

# Mond- und Dämmerungstabelle 2025

## für die visuelle Deep-Sky-Beobachtung

Tulln an der Donau 48.3333° N 16.0500° E

Berechnung: pyEphem  
Textsatz: L<sup>A</sup>T<sub>E</sub>X

### 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  $-18^\circ$ ) 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<sub>+</sub> (Einbruch der astronomischen Nacht = Ende der astr. Abenddämmerung), M<sub>v</sub> (Monduntergang), AN<sub>-</sub> (Ende der astronomischen Nacht = Beginn der astr. Morgendämmerung), M<sub>7</sub>

(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 =  $-18^\circ$ ).

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

**Spalte 11** Beginn der naut. Morgendämmerung (Sonnenhöhe =  $-12^\circ$ ).

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

**Spalte 13** Beginn der bürg. Morgendämmerung (Sonnenhöhe =  $-6^\circ$ ).

**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 =  $-6^\circ$ ).

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

**Spalte 21** Ende der naut. Abenddämmerung (Sonnenhöhe =  $-12^\circ$ ).

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

**Spalte 23** Ende der astr. Abenddämmerung (Sonnenhöhe =  $-18^\circ$ ).

**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  $-12^\circ$ ) und kein Mond stört.

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

**Spalte 28** Ereignisse, die die nutzbare Zeitspanne begrenzen: ND<sub>+</sub> (Beginn der »naut. Dunkelheit« = Ende der naut. Abenddämmerung), M<sub>v</sub> (Monduntergang), ND<sub>-</sub> (Ende der »naut. Dunkelheit« = Beginn der naut. Morgendämmerung), M<sub>7</sub> (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	
2025	Zeit- zone	Astr. dunkel und kein Mond			Mond			Beginn der Morgendämmerung					Sonne			Ende der Abenddämmerung					Nacht	Astr. N.	Naut. dunkel und kein Mond			2025			
			$\Delta t$		Ph.	$\nearrow$	$\searrow$	Astr.	$\Delta t$	Naut.	$\Delta t$	Bürg.	$\Delta t$	$\nearrow$	$\Delta t$	$\searrow$	$\Delta t$	Bürg.	$\Delta t$	Naut.	$\Delta t$	Astr.	$\Delta t$	$\Delta t$		$\Delta t$			
Mi, 1. Jan		18:07–05:51*	11h 43m	AN <sub>+</sub> bis AN <sub>-</sub>		09:23	17:38	05:51	37m	06:29	38m	07:07	38m	07:46	8h 25m	16:12	38m	16:51	38m	17:30	37m	18:07	15h 34m	11h 43m					Mi, 1. Jan
Do, 2. Jan		18:59–05:51*	10h 51m	M <sub>\</sub> bis AN <sub>-</sub>		09:51	18:59	05:51	37m	06:29	38m	07:07	38m	07:46	8h 26m	16:13	38m	16:52	38m	17:30	37m	18:08	15h 32m	11h 42m					Do, 2. Jan
Fr, 3. Jan		20:21–05:51*	9h 29m	M <sub>\</sub> bis AN <sub>-</sub>		10:13	20:21	05:51	37m	06:29	38m	07:07	38m	07:46	8h 28m	16:14	38m	16:53	38m	17:31	37m	18:09	15h 31m	11h 41m					Fr, 3. Jan
Sa, 4. Jan		21:42–05:51*	8h 08m	M <sub>\</sub> bis AN <sub>-</sub>		10:32	21:42	05:51	37m	06:29	38m	07:07	38m	07:46	8h 29m	16:15	38m	16:54	38m	17:32	37m	18:10	15h 30m	11h 40m					Sa, 4. Jan
So, 5. Jan		23:02–05:51*	6h 48m	M <sub>\</sub> bis AN <sub>-</sub>		10:48	23:02	05:51	37m	06:29	38m	07:07	38m	07:46	8h 30m	16:16	38m	16:55	38m	17:33	37m	18:11	15h 29m	11h 39m					So, 5. Jan
Mo, 6. Jan		00:22*–05:51*	5h 28m	M <sub>\</sub> bis AN <sub>-</sub>		11:03	—:—	05:51	37m	06:28	38m	07:07	38m	07:45	8h 32m	16:17	38m	16:56	38m	17:34	37m	18:12	15h 27m	11h 38m					Mo, 6. Jan
Di, 7. Jan		01:44*–05:50*	4h 06m	M <sub>\</sub> bis AN <sub>-</sub>	☾	11:20	00:22	05:51	37m	06:28	38m	07:07	38m	07:45	8h 33m	16:19	38m	16:57	38m	17:35	37m	18:13	15h 26m	11h 37m					Di, 7. Jan
Mi, 8. Jan		03:09*–05:50*	2h 41m	M <sub>\</sub> bis AN <sub>-</sub>		11:39	01:44	05:50	37m	06:28	38m	07:07	38m	07:45	8h 35m	16:20	38m	16:58	38m	17:36	37m	18:14	15h 24m	11h 36m					Mi, 8. Jan
Do, 9. Jan		04:33*–05:50*	1h 16m	M <sub>\</sub> bis AN <sub>-</sub>		12:04	03:09	05:50	37m	06:28	38m	07:06	38m	07:44	8h 36m	16:21	38m	16:59	38m	17:38	37m	18:15	15h 22m	11h 34m					Do, 9. Jan
Fr, 10. Jan		—:—:—:—	–	Mond stört		12:37	04:33	05:50	37m	06:28	38m	07:06	37m	07:44	8h 38m	16:22	37m	17:00	38m	17:39	37m	18:16	15h 21m	11h 33m					Fr, 10. Jan
Sa, 11. Jan		—:—:—:—	–	Mond stört		13:22	05:53	05:50	37m	06:27	38m	07:06	37m	07:43	8h 40m	16:24	37m	17:01	38m	17:40	37m	18:17	15h 19m	11h 32m					Sa, 11. Jan
So, 12. Jan		—:—:~:~:~	–	Mond stört		14:21	07:01	05:49	37m	06:27	38m	07:05	37m	07:43	8h 42m	16:25	37m	17:03	38m	17:41	37m	18:18	15h 17m	11h 30m					So, 12. Jan
Mo, 13. Jan		—:~:~:~:~	–	Mond stört	☉	15:33	07:54	05:49	37m	06:26	38m	07:05	37m	07:42	8h 43m	16:26	37m	17:04	38m	17:42	37m	18:20	15h 15m	11h 29m					Mo, 13. Jan
Di, 14. Jan		—:~:~:~:~	–	Mond stört		16:50	08:32	05:49	37m	06:26	38m	07:04	37m	07:42	8h 45m	16:28	37m	17:05	38m	17:43	37m	18:21	15h 13m	11h 27m					Di, 14. Jan
Mi, 15. Jan		—:~:~:~:~	–	Mond stört		18:08	08:59	05:48	37m	06:25	38m	07:03	37m	07:41	8h 47m	16:29	37m	17:06	38m	17:44	37m	18:22	15h 11m	11h 25m					Mi, 15. Jan
Do, 16. Jan		18:23–19:23	59m	AN <sub>+</sub> bis M <sub>7</sub>		19:23	09:19	05:48	37m	06:25	37m	07:03	37m	07:40	8h 50m	16:30	37m	17:08	37m	17:46	37m	18:23	15h 09m	11h 24m					Do, 16. Jan
