12h 27m | 9h 00m | | | | Fr, 8. Mrz |
| Sa, 9. Mrz | | 20:10–05:07* | 8h 57m | AN ₊ bis AN ₋ | | 06:46 | 17:18 | 05:09 | 36m | 05:45 | 34m | 06:20 | 32m | 06:52 | 11h 33m | 18:26 | 32m | 18:59 | 34m | 19:34 | 36m | 20:10 | 12h 24m | 8h 57m | | | | Sa, 9. Mrz |
| So, 10. Mrz | | 20:11–05:05* | 8h 53m | AN ₊ bis AN ₋ | ● | 07:07 | 18:45 | 05:07 | 36m | 05:43 | 34m | 06:18 | 32m | 06:50 | 11h 37m | 18:28 | 32m | 19:00 | 34m | 19:35 | 36m | 20:11 | 12h 20m | 8h 53m | | | | So, 10. Mrz |
| Mo, 11. Mrz | | 20:13–05:03* | 8h 50m | AN ₊ bis AN ₋ | | 07:25 | 20:11 | 05:05 | 36m | 05:41 | 34m | 06:16 | 32m | 06:48 | 11h 40m | 18:29 | 32m | 19:02 | 34m | 19:37 | 36m | 20:13 | 12h 17m | 8h 50m | | | | Mo, 11. Mrz |
| Di, 12. Mrz | | 21:37–05:01* | 7h 23m | M _\ bis AN ₋ | | 07:43 | 21:37 | 05:03 | 36m | 05:39 | 34m | 06:14 | 32m | 06:46 | 11h 44m | 18:31 | 32m | 19:03 | 35m | 19:38 | 36m | 20:14 | 12h 13m | 8h 46m | | | | Di, 12. Mrz |
| Mi, 13. Mrz | | 23:02–04:59* | 5h 56m | M _\ bis AN ₋ | | 08:03 | 23:02 | 05:01 | 36m | 05:37 | 34m | 06:12 | 32m | 06:45 | 11h 47m | 18:32 | 32m | 19:04 | 35m | 19:40 | 36m | 20:16 | 12h 10m | 8h 42m | | | | Mi, 13. Mrz |
| Do, 14. Mrz | | 00:25*–04:57* | 4h 31m | M _\ bis AN ₋ | | 08:27 | —:— | 04:59 | 36m | 05:35 | 34m | 06:10 | 32m | 06:43 | 11h 50m | 18:33 | 32m | 19:06 | 35m | 19:41 | 36m | 20:18 | 12h 07m | 8h 38m | | | | Do, 14. Mrz |
| Fr, 15. Mrz | | 01:43*–04:54* | 3h 11m | M _\ bis AN ₋ | | 08:56 | 00:25 | 04:57 | 36m | 05:33 | 35m | 06:08 | 32m | 06:41 | 11h 54m | 18:35 | 32m | 19:07 | 35m | 19:43 | 36m | 20:19 | 12h 03m | 8h 35m | | | | Fr, 15. Mrz |
| Sa, 16. Mrz | | 02:52*–04:52* | 2h 00m | M _\ bis AN ₋ | | 09:34 | 01:43 | 04:54 | 36m | 05:31 | 35m | 06:06 | 32m | 06:39 | 11h 57m | 18:36 | 32m | 19:09 | 35m | 19:44 | 36m | 20:21 | 12h 00m | 8h 31m | | | | Sa, 16. Mrz |
| So, 17. Mrz | | 03:48*–04:50* | 1h 02m | M _\ bis AN ₋ | ◐ | 10:22 | 02:52 | 04:52 | 36m | 05:29 | 35m | 06:04 | 32m | 06:37 | 12h 01m | 18:38 | 32m | 19:10 | 35m | 19:46 | 36m | 20:22 | 11h 56m | 8h 27m | | | | So, 17. Mrz |
| Mo, 18. Mrz | | 04:31*–04:48* | 16m | M _\ bis AN ₋ | | 11:20 | 03:48 | 04:50 | 36m | 05:27 | 35m | 06:02 | 32m | 06:35 | 12h 04m | 18:39 | 32m | 19:12 | 35m | 19:47 | 37m | 20:24 | 11h 53m | 8h 23m | | | | Mo, 18. Mrz |
| Di, 19. Mrz | | —:~:~:~:~ | — | Mond stört | | 12:26 | 04:31 | 04:48 | 36m | 05:25 | 35m | 06:00 | 32m | 06:32 | 12h 08m | 18:41 | 32m | 19:13 | 35m | 19:49 | 37m | 20:26 | 11h 49m | 8h 19m | | | | Di, 19. Mrz |
| Mi, 20. Mrz | | —:~:~:~:~ | — | Mond stört | | 13:36 | 05:03 | 04:46 | 37m | 05:23 | 35m | 05:58 | 32m | 06:30 | 12h 11m | 18:42 | 32m | 19:15 | 35m | 19:50 | 37m | 20:27 | 11h 46m | 8h 15m | | | | Mi, 20. Mrz |
| Do, 21. Mrz | | —:~:~:~:~ | — | Mond stört | | 14:45 | 05:27 | 04:43 | 37m | 05:21 | 35m | 05:56 | 32m | 06:28 | 12h 14m | 18:43 | 32m | 19:16 | 35m | 19:52 | 37m | 20:29 | 11h 43m | 8h 12m | | | | Do, 21. Mrz |
| Fr, 22. Mrz | | —:~:~:~:~ | — | Mond stört | | 15:53 | 05:47 | 04:41 | 37m | 05:18 | 35m | 05:54 | 32m | 06:26 | 12h 18m | 18:45 | 32m | 19:18 | 35m | 19:53 | 37m | 20:31 | 11h 39m | 8h 08m | | | | Fr, 22. Mrz |
| Sa, 23. Mrz | | —:~:~:~:~ | — | Mond stört | | 16:59 | 06:02 | 04:39 | 37m | 05:16 | 35m | 05:52 | 32m | 06:24 | 12h 21m | 18:46 | 32m | 19:19 | 35m | 19:55 | 37m | 20:32 | 11h 36m | 8h 04m | | | | Sa, 23. Mrz |
| So, 24. Mrz | | —:~:~:~:~ | — | Mond stört | | 18:05 | 06:17 | 04:37 | 37m | 05:14 | 35m | 05:50 | 32m | 06:22 | 12h 25m | 18:48 | 32m | 19:20 | 35m | 19:56 | 37m | 20:34 | 11h 32m | 8h 00m | | | | So, 24. Mrz |
| Mo, 25. Mrz | | —:~:~:~:~ | — | Mond stört | ○ | 19:10 | 06:30 | 04:34 | 37m | 05:12 | 35m | 05:48 | 32m | 06:20 | 12h 28m | 18:49 | 32m | 19:22 | 35m | 19:58 | 38m | 20:36 | 11h 29m | 7h 56m | | | | Mo, 25. Mrz |
| Di, 26. Mrz | | —:~:~:~:~ | — | Mond stört | | 20:17 | 06:43 | 04:32 | 37m | 05:10 | 35m | 05:46 | 32m | 06:18 | 12h 32m | 18:51 | 32m | 19:23 | 35m | 19:59 | 38m | 20:37 | 11h 25m | 7h 52m | | | | Di, 26. Mrz |
| Mi, 27. Mrz | | 20:39–21:25 | 46m | AN ₊ bis M ₇ | | 21:25 | 06:58 | 04:30 | 38m | 05:08 | 35m | 05:44 | 32m | 06:16 | 12h 35m | 18:52 | 32m | 19:25 | 36m | 20:01 | 38m | 20:39 | 11h 22m | 7h 48m | | | | Mi, 27. Mrz |
| Do, 28. Mrz | | 20:41–22:36 | 1h 55m | AN ₊ bis M ₇ | | 22:36 | 07:15 | 04:27 | 38m | 05:06 | 36m | 05:42 | 32m | 06:14 | 12h 38m | 18:53 | 32m | 19:26 | 36m | 20:02 | 38m | 20:41 | 11h 19m | 7h 43m | | | | Do, 28. Mrz |
| Fr, 29. Mrz | | 20:43–23:49 | 3h 06m | AN ₊ bis M ₇ | | 23:49 | 07:37 | 04:25 | 38m | 05:03 | 36m | 05:40 | 32m | 06:12 | 12h 42m | 18:55 | 32m | 19:28 | 36m | 20:04 | 38m | 20:43 | 11h 15m | 7h 39m | | | | Fr, 29. Mrz |
| Sa, 30. Mrz | | 20:44–01:01* | 4h 16m | AN ₊ bis M ₇ | | —:— | 08:05 | 04:23 | 38m | 05:01 | 36m | 05:37 | 32m | 06:10 | 12h 45m | 18:56 | 33m | 19:29 | 36m | 20:06 | 38m | 20:44 | 11h 12m | 7h 35m | | | | Sa, 30. Mrz |
| So, 31. Mrz | MESZ | 21:46–03:07* | 5h 20m | AN ₊ bis M ₇ | | 02:01 | 09:42 | 05:20 | 38m | 05:59 | 36m | 06:35 | 32m | 07:08 | 12h 49m | 19:58 | 33m | 20:31 | 36m | 21:07 | 39m | 21:46 | 11h 08m | 7h 31m | | | | So, 31. Mrz |
| Mo, 1. Apr | MESZ | 21:48–04:03* | 6h 14m | AN ₊ bis M ₇ | | 03:07 | 10:33 | 05:18 | 39m | 05:57 | 36m | 06:33 | 33m | 07:06 | 12h 52m | 19:59 | 33m | 20:32 | 36m | 21:09 | 39m | 21:48 | 11h 05m | 7h 27m | | | | Mo, 1. Apr |
| Di, 2. Apr | MESZ | 21:50–04:47* | 6h 57m | AN ₊ bis M ₇ | ◑ | 04:03 | 11:38 | 05:15 | 39m | 05:55 | 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 |
|-------------|---------------|----------------------------|------------|-------------------------------------|------|------------|------------|----------------------------|------------|-------|------------|-------|------------|------------|------------|-------------------------|------------|-------|------------|-------|------------|----------|----------------------------|------------|----|------------|----|-------------|
| 2024 | Zeit- zone | Astr. dunkel und kein Mond | | | Mond | | | Beginn der Morgendämmerung | | | | | Sonne | | | Ende der Abenddämmerung | | | | | Nacht | Astr. N. | Naut. dunkel und kein Mond | | | 2024 | | |
| | | | Δt | | Ph. | \nearrow | \searrow | Astr. | Δt | Naut. | Δt | Bürg. | Δt | \nearrow | Δt | \searrow | Δt | Bürg. | Δt | Naut. | Δt | Astr. | Δt | Δt | | Δt | | |
| Mi, 10. Apr | MESZ | 22:56–04:53* | 5h 57m | M _\ bis AN _\ | | 07:26 | 22:56 | 04:56 | 41m | 05:37 | 37m | 06:15 | 33m | 06:49 | 13h 22m | 20:12 | 33m | 20:45 | 37m | 21:23 | 41m | 22:05 | 10h 35m | 6h 48m | | | | Mi, 10. Apr |
| Do, 11. Apr | MESZ | 00:19*–04:51* | 4h 31m | M _\ bis AN _\ | | 07:53 | —:— | 04:53 | 41m | 05:35 | 37m | 06:13 | 33m | 06:47 | 13h 26m | 20:13 | 33m | 20:47 | 38m | 21:25 | 41m | 22:07 | 10h 31m | 6h 43m | | | | Do, 11. Apr |
| Fr, 12. Apr | MESZ | 01:36*–04:48* | 3h 12m | M _\ bis AN _\ | | 08:27 | 00:19 | 04:51 | 41m | 05:33 | 38m | 06:11 | 33m | 06:45 | 13h 29m | 20:14 | 34m | 20:48 | 38m | 21:27 | 42m | 22:09 | 10h 28m | 6h 39m | | | | Fr, 12. Apr |
| Sa, 13. Apr | MESZ | 02:39*–04:46* | 2h 06m | M _\ bis AN _\ | | 09:12 | 01:36 | 04:48 | 42m | 05:31 | 38m | 06:09 | 34m | 06:43 | 13h 32m | 20:16 | 34m | 20:50 | 38m | 21:28 | 42m | 22:11 | 10h 25m | 6h 34m | | | | Sa, 13. Apr |
| So, 14. Apr | MESZ | 03:29*–04:43* | 1h 14m | M _\ bis AN _\ | | 10:08 | 02:39 | 04:46 | 42m | 05:28 | 38m | 06:07 | 34m | 06:41 | 13h 36m | 20:17 | 34m | 20:52 | 38m | 21:30 | 42m | 22:13 | 10h 21m | 6h 30m | | | | So, 14. Apr |
| Mo, 15. Apr | MESZ | 04:05*–04:41* | 35m | M _\ bis AN _\ | ☾ | 11:13 | 03:29 | 04:43 | 42m | 05:26 | 38m | 06:05 | 34m | 06:39 | 13h 39m | 20:19 | 34m | 20:53 | 38m | 21:32 | 43m | 22:15 | 10h 18m | 6h 25m | | | | Mo, 15. Apr |
| Di, 16. Apr | MESZ | 04:32*–04:38* | 6m | M _\ bis AN _\ | | 12:23 | 04:05 | 04:41 | 43m | 05:24 | 38m | 06:03 | 34m | 06:37 | 13h 42m | 20:20 | 34m | 20:55 | 39m | 21:34 | 43m | 22:17 | 10h 15m | 6h 21m | | | | Di, 16. Apr |
| Mi, 17. Apr | MESZ | —:—:—:— | – | Mond stört | | 13:33 | 04:32 | 04:38 | 43m | 05:22 | 39m | 06:01 | 34m | 06:35 | 13h 45m | 20:21 | 34m | 20:56 | 39m | 21:35 | 43m | 22:19 | 10h 12m | 6h 16m | | | | Mi, 17. Apr |
| Do, 18. Apr | MESZ | —:—:—:— | – | Mond stört | | 14:42 | 04:53 | 04:36 | 43m | 05:20 | 39m | 05:59 | 34m | 06:34 | 13h 49m | 20:23 | 34m | 20:58 | 39m | 21:37 | 44m | 22:21 | 10h 08m | 6h 11m | | | | Do, 18. Apr |
| Fr, 19. Apr | MESZ | —:—:—:— | – | Mond stört | | 15:49 | 05:10 | 04:33 | 44m | 05:18 | 39m | 05:57 | 34m | 06:32 | 13h 52m | 20:24 | 34m | 20:59 | 39m | 21:39 | 44m | 22:23 | 10h 05m | 6h 07m | | | | Fr, 19. Apr |
