

Mond- und Dämmerungstabelle 2023

für die visuelle Deep-Sky-Beobachtung

Osterholz-Scharmbeck 53.2269° N 8.7947° 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 | 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 | | |
| So, 1. Jan | | 04:20*–06:28* | 2h 07m | M _\ bis AN _\ | | 12:50 | 03:02 | 06:28 | 42m | 07:10 | 43m | 07:54 | 44m | 08:38 | 7h 38m | 16:17 | 44m | 17:02 | 43m | 17:46 | 42m | 18:28 | 16h 21m | 11h 59m | | | | So, 1. Jan |
| Mo, 2. Jan | | 05:38*–06:28* | 49m | M _\ bis AN _\ | | 13:05 | 04:20 | 06:28 | 42m | 07:10 | 43m | 07:54 | 44m | 08:38 | 7h 40m | 16:18 | 44m | 17:03 | 43m | 17:47 | 42m | 18:29 | 16h 19m | 11h 58m | | | | Mo, 2. Jan |
| Di, 3. Jan | | —:—:—:— | – | Mond stört | | 13:25 | 05:38 | 06:28 | 42m | 07:10 | 43m | 07:53 | 44m | 08:38 | 7h 41m | 16:20 | 44m | 17:04 | 43m | 17:48 | 42m | 18:30 | 16h 18m | 11h 57m | | | | Di, 3. Jan |
| Mi, 4. Jan | | —:—:—:— | – | Mond stört | | 13:52 | 06:53 | 06:27 | 42m | 07:10 | 43m | 07:53 | 44m | 08:38 | 7h 42m | 16:21 | 44m | 17:05 | 43m | 17:49 | 42m | 18:31 | 16h 16m | 11h 56m | | | | Mi, 4. Jan |
| Do, 5. Jan | | —:—:—:— | – | Mond stört | | 14:30 | 08:01 | 06:27 | 42m | 07:09 | 43m | 07:53 | 44m | 08:37 | 7h 44m | 16:22 | 44m | 17:06 | 43m | 17:50 | 42m | 18:32 | 16h 15m | 11h 55m | | | | Do, 5. Jan |
| Fr, 6. Jan | | —:~:~:~:~ | – | Mond stört | | 15:21 | 08:57 | 06:27 | 42m | 07:09 | 43m | 07:53 | 44m | 08:37 | 7h 46m | 16:23 | 44m | 17:08 | 43m | 17:51 | 42m | 18:33 | 16h 13m | 11h 53m | | | | Fr, 6. Jan |
| Sa, 7. Jan | | —:~:~:~:~ | – | Mond stört | ○ | 16:23 | 09:39 | 06:27 | 41m | 07:09 | 43m | 07:52 | 44m | 08:37 | 7h 48m | 16:25 | 44m | 17:09 | 43m | 17:52 | 42m | 18:34 | 16h 11m | 11h 52m | | | | Sa, 7. Jan |
| So, 8. Jan | | —:~:~:~:~ | – | Mond stört | | 17:34 | 10:09 | 06:27 | 41m | 07:09 | 43m | 07:52 | 43m | 08:36 | 7h 49m | 16:26 | 44m | 17:10 | 43m | 17:53 | 41m | 18:35 | 16h 09m | 11h 50m | | | | So, 8. Jan |
| Mo, 9. Jan | | 18:37–18:48 | 11m | AN ₊ bis M ₇ | | 18:48 | 10:30 | 06:26 | 41m | 07:08 | 43m | 07:52 | 43m | 08:35 | 7h 51m | 16:27 | 43m | 17:11 | 43m | 17:55 | 41m | 18:37 | 16h 07m | 11h 49m | | | | Mo, 9. Jan |
| Di, 10. Jan | | 18:38–20:02 | 1h 24m | AN ₊ bis M ₇ | | 20:02 | 10:46 | 06:26 | 41m | 07:08 | 43m | 07:51 | 43m | 08:35 | 7h 54m | 16:29 | 43m | 17:13 | 43m | 17:56 | 41m | 18:38 | 16h 05m | 11h 47m | | | | Di, 10. Jan |
| Mi, 11. Jan | | 18:39–21:15 | 2h 36m | AN ₊ bis M ₇ | | 21:15 | 10:59 | 06:26 | 41m | 07:07 | 43m | 07:51 | 43m | 08:34 | 7h 56m | 16:30 | 43m | 17:14 | 43m | 17:57 | 41m | 18:39 | 16h 03m | 11h 46m | | | | Mi, 11. Jan |