Fr, 17. Jan		18:24–20:34	2h 09m	AN <sub>+</sub> bis M <sub>7</sub>		20:34	09:36	05:47	37m	06:24	37m	07:02	37m	07:39	8h 52m	16:32	37m	17:09	37m	17:47	37m	18:24	15h 06m	11h 22m					Fr, 17. Jan
Sa, 18. Jan		18:25–21:42	3h 16m	AN <sub>+</sub> bis M <sub>7</sub>		21:42	09:50	05:47	37m	06:24	37m	07:02	37m	07:39	8h 54m	16:33	37m	17:10	37m	17:48	37m	18:25	15h 04m	11h 20m					Sa, 18. Jan
So, 19. Jan		18:27–22:49	4h 22m	AN <sub>+</sub> bis M <sub>7</sub>		22:49	10:02	05:46	37m	06:23	37m	07:01	37m	07:38	8h 56m	16:35	37m	17:12	37m	17:50	37m	18:27	15h 02m	11h 18m					So, 19. Jan
Mo, 20. Jan		18:28–23:56	5h 28m	AN <sub>+</sub> bis M <sub>7</sub>		23:56	10:15	05:45	37m	06:22	37m	07:00	36m	07:37	8h 59m	16:36	36m	17:13	37m	17:51	37m	18:28	14h 59m	11h 16m					Mo, 20. Jan
Di, 21. Jan		18:29–01:04*	6h 34m	AN <sub>+</sub> bis M <sub>7</sub>	☾	—:—	10:29	05:45	37m	06:22	37m	06:59	36m	07:36	9h 01m	16:38	36m	17:15	37m	17:52	37m	18:29	14h 57m	11h 14m					Di, 21. Jan
Mi, 22. Jan		18:30–02:14*	7h 43m	AN <sub>+</sub> bis M <sub>7</sub>		01:04	10:45	05:44	36m	06:21	37m	06:58	36m	07:35	9h 04m	16:39	36m	17:16	37m	17:53	37m	18:30	14h 54m	11h 12m					Mi, 22. Jan
Do, 23. Jan		18:32–03:25*	8h 53m	AN <sub>+</sub> bis M <sub>7</sub>		02:14	11:05	05:43	36m	06:20	37m	06:57	36m	07:34	9h 06m	16:41	36m	17:17	37m	17:55	36m	18:32	14h 52m	11h 10m					Do, 23. Jan
Fr, 24. Jan		18:33–04:36*	10h 02m	AN <sub>+</sub> bis M <sub>7</sub>		03:25	11:31	05:42	36m	06:19	37m	06:57	36m	07:33	9h 09m	16:42	36m	17:19	37m	17:56	36m	18:33	14h 49m	11h 08m					Fr, 24. Jan
Sa, 25. Jan		18:34–05:41*	11h 06m	AN <sub>+</sub> bis AN <sub>-</sub>		04:36	12:07	05:41	36m	06:18	37m	06:56	36m	07:32	9h 11m	16:44	36m	17:20	37m	17:58	36m	18:34	14h 46m	11h 06m					Sa, 25. Jan
So, 26. Jan		18:36–05:40*	11h 04m	AN <sub>+</sub> bis AN <sub>-</sub>		05:41	12:56	05:41	36m	06:17	37m	06:55	36m	07:31	9h 14m	16:45	36m	17:22	37m	17:59	36m	18:36	14h 44m	11h 04m					So, 26. Jan
Mo, 27. Jan		18:37–05:39*	11h 01m	AN <sub>+</sub> bis AN <sub>-</sub>		06:36	13:59	05:40	36m	06:16	37m	06:54	36m	07:30	9h 17m	16:47	36m	17:23	37m	18:00	36m	18:37	14h 41m	11h 01m					Mo, 27. Jan
Di, 28. Jan		18:38–05:38*	10h 59m	AN <sub>+</sub> bis AN <sub>-</sub>		07:19	15:15	05:39	36m	06:15	37m	06:52	36m	07:28	9h 20m	16:49	36m	17:25	37m	18:02	36m	18:38	14h 38m	10h 59m					Di, 28. Jan
Mi, 29. Jan		18:40–05:37*	10h 57m	AN <sub>+</sub> bis AN <sub>-</sub>	☾	07:52	16:37	05:38	36m	06:14	36m	06:51	35m	07:27	9h 22m	16:50	35m	17:26	36m	18:03	36m	18:40	14h 35m	10h 57m					Mi, 29. Jan
Do, 30. Jan		18:41–05:36*	10h 54m	AN <sub>+</sub> bis AN <sub>-</sub>		08:17	18:02	05:37	36m	06:13	36m	06:50	35m	07:26	9h 25m	16:52	35m	17:28	36m	18:04	36m	18:41	14h 32m	10h 54m					Do, 30. Jan
Fr, 31. Jan		19:25–05:35*	10h 09m	M <sub>\</sub> bis AN <sub>-</sub>		08:37	19:25	05:36	36m	06:12	36m	06:49	35m	07:25	9h 28m	16:53	35m	17:29	36m	18:06	36m	18:42	14h 29m	10h 52m					Fr, 31. Jan
Sa, 1. Feb		20:48–05:33*	8h 45m	M <sub>\</sub> bis AN <sub>-</sub>		08:54	20:48	05:35	36m	06:11	36m	06:48	35m	07:23	9h 31m	16:55	35m	17:31	36m	18:07	36m	18:44	14h 27m	10h 49m					Sa, 1. Feb
So, 2. Feb		22:10–05:32*	7h 22m	M <sub>\</sub> bis AN <sub>-</sub>		09:10	22:10	05:33	36m	06:10	36m	06:47	35m	07:22	9h 34m	16:57	35m	17:32	36m	18:09	36m	18:45	14h 24m	10h 47m					So, 2. Feb
Mo, 3. Feb		23:33–05:31*	5h 58m	M <sub>\</sub> bis AN <sub>-</sub>		09:26	23:33	05:32	36m	06:09	36m	06:45	35m	07:21	9h 37m	16:58	35m	17:34	36m	18:10	36m	18:47	14h 20m	10h 44m					Mo, 3. Feb
Di, 4. Feb		00:57*–05:30*	4h 32m	M <sub>\</sub> bis AN <sub>-</sub>		09:44	—:—	05:31	36m	06:07	36m	06:44	35m	07:19	9h 40m	17:00	35m	17:35	36m	18:12	36m	18:48	14h 17m	10h 41m					Di, 4. Feb
Mi, 5. Feb		02:21*–05:29*	3h 07m	M <sub>\</sub> bis AN <sub>-</sub>	☾	10:07	00:57	05:30	36m	06:06	36m	06:43	35m	07:18	9h 43m	17:01	35m	17:37	36m	18:13	36m	18:49	14h 14m	10h 39m					Mi, 5. Feb
Do, 6. Feb		03:42*–05:27*	1h 45m	M <sub>\</sub> bis AN <sub>-</sub>		10:36	02:21	05:29	36m	06:05	36m	06:41	35m	07:16	9h 46m	17:03	35m	17:38	36m	18:14	36m	18:51	14h 11m	10h 36m					Do, 6. Feb
Fr, 7. Feb		04:53*–05:26*	33m	M <sub>\</sub> bis AN <sub>-</sub>		11:16	03:42	05:27	36m	06:04	36m	06:40	34m	07:15	9h 49m	17:05	34m	17:40	36m	18:16	36m	18:52	14h 08m	10h 33m					Fr, 7. Feb
Sa, 8. Feb		—:~:~:~:~	–	Mond stört		12:10	04:53	05:26	36m	06:02	36m	06:38	34m	07:13	9h 53m	17:06	34m	17:41	36m	18:17	36m	18:54	14h 05m	10h 30m					Sa, 8. Feb
So, 9. Feb		—:~:~:~:~	–	Mond stört		13:16	05:49	05:25	36m	06:01	36m	06:37	34m	07:12	9h 56m	17:08	34m	17:43	36m	18:19	36m	18:55	14h 02m	10h 28m					So, 9. Feb
Mo, 10. Feb		—:~:~:~:~	–	Mond stört		14:31	06:31	05:23	36m	05:59	36m	06:35	34m	07:10	9h 59m	17:10	34m	17:44	36m	18:20	36m	18:57	13h 58m	10h 25m					Mo, 10. Feb
Di, 11. Feb		—:~:~:~:~	–	Mond stört		15:48	07:01	05:22	36m	05:58	36m	06:34	34m	07:08	10h 02m	17:11	34m	17:46	36m	18:22	36m	18:58	13h 55m	10h 22m					Di