| Sa, 20. Apr | MESZ | —:—:~:~ | – | Mond stört | | 16:55 | 05:24 | 04:31 | 44m | 05:15 | 39m | 05:55 | 34m | 06:30 | 13h 55m | 20:26 | 35m | 21:01 | 39m | 21:41 | 45m | 22:26 | 10h 02m | 6h 02m | | | | Sa, 20. Apr |
| So, 21. Apr | MESZ | —:~:~:~ | – | Mond stört | | 18:00 | 05:38 | 04:28 | 45m | 05:13 | 39m | 05:53 | 35m | 06:28 | 13h 58m | 20:27 | 35m | 21:02 | 40m | 21:42 | 45m | 22:28 | 9h 59m | 5h 57m | | | | So, 21. Apr |
| Mo, 22. Apr | MESZ | —:~:~:~ | – | Mond stört | | 19:06 | 05:51 | 04:26 | 45m | 05:11 | 40m | 05:51 | 35m | 06:26 | 14h 02m | 20:28 | 35m | 21:04 | 40m | 21:44 | 45m | 22:30 | 9h 56m | 5h 53m | | | | Mo, 22. Apr |
| Di, 23. Apr | MESZ | —:~:~:~ | – | Mond stört | | 20:15 | 06:05 | 04:23 | 45m | 05:09 | 40m | 05:49 | 35m | 06:25 | 14h 05m | 20:30 | 35m | 21:05 | 40m | 21:46 | 46m | 22:32 | 9h 53m | 5h 48m | | | | Di, 23. Apr |
| Mi, 24. Apr | MESZ | —:~:~:~ | – | Mond stört | ☾ | 21:25 | 06:22 | 04:21 | 46m | 05:07 | 40m | 05:47 | 35m | 06:23 | 14h 08m | 20:31 | 35m | 21:07 | 40m | 21:48 | 46m | 22:34 | 9h 49m | 5h 43m | | | | Mi, 24. Apr |
| Do, 25. Apr | MESZ | 22:37–22:38 | 1m | AN ₊ bis M ₇ | | 22:38 | 06:42 | 04:18 | 46m | 05:05 | 40m | 05:46 | 35m | 06:21 | 14h 11m | 20:33 | 35m | 21:08 | 41m | 21:49 | 47m | 22:37 | 9h 46m | 5h 38m | | | | Do, 25. Apr |
| Fr, 26. Apr | MESZ | 22:39–23:51 | 1h 12m | AN ₊ bis M ₇ | | 23:51 | 07:08 | 04:15 | 47m | 05:03 | 41m | 05:44 | 35m | 06:19 | 14h 14m | 20:34 | 35m | 21:10 | 41m | 21:51 | 47m | 22:39 | 9h 43m | 5h 33m | | | | Fr, 26. Apr |
| Sa, 27. Apr | MESZ | 22:41–01:00* | 2h 18m | AN ₊ bis M ₇ | | —:— | 07:42 | 04:13 | 47m | 05:01 | 41m | 05:42 | 35m | 06:18 | 14h 17m | 20:35 | 36m | 21:11 | 41m | 21:53 | 48m | 22:41 | 9h 40m | 5h 29m | | | | Sa, 27. Apr |
| So, 28. Apr | MESZ | 22:43–01:59* | 3h 15m | AN ₊ bis M ₇ | | 01:00 | 08:29 | 04:10 | 48m | 04:58 | 41m | 05:40 | 36m | 06:16 | 14h 20m | 20:37 | 36m | 21:13 | 41m | 21:55 | 48m | 22:43 | 9h 37m | 5h 24m | | | | So, 28. Apr |
| Mo, 29. Apr | MESZ | 22:46–02:46* | 4h 00m | AN ₊ bis M ₇ | | 01:59 | 09:30 | 04:08 | 48m | 04:56 | 41m | 05:38 | 36m | 06:14 | 14h 23m | 20:38 | 36m | 21:14 | 42m | 21:57 | 49m | 22:46 | 9h 34m | 5h 19m | | | | Mo, 29. Apr |
| Di, 30. Apr | MESZ | 22:48–03:22* | 4h 34m | AN ₊ bis M ₇ | | 02:46 | 10:42 | 04:05 | 49m | 04:54 | 42m | 05:36 | 36m | 06:13 | 14h 26m | 20:39 | 36m | 21:16 | 42m | 21:58 | 49m | 22:48 | 9h 31m | 5h 14m | | | | Di, 30. Apr |
| Mi, 1. Mai | MESZ | 22:51–03:50* | 4h 59m | AN ₊ bis M ₇ | ☾ | 03:22 | 12:02 | 04:03 | 49m | 04:52 | 42m | 05:35 | 36m | 06:11 | 14h 29m | 20:41 | 36m | 21:18 | 42m | 22:00 | 50m | 22:51 | 9h 28m | 5h 09m | | | | Mi, 1. Mai |
| Do, 2. Mai | MESZ | 22:53–03:57* | 5h 04m | AN ₊ bis AN _\ | | 03:50 | 13:25 | 04:00 | 50m | 04:50 | 42m | 05:33 | 36m | 06:10 | 14h 32m | 20:42 | 36m | 21:19 | 42m | 22:02 | 50m | 22:53 | 9h 25m | 5h 04m | | | | Do, 2. Mai |
| Fr, 3. Mai | MESZ | 22:55–03:55* | 4h 59m | AN ₊ bis AN _\ | | 04:12 | 14:48 | 03:57 | 50m | 04:48 | 42m | 05:31 | 36m | 06:08 | 14h 35m | 20:44 | 37m | 21:21 | 43m | 22:04 | 51m | 22:55 | 9h 22m | 4h 59m | | | | Fr, 3. Mai |
| Sa, 4. Mai | MESZ | 22:58–03:52* | 4h 54m | AN ₊ bis AN _\ | | 04:31 | 16:11 | 03:55 | 51m | 04:46 | 43m | 05:29 | 36m | 06:06 | 14h 38m | 20:45 | 37m | 21:22 | 43m | 22:06 | 52m | 22:58 | 9h 19m | 4h 54m | | | | Sa, 4. Mai |
| So, 5. Mai | MESZ | 23:00–03:50* | 4h 49m | AN ₊ bis AN _\ | | 04:48 | 17:33 | 03:52 | 52m | 04:44 | 43m | 05:28 | 37m | 06:05 | 14h 41m | 20:46 | 37m | 21:24 | 43m | 22:07 | 52m | 23:00 | 9h 17m | 4h 49m | | | | So, 5. Mai |
| Mo, 6. Mai | MESZ | 23:03–03:47* | 4h 44m | AN ₊ bis AN _\ | | 05:06 | 18:58 | 03:50 | 52m | 04:42 | 43m | 05:26 | 37m | 06:03 | 14h 44m | 20:48 | 37m | 21:25 | 44m | 22:09 | 53m | 23:03 | 9h 14m | 4h 44m | | | | Mo, 6. Mai |
| Di, 7. Mai | MESZ | 23:05–03:44* | 4h 39m | AN ₊ bis AN _\ | | 05:26 | 20:23 | 03:47 | 53m | 04:40 | 44m | 05:24 | 37m | 06:02 | 14h 47m | 20:49 | 37m | 21:27 | 44m | 22:11 | 53m | 23:05 | 9h 11m | 4h 39m | | | | Di, 7. Mai |
| Mi, 8. Mai | MESZ | 23:08–03:42* | 4h 34m | AN ₊ bis AN _\ | ☾ | 05:50 | 21:49 | 03:44 | 53m | 04:38 | 44m | 05:23 | 37m | 06:00 | 14h 49m | 20:50 | 37m | 21:28 | 44m | 22:13 | 54m | 23:08 | 9h 08m | 4h 34m | | | | Mi, 8. Mai |
| Do, 9. Mai | MESZ | 23:11–03:39* | 4h 28m | M _\ bis AN _\ | | 06:21 | 23:11 | 03:42 | 54m | 04:36 | 44m | 05:21 | 37m | 05:59 | 14h 52m | 20:52 | 38m | 21:30 | 45m | 22:15 | 55m | 23:10 | 9h 06m | 4h 29m | | | | Do, 9. Mai |
| Fr, 10. Mai | MESZ | 00:22*–03:37* | 3h 14m | M _\ bis AN _\ | | 07:01 | —:— | 03:39 | 55m | 04:35 | 45m | 05:20 | 38m | 05:58 | 14h 55m | 20:53 | 38m | 21:31 | 45m | 22:17 | 56m | 23:13 | 9h 03m | 4h 24m | | | | Fr, 10. Mai |
| Sa, 11. Mai | MESZ | 01:20*–03:34* | 2h 14m | M _\ bis AN _\ | | 07:53 | 00:22 | 03:37 | 56m | 04:33 | 45m | 05:18 | 38m | 05:56 | 14h 57m | 20:54 | 38m | 21:33 | 45m | 22:18 | 56m | 23:15 | 9h 00m | 4h 19m | | | | Sa, 11. Mai |
| So, 12. Mai | MESZ | 02:02*–03:32* | 1h 29m | M _\ bis AN _\ | | 08:57 | 01:20 | 03:34 | 56m | 04:31 | 45m | 05:17 | 38m | 05:55 | 15h 00m | 20:56 | 38m | 21:34 | 46m | 22:20 | 57m | 23:18 | 8h 58m | 4h 13m | | | | So, 12. Mai |
| Mo, 13. Mai | MESZ | 02:33*–03:29* | 55m | M _\ bis AN _\ | | 10:07 | 02:02 | 03:32 | 57m | 04:29 | 46m | 05:15 | 38m | 05:54 | 15h 03m | 20:57 | 38m | 21:36 | 46m | 22:22 | 58m | 23:20 | 8h 55m | 4h 08m | | | | Mo, 13. Mai |
| Di, 14. Mai | MESZ | 02:57*–03:26* | 29m | M _\ bis AN _\ | | 11:18 | 02:33 | 03:29 | 58m | 04:27 | 46m | 05:14 | 38m | 05:52 | 15h 05m | 20:58 | 38m | 21:37 | 46m | 22:24 | 59m | 23:23 | 8h 53m | 4h 03m | | | | Di, 14. Mai |
| Mi, 15. Mai | MESZ | 03:15*–03:24* | 8m | M _\ bis AN _\ | ☾ | 12:29 | 02:57 | 03:26 | 59m | 04:26 | 46m | 05:12 | 38m | 05:51 | 15h 08m | 20:59 | 39m | 21:38 | 47m | 22:26 | 59m | 23:25 | 8h 50m | 3h 58m | | | | Mi, 15. Mai |
| Do, 16. Mai | MESZ | —:~:~:~ | – | Mond stört | | 13:37 | 03:15 | 03:24 | 59m | 04:24 | 47m | 05:11 | 39m | 05:50 | 15h 10m | 21:01 | 39m | 21:40 | 47m | 22:27 | 1h 00m | 23:28 | 8h 48m | 3h 53m | | | | Do, 16. Mai |
| Fr, 17. Mai | MESZ | —:~:~:~ | – | Mond stört | | 14:43 | 03:31 | 03:21 | 1h 00m | 04:22 | 47m | 05:09 | 39m | 05:49 | 15h 13m | 21:02 | 39m | 21:41 | 47m | 22:29 | 1h 01m | 23:31 | 8h 45m | 3h 48m | | | | Fr, 17. Mai |
| Sa, 18. Mai | MESZ | —:~:~:~ | – | Mond stört | | 15:48 | 03:45 | 03:19 | 1h 01m | 04:20 | 47m | 05:08 | 39m | 05:48 | 15h 15m | 21:03 | 39m | 21:43 | 48m | 22:31 | 1h 02m | 23:33 | 8h 43m | 3h 43m | | | | Sa, 18. Mai |
| So, 19. Mai | MESZ | —:~:~:~ | – | Mond stört | | 16:54 | 03:58 | 03:16 | 1h 02m | 04:19 | 48m | 05:07 | 39m | 05:46 | 15h 17m | 21:04 | 39m | 21:44 | 48m | 22:32 | 1h 03m | 23:36 | 8h 41m | 3h 38m | | | | So, 19. Mai |
| Mo, 20. Mai | MESZ | —:~:~:~ | – | Mond stört | | 18:01 | 04:12 | 03:14 | 1h 03m | 04:17 | 48m | 05:06 | 39m | 05:45 | 15h 20m | 21:05 | 39m | 21:45 | 48m | 22:34 | 1h 04m | 23:38 | 8h 38m | 3h 33m | | | | Mo, 20. Mai |
| Di, 21. Mai | MESZ | —:~:~:~ | – | Mond stört | | 19:11 | 04:27 | 03:11 | 1h 04m | 04:16 | 48m | 05:04 | 39m | 05:44 | 15h 22m | 21:07 | 40m | 21:47 | 49m | 22:36 | 1h 05m | 23:41 | 8h 36m | 3h 27m | | | | Di, 21. Mai |
| Mi, 22. Mai | MESZ | —:~:~:~ | – | Mond stört | | 20:24 | 04:46 | 03:09 | 1h 05m | 04:14 | 49m | | | | | | | | | | | | | | | | | |

| 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 |
|-------------|----------|----------------------------|------------|-------------------------------------|------|------------|------------|----------------------------|------------|-------|------------|-------|------------|------------|------------|-------------------------|------------|-------|------------|-------|------------|----------|----------------------------|------------|----|------------|----|-------------|
| 2024 | Zeitzone | Astr. dunkel und kein Mond | | | Mond | | | Beginn der Morgendämmerung | | | | | Sonne | | | Ende der Abenddämmerung | | | | | Nacht | Astr. N. | Naut. dunkel und kein Mond | | | 2024 | | |
| | | | Δt | | Ph. | \nearrow | \searrow | Astr. | Δt | Naut. | Δt | Bürg. | Δt | \nearrow | Δt | \searrow | Δt | Bürg. | Δt | Naut. | Δt | Astr. | Δt | Δt | | Δt | | |
| Do, 30. Mai | MESZ | 00:04* - 02:36* | 2h 32m | AN ₊ bis M _J | ☾ | 02:17 | 12:35 | 02:50 | 1h 13m | 04:04 | 51m | 04:55 | 41m | 05:37 | 15h 39m | 21:16 | 41m | 21:58 | 51m | 22:50 | 1h 14m | 00:04* | 8h 19m | 2h 43m | | | | Do, 30. Mai |