| Do, 12. Jan | | 18:40–22:29 | 3h 48m | AN ₊ bis M ₇ | | 22:29 | 11:09 | 06:25 | 41m | 07:07 | 43m | 07:50 | 43m | 08:33 | 7h 58m | 16:32 | 43m | 17:15 | 43m | 17:58 | 41m | 18:40 | 16h 00m | 11h 44m | | | | Do, 12. Jan |
| Fr, 13. Jan | | 18:42–23:43 | 5h 01m | AN ₊ bis M ₇ | | 23:43 | 11:19 | 06:25 | 41m | 07:06 | 42m | 07:49 | 43m | 08:33 | 8h 00m | 16:34 | 43m | 17:17 | 43m | 18:00 | 41m | 18:42 | 15h 58m | 11h 42m | | | | Fr, 13. Jan |
| Sa, 14. Jan | | 18:43–00:59* | 6h 16m | AN ₊ bis M ₇ | | —:— | 11:28 | 06:24 | 41m | 07:06 | 42m | 07:49 | 43m | 08:32 | 8h 03m | 16:35 | 43m | 17:18 | 42m | 18:01 | 41m | 18:43 | 15h 55m | 11h 40m | | | | Sa, 14. Jan |
| So, 15. Jan | | 18:44–02:20* | 7h 35m | AN ₊ bis M ₇ | ● | 00:59 | 11:39 | 06:24 | 41m | 07:05 | 42m | 07:48 | 42m | 08:31 | 8h 05m | 16:37 | 43m | 17:20 | 42m | 18:03 | 41m | 18:44 | 15h 53m | 11h 38m | | | | So, 15. Jan |
| Mo, 16. Jan | | 18:45–03:45* | 8h 59m | AN ₊ bis M ₇ | | 02:20 | 11:52 | 06:23 | 41m | 07:04 | 42m | 07:47 | 42m | 08:30 | 8h 08m | 16:38 | 42m | 17:21 | 42m | 18:04 | 41m | 18:45 | 15h 50m | 11h 36m | | | | Mo, 16. Jan |
| Di, 17. Jan | | 18:47–05:15* | 10h 27m | AN ₊ bis M ₇ | | 03:45 | 12:10 | 06:22 | 41m | 07:04 | 42m | 07:46 | 42m | 08:29 | 8h 11m | 16:40 | 42m | 17:23 | 42m | 18:05 | 41m | 18:47 | 15h 47m | 11h 34m | | | | Di, 17. Jan |
| Mi, 18. Jan | | 18:48–06:21* | 11h 32m | AN ₊ bis AN _\ | | 05:15 | 12:37 | 06:22 | 41m | 07:03 | 42m | 07:45 | 42m | 08:28 | 8h 13m | 16:42 | 42m | 17:24 | 42m | 18:07 | 41m | 18:48 | 15h 44m | 11h 32m | | | | Mi, 18. Jan |
| Do, 19. Jan | | 18:50–06:20* | 11h 30m | AN ₊ bis AN _\ | | 06:42 | 13:18 | 06:21 | 41m | 07:02 | 42m | 07:44 | 42m | 08:27 | 8h 16m | 16:44 | 42m | 17:26 | 42m | 18:08 | 41m | 18:50 | 15h 42m | 11h 30m | | | | Do, 19. Jan |
| Fr, 20. Jan | | 18:51–06:19* | 11h 28m | AN ₊ bis AN _\ | | 07:57 | 14:21 | 06:20 | 41m | 07:01 | 42m | 07:43 | 42m | 08:26 | 8h 19m | 16:45 | 42m | 17:28 | 42m | 18:10 | 41m | 18:51 | 15h 39m | 11h 28m | | | | Fr, 20. Jan |
| Sa, 21. Jan | | 18:53–06:18* | 11h 25m | AN ₊ bis AN _\ | ● | 08:52 | 15:45 | 06:19 | 41m | 07:00 | 42m | 07:42 | 42m | 08:24 | 8h 22m | 16:47 | 42m | 17:29 | 42m | 18:11 | 41m | 18:53 | 15h 36m | 11h 25m | | | | Sa, 21. Jan |
| So, 22. Jan | | 18:54–06:17* | 11h 23m | AN ₊ bis AN _\ | | 09:28 | 17:22 | 06:18 | 41m | 06:59 | 42m | 07:41 | 41m | 08:23 | 8h 25m | 16:49 | 41m | 17:31 | 42m | 18:13 | 41m | 18:54 | 15h 33m | 11h 23m | | | | So, 22. Jan |