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
2025	Zeit- zone	Astr. dunkel und kein Mond			Mond			Beginn der Morgendämmerung					Sonne			Ende der Abenddämmerung					Nacht	Astr. N.	Naut. dunkel und kein Mond			2025		
			$\Delta t$		Ph.	$\nearrow$	$\searrow$	Astr.	$\Delta t$	Naut.	$\Delta t$	Bürg.	$\Delta t$	$\nearrow$	$\Delta t$	$\searrow$	$\Delta t$	Bürg.	$\Delta t$	Naut.	$\Delta t$	Astr.	$\Delta t$	$\Delta t$		$\Delta t$		
Do, 20. Feb		19:11–02:19*	7h 07m	AN <sub>+</sub> bis M <sub>7</sub>	☾	01:08	09:30	05:08	36m	05:44	35m	06:19	33m	06:53	10h 32m	17:26	33m	17:59	35m	18:35	36m	19:11	13h 25m	9h 54m				Do, 20. Feb
Fr, 21. Feb		19:13–03:25*	8h 12m	AN <sub>+</sub> bis M <sub>7</sub>		02:19	10:00	05:06	36m	05:42	35m	06:17	33m	06:51	10h 36m	17:27	33m	18:01	35m	18:37	36m	19:13	13h 22m	9h 51m				Fr, 21. Feb
Sa, 22. Feb		19:14–04:25*	9h 10m	AN <sub>+</sub> bis M <sub>7</sub>		03:25	10:42	05:04	36m	05:40	35m	06:16	33m	06:49	10h 39m	17:29	33m	18:03	35m	18:38	36m	19:14	13h 18m	9h 48m				Sa, 22. Feb
So, 23. Feb		19:16–05:01*	9h 44m	AN <sub>+</sub> bis AN <sub>-</sub>		04:25	11:38	05:02	36m	05:38	35m	06:14	33m	06:48	10h 42m	17:30	33m	18:04	35m	18:40	36m	19:16	13h 15m	9h 44m				So, 23. Feb
Mo, 24. Feb		19:17–04:59*	9h 41m	AN <sub>+</sub> bis AN <sub>-</sub>		05:13	12:48	05:01	36m	05:37	35m	06:12	33m	06:46	10h 46m	17:32	33m	18:06	35m	18:41	36m	19:17	13h 11m	9h 41m				Mo, 24. Feb
Di, 25. Feb		19:19–04:57*	9h 38m	AN <sub>+</sub> bis AN <sub>-</sub>		05:49	14:07	04:59	36m	05:35	35m	06:10	33m	06:44	10h 49m	17:34	33m	18:07	35m	18:43	36m	19:19	13h 08m	9h 38m				Di, 25. Feb
Mi, 26. Feb		19:20–04:55*	9h 34m	AN <sub>+</sub> bis AN <sub>-</sub>		06:17	15:32	04:57	36m	05:33	35m	06:08	33m	06:42	10h 53m	17:35	33m	18:09	35m	18:44	36m	19:20	13h 04m	9h 34m				Mi, 26. Feb
Do, 27. Feb		19:22–04:53*	9h 31m	AN <sub>+</sub> bis AN <sub>-</sub>		06:39	16:57	04:55	36m	05:31	35m	06:07	33m	06:40	10h 56m	17:37	33m	18:10	35m	18:46	36m	19:22	13h 01m	9h 31m				Do, 27. Feb
Fr, 28. Feb		19:23–04:51*	9h 27m	AN <sub>+</sub> bis AN <sub>-</sub>	☉	06:58	18:22	04:53	36m	05:29	35m	06:05	33m	06:38	11h 00m	17:38	33m	18:12	35m	18:47	36m	19:23	12h 57m	9h 27m				Fr, 28. Feb
Sa, 1. Mrz		19:47–04:49*	9h 01m	M <sub>\</sub> bis AN <sub>-</sub>		07:14	19:47	04:51	36m	05:27	35m	06:03	33m	06:36	11h 03m	17:40	33m	18:13	35m	18:49	36m	19:25	12h 54m	9h 24m				Sa, 1. Mrz
So, 2. Mrz		21:13–04:47*	7h 34m	M <sub>\</sub> bis AN <sub>-</sub>		07:31	21:13	04:49	36m	05:26	35m	06:01	33m	06:34	11h 07m	17:41	33m	18:15	35m	18:50	36m	19:27	12h 50m	9h 20m				So, 2. Mrz
Mo, 3. Mrz		22:40–04:45*	6h 05m	M <sub>\</sub> bis AN <sub>-</sub>		07:49	22:40	04:47	36m	05:24	35m	05:59	33m	06:32	11h 10m	17:43	33m	18:16	35m	18:52	36m	19:28	12h 47m	9h 17m				Mo, 3. Mrz
Di, 4. Mrz		00:07*–04:43*	4h 36m	M <sub>\</sub> bis AN <sub>-</sub>		08:10	—:—	04:45	36m	05:22	35m	05:57	33m	06:30	11h 14m	17:44	33m	18:18	35m	18:53	36m	19:30	12h 43m	9h 13m				Di, 4. Mrz
Mi, 5. Mrz		01:31*–04:41*	3h 09m	M <sub>\</sub> bis AN <sub>-</sub>		08:38	00:07	04:43	36m	05:20	35m	05:55	33m	06:28	11h 17m	17:46	33m	18:19	35m	18:55	36m	19:31	12h 40m	9h 09m				Mi, 5. Mrz
Do, 6. Mrz		02:46*–04:39*	1h 52m	M <sub>\</sub> bis AN <sub>-</sub>	☽	09:15	01:31	04:41	36m	05:18	35m	05:53	33m	06:26	11h 21m	17:48	33m	18:21	35m	18:56	36m	19:33	12h 36m	9h 06m				Do, 6. Mrz
Fr, 7. Mrz		03:47*–04:37*	49m	M <sub>\</sub> bis AN <sub>-</sub>		10:04	02:46	04:39	36m	05:16	35m	05:51	33m	06:24	11h 24m	17:49	33m	18:22	35m	18:58	36m	19:34	12h 33m	9h 02m				Fr, 7. Mrz
Sa, 8. Mrz		04:33*–04:35*	2m	M <sub>\</sub> bis AN <sub>-</sub>		11:07	03:47	04:37	36m	05:14	35m	05:49	33m	06:22	11h 28m	17:51	33m	18:24	35m	18:59	36m	19:36	12h 29m	8h 58m				Sa, 8. Mrz
So, 9. Mrz		—:—:—:—	–	Mond stört		12:19	04:33	04:35	36m	05:12	35m	05:47	33m	06:20	11h 31m	17:52	33m	18:25	35m	19:01	36m	19:38	12h 26m	8h 55m				So, 9. Mrz
Mo, 10. Mrz		—:—:—:—	–	Mond stört		13:35	05:05	04:33	36m	05:10	35m	05:45	33m	06:18	11h 35m	17:54	33m	18:27	35m	19:02	36m	19:39	12h 22m	8h 51m				Mo, 10. Mrz
Di, 11. Mrz		—:—:—:—	–	Mond stört		14:50	05:29	04:31	36m	05:08	35m	05:43	33m	06:16	11h 38m	17:55	33m	18:28	35m	19:04	37m	19:41	12h 19m	8h 47m				Di, 11. Mrz
Mi, 12. Mrz		—:~:~:~:~	–	Mond stört		16:03	05:48	04:29	36m	05:06	35m	05:41	33m	06:14	11h 42m	17:57	33m	18:30	35m	19:05	37m	19:42	12h 15m	8h 43m				Mi, 12. Mrz
Do, 13. Mrz		—:~:~:~:~	–	Mond stört		17:13	06:03	04:26	37m	05:04	35m	05:39	33m	06:12	11h 45m	17:58	33m	18:31	35m	19:07	37m	19:44	12h 11m	8h 40m				Do, 13. Mrz
Fr, 14. Mrz		—:~:~:~:~	–	Mond stört	☽	18:21	06:16	04:24	37m	05:01	35m	05:37	33m	06:10	11h 49m	18:00	33m	18:33	35m	19:08	37m	19:46	12h 08m	8h 36m				Fr, 14. Mrz
Sa, 15. Mrz		—:~:~:~:~	–	Mond stört		19:29	06:28	04:22	37m	04:59	35m	05:35	33m	06:08	11h 53m	18:01	33m	18:34	35m	19:10	37m	19:47	12h 04m	8h 32m				Sa, 15. Mrz
So, 16. Mrz		19:49–20:36	46m	AN <sub>+</sub> bis M <sub>7</sub>		20:36	06:41	04:20	37m	04:57	35m	05:33	33m	06:06	11h 56m	18:03	33m	18:36	35m	19:12	37m	19:49	12h 01m	8h 28m				So, 16. Mrz
Mo, 17. Mrz		19:51–21:45	1h 53m	AN <sub>+</sub> bis M <sub>7</sub>		21:45	06:55	04:18	37m	04:55	35m	05:31	33m	06:04	12h 00m	18:04	33m	18:37	35m	19:13	37m	19:51	11h 57m	8h 24m				Mo, 17. Mrz
Di, 18. Mrz		19:52–22:54	3h 01m	AN <sub>+</sub> bis M <sub>7</sub>		22:54	07:12	04:15	37m	04:53	35m	05:29	33m	06:02	12h 03m	18:06	33m	18:39	35m	19:15	37m	19:52	11h 54m	8h 20m				Di, 18. Mrz
Mi, 19. Mrz		19:54–00:04*	4h 10m	AN <sub>+</sub> bis M <sub>7</sub>		—:—	07:32	04:13	37m	04:51	35m	05:27	33m	06:00	12h 07m	18:07	33m	18:40	36m	19:16	37m	19:54	11h 50m	8h 16m				Mi, 19. Mrz
Do, 20. Mrz		19:56–01:12*	5h 16m	AN <sub>+</sub> bis M <sub>7</sub>		00:04	07:59	04:11	37m	04:49	35m	05:25	33m	05:58	12h 10m	18:09	33m	18:42	36m	19:18	38m	19:56	11h 47m	8h 12m				Do, 20. Mrz
Fr, 21. Mrz		19:58–02:14*	6h 16m	AN <sub>+</sub> bis M <sub>7</sub>		01:12	08:36	04:08	38m	04:46	36m	05:23	33m	05:56	12h 14m	18:10	33m	18:43	36m	19:19	38m	19:58	11h 43m	8h 08m				Fr, 21. Mrz
Sa, 22. Mrz		19:59–03:05*	7h 05m	AN <sub>+</sub> bis M <sub>7</sub>	☽	02:14	09:25	04:06	38m	04:44	36m	05:20	33m	05:54	12h 17m	18:11	33m	18:45	36m	19:21	38m	19:59	11h 40m	8h 04m				Sa, 22. Mrz
So, 23. Mrz		20:01–03:46*	7h 44m	AN <sub>+</sub> bis M <sub>7</sub>		03:05	10:27	04:04	38m	04:42	36m	05:18	33m	05:52	12h 21m	18:13	33m	18:46	36m	19:23	38m	20:01	11h 36m	8h 00m				So, 23. Mrz
Mo, 24. Mrz		20:03–03:59*	7h 56m	AN <sub>+</sub> bis AN <sub>-</sub>		03:46	11:40	04:01	38m	04:40	36m	05:16	33m	05:49	12h 25m	18:14	33m	18:48	36m	19:24	38m	20:03	11h 32m	7h 56m				Mo, 24. Mrz
Di, 25. Mrz		20:05–03:57*	7h 51m	AN <sub>+</sub> bis AN <sub>-</sub>		04:17	13:01	03:59	38m	04:38	36m	05:14	33m	05:47	12h 28m	18:16	33m	18:49	36m	19:26	38m	20:05	11h 29m	7h 51m				Di, 25. Mrz
Mi, 26. Mrz		20:07–03:54*	7h 47m	AN <sub>+</sub> bis AN <sub>-</sub>		04:41	14:24	03:57	38m	04:35	36m	05:12	33m	05:45	12h 32m	18:17	33m	18:51	36m	19:27	39m	20:07	11h 25m	7h 47m				Mi, 26. Mrz
Do, 27. Mrz		20:08–03:52*	7h 43m	AN <sub>+</sub> bis AN <sub>-</sub>		05:00	15:49	03:54	39m	04:33	36m	05:10	33m	05:43	12h 35m	18:19	33m	18:52	36m	19:29	39m	20:08	11h 22m	7h 43m				Do, 27. Mrz
Fr, 28. Mrz		20:10–03:49*	7h 39m	AN <sub>+</sub> bis AN <sub>-</sub>		05:17	17:14	03:52	39m	04:31	36m	05:08	33m	05:41	12h 39m	18:20	33m	18:54	36m	19:31	39m	20:10	11h 18m	7h 39m				Fr, 28. Mrz
Sa, 29. Mrz		20:12–03:47*	7h 34m	AN <sub>+</sub> bis AN <sub>-</sub>	☉	05:34	18:41	03:49	39m	04:29	36m	05:06	33m	05:39	12h 42m	18:22	33m	18:55	36m	19:32	39m	20:12	11h 15m	7h 34m				Sa, 29. Mrz
So, 30. Mrz	MESZ	21:14–04:45*	7h 30m	AN <sub>+</sub> bis AN <sub>-</sub>		06:52	21:10	04:47	39m	05:27	36m	06:04	33m	06:37	12h 46m	19:23	33m	19:57	37m	20:34	39m	21:14	11h 11m	7h 30m				So, 30. Mrz
Mo, 31. Mrz	MESZ	22:41–04:42*	6h 01m	M <sub>\</sub> bis AN <sub>-</sub>		07:12	22:41	04:45	39m	05:24	37m	06:01	33m	06:35	12h 49m	19:25	33m	19:58	37m	20:36	40m	21:16	11h 08m	7h 26m				Mo, 31. Mrz
Di, 1. Apr	MESZ	00:10*–04:40*	4h 29m	M <sub>\</sub> bis AN <sub>-</sub>		07:37	—:—	04:42	40m	05:22	37m	05:59	33m	06:33	12h 53m	19:26	33m	20:00	37m	20:37	40m	21:18	11h 04m	7h 21m				Di, 1. Apr
Mi, 2. Apr	MESZ	01:33*–04:37*	3h 04m	M <sub>\</sub> bis AN <sub>-</sub>		08:11	00:10	04:40	40m	05:20	37m	05:57	33m	06:31	12h 56m	19:28	33m	20:02	37m	20:39	40m	21:20	11h 01m	7h 17m				Mi, 2. Apr
Do, 3. Apr	MESZ	02:4																										