| Fr, 31. Mai | MESZ | 00:07* - 02:46* | 2h 38m | AN ₊ bis AN ₋ | | 02:36 | 13:55 | 02:48 | 1h 14m | 04:02 | 51m | 04:54 | 41m | 05:36 | 15h 41m | 21:17 | 41m | 21:59 | 52m | 22:51 | 1h 15m | 00:07* | 8h 18m | 2h 38m | | | | Fr, 31. Mai |
| Sa, 1. Jun | MESZ | 00:09* - 02:44* | 2h 34m | AN ₊ bis AN ₋ | | 02:54 | 15:15 | 02:46 | 1h 15m | 04:01 | 52m | 04:54 | 41m | 05:35 | 15h 42m | 21:18 | 41m | 22:00 | 52m | 22:52 | 1h 16m | 00:09* | 8h 16m | 2h 34m | | | | Sa, 1. Jun |
| So, 2. Jun | MESZ | 00:12* - 02:41* | 2h 29m | AN ₊ bis AN ₋ | | 03:11 | 16:36 | 02:44 | 1h 16m | 04:00 | 52m | 04:53 | 41m | 05:35 | 15h 44m | 21:19 | 41m | 22:01 | 52m | 22:54 | 1h 17m | 00:12* | 8h 15m | 2h 29m | | | | So, 2. Jun |
| Mo, 3. Jun | MESZ | 00:14* - 02:39* | 2h 25m | AN ₊ bis AN ₋ | | 03:29 | 17:59 | 02:41 | 1h 17m | 03:59 | 52m | 04:52 | 41m | 05:34 | 15h 45m | 21:20 | 42m | 22:02 | 53m | 22:55 | 1h 19m | 00:14* | 8h 13m | 2h 25m | | | | Mo, 3. Jun |
| Di, 4. Jun | MESZ | 00:16* - 02:37* | 2h 21m | AN ₊ bis AN ₋ | | 03:51 | 19:23 | 02:39 | 1h 19m | 03:58 | 53m | 04:51 | 42m | 05:34 | 15h 47m | 21:21 | 42m | 22:03 | 53m | 22:56 | 1h 20m | 00:16* | 8h 12m | 2h 21m | | | | Di, 4. Jun |
| Mi, 5. Jun | MESZ | 00:19* - 02:36* | 2h 16m | AN ₊ bis AN ₋ | | 04:18 | 20:46 | 02:37 | 1h 20m | 03:58 | 53m | 04:51 | 42m | 05:33 | 15h 48m | 21:21 | 42m | 22:04 | 53m | 22:57 | 1h 21m | 00:19* | 8h 11m | 2h 16m | | | | Mi, 5. Jun |
| Do, 6. Jun | MESZ | 00:21* - 02:34* | 2h 12m | AN ₊ bis AN ₋ | ☉ | 04:53 | 22:02 | 02:36 | 1h 21m | 03:57 | 53m | 04:50 | 42m | 05:33 | 15h 49m | 21:22 | 42m | 22:05 | 53m | 22:58 | 1h 22m | 00:21* | 8h 10m | 2h 12m | | | | Do, 6. Jun |
| Fr, 7. Jun | MESZ | 00:23* - 02:32* | 2h 09m | AN ₊ bis AN ₋ | | 05:40 | 23:06 | 02:34 | 1h 22m | 03:56 | 53m | 04:50 | 42m | 05:32 | 15h 50m | 21:23 | 42m | 22:06 | 53m | 23:00 | 1h 23m | 00:23* | 8h 09m | 2h 09m | | | | Fr, 7. Jun |
| Sa, 8. Jun | MESZ | 00:25* - 02:30* | 2h 05m | AN ₊ bis AN ₋ | | 06:39 | 23:55 | 02:32 | 1h 23m | 03:55 | 53m | 04:49 | 42m | 05:32 | 15h 51m | 21:24 | 42m | 22:06 | 54m | 23:01 | 1h 24m | 00:25* | 8h 08m | 2h 05m | | | | Sa, 8. Jun |
| So, 9. Jun | MESZ | 00:32* - 02:29* | 1h 57m | M _\ bis AN ₋ | | 07:47 | —:— | 02:30 | 1h 24m | 03:55 | 54m | 04:49 | 42m | 05:32 | 15h 52m | 21:24 | 42m | 22:07 | 54m | 23:01 | 1h 25m | 00:27* | 8h 07m | 2h 01m | | | | So, 9. Jun |
| Mo, 10. Jun | MESZ | 00:59* - 02:27* | 1h 28m | M _\ bis AN ₋ | | 09:00 | 00:32 | 02:29 | 1h 25m | 03:54 | 54m | 04:49 | 42m | 05:31 | 15h 53m | 21:25 | 42m | 22:08 | 54m | 23:02 | 1h 26m | 00:29* | 8h 06m | 1h 58m | | | | Mo, 10. Jun |
| Di, 11. Jun | MESZ | 01:19* - 02:26* | 1h 07m | M _\ bis AN ₋ | | 10:12 | 00:59 | 02:27 | 1h 26m | 03:54 | 54m | 04:48 | 42m | 05:31 | 15h 54m | 21:26 | 42m | 22:08 | 54m | 23:03 | 1h 27m | 00:31* | 8h 05m | 1h 55m | | | | Di, 11. Jun |
| Mi, 12. Jun | MESZ | 01:36* - 02:25* | 49m | M _\ bis AN ₋ | | 11:22 | 01:19 | 02:26 | 1h 27m | 03:53 | 54m | 04:48 | 42m | 05:31 | 15h 55m | 21:26 | 42m | 22:09 | 54m | 23:04 | 1h 28m | 00:32* | 8h 04m | 1h 52m | | | | Mi, 12. Jun |
| Do, 13. Jun | MESZ | 01:50* - 02:24* | 33m | M _\ bis AN ₋ | | 12:29 | 01:36 | 02:25 | 1h 28m | 03:53 | 54m | 04:48 | 42m | 05:31 | 15h 55m | 21:27 | 43m | 22:10 | 55m | 23:05 | 1h 28m | 00:34* | 8h 04m | 1h 50m | | | | Do, 13. Jun |
| Fr, 14. Jun | MESZ | 02:04* - 02:23* | 19m | M _\ bis AN ₋ | ☾ | 13:35 | 01:50 | 02:24 | 1h 28m | 03:53 | 55m | 04:48 | 43m | 05:31 | 15h 56m | 21:27 | 43m | 22:10 | 55m | 23:05 | 1h 29m | 00:35* | 8h 03m | 1h 47m | | | | Fr, 14. Jun |
| Sa, 15. Jun | MESZ | 02:17* - 02:22* | 4m | M _\ bis AN ₋ | | 14:40 | 02:04 | 02:23 | 1h 29m | 03:53 | 55m | 04:48 | 43m | 05:31 | 15h 56m | 21:28 | 43m | 22:11 | 55m | 23:06 | 1h 30m | 00:36* | 8h 03m | 1h 45m | | | | Sa, 15. Jun |
| So, 16. Jun | MESZ | —:—:—:— | — | Mond stört | | 15:46 | 02:17 | 02:22 | 1h 30m | 03:52 | 55m | 04:48 | 43m | 05:31 | 15h 57m | 21:28 | 43m | 22:11 | 55m | 23:06 | 1h 30m | 00:37* | 8h 02m | 1h 44m | | | | So, 16. Jun |
| Mo, 17. Jun | MESZ | —:—:—:— | — | Mond stört | | 16:55 | 02:32 | 02:22 | 1h 30m | 03:52 | 55m | 04:48 | 43m | 05:31 | 15h 57m | 21:28 | 43m | 22:12 | 55m | 23:07 | 1h 31m | 00:38* | 8h 02m | 1h 43m | | | | Mo, 17. Jun |
| Di, 18. Jun | MESZ | —:—:—:— | — | Mond stört | | 18:06 | 02:49 | 02:21 | 1h 31m | 03:52 | 55m | 04:48 | 43m | 05:31 | 15h 57m | 21:29 | 43m | 22:12 | 55m | 23:07 | 1h 31m | 00:39* | 8h 02m | 1h 42m | | | | Di, 18. Jun |
| Mi, 19. Jun | MESZ | —:—:~:~:~ | — | Mond stört | | 19:20 | 03:11 | 02:21 | 1h 31m | 03:52 | 55m | 04:48 | 43m | 05:31 | 15h 57m | 21:29 | 43m | 22:12 | 55m | 23:08 | 1h 31m | 00:39* | 8h 02m | 1h 41m | | | | Mi, 19. Jun |
| Do, 20. Jun | MESZ | —:~:~:~:~ | — | Mond stört | | 20:34 | 03:40 | 02:21 | 1h 31m | 03:53 | 55m | 04:48 | 43m | 05:31 | 15h 57m | 21:29 | 43m | 22:12 | 55m | 23:08 | 1h 31m | 00:40* | 8h 02m | 1h 41m | | | | Do, 20. Jun |
| Fr, 21. Jun | MESZ | —:~:~:~:~ | — | Mond stört | | 21:42 | 04:19 | 02:21 | 1h 31m | 03:53 | 55m | 04:48 | 43m | 05:31 | 15h 57m | 21:29 | 43m | 22:13 | 55m | 23:08 | 1h 31m | 00:40* | 8h 02m | 1h 41m | | | | Fr, 21. Jun |
| Sa, 22. Jun | MESZ | —:~:~:~:~ | — | Mond stört | ☉ | 22:39 | 05:11 | 02:21 | 1h 31m | 03:53 | 55m | 04:48 | 43m | 05:32 | 15h 57m | 21:30 | 43m | 22:13 | 55m | 23:08 | 1h 31m | 00:40* | 8h 02m | 1h 42m | | | | Sa, 22. Jun |
| So, 23. Jun | MESZ | —:~:~:~:~ | — | Mond stört | | 23:23 | 06:19 | 02:22 | 1h 31m | 03:53 | 55m | 04:49 | 43m | 05:32 | 15h 57m | 21:30 | 43m | 22:13 | 55m | 23:08 | 1h 31m | 00:39* | 8h 02m | 1h 43m | | | | So, 23. Jun |
| Mo, 24. Jun | MESZ | —:~:~:~:~ | — | Mond stört | | 23:56 | 07:37 | 02:23 | 1h 31m | 03:54 | 55m | 04:49 | 43m | 05:32 | 15h 57m | 21:30 | 43m | 22:13 | 55m | 23:08 | 1h 30m | 00:39* | 8h 02m | 1h 44m | | | | Mo, 24. Jun |
| Di, 25. Jun | MESZ | —:~:~:~:~ | — | Mond stört | | —:— | 09:00 | 02:24 | 1h 30m | 03:54 | 55m | 04:50 | 43m | 05:33 | 15h 57m | 21:30 | 43m | 22:13 | 55m | 23:08 | 1h 30m | 00:38* | 8h 03m | 1h 46m | | | | Di, 25. Jun |
| Mi, 26. Jun | MESZ | 00:37* - 00:42* | 4m | AN ₊ bis M _J | | 00:22 | 10:23 | 02:25 | 1h 30m | 03:55 | 55m | 04:50 | 43m | 05:33 | 15h 56m | 21:30 | 43m | 22:13 | 55m | 23:08 | 1h 29m | 00:37* | 8h 03m | 1h 48m | | | | Mi, 26. Jun |
| Do, 27. Jun | MESZ | 00:36* - 01:00* | 23m | AN ₊ bis M _J | | 00:42 | 11:45 | 02:26 | 1h 29m | 03:55 | 55m | 04:50 | 43m | 05:34 | 15h 56m | 21:30 | 43m | 22:13 | 54m | 23:08 | 1h 28m | 00:36* | 8h 04m | 1h 50m | | | | Do, 27. Jun |
| Fr, 28. Jun | MESZ | 00:35* - 01:17* | 41m | AN ₊ bis M _J | ☾ | 01:00 | 13:05 | 02:27 | 1h 28m | 03:56 | 54m | 04:51 | 43m | 05:34 | 15h 55m | 21:30 | 42m | 22:13 | 54m | 23:07 | 1h 28m | 00:35* | 8h 04m | 1h 53m | | | | Fr, 28. Jun |
| Sa, 29. Jun | MESZ | 00:34* - 01:34* | 1h 00m | AN ₊ bis M _J | | 01:17 | 14:24 | 02:29 | 1h 28m | 03:57 | 54m | 04:52 | 42m | 05:35 | 15h 54m | 21:29 | 42m | 22:12 | 54m | 23:07 | 1h 27m | 00:34* | 8h 05m | 1h 56m | | | | Sa, 29. Jun |
| So, 30. Jun | MESZ | 00:33* - 01:54* | 1h 21m | AN ₊ bis M _J | | 01:34 | 15:45 | 02:30 | 1h 27m | 03:57 | 54m | 04:52 | 42m | 05:35 | 15h 54m | 21:29 | 42m | 22:12 | 54m | 23:07 | 1h 26m | 00:33* | 8h 06m | 1h 59m | | | | So, 30. Jun |
| Mo, 1. Jul | MESZ | 00:31* - 02:19* | 1h 47m | AN ₊ bis M _J | | 01:54 | 17:06 | 02:32 | 1h 26m | 03:58 | 54m | 04:53 | 42m | 05:36 | 15h 53m | 21:29 | 42m | 22:12 | 54m | 23:06 | 1h 25m | 00:31* | 8h 07m | 2h 02m | | | | Mo, 1. Jul |
| Di, 2. Jul | MESZ | 00:30* - 02:36* | 2h 06m | AN ₊ bis AN ₋ | | 02:19 | 18:28 | 02:34 | 1h 25m | 03:59 | 54m | 04:54 | 42m | 05:36 | 15h 52m | 21:29 | 42m | 22:11 | 54m | 23:06 | 1h 24m | 00:30* | 8h 08m | 2h 06m | | | | Di, 2. Jul |
| Mi, 3. Jul | MESZ | 00:28* - 02:38* | 2h 09m | AN ₊ bis AN ₋ | | 02:50 | 19:45 | 02:36 | 1h 24m | 04:00 | 54m | 04:54 | 42m | 05:37 | 15h 51m | 21:28 | 42m | 22:11 | 53m | 23:05 | 1h 23m | 00:28* | 8h 09m | 2h 09m | | | | Mi, 3. Jul |
| Do, 4. Jul | MESZ | 00:26* - 02:40* | 2h 13m | AN ₊ bis AN ₋ | | 03:31 | 20:53 | 02:38 | 1h 23m | 04:01 | 53m | 04:55 | 42m | 05:38 | 15h 50m | 21:28 | 42m | 22:11 | 53m | 23:04 | 1h 22m | 00:26* | 8h 10m | 2h 13m | | | | Do, 4. Jul |
| Fr, 5. Jul | MESZ | 00:25* - 02:42* | 2h 17m | AN ₊ bis AN ₋ | | 04:25 | 21:48 | 02:40 | 1h 22m | 04:02 | 53m | 04:56 | 42m | 05:38 | 15h 49m | 21:28 | 42m | 22:10 | 53m | 23:03 | 1h 21m | 00:25* | 8h 11m | 2h 17m | | | | Fr, 5. Jul |