| Mo, 23. Jan | | 19:00–06:16* | 11h 16m | M _\ bis AN _\ | | 09:52 | 19:00 | 06:17 | 41m | 06:58 | 41m | 07:40 | 41m | 08:22 | 8h 28m | 16:51 | 41m | 17:32 | 41m | 18:14 | 41m | 18:55 | 15h 29m | 11h 20m | | | | Mo, 23. Jan |
| Di, 24. Jan | | 20:33–06:15* | 9h 42m | M _\ bis AN _\ | | 10:09 | 20:33 | 06:16 | 40m | 06:57 | 41m | 07:39 | 41m | 08:21 | 8h 31m | 16:53 | 41m | 17:34 | 41m | 18:16 | 41m | 18:57 | 15h 26m | 11h 18m | | | | Di, 24. Jan |
| Mi, 25. Jan | | 22:01–06:14* | 8h 12m | M _\ bis AN _\ | | 10:22 | 22:01 | 06:15 | 40m | 06:56 | 41m | 07:38 | 41m | 08:19 | 8h 35m | 16:54 | 41m | 17:36 | 41m | 18:18 | 40m | 18:59 | 15h 23m | 11h 15m | | | | Mi, 25. Jan |
| Do, 26. Jan | | 23:26–06:13* | 6h 47m | M _\ bis AN _\ | | 10:33 | 23:26 | 06:14 | 40m | 06:55 | 41m | 07:37 | 41m | 08:18 | 8h 38m | 16:56 | 41m | 17:38 | 41m | 18:19 | 40m | 19:00 | 15h 20m | 11h 13m | | | | Do, 26. Jan |
| Fr, 27. Jan | | 00:48*–06:12* | 5h 24m | M _\ bis AN _\ | | 10:44 | —:— | 06:13 | 40m | 06:54 | 41m | 07:35 | 41m | 08:16 | 8h 41m | 16:58 | 41m | 17:39 | 41m | 18:21 | 40m | 19:02 | 15h 16m | 11h 10m | | | | Fr, 27. Jan |
| Sa, 28. Jan | | 02:08*–06:11* | 4h 02m | M _\ bis AN _\ | ● | 10:56 | 00:48 | 06:12 | 40m | 06:53 | 41m | 07:34 | 40m | 08:15 | 8h 45m | 17:00 | 40m | 17:41 | 41m | 18:22 | 40m | 19:03 | 15h 13m | 11h 07m | | | | Sa, 28. Jan |
| So, 29. Jan | | 03:28*–06:09* | 2h 41m | M _\ bis AN _\ | | 11:10 | 02:08 | 06:11 | 40m | 06:51 | 41m | 07:33 | 40m | 08:13 | 8h 48m | 17:02 | 40m | 17:43 | 41m | 18:24 | 40m | 19:05 | 15h 09m | 11h 04m | | | | So, 29. Jan |
| Mo, 30. Jan | | 04:44*–06:08* | 1h 23m | M _\ bis AN _\ | | 11:28 | 03:28 | 06:09 | 40m | 06:50 | 41m | 07:31 | 40m | 08:12 | 8h 52m | 17:04 | 40m | 17:44 | 41m | 18:26 | 40m | 19:06 | 15h 06m | 11h 01m | | | | Mo, 30. Jan |
| Di, 31. Jan | | 05:54*–06:07* | 12m | M _\ bis AN _\ | | 11:53 | 04:44 | 06:08 | 40m | 06:49 | 41m | 07:30 | 40m | 08:10 | 8h 55m | 17:06 | 40m | 17:46 | 41m | 18:27 | 40m | 19:08 | 15h 02m | 10h 58m | | | | Di, 31. Jan |
| Mi, 1. Feb | | —:~:~:~:~ | – | Mond stört | | 12:27 | 05:54 | 06:07 | 40m | 06:47 | 40m | 07:28 | 40m | 08:09 | 8h 59m | 17:08 | 40m | 17:48 | 41m | 18:29 | 40m | 19:10 | 14h 59m | 10h 55m | | | | Mi, 1. Feb |
| Do, 2. Feb | | —:~:~:~:~ | – | Mond stört | | 13:14 | 06:54 | 06:06 | 40m | 06:46 | 40m | 07:27 | 40m | 08:07 | 9h 02m | 17:10 | 40m | 17:50 | 40m | 18:31 | 40m | 19:11 | 14h 55m | 10h 52m | | | | Do, 2. Feb |