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
2025	Zeit-	Astr. dunkel und kein Mond			Mond			Beginn der Morgendämmerung					Sonne			Ende der Abenddämmerung					Nacht	Astr. N.	Naut. dunkel und kein Mond			2025		
	zone		$\Delta t$		Ph.	$\nearrow$	$\searrow$	Astr.	$\Delta t$	Naut.	$\Delta t$	Bürg.	$\Delta t$	$\nearrow$	$\Delta t$	$\searrow$	$\Delta t$	Bürg.	$\Delta t$	Naut.	$\Delta t$	Astr.	$\Delta t$	$\Delta t$		$\Delta t$		
Fr, 11. Apr	MESZ	—:—:—:—	—	Mond stört		18:18	05:37	04:17	42m	04:59	38m	05:38	34m	06:13	13h 28m	19:41	34m	20:15	38m	20:54	43m	21:38	10h 29m	6h 36m				Fr, 11. Apr
Sa, 12. Apr	MESZ	—:—:—:—	—	Mond stört		19:25	05:49	04:14	43m	04:57	38m	05:36	34m	06:11	13h 31m	19:42	34m	20:17	39m	20:56	43m	21:40	10h 26m	6h 31m				Sa, 12. Apr
So, 13. Apr	MESZ	—:—:—:—	—	Mond stört	○	20:33	06:03	04:11	43m	04:55	39m	05:34	34m	06:09	13h 34m	19:44	34m	20:19	39m	20:58	43m	21:42	10h 23m	6h 27m				So, 13. Apr
Mo, 14. Apr	MESZ	—:—:—:—	—	Mond stört		21:43	06:19	04:09	43m	04:53	39m	05:32	34m	06:07	13h 38m	19:45	35m	20:20	39m	21:00	44m	21:44	10h 19m	6h 22m				Mo, 14. Apr
Di, 15. Apr	MESZ	21:46 – 22:53	1h 07m	AN <sub>+</sub> bis M <sub>7</sub>		22:53	06:38	04:06	44m	04:50	39m	05:30	34m	06:05	13h 41m	19:47	35m	20:22	39m	21:02	44m	21:46	10h 16m	6h 17m				Di, 15. Apr
Mi, 16. Apr	MESZ	21:48 – 00:02*	2h 13m	AN <sub>+</sub> bis M <sub>7</sub>		—:—	07:02	04:04	44m	04:48	39m	05:28	35m	06:03	13h 45m	19:48	35m	20:23	39m	21:03	44m	21:48	10h 12m	6h 12m				Mi, 16. Apr
Do, 17. Apr	MESZ	21:50 – 01:05*	3h 14m	AN <sub>+</sub> bis M <sub>7</sub>		00:02	07:35	04:01	44m	04:46	39m	05:26	35m	06:01	13h 48m	19:50	35m	20:25	40m	21:05	45m	21:50	10h 09m	6h 07m				Do, 17. Apr
Fr, 18. Apr	MESZ	21:53 – 02:00*	4h 06m	AN <sub>+</sub> bis M <sub>7</sub>		01:05	08:19	03:58	45m	04:44	40m	05:24	35m	05:59	13h 51m	19:51	35m	20:27	40m	21:07	45m	21:53	10h 06m	6h 03m				Fr, 18. Apr
Sa, 19. Apr	MESZ	21:55 – 02:43*	4h 48m	AN <sub>+</sub> bis M <sub>7</sub>		02:00	09:16	03:56	45m	04:41	40m	05:22	35m	05:57	13h 55m	19:52	35m	20:28	40m	21:09	46m	21:55	10h 02m	5h 58m				Sa, 19. Apr
So, 20. Apr	MESZ	21:57 – 03:16*	5h 19m	AN <sub>+</sub> bis M <sub>7</sub>		02:43	10:24	03:53	46m	04:39	40m	05:20	35m	05:55	13h 58m	19:54	35m	20:30	40m	21:11	46m	21:57	9h 59m	5h 53m				So, 20. Apr
Mo, 21. Apr	MESZ	21:59 – 03:42*	5h 42m	AN <sub>+</sub> bis M <sub>7</sub>	◐	03:16	11:39	03:50	46m	04:37	40m	05:18	35m	05:53	14h 01m	19:55	35m	20:31	41m	21:12	46m	21:59	9h 56m	5h 48m				Mo, 21. Apr
Di, 22. Apr	MESZ	22:02 – 03:45*	5h 43m	AN <sub>+</sub> bis AN <sub>-</sub>		03:42	12:59	03:48	46m	04:35	41m	05:16	35m	05:52	14h 05m	19:57	36m	20:33	41m	21:14	47m	22:02	9h 52m	5h 43m				Di, 22. Apr
Mi, 23. Apr	MESZ	22:04 – 03:42*	5h 38m	AN <sub>+</sub> bis AN <sub>-</sub>		04:03	14:20	03:45	47m	04:32	41m	05:14	36m	05:50	14h 08m	19:58	36m	20:35	41m	21:16	47m	22:04	9h 49m	5h 38m				Mi, 23. Apr
Do, 24. Apr	MESZ	22:06 – 03:39*	5h 33m	AN <sub>+</sub> bis AN <sub>-</sub>		04:20	15:43	03:42	47m	04:30	41m	05:12	36m	05:48	14h 11m	20:00	36m	20:36	41m	21:18	48m	22:06	9h 46m	5h 33m				Do, 24. Apr
Fr, 25. Apr	MESZ	22:09 – 03:37*	5h 27m	AN <sub>+</sub> bis AN <sub>-</sub>		04:37	17:07	03:39	48m	04:28	41m	05:10	36m	05:46	14h 14m	20:01	36m	20:38	42m	21:20	48m	22:09	9h 43m	5h 27m				Fr, 25. Apr
Sa, 26. Apr	MESZ	22:11 – 03:34*	5h 22m	AN <sub>+</sub> bis AN <sub>-</sub>		04:54	18:34	03:37	48m	04:26	42m	05:08	36m	05:44	14h 18m	20:03	36m	20:39	42m	21:22	49m	22:11	9h 40m	5h 22m				Sa, 26. Apr
So, 27. Apr	MESZ	22:14 – 03:31*	5h 17m	AN <sub>+</sub> bis AN <sub>-</sub>	◑	05:12	20:04	03:34	49m	04:24	42m	05:06	36m	05:43	14h 21m	20:04	36m	20:41	42m	21:24	50m	22:14	9h 36m	5h 17m				So, 27. Apr
Mo, 28. Apr	MESZ	22:16 – 03:29*	5h 12m	AN <sub>+</sub> bis AN <sub>-</sub>		05:35	21:37	03:31	50m	04:21	42m	05:04	36m	05:41	14h 24m	20:06	37m	20:43	43m	21:26	50m	22:16	9h 33m	5h 12m				Mo, 28. Apr
Di, 29. Apr	MESZ	23:06 – 03:26*	4h 20m	M <sub>\</sub> bis AN <sub>-</sub>		06:05	23:06	03:29	50m	04:19	43m	05:02	36m	05:39	14h 27m	20:07	37m	20:44	43m	21:27	51m	22:19	9h 30m	5h 07m				Di, 29. Apr
Mi, 30. Apr	MESZ	00:24* – 03:23*	2h 59m	M <sub>\</sub> bis AN <sub>-</sub>		06:47	—:—	03:26	51m	04:17	43m	05:00	37m	05:38	14h 30m	20:08	37m	20:46	43m	21:29	51m	22:21	9h 27m	5h 01m				Mi, 30. Apr
Do, 1. Mai	MESZ	01:24* – 03:20*	1h 55m	M <sub>\</sub> bis AN <sub>-</sub>		07:43	00:24	03:23	51m	04:15	43m	04:58	37m	05:36	14h 34m	20:10	37m	20:47	43m	21:31	52m	22:24	9h 24m	4h 56m				Do, 1. Mai
Fr, 2. Mai	MESZ	02:08* – 03:18*	1h 09m	M <sub>\</sub> bis AN <sub>-</sub>		08:53	01:24	03:20	52m	04:13	43m	04:57	37m	05:34	14h 37m	20:11	37m	20:49	44m	21:33	53m	22:26	9h 21m	4h 51m				Fr, 2. Mai
Sa, 3. Mai	MESZ	02:38* – 03:15*	36m	M <sub>\</sub> bis AN <sub>-</sub>		10:10	02:08	03:18	53m	04:11	44m	04:55	37m	05:33	14h 40m	20:13	37m	20:51	44m	21:35	53m	22:29	9h 18m	4h 45m				Sa, 3. Mai
So, 4. Mai	MESZ	03:01* – 03:12*	11m	M <sub>\</sub> bis AN <sub>-</sub>	◒	11:28	02:38	03:15	53m	04:09	44m	04:53	37m	05:31	14h 43m	20:14	38m	20:52	44m	21:37	54m	22:32	9h 15m	4h 40m				So, 4. Mai
Mo, 5. Mai	MESZ	—:—:—:—	—	Mond stört		12:43	03:01	03:12	54m	04:06	44m	04:51	38m	05:29	14h 46m	20:16	38m	20:54	45m	21:39	55m	22:34	9h 12m	4h 35m				Mo, 5. Mai
Di, 6. Mai	MESZ	—:—:~:~	—	Mond stört		13:54	03:18	03:09	55m	04:04	45m	04:50	38m	05:28	14h 49m	20:17	38m	20:55	45m	21:41	55m	22:37	9h 09m	4h 29m				Di, 6. Mai
Mi, 7. Mai	MESZ	—:~:~:~	—	Mond stört		15:03	03:32	03:06	55m	04:02	45m	04:48	38m	05:26	14h 52m	20:18	38m	20:57	45m	21:43	56m	22:39	9h 06m	4h 24m				Mi, 7. Mai