| Sa, 6. Jul | MESZ | 00:23* - 02:45* | 2h 21m | AN ₊ bis AN ₋ | ☉ | 05:30 | 22:29 | 02:42 | 1h 21m | 04:03 | 53m | 04:57 | 42m | 05:39 | 15h 48m | 21:27 | 42m | 22:09 | 53m | 23:03 | 1h 19m | 00:23* | 8h 12m | 2h 21m | | | | Sa, 6. Jul |
| So, 7. Jul | MESZ | 00:21* - 02:47* | 2h 26m | AN ₊ bis AN ₋ | | 06:41 | 22:59 | 02:45 | 1h 19m | 04:04 | 53m | 04:58 | 42m | 05:40 | 15h 46m | 21:27 | 42m | 22:09 | 52m | 23:02 | 1h 18m | 00:21* | 8h 14m | 2h 26m | | | | So, 7. Jul |
| Mo, 8. Jul | MESZ | 00:19* - 02:49* | 2h 30m | AN ₊ bis AN ₋ | | 07:55 | 23:22 | 02:47 | 1h 18m | 04:06 | 52m | 04:59 | 42m | 05:41 | 15h 45m | 21:26 | 41m | 22:08 | 52m | 23:01 | 1h 17m | 00:19* | 8h 15m | 2h 30m | | | | Mo, 8. Jul |
| Di, 9. Jul | MESZ | 00:16* - 02:52* | 2h 35m | AN ₊ bis AN ₋ | | 09:06 | 23:40 | 02:49 | 1h 17m | 04:07 | 52m | 05:00 | 41m | 05:42 | 15h 44m | 21:26 | 41m | 22:07 | 52m | 23:00 | 1h 16m | 00:16* | 8h 16m | 2h 35m | | | | Di, 9. Jul |
| Mi, 10. Jul | MESZ | 00:14* - 02:54* | 2h 39m | AN ₊ bis AN | | | | | | | | | | | | | | | | | | | | | | | | |

| 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 |
|-------------|-------|----------------------------|------------|-------------------------------------|------|------------|------------|----------------------------|------------|-------|------------|-------|------------|------------|------------|-------------------------|------------|-------|------------|-------|------------|----------|----------------------------|------------|----|------------|----|-------------|
| 2024 | Zeit- | Astr. dunkel und kein Mond | | | Mond | | | Beginn der Morgendämmerung | | | | | Sonne | | | Ende der Abenddämmerung | | | | | Nacht | Astr. N. | Naut. dunkel und kein Mond | | | 2024 | | |
| | zone | | Δt | | Ph. | \nearrow | \searrow | Astr. | Δt | Naut. | Δt | Bürg. | Δt | \nearrow | Δt | \searrow | Δt | Bürg. | Δt | Naut. | Δt | Astr. | Δt | Δt | | Δt | | |
| Fr, 19. Jul | MESZ | —:—:—:— | — | Mond stört | | 20:27 | 02:57 | 03:14 | 1h 07m | 04:21 | 49m | 05:11 | 40m | 05:51 | 15h 26m | 21:18 | 40m | 21:58 | 49m | 22:47 | 1h 06m | 23:53 | 8h 34m | 3h 23m | | | | Fr, 19. Jul |
| Sa, 20. Jul | MESZ | —:—:—:— | — | Mond stört | | 21:17 | 03:59 | 03:17 | 1h 06m | 04:23 | 49m | 05:12 | 40m | 05:52 | 15h 24m | 21:17 | 40m | 21:57 | 48m | 22:46 | 1h 05m | 23:51 | 8h 36m | 3h 28m | | | | Sa, 20. Jul |
| So, 21. Jul | MESZ | —:—:~:~:~ | — | Mond stört | ○ | 21:55 | 05:14 | 03:19 | 1h 05m | 04:25 | 48m | 05:13 | 40m | 05:54 | 15h 22m | 21:16 | 39m | 21:56 | 48m | 22:44 | 1h 04m | 23:48 | 8h 39m | 3h 33m | | | | So, 21. Jul |
| Mo, 22. Jul | MESZ | —:~:~:~:~ | — | Mond stört | | 22:24 | 06:38 | 03:22 | 1h 04m | 04:26 | 48m | 05:15 | 39m | 05:55 | 15h 19m | 21:15 | 39m | 21:54 | 48m | 22:43 | 1h 03m | 23:46 | 8h 41m | 3h 38m | | | | Mo, 22. Jul |
| Di, 23. Jul | MESZ | —:~:~:~:~ | — | Mond stört | | 22:46 | 08:04 | 03:25 | 1h 03m | 04:28 | 48m | 05:16 | 39m | 05:56 | 15h 17m | 21:13 | 39m | 21:53 | 47m | 22:41 | 1h 02m | 23:43 | 8h 43m | 3h 43m | | | | Di, 23. Jul |
| Mi, 24. Jul | MESZ | —:~:~:~:~ | — | Mond stört | | 23:05 | 09:29 | 03:27 | 1h 02m | 04:29 | 47m | 05:17 | 39m | 05:57 | 15h 15m | 21:12 | 39m | 21:52 | 47m | 22:39 | 1h 01m | 23:41 | 8h 45m | 3h 48m | | | | Mi, 24. Jul |
| Do, 25. Jul | MESZ | —:~:~:~:~ | — | Mond stört | | 23:23 | 10:51 | 03:30 | 1h 01m | 04:31 | 47m | 05:19 | 39m | 05:58 | 15h 12m | 21:11 | 39m | 21:50 | 47m | 22:38 | 1h 00m | 23:38 | 8h 48m | 3h 53m | | | | Do, 25. Jul |
| Fr, 26. Jul | MESZ | 23:36–23:40 | 4m | AN ₊ bis M ₇ | | 23:40 | 12:13 | 03:32 | 1h 00m | 04:33 | 47m | 05:20 | 39m | 05:59 | 15h 10m | 21:10 | 39m | 21:49 | 46m | 22:36 | 59m | 23:36 | 8h 50m | 3h 58m | | | | Fr, 26. Jul |
| Sa, 27. Jul | MESZ | 23:33–23:59 | 26m | AN ₊ bis M ₇ | | 23:59 | 13:34 | 03:35 | 59m | 04:35 | 47m | 05:22 | 39m | 06:01 | 15h 08m | 21:09 | 38m | 21:48 | 46m | 22:34 | 59m | 23:33 | 8h 53m | 4h 03m | | | | Sa, 27. Jul |
| So, 28. Jul | MESZ | 23:31–00:22* | 51m | AN ₊ bis M ₇ | ☾ | —:— | 14:55 | 03:37 | 59m | 04:36 | 46m | 05:23 | 38m | 06:02 | 15h 05m | 21:07 | 38m | 21:46 | 46m | 22:32 | 58m | 23:31 | 8h 55m | 4h 09m | | | | So, 28. Jul |
| Mo, 29. Jul | MESZ | 23:28–00:51* | 1h 22m | AN ₊ bis M ₇ | | 00:22 | 16:17 | 03:40 | 58m | 04:38 | 46m | 05:24 | 38m | 06:03 | 15h 03m | 21:06 | 38m | 21:45 | 46m | 22:31 | 57m | 23:28 | 8h 58m | 4h 14m | | | | Mo, 29. Jul |
| Di, 30. Jul | MESZ | 23:26–01:28* | 2h 02m | AN ₊ bis M ₇ | | 00:51 | 17:35 | 03:42 | 57m | 04:40 | 46m | 05:26 | 38m | 06:04 | 15h 00m | 21:05 | 38m | 21:43 | 45m | 22:29 | 56m | 23:26 | 9h 00m | 4h 19m | | | | Di, 30. Jul |
| Mi, 31. Jul | MESZ | 23:23–02:17* | 2h 54m | AN ₊ bis M ₇ | | 01:28 | 18:45 | 03:45 | 56m | 04:41 | 45m | 05:27 | 38m | 06:06 | 14h 57m | 21:03 | 38m | 21:42 | 45m | 22:27 | 55m | 23:23 | 9h 03m | 4h 24m | | | | Mi, 31. Jul |
| Do, 1. Aug | MESZ | 23:20–03:18* | 3h 57m | AN ₊ bis M ₇ | | 02:17 | 19:43 | 03:47 | 56m | 04:43 | 45m | 05:29 | 38m | 06:07 | 14h 55m | 21:02 | 38m | 21:40 | 45m | 22:25 | 55m | 23:20 | 9h 06m | 4h 29m | | | | Do, 1. Aug |
| Fr, 2. Aug | MESZ | 23:18–03:52* | 4h 34m | AN ₊ bis AN ₋ | | 03:18 | 20:28 | 03:50 | 55m | 04:45 | 45m | 05:30 | 38m | 06:08 | 14h 52m | 21:01 | 37m | 21:38 | 44m | 22:23 | 54m | 23:18 | 9h 08m | 4h 34m | | | | Fr, 2. Aug |
| Sa, 3. Aug | MESZ | 23:15–03:55* | 4h 39m | AN ₊ bis AN ₋ | | 04:27 | 21:01 | 03:52 | 54m | 04:47 | 44m | 05:31 | 37m | 06:09 | 14h 49m | 20:59 | 37m | 21:37 | 44m | 22:21 | 53m | 23:15 | 9h 11m | 4h 39m | | | | Sa, 3. Aug |
| So, 4. Aug | MESZ | 23:13–03:57* | 4h 44m | AN ₊ bis AN ₋ | ● | 05:39 | 21:26 | 03:55 | 53m | 04:48 | 44m | 05:33 | 37m | 06:11 | 14h 47m | 20:58 | 37m | 21:35 | 44m | 22:19 | 53m | 23:13 | 9h 14m | 4h 44m | | | | So, 4. Aug |
| Mo, 5. Aug | MESZ | 23:10–03:59* | 4h 49m | AN ₊ bis AN ₋ | | 06:51 | 21:45 | 03:57 | 53m | 04:50 | 44m | 05:34 | 37m | 06:12 | 14h 44m | 20:56 | 37m | 21:34 | 43m | 22:17 | 52m | 23:10 | 9h 16m | 4h 49m | | | | Mo, 5. Aug |
| Di, 6. Aug | MESZ | 23:07–04:02* | 4h 54m | AN ₊ bis AN ₋ | | 08:01 | 22:01 | 03:59 | 52m | 04:52 | 43m | 05:36 | 37m | 06:13 | 14h 41m | 20:55 | 37m | 21:32 | 43m | 22:15 | 52m | 23:07 | 9h 19m | 4h 54m | | | | Di, 6. Aug |
| Mi, 7. Aug | MESZ | 23:05–04:04* | 4h 59m | AN ₊ bis AN ₋ | | 09:09 | 22:15 | 04:02 | 52m | 04:54 | 43m | 05:37 | 37m | 06:14 | 14h 38m | 20:53 | 36m | 21:30 | 43m | 22:13 | 51m | 23:05 | 9h 22m | 4h 59m | | | | Mi, 7. Aug |
| Do, 8. Aug | MESZ | 23:02–04:06* | 5h 04m | AN ₊ bis AN ₋ | | 10:14 | 22:29 | 04:04 | 51m | 04:55 | 43m | 05:39 | 37m | 06:16 | 14h 35m | 20:52 | 36m | 21:28 | 42m | 22:11 | 50m | 23:02 | 9h 25m | 5h 04m | | | | Do, 8. Aug |
| Fr, 9. Aug | MESZ | 23:00–04:09* | 5h 08m | AN ₊ bis AN ₋ | | 11:19 | 22:42 | 04:06 | 50m | 04:57 | 43m | 05:40 | 36m | 06:17 | 14h 32m | 20:50 | 36m | 21:27 | 42m | 22:09 | 50m | 23:00 | 9h 28m | 5h 08m | | | | Fr, 9. Aug |
| Sa, 10. Aug | MESZ | 22:57–04:11* | 5h 13m | AN ₊ bis AN ₋ | | 12:25 | 22:57 | 04:09 | 50m | 04:59 | 42m | 05:42 | 36m | 06:18 | 14h 29m | 20:48 | 36m | 21:25 | 42m | 22:07 | 49m | 22:57 | 9h 31m | 5h 13m | | | | Sa, 10. Aug |
| So, 11. Aug | MESZ | 23:14–04:13* | 4h 58m | M ₇ bis AN ₋ | | 13:33 | 23:14 | 04:11 | 49m | 05:01 | 42m | 05:43 | 36m | 06:20 | 14h 26m | 20:47 | 36m | 21:23 | 42m | 22:05 | 49m | 22:54 | 9h 34m | 5h 18m | | | | So, 11. Aug |
| Mo, 12. Aug | MESZ | 23:36–04:15* | 4h 39m | M ₇ bis AN ₋ | ☾ | 14:43 | 23:36 | 04:13 | 49m | 05:02 | 42m | 05:45 | 36m | 06:21 | 14h 24m | 20:45 | 36m | 21:21 | 41m | 22:03 | 48m | 22:52 | 9h 37m | 5h 23m | | | | Mo, 12. Aug |
| Di, 13. Aug | MESZ | 00:05*–04:18* | 4h 12m | M ₇ bis AN ₋ | | 15:55 | —:— | 04:15 | 48m | 05:04 | 41m | 05:46 | 36m | 06:22 | 14h 21m | 20:43 | 36m | 21:19 | 41m | 22:01 | 48m | 22:49 | 9h 40m | 5h 28m | | | | Di, 13. Aug |
| Mi, 14. Aug | MESZ | 00:44*–04:20* | 3h 35m | M ₇ bis AN ₋ | | 17:06 | 00:05 | 04:18 | 48m | 05:06 | 41m | 05:48 | 36m | 06:24 | 14h 18m | 20:42 | 35m | 21:18 | 41m | 21:59 | 47m | 22:47 | 9h 43m | 5h 33m | | | | Mi, 14. Aug |
| Do, 15. Aug | MESZ | 01:38*–04:22* | 2h 43m | M ₇ bis AN ₋ | | 18:12 | 00:44 | 04:20 | 47m | 05:08 | 41m | 05:49 | 35m | 06:25 | 14h 14m | 20:40 | 35m | 21:16 | 41m | 21:57 | 47m | 22:44 | 9h 46m | 5h 38m | | | | Do, 15. Aug |
| Fr, 16. Aug | MESZ | 02:47*–04:24* | 1h 37m | M ₇ bis AN ₋ | | 19:07 | 01:38 | 04:22 | 47m | 05:09 | 41m | 05:51 | 35m | 06:26 | 14h 11m | 20:38 | 35m | 21:14 | 40m | 21:55 | 46m | 22:41 | 9h 49m | 5h 42m | | | | Fr, 16. Aug |