| Fr, 3. Feb | | —:~:~:~:~ | – | Mond stört | | 14:14 | 07:39 | 06:04 | 40m | 06:45 | 40m | 07:25 | 39m | 08:05 | 9h 06m | 17:12 | 39m | 17:52 | 40m | 18:32 | 40m | 19:13 | 14h 51m | 10h 49m | | | | Fr, 3. Feb |
| Sa, 4. Feb | | —:~:~:~:~ | – | Mond stört | | 15:23 | 08:13 | 06:03 | 40m | 06:43 | 40m | 07:24 | 39m | 08:03 | 9h 10m | 17:14 | 39m | 17:53 | 40m | 18:34 | 40m | 19:15 | 14h 48m | 10h 46m | | | | Sa, 4. Feb |
| So, 5. Feb | | —:~:~:~:~ | – | Mond stört | ○ | 16:36 | 08:36 | 06:01 | 40m | 06:42 | 40m | 07:22 | 39m | 08:02 | 9h 13m | 17:16 | 39m | 17:55 | 40m | 18:36 | 40m | 19:16 | 14h 44m | 10h 43m | | | | So, 5. Feb |
| Mo, 6. Feb | | —:~:~:~:~ | – | Mond stört | | 17:51 | 08:53 | 06:00 | 40m | 06:40 | 40m | 07:20 | 39m | 08:00 | 9h 17m | 17:17 | 39m | 17:57 | 40m | 18:37 | 40m | 19:18 | 14h 40m | 10h 40m | | | | Mo, 6. Feb |
| Di, 7. Feb | | —:~:~:~:~ | – | Mond stört | | 19:05 | 09:07 | 05:58 | 40m | 06:38 | 40m | 07:19 | 39m | 07:58 | 9h 21m | 17:19 | 39m | 17:59 | 40m | 18:39 | 40m | 19:20 | 14h 36m | 10h 36m | | | | Di, 7. Feb |
| Mi, 8. Feb | | 19:21–20:19 | 57m | AN ₊ bis M ₇ | | 20:19 | 09:17 | 05:57 | 40m | 06:37 | 40m | 07:17 | 39m | 07:56 | 9h 25m | 17:21 | 39m | 18:01 | 40m | 18:41 | 40m | 19:21 | 14h 32m | 10h 33m | | | | Mi, 8. Feb |
| Do, 9. Feb | | 19:23–21:32 | 2h 09m | AN ₊ bis M ₇ | | 21:32 | 09:27 | 05:55 | 40m | 06:35 | 40m | 07:15 | 39m | 07:54 | 9h 28m | 17:23 | 39m | 18:02 | 40m | 18:43 | 40m | 19:23 | 14h 29m | 10h 30m | | | | Do, 9. Feb |
| Fr, 10. Feb | | 19:25–22:47 | 3h 22m | AN ₊ bis M ₇ | | 22:47 | 09:36 | 05:53 | 40m | 06:33 | 40m | 07:14 | 38m | 07:52 | 9h 32m | 17:25 | 38m | 18:04 | 40m | 18:44 | 40m | 19:25 | 14h 25m | 10h 26m | | | | Fr, 10. Feb |
| Sa, 11. Feb | | 19:26–00:05* | 4h 38m | AN ₊ bis M ₇ | | —:— | 09:46 | 05:52 | 40m | 06:32 | 40m | 07:12 | 38m | 07:51 | 9h 36m | 17:27 | 38m | 18:06 | 40m | 18:46 | 40m | 19:26 | 14h 21m | 10h 23m | | | | Sa, 11. Feb |
| So, 12. Feb | | 19:28–01:27* | 5h 58m | AN ₊ bis M ₇ | | 00:05 | 09:58 | 05:50 | 40m | 06:30 | 39m | 07:10 | 38m | 07:49 | 9h 40m | 17:29 | 38m | 18:08 | 40m | 18:48 | 40m | 19:28 | | | | | | |

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

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

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

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

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

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

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