Do, 8. Mai	MESZ	—:~:~:~	—	Mond stört		16:10	03:45	03:04	56m	04:00	45m	04:46	38m	05:25	14h 54m	20:20	38m	20:58	46m	21:45	57m	22:42	9h 03m	4h 18m				Do, 8. Mai
Fr, 9. Mai	MESZ	—:~:~:~	—	Mond stört		17:16	03:57	03:01	57m	03:58	46m	04:44	38m	05:23	14h 57m	20:21	38m	21:00	46m	21:47	58m	22:45	9h 00m	4h 13m				Fr, 9. Mai
Sa, 10. Mai	MESZ	—:~:~:~	—	Mond stört		18:24	04:11	02:58	58m	03:56	46m	04:43	38m	05:22	15h 00m	20:22	39m	21:02	46m	21:49	59m	22:48	8h 57m	4h 07m				Sa, 10. Mai
So, 11. Mai	MESZ	—:~:~:~	—	Mond stört		19:33	04:26	02:55	59m	03:54	46m	04:41	39m	05:20	15h 03m	20:24	39m	21:03	47m	21:50	1h 00m	22:50	8h 55m	4h 01m				So, 11. Mai
Mo, 12. Mai	MESZ	—:~:~:~	—	Mond stört	○	20:43	04:44	02:52	1h 00m	03:52	47m	04:40	39m	05:19	15h 06m	20:25	39m	21:05	47m	21:52	1h 00m	22:53	8h 52m	3h 56m				Mo, 12. Mai
Di, 13. Mai	MESZ	—:~:~:~	—	Mond stört		21:52	05:07	02:50	1h 00m	03:50	47m	04:38	39m	05:18	15h 08m	20:26	39m	21:06	48m	21:54	1h 01m	22:56	8h 49m	3h 50m				Di, 13. Mai
Mi, 14. Mai	MESZ	—:~:~:~	—	Mond stört		22:58	05:37	02:47	1h 01m	03:49	48m	04:37	39m	05:16	15h 11m	20:28	39m	21:08	48m	21:56	1h 02m	22:59	8h 47m	3h 44m				Mi, 14. Mai
Do, 15. Mai	MESZ	23:02 – 23:55	53m	AN <sub>+</sub> bis M <sub>7</sub>		23:55	06:18	02:44	1h 02m	03:47	48m	04:35	39m	05:15	15h 14m	20:29	40m	21:09	48m	21:58	1h 03m	23:02	8h 44m	3h 39m				Do, 15. Mai
Fr, 16. Mai	MESZ	23:05 – 00:42*	1h 36m	AN <sub>+</sub> bis M <sub>7</sub>		—:~	07:10	02:41	1h 03m	03:45	48m	04:34	40m	05:14	15h 16m	20:30	40m	21:11	49m	22:00	1h 04m	23:05	8h 42m	3h 33m				Fr, 16. Mai
Sa, 17. Mai	MESZ	23:08 – 01:18*	2h 09m	AN <sub>+</sub> bis M <sub>7</sub>		00:42	08:15	02:38	1h 04m	03:43	49m	04:32	40m	05:12	15h 19m	20:32	40m	21:12	49m	22:02	1h 05m	23:08	8h 39m	3h 27m				Sa, 17. Mai
So, 18. Mai	MESZ	23:11 – 01:45*	2h 34m	AN <sub>+</sub> bis M <sub>7</sub>		01:18	09:27	02:35	1h 05m	03:41	49m	04:31	40m	05:11	15h 21m	20:33	40m	21:14	49m	22:04	1h 07m	23:11	8h 37m	3h 21m				So, 18. Mai
Mo, 19. Mai	MESZ	23:14 – 02:07*	2h 53m	AN <sub>+</sub> bis M <sub>7</sub>		01:45	10:44	02:32	1h 07m	03:40	49m	04:29	40m	05:10	15h 24m	20:34	40m	21:15	50m	22:05	1h 08m	23:14	8h 34m	3h 15m				Mo, 19. Mai
Di, 20. Mai	MESZ	23:17 – 02:25*	3h 08m	AN <sub>+</sub> bis M <sub>7</sub>	◐	02:07	12:02	02:30	1h 08m	03:38	50m	04:28	40m	05:09	15h 26m	20:35	41m	21:17	50m	22:07	1h 09m	23:17	8h 32m	3h 10m				Di, 20. Mai
Mi, 21. Mai	MESZ	23:20 – 02:24*	3h 04m	AN <sub>+</sub> bis AN <sub>-</sub>		02:25	13:22	02:27	1h 09m	03:36	50m	04:27	41m	05:08	15h 28m	20:37	41m	21:18	51m	22:09	1h 10m	23:20	8h 30m	3h 04m				Mi, 21. Mai
Do, 22. Mai	MESZ	23:23 – 02:21*	2h 58m	AN <sub>+</sub> bis AN <sub>-</sub>		02:41	14:42	02:24	1h 10m	03:34	51m	04:25	41m	05:07	15h 31m	20:38	41m	21:19	51m	22:11	1h 11m	23:23	8h 27m	2h 58m				Do, 22. Mai
Fr, 23. Mai	MESZ	23:26 – 02:18*	2h 52m	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
2025	Zeit-	Astr. dunkel und kein Mond			Mond			Beginn der Morgendämmerung					Sonne			Ende der Abenddämmerung					Nacht	Astr. N.	Naut. dunkel und kein Mond			2025		
	zone		$\Delta t$		Ph.	$\nearrow$	$\searrow$	Astr.	$\Delta t$	Naut.	$\Delta t$	Bürg.	$\Delta t$	$\nearrow$	$\Delta t$	$\searrow$	$\Delta t$	Bürg.	$\Delta t$	Naut.	$\Delta t$	Astr.	$\Delta t$	$\Delta t$		$\Delta t$		
Sa, 31. Mai	MESZ	01:03*–01:55*	51m	M <sub>\searrow</sub> bis AN <sub>\searrow</sub>		09:08	00:37	01:58	1h 23m	03:22	54m	04:16	42m	04:59	15h 48m	20:48	43m	21:31	54m	22:25	1h 25m	23:51	8h 10m	2h 03m				Sa, 31. Mai
So, 1. Jun	MESZ	01:22*–01:52*	29m	M <sub>\searrow</sub> bis AN <sub>\searrow</sub>		10:26	01:03	01:55	1h 25m	03:21	54m	04:15	43m	04:58	15h 50m	20:49	43m	21:32	55m	22:27	1h 27m	23:54	8h 08m	1h 57m				So, 1. Jun
Mo, 2. Jun	MESZ	01:38*–01:49*	10m	M <sub>\searrow</sub> bis AN <sub>\searrow</sub>		11:41	01:22	01:52	1h 27m	03:19	55m	04:14	43m	04:58	15h 52m	20:50	43m	21:33	55m	22:28	1h 29m	23:58	8h 07m	1h 51m				Mo, 2. Jun
Di, 3. Jun	MESZ	—:—:—:—	–	Mond stört	☾	12:52	01:38	01:49	1h 29m	03:18	55m	04:14	43m	04:57	15h 53m	20:51	43m	21:34	55m	22:30	1h 31m	00:01*	8h 05m	1h 45m				Di, 3. Jun
Mi, 4. Jun	MESZ	—:—:—:—	–	Mond stört		14:00	01:52	01:46	1h 31m	03:17	55m	04:13	43m	04:56	15h 54m	20:51	43m	21:35	55m	22:31	1h 33m	00:04*	8h 04m	1h 38m				Mi, 4. Jun
Do, 5. Jun	MESZ	—:—:~:~:~	–	Mond stört		15:06	02:04	01:43	1h 33m	03:16	55m	04:12	43m	04:56	15h 56m	20:52	43m	21:36	56m	22:32	1h 35m	00:08*	8h 03m	1h 32m				Do, 5. Jun
Fr, 6. Jun	MESZ	—:~:~:~:~	–	Mond stört		16:13	02:18	01:40	1h 35m	03:15	56m	04:12	43m	04:55	15h 57m	20:53	43m	21:37	56m	22:33	1h 37m	00:11*	8h 02m	1h 26m				Fr, 6. Jun
Sa, 7. Jun	MESZ	—:~:~:~:~	–	Mond stört		17:22	02:32	01:37	1h 37m	03:15	56m	04:11	43m	04:55	15h 58m	20:54	43m	21:38	56m	22:35	1h 39m	00:14*	8h 00m	1h 19m				Sa, 7. Jun
So, 8. Jun	MESZ	—:~:~:~:~	–	Mond stört		18:31	02:49	01:34	1h 39m	03:14	56m	04:11	43m	04:55	15h 59m	20:55	44m	21:39	57m	22:36	1h 41m	00:18*	7h 59m	1h 13m				So, 8. Jun
Mo, 9. Jun	MESZ	—:~:~:~:~	–	Mond stört		19:41	03:10	01:31	1h 41m	03:13	57m	04:10	44m	04:54	16h 00m	20:55	44m	21:39	57m	22:37	1h 44m	00:21*	7h 58m	1h 07m				Mo, 9. Jun
Di, 10. Jun	MESZ	—:~:~:~:~	–	Mond stört		20:49	03:38	01:28	1h 44m	03:13	57m	04:10	44m	04:54	16h 01m	20:56	44m	21:40	57m	22:38	1h 46m	00:24*	7h 57m	1h 00m				Di, 10. Jun
Mi, 11. Jun	MESZ	—:~:~:~:~	–	Mond stört	☾	21:49	04:16	01:25	1h 46m	03:12	57m	04:10	44m	04:54	16h 02m	20:56	44m	21:41	57m	22:39	1h 49m	00:28*	7h 57m	54m				Mi, 11. Jun
Do, 12. Jun	MESZ	—:~:~:~:~	–	Mond stört		22:40	05:05	01:22	1h 49m	03:12	57m	04:09	44m	04:54	16h 03m	20:57	44m	21:42	57m	22:39	1h 52m	00:32*	7h 56m	47m				Do, 12. Jun