| Sa, 17. Aug | MESZ | 04:08*–04:26* | 18m | M ₇ bis AN ₋ | | 19:50 | 02:47 | 04:24 | 46m | 05:11 | 40m | 05:52 | 35m | 06:28 | 14h 08m | 20:36 | 35m | 21:12 | 40m | 21:53 | 46m | 22:39 | 9h 52m | 5h 47m | | | | Sa, 17. Aug |
| So, 18. Aug | MESZ | —:~:~:~:~ | — | Mond stört | | 20:23 | 04:08 | 04:26 | 46m | 05:13 | 40m | 05:53 | 35m | 06:29 | 14h 05m | 20:35 | 35m | 21:10 | 40m | 21:50 | 45m | 22:36 | 9h 55m | 5h 52m | | | | So, 18. Aug |
| Mo, 19. Aug | MESZ | —:~:~:~:~ | — | Mond stört | ○ | 20:48 | 05:34 | 04:29 | 45m | 05:14 | 40m | 05:55 | 35m | 06:30 | 14h 02m | 20:33 | 35m | 21:08 | 40m | 21:48 | 45m | 22:34 | 9h 58m | 5h 56m | | | | Mo, 19. Aug |
| Di, 20. Aug | MESZ | —:~:~:~:~ | — | Mond stört | | 21:09 | 07:02 | 04:31 | 45m | 05:16 | 40m | 05:56 | 35m | 06:32 | 13h 59m | 20:31 | 35m | 21:06 | 39m | 21:46 | 45m | 22:31 | 10h 01m | 6h 01m | | | | Di, 20. Aug |
| Mi, 21. Aug | MESZ | —:~:~:~:~ | — | Mond stört | | 21:27 | 08:28 | 04:33 | 45m | 05:18 | 39m | 05:58 | 35m | 06:33 | 13h 56m | 20:29 | 34m | 21:04 | 39m | 21:44 | 44m | 22:29 | 10h 05m | 6h 06m | | | | Mi, 21. Aug |
| Do, 22. Aug | MESZ | —:~:~:~:~ | — | Mond stört | | 21:45 | 09:53 | 04:35 | 44m | 05:20 | 39m | 05:59 | 34m | 06:34 | 13h 53m | 20:27 | 34m | 21:02 | 39m | 21:42 | 44m | 22:26 | 10h 08m | 6h 10m | | | | Do, 22. Aug |
| Fr, 23. Aug | MESZ | —:~:~:~:~ | — | Mond stört | | 22:04 | 11:17 | 04:37 | 44m | 05:21 | 39m | 06:01 | 34m | 06:36 | 13h 49m | 20:26 | 34m | 21:00 | 39m | 21:40 | 43m | 22:23 | 10h 11m | 6h 15m | | | | Fr, 23. Aug |
| Sa, 24. Aug | MESZ | 22:21–22:25 | 4m | AN ₊ bis M ₇ | | 22:25 | 12:41 | 04:39 | 44m | 05:23 | 39m | 06:02 | 34m | 06:37 | 13h 46m | 20:24 | 34m | 20:58 | 39m | 21:37 | 43m | 22:21 | 10h 14m | 6h 19m | | | | Sa, 24. Aug |
| So, 25. Aug | MESZ | 22:18–22:52 | 33m | AN ₊ bis M ₇ | | 22:52 | 14:04 | 04:41 | 43m | 05:25 | 39m | 06:04 | 34m | 06:38 | 13h 43m | 20:22 | 34m | 20:56 | 38m | 21:35 | 43m | 22:18 | 10h 17m | 6h 24m | | | | So, 25. Aug |
| Mo, 26. Aug | MESZ | 22:16–23:27 | 1h 11m | AN ₊ bis M ₇ | ☾ | 23:27 | 15:25 | 04:43 | 43m | 05:26 | 38m | 06:05 | 34m | 06:40 | 13h 40m | 20:20 | 34m | 20:54 | 38m | 21:33 | 42m | 22:16 | 10h 20m | 6h 28m | | | | Mo, 26. Aug |
| Di, 27. Aug | MESZ | 22:13–00:12* | 1h 59m | AN ₊ bis M ₇ | | —:— | 16:39 | 04:45 | 42m | 05:28 | 38m | 06:07 | 34m | 06:41 | 13h 37m | 20:18 | 34m | 20:52 | 38m | 21:31 | 42m | 22:13 | 10h 24m | 6h 33m | | | | Di, 27. Aug |
| Mi, 28. Aug | MESZ | 22:11–01:10* | 2h 58m | AN ₊ bis M ₇ | | 00:12 | 17:41 | 04:47 | 42m | 05:29 | 38m | 06:08 | 34m | 06:42 | 13h 33m | 20:16 | 34m | 20:50 | 38m | 21:28 | 42m | 22:11 | 10h 27m | 6h 37m | | | | Mi, 28. Aug |
| Do, 29. Aug | MESZ | 22:08–02:16* | 4h 07m | AN ₊ bis M ₇ | | 01:10 | 18:29 | 04:49 | 42m | 05:31 | 38m | 06:09 | 34m | 06:44 | 13h 30m | 20:14 | 33m | 20:48 | 38m | 21:26 | 41m | 22:08 | 10h 30m | 6h 42m | | | | Do, 29. Aug |
| Fr, 30. Aug | MESZ | 22:06–03:28* | 5h 21m | | | | | | | | | | | | | | | | | | | | | | | | | |

| 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 |
|-------------|----------|----------------------------|------------|-------------------------------------|------|------------|------------|----------------------------|------------|-------|------------|-------|------------|------------|------------|-------------------------|------------|-------|------------|-------|------------|----------|----------------------------|------------|----|------------|----|-------------|
| 2024 | Zeitzone | Astr. dunkel und kein Mond | | | Mond | | | Beginn der Morgendämmerung | | | | | Sonne | | | Ende der Abenddämmerung | | | | | Nacht | Astr. N. | Naut. dunkel und kein Mond | | | 2024 | | |
| | | | Δt | | Ph. | \nearrow | \searrow | Astr. | Δt | Naut. | Δt | Bürg. | Δt | \nearrow | Δt | \searrow | Δt | Bürg. | Δt | Naut. | Δt | Astr. | Δt | Δt | | Δt | | |
| Sa, 7. Sep | MESZ | 21:46 – 05:07* | 7h 21m | AN ₊ bis AN ₋ | | 11:21 | 21:19 | 05:05 | 39m | 05:45 | 36m | 06:22 | 33m | 06:55 | 13h 00m | 19:56 | 33m | 20:30 | 36m | 21:06 | 39m | 21:46 | 11h 00m | 7h 21m | | | | Sa, 7. Sep |
| So, 8. Sep | MESZ | 21:44 – 05:09* | 7h 25m | AN ₊ bis AN ₋ | | 12:30 | 21:39 | 05:07 | 39m | 05:47 | 36m | 06:24 | 33m | 06:57 | 12h 57m | 19:54 | 33m | 20:27 | 36m | 21:04 | 39m | 21:44 | 11h 03m | 7h 25m | | | | So, 8. Sep |
| Mo, 9. Sep | MESZ | 22:04 – 05:11* | 7h 06m | M _\ bis AN ₋ | | 13:40 | 22:04 | 05:09 | 39m | 05:48 | 36m | 06:25 | 33m | 06:58 | 12h 54m | 19:52 | 33m | 20:25 | 36m | 21:02 | 39m | 21:41 | 11h 07m | 7h 29m | | | | Mo, 9. Sep |
| Di, 10. Sep | MESZ | 22:38 – 05:12* | 6h 34m | M _\ bis AN ₋ | | 14:51 | 22:38 | 05:11 | 39m | 05:50 | 36m | 06:26 | 33m | 06:59 | 12h 50m | 19:50 | 33m | 20:23 | 36m | 21:00 | 38m | 21:39 | 11h 10m | 7h 33m | | | | Di, 10. Sep |
| Mi, 11. Sep | MESZ | 23:24 – 05:14* | 5h 49m | M _\ bis AN ₋ | ☾ | 15:58 | 23:24 | 05:12 | 39m | 05:51 | 36m | 06:28 | 33m | 07:01 | 12h 47m | 19:48 | 32m | 20:21 | 36m | 20:57 | 38m | 21:36 | 11h 13m | 7h 37m | | | | Mi, 11. Sep |
| Do, 12. Sep | MESZ | 00:25* – 05:16* | 4h 50m | M _\ bis AN ₋ | | 16:56 | —:— | 05:14 | 38m | 05:53 | 36m | 06:29 | 32m | 07:02 | 12h 44m | 19:46 | 32m | 20:19 | 36m | 20:55 | 38m | 21:34 | 11h 17m | 7h 41m | | | | Do, 12. Sep |
| Fr, 13. Sep | MESZ | 01:39* – 05:17* | 3h 38m | M _\ bis AN ₋ | | 17:43 | 00:25 | 05:16 | 38m | 05:54 | 36m | 06:30 | 32m | 07:03 | 12h 40m | 19:44 | 32m | 20:17 | 36m | 20:53 | 38m | 21:32 | 11h 20m | 7h 45m | | | | Fr, 13. Sep |
| Sa, 14. Sep | MESZ | 03:01* – 05:19* | 2h 17m | M _\ bis AN ₋ | | 18:20 | 01:39 | 05:17 | 38m | 05:56 | 36m | 06:32 | 32m | 07:05 | 12h 37m | 19:42 | 32m | 20:15 | 35m | 20:51 | 38m | 21:29 | 11h 23m | 7h 49m | | | | Sa, 14. Sep |
| So, 15. Sep | MESZ | 04:28* – 05:21* | 52m | M _\ bis AN ₋ | | 18:48 | 03:01 | 05:19 | 38m | 05:57 | 36m | 06:33 | 32m | 07:06 | 12h 34m | 19:40 | 32m | 20:13 | 35m | 20:49 | 38m | 21:27 | 11h 27m | 7h 53m | | | | So, 15. Sep |
| Mo, 16. Sep | MESZ | —:—:—:— | – | Mond stört | | 19:10 | 04:28 | 05:21 | 38m | 05:59 | 35m | 06:35 | 32m | 07:07 | 12h 30m | 19:38 | 32m | 20:11 | 35m | 20:47 | 37m | 21:24 | 11h 30m | 7h 57m | | | | Mo, 16. Sep |
| Di, 17. Sep | MESZ | —:—:—:— | – | Mond stört | | 19:30 | 05:55 | 05:22 | 37m | 06:00 | 35m | 06:36 | 32m | 07:09 | 12h 27m | 19:36 | 32m | 20:09 | 35m | 20:44 | 37m | 21:22 | 11h 33m | 8h 01m | | | | Di, 17. Sep |
| Mi, 18. Sep | MESZ | —:—:—:— | – | Mond stört | ☾ | 19:48 | 07:21 | 05:24 | 37m | 06:02 | 35m | 06:37 | 32m | 07:10 | 12h 23m | 19:34 | 32m | 20:07 | 35m | 20:42 | 37m | 21:20 | 11h 37m | 8h 05m | | | | Mi, 18. Sep |
| Do, 19. Sep | MESZ | —:—:~:~ | – | Mond stört | | 20:06 | 08:48 | 05:25 | 37m | 06:03 | 35m | 06:39 | 32m | 07:11 | 12h 20m | 19:32 | 32m | 20:05 | 35m | 20:40 | 37m | 21:18 | 11h 40m | 8h 09m | | | | Do, 19. Sep |
| Fr, 20. Sep | MESZ | —:~:~:~ | – | Mond stört | | 20:27 | 10:15 | 05:27 | 37m | 06:05 | 35m | 06:40 | 32m | 07:13 | 12h 17m | 19:30 | 32m | 20:02 | 35m | 20:38 | 37m | 21:15 | 11h 44m | 8h 13m | | | | Fr, 20. Sep |
| Sa, 21. Sep | MESZ | —:~:~:~ | – | Mond stört | | 20:52 | 11:42 | 05:29 | 37m | 06:06 | 35m | 06:41 | 32m | 07:14 | 12h 13m | 19:28 | 32m | 20:00 | 35m | 20:36 | 37m | 21:13 | 11h 47m | 8h 17m | | | | Sa, 21. Sep |
| So, 22. Sep | MESZ | 21:11 – 21:25 | 14m | AN ₊ bis M ₇ | | 21:25 | 13:08 | 05:30 | 37m | 06:07 | 35m | 06:43 | 32m | 07:15 | 12h 10m | 19:26 | 32m | 19:58 | 35m | 20:34 | 37m | 21:11 | 11h 50m | 8h 21m | | | | So, 22. Sep |
| Mo, 23. Sep | MESZ | 21:08 – 22:07 | 59m | AN ₊ bis M ₇ | | 22:07 | 14:27 | 05:32 | 37m | 06:09 | 35m | 06:44 | 32m | 07:17 | 12h 07m | 19:24 | 32m | 19:56 | 35m | 20:32 | 36m | 21:08 | 11h 54m | 8h 24m | | | | Mo, 23. Sep |
| Di, 24. Sep | MESZ | 21:06 – 23:02 | 1h 55m | AN ₊ bis M ₇ | ☾ | 23:02 | 15:35 | 05:33 | 36m | 06:10 | 35m | 06:46 | 32m | 07:18 | 12h 03m | 19:22 | 32m | 19:54 | 35m | 20:29 | 36m | 21:06 | 11h 57m | 8h 28m | | | | Di, 24. Sep |
| Mi, 25. Sep | MESZ | 21:04 – 00:07* | 3h 02m | AN ₊ bis M ₇ | | —:— | 16:28 | 05:35 | 36m | 06:12 | 35m | 06:47 | 32m | 07:19 | 12h 00m | 19:20 | 32m | 19:52 | 35m | 20:27 | 36m | 21:04 | 12h 01m | 8h 32m | | | | Mi, 25. Sep |
| Do, 26. Sep | MESZ | 21:02 – 01:18* | 4h 15m | AN ₊ bis M ₇ | | 00:07 | 17:08 | 05:36 | 36m | 06:13 | 35m | 06:48 | 32m | 07:21 | 11h 56m | 19:18 | 32m | 19:50 | 35m | 20:25 | 36m | 21:02 | 12h 04m | 8h 36m | | | | Do, 26. Sep |
| Fr, 27. Sep | MESZ | 21:00 – 02:30* | 5h 29m | AN ₊ bis M ₇ | | 01:18 | 17:37 | 05:38 | 36m | 06:14 | 35m | 06:50 | 32m | 07:22 | 11h 53m | 19:16 | 32m | 19:48 | 35m | 20:23 | 36m | 21:00 | 12h 07m | 8h 39m | | | | Fr, 27. Sep |