Fr, 13. Jun	MESZ	—:~:~:~:~	–	Mond stört		23:19	06:07	01:19	1h 52m	03:11	57m	04:09	44m	04:53	16h 04m	20:58	44m	21:42	58m	22:40	1h 55m	00:35*	7h 55m	40m				Fr, 13. Jun
Sa, 14. Jun	MESZ	—:~:~:~:~	–	Mond stört		23:49	07:18	01:16	1h 55m	03:11	58m	04:09	44m	04:53	16h 04m	20:58	44m	21:43	58m	22:41	1h 58m	00:39*	7h 55m	33m				Sa, 14. Jun
So, 15. Jun	MESZ	—:~:~:~:~	–	Mond stört		—:—	08:34	01:12	1h 58m	03:11	58m	04:09	44m	04:53	16h 05m	20:59	44m	21:43	58m	22:41	2h 01m	00:43*	7h 54m	26m				So, 15. Jun
Mo, 16. Jun	MESZ	—:~:~:~:~	–	Mond stört		00:12	09:52	01:09	2h 01m	03:10	58m	04:09	44m	04:53	16h 05m	20:59	44m	21:44	58m	22:42	2h 05m	00:47*	7h 54m	17m				Mo, 16. Jun
Di, 17. Jun	MESZ	—:~:~:~:~	–	Mond stört		00:30	11:10	01:05	2h 05m	03:10	58m	04:09	44m	04:53	16h 06m	20:59	44m	21:44	58m	22:43	2h 11m	00:54*	7h 53m	5m				Di, 17. Jun
Mi, 18. Jun	MESZ			Astr. MD	☾	00:47	12:27	00:59	2h 11m	03:10	58m	04:09	44m	04:53	16h 06m	21:00	44m	21:44	58m	22:43		—:—	7h 53m		22:43–01:02*	2h 19m	ND <sub>+</sub> bis M <sub>7</sub>	Mi, 18. Jun
Do, 19. Jun	MESZ			Astr. MD		01:02	13:46	—:—		03:10	58m	04:09	44m	04:53	16h 06m	21:00	44m	21:45	58m	22:43		—:—	7h 53m		22:43–01:18*	2h 34m	ND <sub>+</sub> bis M <sub>7</sub>	Do, 19. Jun
Fr, 20. Jun	MESZ			Astr. MD		01:18	15:08	—:—		03:10	58m	04:09	44m	04:54	16h 06m	21:00	44m	21:45	58m	22:44		—:—	7h 53m		22:44–01:36*	2h 52m	ND <sub>+</sub> bis M <sub>7</sub>	Fr, 20. Jun
Sa, 21. Jun	MESZ			Astr. MD		01:36	16:34	—:—		03:10	58m	04:09	44m	04:54	16h 06m	21:00	44m	21:45	58m	22:44		—:—	7h 53m		22:44–01:59*	3h 15m	ND <sub>+</sub> bis M <sub>7</sub>	Sa, 21. Jun
So, 22. Jun	MESZ			Astr. MD		01:59	18:02	—:—		03:11	58m	04:09	44m	04:54	16h 06m	21:01	44m	21:45	58m	22:44		—:—	7h 53m		22:44–02:29*	3h 44m	ND <sub>+</sub> bis M <sub>7</sub>	So, 22. Jun
Mo, 23. Jun	MESZ			Astr. MD		02:29	19:29	—:—		03:11	58m	04:10	44m	04:54	16h 06m	21:01	44m	21:45	58m	22:44		—:—	7h 53m		22:44–03:11*	4h 26m	ND <sub>+</sub> bis M <sub>7</sub>	Mo, 23. Jun
Di, 24. Jun	MESZ	00:51*–01:05*	14m	AN <sub>+</sub> bis AN <sub>\searrow</sub>		03:11	20:46	—:~		03:11	58m	04:10	44m	04:55	16h 06m	21:01	44m	21:46	58m	22:44	2h 06m	00:51*	7h 54m	14m				Di, 24. Jun
Mi, 25. Jun	MESZ	00:46*–01:10*	23m	AN <sub>+</sub> bis AN <sub>\searrow</sub>	☾	04:08	21:47	01:05	2h 06m	03:12	58m	04:10	44m	04:55	16h 05m	21:01	44m	21:46	58m	22:44	2h 02m	00:46*	7h 54m	23m				Mi, 25. Jun
Do, 26. Jun	MESZ	00:43*–01:14*	31m	AN <sub>+</sub> bis AN <sub>\searrow</sub>		05:21	22:31	01:10	2h 02m	03:12	58m	04:11	44m	04:55	16h 05m	21:01	44m	21:45	58m	22:44	1h 59m	00:43*	7h 54m	31m				Do, 26. Jun
Fr, 27. Jun	MESZ	00:39*–01:18*	38m	AN <sub>+</sub> bis AN <sub>\searrow</sub>		06:41	23:02	01:14	1h 59m	03:13	58m	04:11	44m	04:56	16h 04m	21:01	44m	21:45	58m	22:43	1h 55m	00:39*	7h 55m	38m				Fr, 27. Jun
Sa, 28. Jun	MESZ	00:36*–01:21*	45m	AN <sub>+</sub> bis AN <sub>\searrow</sub>		08:03	23:25	01:18	1h 55m	03:14	58m	04:12	44m	04:56	16h 04m	21:01	44m	21:45	57m	22:43	1h 53m	00:36*	7h 56m	45m				Sa, 28. Jun
So, 29. Jun	MESZ	00:33*–01:25*	52m	AN <sub>+</sub> bis AN <sub>\searrow</sub>		09:21	23:42	01:21	1h 53m	03:15	57m	04:12	44m	04:57	16h 03m	21:01	44m	21:45	57m	22:43	1h 50m	00:33*	7h 56m	52m				So, 29. Jun
Mo, 30. Jun	MESZ	00:30*–01:29*	58m	AN <sub>+</sub> bis AN <sub>\searrow</sub>		10:35	23:57	01:25	1h 50m	03:15	57m	04:13	44m	04:57	16h 02m	21:00	44m	21:45	57m	22:42	1h 47m	00:30*	7h 57m	58m				Mo, 30. Jun
Di, 1. Jul	MESZ	00:27*–01:32*	1h 05m	AN <sub>+</sub> bis AN <sub>\searrow</sub>		11:46	—:~	01:29	1h 47m	03:16	57m	04:14	44m	04:58	16h 02m	21:00	44m	21:44	57m	22:42	1h 45m	00:27*	7h 58m	1h 05m				Di, 1. Jul
Mi, 2. Jul	MESZ	00:24*–01:35*	1h 11m	AN <sub>+</sub> bis AN <sub>\searrow</sub>	☾	12:54	00:10	01:32	1h 45m	03:17	57m	04:14	44m	04:59	16h 01m	21:00	44m	21:44	57m	22:41	1h 42m	00:24*	7h 59m	1h 11m				Mi, 2. Jul
Do, 3. Jul	MESZ	00:37*–01:39*	1h 01m	M <sub>\searrow</sub> bis AN <sub>\searrow</sub>		14:01	00:23	01:35	1h 42m	03:18	57m	04:15	44m	04:59	16h 00m	21:00	44m	21:44	56m	22:40	1h 40m	00:21*	8h 00m	1h 17m				Do, 3. Jul
Fr, 4. Jul	MESZ	00:53*–01:42*	48m	M <sub>\searrow</sub> bis AN <sub>\searrow</sub>		15:09	00:37	01:39	1h 40m	03:19	56m	04:16	44m	05:00	15h 59m	20:59	43m	21:43	56m	22:40	1h 38m	00:18*	8h 01m	1h 24m				Fr, 4. Jul
Sa, 5. Jul	MESZ	01:13*–01:45*	32m	M <sub>\searrow</sub> bis AN <sub>\searrow</sub>		16:18	00:53	01:42	1h 38m	03:20	56m	04:17	43m	05:01	15h 57m	20:59	43m	21:43	56m	22:39	1h 36m	00:15*	8h 02m	1h 30m				Sa, 5. Jul
So, 6. Jul	MESZ	01:38*–01:49*	10m	M <sub>\searrow</sub> bis AN <sub>\searrow</sub>		17:28	01:13	01:45	1h 36m	03:21	56m	04:18	43m	05:02	15h 56m	20:58	43m	21:42	56m	22:38	1h 33m	00:12*	8h 04m	1h 36m				So, 6. Jul
Mo, 7. Jul	MESZ	—:~:~:~:~	–	Mond stört		18:37	01:38	01:49	1h 33m	03:23	56m	04:19	43m	05:02	15h 55m	20:58	43m	21:41	55m	22:37	1h 31m	00:09*	8h 05m	1h 43m				Mo, 7. Jul
Di, 8. Jul	MESZ	—:~:~:~:~	–	Mond stört		19:41	02:12	01:52	1h 31m	03:24	55m	04:20	43m	05:03	15h 53m	20:57	43m	21:41	55m	22:36	1h 29m	00:06*	8h 06m	1h 49m				Di, 8. Jul
Mi, 9. Jul	MESZ	—:~:~:~:~	–	Mond stört		20:35	02:58	01:55	1h 29m	03:25	55m	04:21	43m	05:04	15h 52m	20:57	43m	21:40	55m	22:35	1h 28m	00:03*	8h 08m	1h 55m				Mi, 9. Jul
Do, 10. Jul	MESZ	—:~:~:~:~	–	Mond stört	☾	21:18	03:56	01:59	1h 28m	03:27	55m	04:22	43m	05:05	15h 51m	20:56	43m	21:39	54m	22:34	1h 26m	00:00*	8h 09m	2h 01m				Do, 10. Jul
Fr, 11. Jul	MESZ	—:~:~:~:~	–	Mond stört		21:51	05:05	02:02	1h 26m	03:28	54m	04:23	43m	05:06	15h 49m	20:55	42m	21:38	54m	22:33	1h 24m	23:57	8h 11m	2h 07m				Fr, 11. Jul
Sa, 12. Jul	MESZ	—:~:~:~:~	–	Mond stört		22:17	06:22	02:05	1h 24m	03:29	54m	04:24	42m	05:07	15h 47m	20												