| Sa, 28. Sep | MESZ | 20:57 – 03:40* | 6h 42m | AN ₊ bis M ₇ | | 02:30 | 17:59 | 05:39 | 36m | 06:16 | 35m | 06:51 | 32m | 07:23 | 11h 50m | 19:14 | 32m | 19:46 | 34m | 20:21 | 36m | 20:57 | 12h 11m | 8h 43m | | | | Sa, 28. Sep |
| So, 29. Sep | MESZ | 20:55 – 04:48* | 7h 53m | AN ₊ bis M ₇ | | 03:40 | 18:16 | 05:41 | 36m | 06:17 | 35m | 06:52 | 32m | 07:25 | 11h 46m | 19:12 | 32m | 19:44 | 34m | 20:19 | 36m | 20:55 | 12h 14m | 8h 47m | | | | So, 29. Sep |
| Mo, 30. Sep | MESZ | 20:53 – 05:44* | 8h 50m | AN ₊ bis AN ₋ | | 04:48 | 18:31 | 05:42 | 36m | 06:19 | 35m | 06:54 | 32m | 07:26 | 11h 43m | 19:10 | 32m | 19:42 | 34m | 20:17 | 36m | 20:53 | 12h 17m | 8h 50m | | | | Mo, 30. Sep |
| Di, 1. Okt | MESZ | 20:51 – 05:45* | 8h 54m | AN ₊ bis AN ₋ | | 05:55 | 18:44 | 05:44 | 36m | 06:20 | 34m | 06:55 | 32m | 07:28 | 11h 40m | 19:08 | 32m | 19:40 | 34m | 20:15 | 36m | 20:51 | 12h 21m | 8h 54m | | | | Di, 1. Okt |
| Mi, 2. Okt | MESZ | 20:49 – 05:47* | 8h 57m | AN ₊ bis AN ₋ | ☾ | 07:00 | 18:57 | 05:45 | 36m | 06:21 | 34m | 06:56 | 32m | 07:29 | 11h 36m | 19:06 | 32m | 19:38 | 34m | 20:13 | 36m | 20:49 | 12h 24m | 8h 57m | | | | Mi, 2. Okt |
| Do, 3. Okt | MESZ | 20:47 – 05:48* | 9h 01m | AN ₊ bis AN ₋ | | 08:05 | 19:11 | 05:47 | 36m | 06:23 | 34m | 06:58 | 32m | 07:30 | 11h 33m | 19:04 | 32m | 19:36 | 34m | 20:11 | 36m | 20:47 | 12h 28m | 9h 01m | | | | Do, 3. Okt |
| Fr, 4. Okt | MESZ | 20:45 – 05:50* | 9h 04m | AN ₊ bis AN ₋ | | 09:12 | 19:26 | 05:48 | 36m | 06:24 | 34m | 06:59 | 32m | 07:32 | 11h 29m | 19:02 | 32m | 19:34 | 34m | 20:09 | 35m | 20:45 | 12h 31m | 9h 04m | | | | Fr, 4. Okt |
| Sa, 5. Okt | MESZ | 20:43 – 05:51* | 9h 08m | AN ₊ bis AN ₋ | | 10:20 | 19:44 | 05:50 | 36m | 06:26 | 34m | 07:01 | 32m | 07:33 | 11h 26m | 19:00 | 32m | 19:32 | 34m | 20:07 | 35m | 20:43 | 12h 34m | 9h 08m | | | | Sa, 5. Okt |
| So, 6. Okt | MESZ | 20:41 – 05:53* | 9h 11m | AN ₊ bis AN ₋ | | 11:30 | 20:07 | 05:51 | 35m | 06:27 | 34m | 07:02 | 32m | 07:34 | 11h 23m | 18:58 | 32m | 19:30 | 34m | 20:05 | 35m | 20:41 | 12h 38m | 9h 11m | | | | So, 6. Okt |
| Mo, 7. Okt | MESZ | 20:39 – 05:54* | 9h 15m | AN ₊ bis AN ₋ | | 12:40 | 20:38 | 05:53 | 35m | 06:28 | 34m | 07:03 | 32m | 07:36 | 11h 19m | 18:56 | 32m | 19:28 | 34m | 20:03 | 35m | 20:39 | 12h 41m | 9h 15m | | | | Mo, 7. Okt |
| Di, 8. Okt | MESZ | 21:19 – 05:55* | 8h 36m | M _\ bis AN ₋ | | 13:48 | 21:19 | 05:54 | 35m | 06:30 | 34m | 07:05 | 32m | 07:37 | 11h 16m | 18:54 | 32m | 19:26 | 34m | 20:01 | 35m | 20:37 | 12h 44m | 9h 18m | | | | Di, 8. Okt |
| Mi, 9. Okt | MESZ | 22:12 – 05:57* | 7h 44m | M _\ bis AN ₋ | | 14:48 | 22:12 | 05:55 | 35m | 06:31 | 34m | 07:06 | 32m | 07:39 | 11h 13m | 18:52 | 32m | 19:24 | 34m | 19:59 | 35m | 20:35 | 12h 48m | 9h 21m | | | | Mi, 9. Okt |
| Do, 10. Okt | MESZ | 23:19 – 05:58* | 6h 38m | M _\ bis AN ₋ | ☾ | 15:38 | 23:19 | 05:57 | 35m | 06:33 | 34m | 07:07 | 32m | 07:40 | 11h 09m | 18:50 | 32m | 19:23 | 34m | 19:57 | 35m | 20:33 | 12h 51m | 9h 25m | | | | Do, 10. Okt |
| Fr, 11. Okt | MESZ | 00:36* – 06:00* | 5h 23m | M _\ bis AN ₋ | | 16:17 | —:— | 05:58 | 35m | 06:34 | 34m | 07:09 | 32m | 07:41 | 11h 06m | 18:48 | 32m | 19:21 | 34m | 19:55 | 35m | 20:31 | 12h 54m | 9h 28m | | | | Fr, 11. Okt |
| Sa, 12. Okt | MESZ | 01:58* – 06:01* | 4h 02m | M _\ bis AN ₋ | | 16:48 | 00:36 | 06:00 | 35m | 06:35 | 34m | 07:10 | 32m | 07:43 | 11h 03m | 18:46 | 32m | 19:19 | 34m | 19:54 | 35m | 20:29 | 12h 58m | 9h 31m | | | | Sa, 12. Okt |
| So, 13. Okt | MESZ | 03:23* – 06:02* | 2h 39m | M _\ bis AN ₋ | | 17:11 | 01:58 | 06:01 | 35m | 06:37 | 34m | 07:12 | 32m | 07:44 | 10h 59m | 18:44 | 32m | 19:17 | 34m | 19:52 | 35m | 20:27 | 13h 01m | 9h 35m | | | | So, 13. Okt |
| Mo, 14. Okt | MESZ | 04:47* – 06:04* | 1h 16m | M _\ bis AN ₋ | | 17:31 | 03:23 | 06:02 | 35m | 06:38 | 34m | 07:13 | 32m | 07:46 | 10h 56m | 18:42 | 32m | 19:15 | 34m | 19:50 | 35m | 20:25 | 13h 04m | 9h 38m | | | | Mo, 14. Okt |
| Di, 15. Okt | MESZ | —:~:~:~ | – | Mond stört | | 17:50 | 04:47 | 06:04 | 35m | 06:39 | 34m | 07:14 | 32m | 07:47 | 10h 53m | 18:40 | 32m | 19:13 | 34m | 19:48 | 35m | 20:24 | 13h 08m | 9h 41m | | | | Di, 15. Okt |
| Mi, 16. Okt | MESZ | —:~:~:~ | – | Mond stört | | 18:08 | 06:13 | 06:05 | 35m | 06:41 | 34m | 07:16 | 32m | 07:49 | 10h 49m | 18:39 | 32m | 19:11 | 34m | 19:46 | 35m | 20:22 | 13h 11m | 9h 44m | | | | Mi, 16. Okt |
| Do, 17. Okt | MESZ | —:~:~:~ | – | Mond stört | ☾ | 18:27 | 07:40 | 06:07 | 35m | 06:42 | 34m | 07:17 | 32m | 07:50 | 10h 46m | 18:37 | 32m | 19:10 | 34m | 19:44 | 35m | 20:20 | 13h 14m | 9h 48m | | | | Do, 17. Okt |
| Fr, 18. Okt | MESZ | —:~:~:~ | – | Mond stört | | 18:51 | 09:08 | 06:08 | 35m | 06:44 | 34m | 07:18 | 33m | 07:52 | 10h 43m | 18:35 | 33m | 19:08 | 34m | 19:43 | 35m | 20:18 | 13h 18m | 9h 51m | | | | Fr, 18. 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 |
|-------------|---------------|----------------------------|----------|-------------------------------------|------|------------|------------|----------------------------|------------|-------|------------|-------|------------|------------|------------|-------------------------|------------|-------|------------|-------|------------|----------|----------------------------|------------|----|------------|----|-------------|
| 2024 | Zeit- zone | Astr. dunkel und kein Mond | | | Mond | | | Beginn der Morgendämmerung | | | | | Sonne | | | Ende der Abenddämmerung | | | | | Nacht | Astr. N. | Naut. dunkel und kein Mond | | | 2024 | | |
| | | Δt | | | Ph. | \nearrow | \searrow | Astr. | Δt | Naut. | Δt | Bürg. | Δt | \nearrow | Δt | \searrow | Δt | Bürg. | Δt | Naut. | Δt | Astr. | Δt | Δt | | Δt | | |
| So, 27. Okt | | 19:04–02:46* | 7h 42m | AN ₊ bis M _J | | 01:39 | 15:38 | 05:20 | 35m | 05:56 | 35m | 06:31 | 33m | 07:05 | 10h 14m | 17:19 | 33m | 17:53 | 35m | 18:28 | 35m | 19:04 | 13h 46m | 10h 18m | | | | So, 27. Okt |
| Mo, 28. Okt | | 19:02–03:51* | 8h 48m | AN ₊ bis M _J | | 02:46 | 15:52 | 05:22 | 35m | 05:57 | 35m | 06:32 | 33m | 07:06 | 10h 11m | 17:18 | 33m | 17:51 | 35m | 18:27 | 35m | 19:02 | 13h 50m | 10h 20m | | | | Mo, 28. Okt |
| Di, 29. Okt | | 19:01–04:56* | 9h 55m | AN ₊ bis M _J | | 03:51 | 16:05 | 05:23 | 35m | 05:58 | 35m | 06:34 | 33m | 07:08 | 10h 08m | 17:16 | 33m | 17:50 | 35m | 18:25 | 35m | 19:01 | 13h 53m | 10h 23m | | | | Di, 29. Okt |
| Mi, 30. Okt | | 18:59–05:26* | 10h 26m | AN ₊ bis AN ₋ | | 04:56 | 16:19 | 05:24 | 35m | 06:00 | 35m | 06:35 | 33m | 07:09 | 10h 05m | 17:14 | 33m | 17:48 | 35m | 18:24 | 35m | 18:59 | 13h 56m | 10h 26m | | | | Mi, 30. Okt |
| Do, 31. Okt | | 18:58–05:27* | 10h 29m | AN ₊ bis AN ₋ | | 06:02 | 16:33 | 05:26 | 35m | 06:01 | 35m | 06:37 | 34m | 07:11 | 10h 02m | 17:13 | 33m | 17:47 | 35m | 18:22 | 35m | 18:58 | 13h 59m | 10h 29m | | | | Do, 31. Okt |
| Fr, 1. Nov | | 18:56–05:28* | 10h 31m | AN ₊ bis AN ₋ | ● | 07:10 | 16:51 | 05:27 | 35m | 06:03 | 35m | 06:38 | 34m | 07:12 | 9h 59m | 17:11 | 34m | 17:45 | 35m | 18:21 | 35m | 18:56 | 14h 02m | 10h 31m | | | | Fr, 1. Nov |
| Sa, 2. Nov | | 18:55–05:30* | 10h 34m | AN ₊ bis AN ₋ | | 08:20 | 17:12 | 05:28 | 35m | 06:04 | 35m | 06:40 | 34m | 07:14 | 9h 56m | 17:10 | 34m | 17:44 | 35m | 18:20 | 35m | 18:55 | 14h 05m | 10h 34m | | | | Sa, 2. Nov |
| So, 3. Nov | | 18:54–05:31* | 10h 37m | AN ₊ bis AN ₋ | | 09:31 | 17:41 | 05:30 | 35m | 06:05 | 35m | 06:41 | 34m | 07:15 | 9h 53m | 17:08 | 34m | 17:43 | 35m | 18:18 | 35m | 18:54 | 14h 08m | 10h 37m | | | | So, 3. Nov |
| Mo, 4. Nov | | 18:53–05:32* | 10h 39m | AN ₊ bis AN ₋ | | 10:39 | 18:18 | 05:31 | 35m | 06:07 | 35m | 06:42 | 34m | 07:17 | 9h 50m | 17:07 | 34m | 17:41 | 35m | 18:17 | 35m | 18:53 | 14h 11m | 10h 39m | | | | Mo, 4. Nov |
| Di, 5. Nov | | 19:08–05:33* | 10h 25m | M _\ bis AN ₋ | | 11:42 | 19:08 | 05:32 | 35m | 06:08 | 35m | 06:44 | 34m | 07:18 | 9h 47m | 17:05 | 34m | 17:40 | 35m | 18:16 | 35m | 18:51 | 14h 14m | 10h 42m | | | | Di, 5. Nov |
| Mi, 6. Nov | | 20:10–05:35* | 9h 24m | M _\ bis AN ₋ | | 12:35 | 20:10 | 05:33 | 35m | 06:09 | 35m | 06:45 | 34m | 07:20 | 9h 44m | 17:04 | 34m | 17:39 | 35m | 18:14 | 35m | 18:50 | 14h 17m | 10h 44m | | | | Mi, 6. Nov |
| Do, 7. Nov | | 21:22–05:36* | 8h 13m | M _\ bis AN ₋ | | 13:17 | 21:22 | 05:35 | 35m | 06:11 | 35m | 06:47 | 34m | 07:21 | 9h 41m | 17:03 | 34m | 17:37 | 35m | 18:13 | 35m | 18:49 | 14h 20m | 10h 47m | | | | Do, 7. Nov |
| Fr, 8. Nov | | 22:41–05:37* | 6h 56m | M _\ bis AN ₋ | | 13:49 | 22:41 | 05:36 | 35m | 06:12 | 35m | 06:48 | 34m | 07:23 | 9h 38m | 17:01 | 34m | 17:36 | 35m | 18:12 | 35m | 18:48 | 14h 22m | 10h 49m | | | | Fr, 8. Nov |
| Sa, 9. Nov | | 00:01*–05:39* | 5h 37m | M _\ bis AN ₋ | ◐ | 14:14 | —:— | 05:37 | 35m | 06:13 | 36m | 06:49 | 34m | 07:24 | 9h 35m | 17:00 | 34m | 17:35 | 36m | 18:11 | 35m | 18:47 | 14h 25m | 10h 51m | | | | Sa, 9. Nov |
| So, 10. Nov | | 01:22*–05:40* | 4h 17m | M _\ bis AN ₋ | | 14:35 | 00:01 | 05:39 | 35m | 06:15 | 36m | 06:51 | 34m | 07:26 | 9h 32m | 16:59 | 34m | 17:34 | 36m | 18:10 | 35m | 18:46 | 14h 28m | 10h 54m | | | | So, 10. Nov |
| Mo, 11. Nov | | 02:44*–05:41* | 2h 57m | M _\ bis AN ₋ | | 14:53 | 01:22 | 05:40 | 35m | 06:16 | 36m | 06:52 | 35m | 07:27 | 9h 30m | 16:57 | 35m | 17:32 | 36m | 18:09 | 35m | 18:45 | 14h 31m | 10h 56m | | | | Mo, 11. Nov |
| Di, 12. Nov | | 04:07*–05:42* | 1h 35m | M _\ bis AN ₋ | | 15:10 | 02:44 | 05:41 | 36m | 06:17 | 36m | 06:53 | 35m | 07:29 | 9h 27m | 16:56 | 35m | 17:31 | 36m | 18:08 | 35m | 18:44 | 14h 34m | 10h 58m | | | | Di, 12. Nov |
| Mi, 13. Nov | | 05:33*–05:44* | 10m | M _\ bis AN ₋ | | 15:28 | 04:07 | 05:42 | 36m | 06:19 | 36m | 06:55 | 35m | 07:30 | 9h 24m | 16:55 | 35m | 17:30 | 36m | 18:07 | 36m | 18:43 | 14h 36m | 11h 01m | | | | Mi, 13. Nov |
| Do, 14. Nov | | —:—:—:— | – | Mond stört | | 15:49 | 05:33 | 05:44 | 36m | 06:20 | 36m | 06:56 | 35m | 07:32 | 9h 22m | 16:54 | 35m | 17:29 | 36m | 18:06 | 36m | 18:42 | 14h 39m | 11h 03m | | | | Do, 14. Nov |
| Fr, 15. Nov | | —:—:—:— | – | Mond stört | ◑ | 16:15 | 07:01 | 05:45 | 36m | 06:21 | 36m | 06:58 | 35m | 07:33 | 9h 19m | 16:53 | 35m | 17:28 | 36m | 18:05 | 36m | 18:41 | 14h 41m | 11h 05m | | | | Fr, 15. Nov |
| Sa, 16. Nov | | —:—:—:— | – | Mond stört | | 16:49 | 08:30 | 05:46 | 36m | 06:22 | 36m | 06:59 | 35m | 07:35 | 9h 17m | 16:52 | 35m | 17:27 | 36m | 18:04 | 36m | 18:40 | 14h 44m | 11h 07m | | | | Sa, 16. Nov |
| So, 17. Nov | | —:~:~:~:~ | – | Mond stört | | 17:36 | 09:53 | 05:47 | 36m | 06:24 | 36m | 07:00 | 35m | 07:36 | 9h 14m | 16:51 | 35m | 17:26 | 36m | 18:03 | 36m | 18:39 | 14h 46m | 11h 09m | | | | So, 17. Nov |
| Mo, 18. Nov | | —:~:~:~:~ | – | Mond stört | | 18:35 | 11:04 | 05:49 | 36m | 06:25 | 36m | 07:02 | 35m | 07:37 | 9h 12m | 16:50 | 35m | 17:25 | 36m | 18:02 | 36m | 18:38 | 14h 49m | 11h 11m | | | | Mo, 18. Nov |
| Di, 19. Nov | | 18:38–19:45 | 1h 07m | AN ₊ bis M _J | | 19:45 | 11:58 | 05:50 | 36m | 06:26 | 36m | 07:03 | 35m | 07:39 | 9h 09m | 16:49 | 35m | 17:25 | 36m | 18:01 | 36m | 18:38 | 14h 51m | 11h 13m | | | | Di, 19. Nov |
| Mi, 20. Nov | | 18:37–21:00 | 2h 23m | AN ₊ bis M _J | | 21:00 | 12:38 | 05:51 | 36m | 06:27 | 36m | 07:04 | 36m | 07:40 | 9h 07m | 16:48 | 36m | 17:24 | 36m | 18:01 | 36m | 18:37 | 14h 54m | 11h 15m | | | | Mi, 20. Nov |
| Do, 21. Nov | | 18:36–22:15 | 3h 38m | AN ₊ bis M _J | | 22:15 | 13:06 | 05:52 | 36m | 06:29 | 36m | 07:06 | 36m | 07:42 | 9h 05m | 16:47 | 36m | 17:23 | 36m | 18:00 | 36m | 18:36 | 14h 56m | 11h 17m | | | | Do, 21. Nov |
| Fr, 22. Nov | | 18:36–23:26 | 4h 50m | AN ₊ bis M _J | | 23:26 | 13:27 | 05:53 | 36m | 06:30 | 37m | 07:07 | 36m | 07:43 | 9h 02m | 16:46 | 36m | 17:22 | 37m | 17:59 | 36m | 18:36 | 14h 58m | 11h 18m | | | | Fr, 22. Nov |
| Sa, 23. Nov | | 18:35–00:34* | 5h 59m | AN ₊ bis M _J | ◒ | —:— | 13:44 | 05:54 | 36m | 06:31 | 37m | 07:08 | 36m | 07:45 | 9h 00m | 16:45 | 36m | 17:21 | 37m | 17:59 | 36m | 18:35 | 15h 00m | 11h 20m | | | | Sa, 23. Nov |
| So, 24. Nov | | 18:35–01:40* | 7h 05m | AN ₊ bis M _J | | 00:34 | 13:59 | 05:56 | 36m | 06:32 | 37m | 07:09 | 36m | 07:46 | 8h 58m | 16:44 | 36m | 17:21 | 37m | 17:58 | 36m | 18:35 | 15h 02m | 11h 22m | | | | So, 24. Nov |
| Mo, 25. Nov | | 18:34–02:45* | 8h 11m | AN ₊ bis M _J | | 01:40 | 14:12 | 05:57 | 36m | 06:33 | 37m | 07:11 | 36m | 07:47 | 8h 56m | 16:44 | 36m | 17:20 | 37m | 17:57 | 36m | 18:34 | 15h 04m | 11h 23m | | | | Mo, 25. Nov |
| Di, 26. Nov | | 18:34–03:51* | 9h 17m | AN ₊ bis M _J | | 02:45 | 14:26 | 05:58 | 36m | 06:35 | 37m | 07:12 | 36m | 07:49 | 8h 54m | 16:43 | 36m | 17:20 | 37m | 17:57 | 36m | 18:34 | 15h 06m | 11h 25m | | | | Di, 26. Nov |
| Mi, 27. Nov | | 18:33–04:58* | 10h 24m | AN ₊ bis M _J | | 03:51 | 14:40 | 05:59 | 36m | 06:36 | 37m | 07:13 | 36m | 07:50 | 8h 52m | 16:42 | 36m | 17:19 | 37m | 17:56 | 36m | 18:33 | 15h 08m | 11h 26m | | | | Mi, 27. Nov |
| Do, 28. Nov | | 18:33–06:01* | 11h 28m | AN ₊ bis AN ₋ | | 04:58 | 14:56 | 06:00 | 36m | 06:37 | 37m | 07:14 | 36m | 07:51 | 8h 50m | 16:42 | 36m | 17:19 | 37m | 17:56 | 36m | 18:33 | 15h 10m | 11h 28m | | | | Do, 28. Nov |
| Fr, 29. Nov | | 18:32–06:02* | 11h 29m | AN ₊ bis AN ₋ | | 06:07 | 15:16 | 06:01 | 36m | 06:38 | 37m | 07:15 | 36m | 07:52 | 8h 48m | 16:41 | 36m | 17:18 | 37m | 17:56 | 36m | 18:32 | 15h 12m | 11h 29m | | | | Fr, 29. Nov |
| Sa, 30. Nov | | 18:32–06:03* | 11h 31m | AN ₊ bis AN ₋ | | 07:18 | 15:43 | 06:02 | 36m | 06:39 | 37m | 07:17 | 37m | 07:54 | 8h 46m | 16:41 | 37m | 17:18 | 37m | 17:55 | 36m | 18:32 | 15h 14m | 11h 31m | | | | Sa, 30. Nov |
| So, 1. Dez | | 18:32–06:04* | 11h 32m | AN ₊ bis AN ₋ | ● | 08:29 | 16:17 | 06:03 | 36m | 06:40 | 37m | 07:18 | 37m | 07:55 | 8h 45m | 16:40 | 37m | 17:17 | 37m | 17:55 | 36m | 18:32 | 15h 15m | 11h 32m | | | | So, 1. Dez |
| Mo, 2. Dez | | 18:32–06:05* | 11h 33m | AN ₊ bis AN ₋ | | 09:35 | 17:04 | 06:04 | 36m | 06:41 | 37m | 07:19 | 37m | 07:56 | 8h 43m | 16:40 | 37m | 17:17 | 37m | 17:55 | 36m | 18:32 | 15h 17m | 11h 33m | | | | Mo, 2. Dez |
| Di, 3. Dez | | 18:31–06:06* | 11h 34m | AN ₊ bis AN ₋ | | 10:32 | 18:03 | 06:05 | 36m | 06:42 | 37m | 07:20 | 37m | 07:57 | 8h 42m | 16:39 | 37m | 17:17 | 37m | 17:54 | 36m | 18:31 | 15h 19m | 11h 34m | | | | Di, 3. Dez |
| Mi, 4. Dez | | 19:14–06:07* | 10h 53m | M _\ bis AN ₋ | | 11:17 | 19:14 | 06:06 | 37m | 06:43 | 37m | 07:21 | 37m | 07:58 | 8h 40m | 16:39 | 37m | 17:16 | 37m | 17:54 | 37m | 18:31 | 15h 20m | 11h 35m | | | | Mi, 4. Dez |
| Do, 5. Dez | | 20:31–06:08* | 9h 37m | M _\ bis AN ₋ | | 11:52 | 20:31 | 06:07 | 37m | 06:44 | 37m | 07:22 | 37m | 08:00 | 8h 39m | 16:39 | 37m | 17:16 | 37m | 17:54 | 37m | 18:31 | 15h 21m | 11h 37m | | | | Do, 5. Dez |
| Fr, 6. Dez | | 21:50–06:09* | 8h 19m | M _\ bis AN ₋ | | 12:18 | 21:50 | 06:08 | 37m | 06:45 | 37m | 07:23 | 37m | 08:01 | 8h 37m | 16:39 | 37m | 17:16 | 37m | 17:54 | 37m | 18:31 | 15h 23m | 11h 37m | | | | Fr, 6. Dez |
| Sa, 7. Dez | | 23:09–06:10* | 7h 00m | M _\ bis AN ₋ | | 12:40 | 23:09 | 06:09 | 37m | 06:46 | 37m | 07:24 | 37m | 08:02 | 8h 36m | 16:38 | 37m | 17:16 | 37m | 17:54 | 37m | 18:31 | 15h 24m | 11h 38m | | | | Sa, 7. Dez |
| So, 8. Dez | | 00:28*–06:11* | 5h 42m</ | | | | | | | | | | | | | | | | | | | | | | | | | |

| 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 |
|-------------|----------|----------------------------|---------|-------------------------------------|------|------------|------------|----------------------------|------------|-------|------------|-------|------------|------------|------------|-------------------------|------------|-------|------------|-------|------------|----------|----------------------------|------------|----|------------|----|-------------|
| 2024/25 | Zeitzone | Astr. dunkel und kein Mond | | | Mond | | | Beginn der Morgendämmerung | | | | | Sonne | | | Ende der Abenddämmerung | | | | | Nacht | Astr. N. | Naut. dunkel und kein Mond | | | 2024/25 | | |
| | | Δt | | | Ph. | \nearrow | \searrow | Astr. | Δt | Naut. | Δt | Bürg. | Δt | \nearrow | Δt | \searrow | Δt | Bürg. | Δt | Naut. | Δt | Astr. | Δt | Δt | | Δt | | |
| Mo, 16. Dez | | —:—:—:— | — | Mond stört | | 17:22 | 09:44 | 06:16 | 37m | 06:53 | 38m | 07:32 | 37m | 08:10 | 8h 29m | 16:39 | 37m | 17:17 | 38m | 17:55 | 37m | 18:32 | 15h 31m | 11h 44m | | | | Mo, 16. Dez |
| Di, 17. Dez | | 18:33–18:36 | 3m | AN ₊ bis M ₇ | | 18:36 | 10:31 | 06:17 | 37m | 06:54 | 38m | 07:32 | 37m | 08:10 | 8h 28m | 16:39 | 37m | 17:17 | 38m | 17:55 | 37m | 18:33 | 15h 31m | 11h 44m | | | | Di, 17. Dez |
| Mi, 18. Dez | | 18:33–19:53 | 1h 20m | AN ₊ bis M ₇ | | 19:53 | 11:04 | 06:17 | 37m | 06:55 | 38m | 07:33 | 38m | 08:11 | 8h 28m | 16:40 | 38m | 17:18 | 38m | 17:56 | 37m | 18:33 | 15h 32m | 11h 44m | | | | Mi, 18. Dez |
| Do, 19. Dez | | 18:34–21:08 | 2h 34m | AN ₊ bis M ₇ | | 21:08 | 11:29 | 06:18 | 37m | 06:55 | 38m | 07:34 | 38m | 08:12 | 8h 28m | 16:40 | 38m | 17:18 | 38m | 17:56 | 37m | 18:34 | 15h 32m | 11h 44m | | | | Do, 19. Dez |