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
2025	Zeit-	Astr. dunkel und kein Mond			Mond			Beginn der Morgendämmerung					Sonne			Ende der Abenddämmerung					Nacht	Astr. N.	Naut. dunkel und kein Mond			2025		
	zone		$\Delta t$		Ph.	$\nearrow$	$\searrow$	Astr.	$\Delta t$	Naut.	$\Delta t$	Bürg.	$\Delta t$	$\nearrow$	$\Delta t$	$\searrow$	$\Delta t$	Bürg.	$\Delta t$	Naut.	$\Delta t$	Astr.	$\Delta t$	$\Delta t$		$\Delta t$		
So, 20. Jul	MESZ	23:31 – 01:04*	1h 32m	AN <sub>+</sub> bis M <sub>7</sub>		00:28	17:09	02:30	1h 12m	03:42	51m	04:34	41m	05:15	15h 32m	20:47	41m	21:29	51m	22:20	1h 11m	23:31	8h 29m	3h 01m				So, 20. Jul
Mo, 21. Jul	MESZ	23:28 – 01:53*	2h 24m	AN <sub>+</sub> bis M <sub>7</sub>		01:04	18:28	02:33	1h 11m	03:44	51m	04:35	41m	05:16	15h 29m	20:46	41m	21:27	50m	22:18	1h 09m	23:28	8h 31m	3h 07m				Mo, 21. Jul
Di, 22. Jul	MESZ	23:25 – 02:39*	3h 13m	AN <sub>+</sub> bis AN <sub>-</sub>		01:53	19:35	02:36	1h 09m	03:46	50m	04:36	41m	05:18	15h 27m	20:45	40m	21:26	50m	22:17	1h 08m	23:25	8h 33m	3h 13m				Di, 22. Jul
Mi, 23. Jul	MESZ	23:22 – 02:42*	3h 19m	AN <sub>+</sub> bis AN <sub>-</sub>		02:58	20:25	02:39	1h 08m	03:47	50m	04:38	40m	05:19	15h 25m	20:44	40m	21:25	50m	22:15	1h 07m	23:22	8h 36m	3h 19m				Mi, 23. Jul
Do, 24. Jul	MESZ	23:20 – 02:45*	3h 24m	AN <sub>+</sub> bis AN <sub>-</sub>	●	04:16	21:01	02:42	1h 07m	03:49	50m	04:39	40m	05:20	15h 22m	20:43	40m	21:23	49m	22:13	1h 06m	23:20	8h 38m	3h 24m				Do, 24. Jul
Fr, 25. Jul	MESZ	23:17 – 02:47*	3h 30m	AN <sub>+</sub> bis AN <sub>-</sub>		05:37	21:26	02:45	1h 06m	03:51	49m	04:41	40m	05:21	15h 20m	20:42	40m	21:22	49m	22:11	1h 05m	23:17	8h 40m	3h 30m				Fr, 25. Jul
Sa, 26. Jul	MESZ	23:14 – 02:50*	3h 36m	AN <sub>+</sub> bis AN <sub>-</sub>		06:58	21:46	02:47	1h 05m	03:53	49m	04:42	40m	05:23	15h 17m	20:40	40m	21:21	48m	22:10	1h 04m	23:14	8h 43m	3h 36m				Sa, 26. Jul
So, 27. Jul	MESZ	23:11 – 02:53*	3h 42m	AN <sub>+</sub> bis AN <sub>-</sub>		08:15	22:02	02:50	1h 04m	03:55	48m	04:44	40m	05:24	15h 15m	20:39	40m	21:19	48m	22:08	1h 03m	23:11	8h 45m	3h 42m				So, 27. Jul
Mo, 28. Jul	MESZ	23:08 – 02:56*	3h 47m	AN <sub>+</sub> bis AN <sub>-</sub>		09:28	22:16	02:53	1h 03m	03:56	48m	04:45	40m	05:25	15h 12m	20:38	39m	21:18	48m	22:06	1h 02m	23:08	8h 48m	3h 47m				Mo, 28. Jul
Di, 29. Jul	MESZ	23:05 – 02:59*	3h 53m	AN <sub>+</sub> bis AN <sub>-</sub>		10:38	22:29	02:56	1h 02m	03:58	48m	04:46	39m	05:26	15h 10m	20:36	39m	21:16	47m	22:04	1h 01m	23:05	8h 51m	3h 53m				Di, 29. Jul
Mi, 30. Jul	MESZ	23:02 – 03:01*	3h 59m	AN <sub>+</sub> bis AN <sub>-</sub>		11:46	22:42	02:59	1h 01m	04:00	47m	04:48	39m	05:28	15h 07m	20:35	39m	21:15	47m	22:02	1h 00m	23:02	8h 53m	3h 59m				Mi, 30. Jul
Do, 31. Jul	MESZ	23:00 – 03:04*	4h 04m	AN <sub>+</sub> bis AN <sub>-</sub>		12:54	22:57	03:01	1h 00m	04:02	47m	04:49	39m	05:29	15h 04m	20:34	39m	21:13	47m	22:00	59m	23:00	8h 56m	4h 04m				Do, 31. Jul
Fr, 1. Aug	MESZ	23:15 – 03:07*	3h 51m	M <sub>\</sub> bis AN <sub>-</sub>	☾	14:04	23:15	03:04	59m	04:04	47m	04:51	39m	05:30	15h 02m	20:32	39m	21:11	46m	21:58	58m	22:57	8h 59m	4h 10m				Fr, 1. Aug
Sa, 2. Aug	MESZ	23:38 – 03:10*	3h 31m	M <sub>\</sub> bis AN <sub>-</sub>		15:14	23:38	03:07	58m	04:06	46m	04:52	39m	05:32	14h 59m	20:31	38m	21:10	46m	21:56	57m	22:54	9h 02m	4h 15m				Sa, 2. Aug
So, 3. Aug	MESZ	00:08* – 03:12*	3h 04m	M <sub>\</sub> bis AN <sub>-</sub>		16:23	—:—	03:10	57m	04:08	46m	04:54	38m	05:33	14h 56m	20:29	38m	21:08	46m	21:54	57m	22:51	9h 04m	4h 21m				So, 3. Aug
Mo, 4. Aug	MESZ	00:49* – 03:15*	2h 26m	M <sub>\</sub> bis AN <sub>-</sub>		17:29	00:08	03:12	57m	04:09	46m	04:55	38m	05:34	14h 53m	20:28	38m	21:06	45m	21:52	56m	22:48	9h 07m	4h 26m				Mo, 4. Aug
Di, 5. Aug	MESZ	01:42* – 03:18*	1h 35m	M <sub>\</sub> bis AN <sub>-</sub>		18:27	00:49	03:15	56m	04:11	45m	04:57	38m	05:36	14h 50m	20:26	38m	21:05	45m	21:50	55m	22:46	9h 10m	4h 31m				Di, 5. Aug
Mi, 6. Aug	MESZ	02:47* – 03:20*	32m	M <sub>\</sub> bis AN <sub>-</sub>		19:15	01:42	03:18	55m	04:13	45m	04:59	38m	05:37	14h 47m	20:25	38m	21:03	45m	21:48	54m	22:43	9h 13m	4h 37m				Mi, 6. Aug
Do, 7. Aug	MESZ	—:—:—:—	–	Mond stört		19:51	02:47	03:20	54m	04:15	45m	05:00	38m	05:38	14h 44m	20:23	37m	21:01	44m	21:46	54m	22:40	9h 16m	4h 42m				Do, 7. Aug
Fr, 8. Aug	MESZ	—:—:—:—	–	Mond stört		20:19	04:02	03:23	54m	04:17	44m	05:02	37m	05:40	14h 41m	20:21	37m	20:59	44m	21:44	53m	22:37	9h 19m	4h 48m				Fr, 8. Aug
Sa, 9. Aug	MESZ	—:—:—:—	–	Mond stört	○	20:41	05:22	03:25	53m	04:19	44m	05:03	37m	05:41	14h 38m	20:20	37m	20:57	44m	21:42	52m	22:34	9h 22m	4h 53m				Sa, 9. Aug
So, 10. Aug	MESZ	—:—:~:~:~	–	Mond stört		21:00	06:42	03:28	52m	04:20	44m	05:05	37m	05:42	14h 35m	20:18	37m	20:56	43m	21:39	52m	22:32	9h 25m	4h 58m				So, 10. Aug
Mo, 11. Aug	MESZ	—:~:~:~:~	–	Mond stört		21:16	08:03	03:30	52m	04:22	43m	05:06	37m	05:44	14h 32m	20:16	37m	20:54	43m	21:37	51m	22:29	9h 28m	5h 03m				Mo, 11. Aug
Di, 12. Aug	MESZ	—:~:~:~:~	–	Mond stört		21:31	09:23	03:33	51m	04:24	43m	05:08	37m	05:45	14h 29m	20:15	37m	20:52	43m	21:35	50m	22:26	9h 31m	5h 08m				Di, 12. Aug
Mi, 13. Aug	MESZ	—:~:~:~:~	–	Mond stört		21:48	10:44	03:35	50m	04:26	43m	05:09	37m	05:46	14h 26m	20:13	36m	20:50	42m	21:33	50m	22:23	9h 34m	5h 14m				Mi, 13. Aug
Do, 14. Aug	MESZ	—:~:~:~:~	–	Mond stört		22:07	12:06	03:37	50m	04:28	42m	05:11	36m	05:48	14h 23m	20:11	36m	20:48	42m	21:31	49m	22:21	9h 37m	5h 19m				Do, 14. Aug
Fr, 15. Aug	MESZ	22:18 – 22:31	12m	AN <sub>+</sub> bis M <sub>7</sub>		22:31	13:31	03:40	49m	04:30	42m	05:12	36m	05:49	14h 20m	20:09	36m	20:46	42m	21:28	49m	22:18	9h 41m	5h 24m				Fr, 15. Aug
Sa, 16. Aug	MESZ	22:15 – 23:02	47m	AN <sub>+</sub> bis M <sub>7</sub>	☾	23:02	14:56	03:42	49m	04:31	42m	05:14	36m	05:50	14h 17m	20:08	36m	20:44	42m	21:26	48m	22:15	9h 44m	5h 29m				Sa, 16. Aug
So, 17. Aug	MESZ	22:12 – 23:46	1h 34m	AN <sub>+</sub> bis M <sub>7</sub>		23:46	16:17	03:44	48m	04:33	42m	05:15	36m	05:52	14h 13m	20:06	36m	20:42	41m	21:24	48m	22:12	9h 47m	5h 34m				So, 17. Aug
Mo, 18. Aug	MESZ	22:10 – 00:45*	2h 35m	AN <sub>+</sub> bis M <sub>7</sub>		—:—	17:27	03:47	48m	04:35	41m	05:17	36m	05:53	14h 10m	20:04	36m	20:40	41m	21:22	47m	22:10	9h 50m	5h 39m				Mo, 18. Aug
Di, 19. Aug	MESZ	22:07 – 01:57*	3h 50m	AN <sub>+</sub> bis M <sub>7</sub>		00:45	18:21	03:49	47m	04:37	41m	05:18	36m	05:55	14h 07m	20:02	36m	20:38	41m	21:20	47m	22:07	9h 53m	5h 44m				Di, 19. Aug
Mi, 20. Aug	MESZ	22:04 – 03:17*	5h 12m	AN <sub>+</sub> bis M <sub>7</sub>		01:57	19:01	03:51	47m	04:39	41m	05:20	36m	05:56	14h 04m	20:00	35m	20:36	41m	21:17	46m	22:04	9h 57m	5h 49m				Mi, 20. Aug
Do, 21. Aug	MESZ	22:01 – 03:56*	5h 54m	AN <sub>+</sub> bis AN <sub>-</sub>		03:17	19:29	03:54	46m	04:40	41m	05:22	35m	05:57	14h 01m	19:58	35m	20:34	40m	21:15	46m	22:01	10h 00m	5h 54m				Do, 21. Aug
Fr, 22. Aug	MESZ	21:59 – 03:58*	5h 59m	AN <sub>+</sub> bis AN <sub>-</sub>		04:37	19:50	03:56	46m	04:42	40m	05:23	35m	05:59	13h 57m	19:57	35m	20:32	40m	21:13	45m	21:59	10h 03m	5h 59m				Fr, 22. Aug
Sa, 23. Aug	MESZ	21:56 – 04:00*	6h 04m	AN <sub>+</sub> bis AN <sub>-</sub>	●	05:55	20:07	03:58	46m	04:44	40m	05:25	35m	06:00	13h 54m	19:55	35m	20:30	40m	21:10	45m	21:56	10h 06m	6h 04m				Sa, 23. Aug
So, 24. Aug	MESZ	21:53 – 04:02*	6h 08m	AN <sub>+</sub> bis AN <sub>-</sub>		07:09	20:22	04:00	45m	04:46	40m	05:26	35m	06:02	13h 51m	19:53	35m	20:28	40m	21:08	45m	21:53	10h 10m	6h 08m				So, 24. Aug
Mo, 25. Aug	MESZ	21:51 – 04:04*	6h 13m	AN <sub>+</sub> bis AN <sub>-</sub>		08:20	20:35	04:02	45m	04:47	40m	05:28	35m	06:03	13h 47m	19:51	35m	20:26	39m	21:06	44m	21:51	10h 13m	6h 13m				Mo, 25. Aug
Di, 26. Aug	MESZ	21:48 – 04:06*	6h 18m	AN <sub>+</sub> bis AN <sub>-</sub>		09:30	20:48	04:04	44m	04:49	39m	05:29	35m	06:04	13h 44m	19:49	35m	20:24	39m	21:04	44m	21:48	10h 16m	6h 18m				Di, 26. Aug
Mi, 27. Aug	MESZ	21:45 – 04:09*	6h 23m	AN <sub>+</sub> bis AN <sub>-</sub>		10:39	21:02	04:06	44m	04:51	39m	05:31	35m	06:06	13h 41m	19:47	34m	20:22	39m	21:01	44m	21:45	10h 20m	6h 23m				Mi, 27. Aug
Do, 28. Aug	MESZ	21:43 – 04:11*	6h 27m	AN <sub>+</sub> bis AN <sub>-</sub>		11:48	21:19	04:09	44m	04:53	39m	05:32	34m	06:07	13h 37m	19:45	34m	20:20	39m	20:59	43m	21:43	10h 23m	6h 27m				Do, 28. Aug
Fr, 29. Aug	MESZ	21:40 – 04:13*	6h 32m	AN <sub>+</sub> bis AN <sub>-</sub>		12:58	21:40	04:11	43m	04:54	39m	05:34	34m	06:09	13h 34m	19:43	34m	20:18	39m	20:57	43m	21:40	10h 26m	6h 32m				Fr, 29. Aug
Sa, 30. Aug	MESZ	22:06 – 04:15*	6h 08m	M <sub>\</sub> bis AN <sub>-</sub>		14:07	22:06	04:13	43m	04:56	39m	05:35	34m	06:10	13h 31m	19:41	34m	20:16	38m	20								