| Fr, 20. Dez | | 18:34–22:19 | 3h 44m | AN ₊ bis M ₇ | | 22:19 | 11:48 | 06:18 | 37m | 06:56 | 38m | 07:34 | 38m | 08:12 | 8h 28m | 16:40 | 38m | 17:18 | 38m | 17:57 | 37m | 18:34 | 15h 32m | 11h 44m | | | | Fr, 20. Dez |
| Sa, 21. Dez | | 18:35–23:27 | 4h 52m | AN ₊ bis M ₇ | | 23:27 | 12:04 | 06:19 | 37m | 06:56 | 38m | 07:35 | 38m | 08:13 | 8h 28m | 16:41 | 38m | 17:19 | 38m | 17:57 | 37m | 18:35 | 15h 32m | 11h 44m | | | | Sa, 21. Dez |
| So, 22. Dez | | 18:35–00:33* | 5h 57m | AN ₊ bis M ₇ | ☾ | —:— | 12:18 | 06:19 | 37m | 06:57 | 38m | 07:35 | 38m | 08:13 | 8h 28m | 16:41 | 38m | 17:19 | 38m | 17:58 | 37m | 18:35 | 15h 32m | 11h 44m | | | | So, 22. Dez |
| Mo, 23. Dez | | 18:36–01:38* | 7h 02m | AN ₊ bis M ₇ | | 00:33 | 12:31 | 06:20 | 37m | 06:57 | 38m | 07:36 | 38m | 08:14 | 8h 28m | 16:42 | 38m | 17:20 | 38m | 17:58 | 37m | 18:36 | 15h 32m | 11h 44m | | | | Mo, 23. Dez |
| Di, 24. Dez | | 18:36–02:44* | 8h 07m | AN ₊ bis M ₇ | | 01:38 | 12:45 | 06:20 | 37m | 06:58 | 38m | 07:36 | 38m | 08:14 | 8h 28m | 16:43 | 38m | 17:21 | 38m | 17:59 | 37m | 18:36 | 15h 31m | 11h 44m | | | | Di, 24. Dez |
| Mi, 25. Dez | | 18:37–03:52* | 9h 15m | AN ₊ bis M ₇ | | 02:44 | 13:00 | 06:21 | 37m | 06:58 | 38m | 07:36 | 37m | 08:14 | 8h 28m | 16:43 | 37m | 17:21 | 38m | 18:00 | 37m | 18:37 | 15h 31m | 11h 44m | | | | Mi, 25. Dez |
| Do, 26. Dez | | 18:38–05:02* | 10h 24m | AN ₊ bis M ₇ | | 03:52 | 13:19 | 06:21 | 37m | 06:58 | 38m | 07:37 | 37m | 08:15 | 8h 29m | 16:44 | 37m | 17:22 | 38m | 18:00 | 37m | 18:38 | 15h 30m | 11h 43m | | | | Do, 26. Dez |
| Fr, 27. Dez | | 18:38–06:13* | 11h 35m | AN ₊ bis M ₇ | | 05:02 | 13:43 | 06:21 | 37m | 06:59 | 38m | 07:37 | 37m | 08:15 | 8h 29m | 16:45 | 37m | 17:23 | 38m | 18:01 | 37m | 18:38 | 15h 30m | 11h 43m | | | | Fr, 27. Dez |
| Sa, 28. Dez | | 18:39–06:22* | 11h 42m | AN ₊ bis AN ₋ | | 06:13 | 14:14 | 06:22 | 37m | 06:59 | 38m | 07:37 | 37m | 08:15 | 8h 30m | 16:46 | 37m | 17:23 | 38m | 18:02 | 37m | 18:39 | 15h 29m | 11h 42m | | | | Sa, 28. Dez |
| So, 29. Dez | | 18:40–06:22* | 11h 42m | AN ₊ bis AN ₋ | | 07:22 | 14:56 | 06:22 | 37m | 06:59 | 38m | 07:37 | 37m | 08:15 | 8h 31m | 16:46 | 37m | 17:24 | 38m | 18:02 | 37m | 18:40 | 15h 29m | 11h 42m | | | | So, 29. Dez |
| Mo, 30. Dez | | 18:40–06:22* | 11h 41m | AN ₊ bis AN ₋ | ☉ | 08:23 | 15:52 | 06:22 | 37m | 06:59 | 38m | 07:38 | 37m | 08:15 | 8h 31m | 16:47 | 37m | 17:25 | 38m | 18:03 | 37m | 18:40 | 15h 28m | 11h 41m | | | | Mo, 30. Dez |
| Di, 31. Dez | | 18:41–06:22* | 11h 41m | AN ₊ bis AN ₋ | | 09:13 | 17:00 | 06:22 | 37m | 07:00 | 38m | 07:38 | 37m | 08:15 | 8h 32m | 16:48 | 37m | 17:26 | 38m | 18:04 | 37m | 18:41 | 15h 27m | 11h 41m | | | | Di, 31. Dez |
| Mi, 1. Jan | | 18:42–06:23* | 11h 40m | AN ₊ bis AN ₋ | | 09:52 | 18:17 | 06:22 | 37m | 07:00 | 38m | 07:38 | 37m | 08:15 | 8h 33m | 16:49 | 37m | 17:27 | 38m | 18:05 | 37m | 18:42 | 15h 26m | 11h 40m | | | | Mi, 1. Jan |
| Do, 2. Jan | | 19:38–06:23* | 10h 44m | M _\ bis AN ₋ | | 10:22 | 19:38 | 06:23 | 37m | 07:00 | 38m | 07:38 | 37m | 08:15 | 8h 34m | 16:50 | 37m | 17:28 | 38m | 18:06 | 37m | 18:43 | 15h 25m | 11h 39m | | | | Do, 2. Jan |
| Fr, 3. Jan | | 20:58–06:23* | 9h 24m | M _\ bis AN ₋ | | 10:45 | 20:58 | 06:23 | 37m | 07:00 | 38m | 07:38 | 37m | 08:15 | 8h 35m | 16:51 | 37m | 17:29 | 38m | 18:07 | 37m | 18:44 | 15h 24m | 11h 38m | | | | Fr, 3. Jan |
| Sa, 4. Jan | | 22:18–06:23* | 8h 04m | M _\ bis AN ₋ | | 11:04 | 22:18 | 06:23 | 37m | 07:00 | 37m | 07:38 | 37m | 08:15 | 8h 36m | 16:52 | 37m | 17:30 | 37m | 18:08 | 37m | 18:45 | 15h 22m | 11h 37m | | | | Sa, 4. Jan |
| So, 5. Jan | | 23:37–06:22* | 6h 45m | M _\ bis AN ₋ | | 11:21 | 23:37 | 06:23 | 37m | 07:00 | 37m | 07:38 | 37m | 08:15 | 8h 38m | 16:53 | 37m | 17:31 | 37m | 18:09 | 37m | 18:46 | 15h 21m | 11h 36m | | | | So, 5. Jan |
| Mo, 6. Jan | | 00:56*–06:22* | 5h 26m | M _\ bis AN ₋ | | 11:37 | —:— | 06:22 | 37m | 07:00 | 37m | 07:37 | 37m | 08:15 | 8h 39m | 16:54 | 37m | 17:32 | 37m | 18:10 | 37m | 18:47 | 15h 20m | 11h 35m | | | | Mo, 6. Jan |
| Di, 7. Jan | | 02:17*–06:22* | 4h 05m | M _\ bis AN ₋ | ☾ | 11:55 | 00:56 | 06:22 | 37m | 06:59 | 37m | 07:37 | 37m | 08:15 | 8h 40m | 16:55 | 37m | 17:33 | 37m | 18:11 | 37m | 18:48 | 15h 18m | 11h 34m | | | | Di, 7. Jan |
| Mi, 8. Jan | | 03:40*–06:22* | 2h 41m | M _\ bis AN ₋ | | 12:16 | 02:17 | 06:22 | 36m | 06:59 | 37m | 07:37 | 37m | 08:14 | 8h 42m | 16:57 | 37m | 17:34 | 37m | 18:12 | 36m | 18:49 | 15h 17m | 11h 33m | | | | Mi, 8. Jan |
| Do, 9. Jan | | 05:04*–06:22* | 1h 18m | M _\ bis AN ₋ | | 12:42 | 03:40 | 06:22 | 36m | 06:59 | 37m | 07:37 | 37m | 08:14 | 8h 44m | 16:58 | 37m | 17:35 | 37m | 18:13 | 36m | 18:50 | 15h 15m | 11h 32m | | | | Do, 9. Jan |
| Fr, 10. Jan | | —:—:—:— | — | Mond stört | | 13:16 | 05:04 | 06:22 | 36m | 06:59 | 37m | 07:36 | 37m | 08:13 | 8h 45m | 16:59 | 37m | 17:36 | 37m | 18:14 | 36m | 18:51 | 15h 13m | 11h 30m | | | | Fr, 10. Jan |
| Sa, 11. Jan | | —:—:—:— | — | Mond stört | | 14:02 | 06:22 | 06:22 | 36m | 06:58 | 37m | 07:36 | 36m | 08:13 | 8h 47m | 17:00 | 37m | 17:37 | 37m | 18:15 | 36m | 18:52 | 15h 12m | 11h 29m | | | | Sa, 11. Jan |
| So, 12. Jan | | —:~:~:~:~ | — | Mond stört | | 15:02 | 07:30 | 06:21 | 36m | 06:58 | 37m | 07:36 | 36m | 08:12 | 8h 49m | 17:02 | 36m | 17:39 | 37m | 18:16 | 36m | 18:53 | 15h 10m | 11h 28m | | | | So, 12. Jan |
| Mo, 13. Jan | | —:~:~:~:~ | — | Mond stört | ☉ | 16:13 | 08:22 | 06:21 | 36m | 06:58 | 37m | 07:35 | 36m | 08:12 | 8h 51m | 17:03 | 36m | 17:40 | 37m | 18:17 | 36m | 18:54 | 15h 08m | 11h 26m | | | | Mo, 13. Jan |
| Di, 14. Jan | | —:~:~:~:~ | — | Mond stört | | 17:30 | 09:01 | 06:21 | 36m | 06:57 | 37m | 07:35 | 36m | 08:11 | 8h 52m | 17:04 | 36m | 17:41 | 37m | 18:18 | 36m | 18:55 | 15h 06m | 11h 25m | | | | Di, 14. Jan |
| Mi, 15. Jan | | —:~:~:~:~ | — | Mond stört | | 18:46 | 09:29 | 06:20 | 36m | 06:57 | 37m | 07:34 | 36m | 08:11 | 8h 54m | 17:06 | 36m | 17:42 | 37m | 18:20 | 36m | 18:56 | 15h 04m | 11h 23m | | | | Mi, 15. Jan |
| Do, 16. Jan | | 18:57–20:00 | 1h 02m | AN ₊ bis M ₇ | | 20:00 | 09:51 | 06:20 | 36m | 06:56 | 37m | 07:34 | 36m | 08:10 | 8h 56m | 17:07 | 36m | 17:44 | 37m | 18:21 | 36m | 18:57 | 15h 02m | 11h 21m | | | | Do, 16. Jan |
| Fr, 17. Jan | | 18:59–21:10 | 2h 11m | AN ₊ bis M ₇ | | 21:10 | 10:08 | 06:19 | 36m | 06:56 | 37m | 07:33 | 36m | 08:09 | 8h 59m | 17:08 | 36m | 17:45 | 37m | 18:22 | 36m | 18:59 | 15h 00m | 11h 20m | | | | Fr, 17. Jan |
| Sa, 18. Jan | | 19:00–22:17 | 3h 17m | AN ₊ bis M ₇ | | 22:17 | 10:22 | 06:19 | 36m | 06:55 | 37m | 07:32 | 36m | 08:09 | 9h 01m | 17:10 | 36m | 17:46 | 37m | 18:23 | 36m | 19:00 | 14h 57m | 11h 18m | | | | Sa, 18. Jan |
| So, 19. Jan | | 19:01–23:23 | 4h 22m | AN ₊ bis M ₇ | | 23:23 | 10:36 | 06:18 | 36m | 06:55 | 36m | 07:32 | 36m | 08:08 | 9h 03m | 17:11 | 36m | 17:47 | 37m | 18:24 | 36m | 19:01 | 14h 55m | 11h 16m | | | | So, 19. Jan |
| Mo, 20. Jan | | 19:02–00:29* | 5h 27m | AN ₊ bis M ₇ | | —:— | 10:50 | 06:17 | 36m | 06:54 | 36m | 07:31 | 36m | 08:07 | 9h 05m | 17:13 | 36m | 17:49 | 36m | 18:26 | 36m | 19:02 | 14h 53m | 11h 14m | | | | Mo, 20. Jan |
| Di, 21. Jan | | 19:03–01:36* | 6h 32m | AN ₊ bis M ₇ | ☾ | 00:29 | 11:04 | 06:17 | 36m | 06:53 | 36m | 07:30 | 36m | 08:06 | 9h 08m | 17:14 | 36m | 17:50 | 36m | 18:27 | 36m | 19:03 | 14h 51m | 11h 12m | | | | Di, 21. Jan |
| Mi, 22. Jan | | 19:05–02:45* | 7h 40m | AN ₊ bis M ₇ | | 01:36 | 11:21 | 06:16 | 36m | 06:52 | 36m | 07:29 | 35m | 08:05 | 9h 10m | 17:16 | 35m | 17:51 | 36m | 18:28 | 36m | 19:05 | 14h 48m | 11h 10m | | | | Mi, 22. Jan |
| Do, 23. Jan | | 19:06–03:56* | 8h 49m | AN ₊ bis M ₇ | | 02:45 | 11:42 | 06:15 | 36m | 06:52 | 36m | 07:28 | 35m | 08:04 | 9h 12m | 17:17 | 35m | 17:53 | 36m | 18:30 | 36m | 19:06 | 14h 46m | 11h 08m | | | | Do, 23. Jan |
| Fr, 24. Jan | | 19:07–05:05* | 9h 57m | AN ₊ bis M ₇ | | 03:56 | 12:10 | 06:15 | 36m | 06:51 | 36m | 07:27 | 35m | 08:03 | 9h 15m | 17:19 | 35m | 17:54 | 36m | 18:31 | 36m | 19:07 | 14h 43m | 11h 06m | | | | Fr, 24. Jan |
| Sa, 25. Jan | | 19:08–06:09* | 11h 01m | AN ₊ bis M ₇ | | 05:05 | 12:47 | 06:14 | 36m | 06:50 | 36m | 07:27 | 35m | 08:02 | 9h 17m | 17:20 | 35m | 17:56 | 36m | 18:32 | 36m | 19:08 | 14h 41m | 11h 04m | | | | Sa, 25. Jan |
| So, 26. Jan | | 19:10–06:12* | 11h 02m | AN ₊ bis AN ₋ | | 06:09 | 13:36 | 06:13 | 36m | 06:49 | 36m | 07:26 | 35m | 08:01 | 9h 20m | 17:22 | 35m | 17:57 | 36m | 18:34 | 36m | 19:10 | 14h 38m | 11h 02m | | | | So, 26. Jan |
| Mo, 27. Jan | | 19:11–06:11* | 11h 00m | AN< | | | | | | | | | | | | | | | | | | | | | | | | |