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	
2025	Zeit-	Astr. dunkel und kein Mond			Mond			Beginn der Morgendämmerung					Sonne				Ende der Abenddämmerung					Nacht	Astr. N.	Naut. dunkel und kein Mond			2025		
	zone		$\Delta t$		Ph.	$\nearrow$	$\searrow$	Astr.	$\Delta t$	Naut.	$\Delta t$	Bürg.	$\Delta t$	$\nearrow$	$\Delta t$	$\searrow$	$\Delta t$	Bürg.	$\Delta t$	Naut.	$\Delta t$	Astr.	$\Delta t$	$\Delta t$		$\Delta t$			
Mo, 8. Sep	MESZ	—:—:—:—	—	Mond stört		19:37	07:01	04:30	40m	05:11	37m	05:48	33m	06:22	13h 00m	19:23	33m	19:56	37m	20:34	40m	21:14	11h 01m	7h 17m					Mo, 8. Sep
Di, 9. Sep	MESZ	—:—:—:—	—	Mond stört		19:53	08:24	04:32	40m	05:12	37m	05:50	33m	06:24	12h 56m	19:21	33m	19:54	37m	20:32	40m	21:12	11h 04m	7h 21m					Di, 9. Sep
Mi, 10. Sep	MESZ	—:—:~:~	—	Mond stört		20:12	09:48	04:34	40m	05:14	37m	05:51	33m	06:25	12h 53m	19:18	33m	19:52	37m	20:29	40m	21:09	11h 08m	7h 26m					Mi, 10. Sep
Do, 11. Sep	MESZ	—:~:~:~	—	Mond stört		20:34	11:15	04:35	40m	05:15	37m	05:53	33m	06:26	12h 49m	19:16	33m	19:50	37m	20:27	39m	21:07	11h 11m	7h 30m					Do, 11. Sep
Fr, 12. Sep	MESZ	—:~:~:~	—	Mond stört		21:04	12:42	04:37	39m	05:17	37m	05:54	33m	06:28	12h 46m	19:14	33m	19:48	36m	20:25	39m	21:04	11h 14m	7h 34m					Fr, 12. Sep
Sa, 13. Sep	MESZ	21:02 – 21:44	42m	AN <sub>+</sub> bis M <sub>7</sub>		21:44	14:06	04:39	39m	05:19	37m	05:56	33m	06:29	12h 42m	19:12	33m	19:46	36m	20:22	39m	21:02	11h 18m	7h 38m					Sa, 13. Sep
So, 14. Sep	MESZ	20:59 – 22:38	1h 38m	AN <sub>+</sub> bis M <sub>7</sub>	☾	22:38	15:21	04:41	39m	05:20	36m	05:57	33m	06:31	12h 39m	19:10	33m	19:43	36m	20:20	39m	20:59	11h 21m	7h 43m					So, 14. Sep
Mo, 15. Sep	MESZ	20:57 – 23:46	2h 49m	AN <sub>+</sub> bis M <sub>7</sub>		23:46	16:19	04:42	39m	05:22	36m	05:59	33m	06:32	12h 35m	19:08	33m	19:41	36m	20:18	39m	20:57	11h 25m	7h 47m					Mo, 15. Sep
Di, 16. Sep	MESZ	20:55 – 01:03*	4h 08m	AN <sub>+</sub> bis M <sub>7</sub>		—:—	17:02	04:44	39m	05:23	36m	06:00	33m	06:33	12h 32m	19:06	33m	19:39	36m	20:16	38m	20:55	11h 28m	7h 51m					Di, 16. Sep
Mi, 17. Sep	MESZ	20:52 – 02:22*	5h 29m	AN <sub>+</sub> bis M <sub>7</sub>		01:03	17:33	04:46	38m	05:25	36m	06:01	33m	06:35	12h 29m	19:04	33m	19:37	36m	20:13	38m	20:52	11h 32m	7h 55m					Mi, 17. Sep
Do, 18. Sep	MESZ	20:50 – 03:40*	6h 49m	AN <sub>+</sub> bis M <sub>7</sub>		02:22	17:56	04:48	38m	05:26	36m	06:03	33m	06:36	12h 25m	19:02	33m	19:35	36m	20:11	38m	20:50	11h 35m	7h 59m					Do, 18. Sep
Fr, 19. Sep	MESZ	20:47 – 04:51*	8h 03m	AN <sub>+</sub> bis AN <sub>-</sub>		03:40	18:14	04:49	38m	05:28	36m	06:04	33m	06:38	12h 22m	19:00	33m	19:33	36m	20:09	38m	20:47	11h 39m	8h 03m					Fr, 19. Sep
Sa, 20. Sep	MESZ	20:45 – 04:53*	8h 07m	AN <sub>+</sub> bis AN <sub>-</sub>		04:54	18:29	04:51	38m	05:29	36m	06:06	33m	06:39	12h 18m	18:57	33m	19:31	36m	20:07	38m	20:45	11h 42m	8h 07m					Sa, 20. Sep
So, 21. Sep	MESZ	20:43 – 04:54*	8h 11m	AN <sub>+</sub> bis AN <sub>-</sub>	☉	06:05	18:42	04:53	38m	05:31	36m	06:07	33m	06:40	12h 15m	18:55	33m	19:29	36m	20:05	38m	20:43	11h 46m	8h 11m					So, 21. Sep
Mo, 22. Sep	MESZ	20:40 – 04:56*	8h 15m	AN <sub>+</sub> bis AN <sub>-</sub>		07:15	18:55	04:54	38m	05:32	36m	06:09	33m	06:42	12h 11m	18:53	33m	19:26	36m	20:02	37m	20:40	11h 49m	8h 15m					Mo, 22. Sep
Di, 23. Sep	MESZ	20:38 – 04:58*	8h 19m	AN <sub>+</sub> bis AN <sub>-</sub>		08:24	19:09	04:56	37m	05:34	36m	06:10	33m	06:43	12h 08m	18:51	33m	19:24	35m	20:00	37m	20:38	11h 53m	8h 19m					Di, 23. Sep
Mi, 24. Sep	MESZ	20:36 – 04:59*	8h 23m	AN <sub>+</sub> bis AN <sub>-</sub>		09:33	19:25	04:58	37m	05:35	36m	06:11	33m	06:45	12h 04m	18:49	33m	19:22	35m	19:58	37m	20:36	11h 56m	8h 23m					Mi, 24. Sep
Do, 25. Sep	MESZ	20:33 – 05:01*	8h 27m	AN <sub>+</sub> bis AN <sub>-</sub>		10:43	19:43	04:59	37m	05:37	35m	06:13	33m	06:46	12h 01m	18:47	33m	19:20	35m	19:56	37m	20:33	12h 00m	8h 27m					Do, 25. Sep
Fr, 26. Sep	MESZ	20:31 – 05:02*	8h 31m	AN <sub>+</sub> bis AN <sub>-</sub>		11:53	20:07	05:01	37m	05:38	35m	06:14	33m	06:47	11h 57m	18:45	33m	19:18	35m	19:54	37m	20:31	12h 03m	8h 31m					Fr, 26. Sep
Sa, 27. Sep	MESZ	20:39 – 05:04*	8h 25m	M <sub>\</sub> bis AN <sub>-</sub>		13:01	20:39	05:02	37m	05:40	35m	06:16	33m	06:49	11h 54m	18:43	33m	19:16	35m	19:52	37m	20:29	12h 07m	8h 35m					Sa, 27. Sep
So, 28. Sep	MESZ	21:20 – 05:06*	7h 45m	M <sub>\</sub> bis AN <sub>-</sub>		14:04	21:20	05:04	37m	05:41	35m	06:17	33m	06:50	11h 50m	18:41	33m	19:14	35m	19:49	37m	20:27	12h 10m	8h 38m					So, 28. Sep
Mo, 29. Sep	MESZ	22:14 – 05:07*	6h 53m	M <sub>\</sub> bis AN <sub>-</sub>		14:59	22:14	05:06	37m	05:43	35m	06:18	33m	06:52	11h 47m	18:39	33m	19:12	35m	19:47	37m	20:24	12h 14m	8h 42m					Mo, 29. Sep
Di, 30. Sep	MESZ	23:19 – 05:09*	5h 49m	M <sub>\</sub> bis AN <sub>-</sub>	☾	15:44	23:19	05:07	37m	05:44	35m	06:20	33m	06:53	11h 43m	18:37	33m	19:10	35m	19:45	37m	20:22	12h 17m	8h 46m					Di, 30. Sep
Mi, 1. Okt	MESZ	00:32* – 05:10*	4h 38m	M <sub>\</sub> bis AN <sub>-</sub>		16:18	—:—	05:09	37m	05:46	35m	06:21	33m	06:54	11h 40m	18:35	33m	19:08	35m	19:43	36m	20:20	12h 21m	8h 50m					Mi, 1. Okt
Do, 2. Okt	MESZ	01:50* – 05:12*	3h 21m	M <sub>\</sub> bis AN <sub>-</sub>		16:45	00:32	05:10	36m	05:47	35m	06:23	33m	06:56	11h 36m	18:32	33m	19:06	35m	19:41	36m	20:18	12h 24m	8h 53m					Do, 2. Okt
Fr, 3. Okt	MESZ	03:10* – 05:13*	2h 03m	M <sub>\</sub> bis AN <sub>-</sub>		17:06	01:50	05:12	36m	05:49	35m	06:24	33m	06:57	11h 33m	18:30	33m	19:03	35m	19:39	36m	20:16	12h 28m	8h 57m					Fr, 3. Okt
Sa, 4. Okt	MESZ	04:31* – 05:15*	43m	M <sub>\</sub> bis AN <sub>-</sub>		17:24	03:10	05:13	36m	05:50	35m	06:26	33m	06:59	11h 29m	18:28	33m	19:01	35m	19:37	36m	20:14	12h 31m	9h 01m					Sa, 4. Okt
So, 5. Okt	MESZ	—:~:~:~	—	Mond stört		17:41	04:31	05:15	36m	05:51	35m	06:27	33m	07:00	11h 26m	18:26	33m	18:59	35m	19:35	36m	20:11	12h 35m	9h 04m					So, 5. Okt
Mo, 6. Okt	MESZ	—:~:~:~	—	Mond stört		17:57	05:54	05:16	36m	05:53	35m	06:28	33m	07:02	11h 22m	18:24	33m	18:57	35m	19:33	36m	20:09	12h 38m	9h 08m					Mo, 6. Okt
Di, 7. Okt	MESZ	—:~:~:~	—	Mond stört	☉	18:15	07:19	05:18	36m	05:54	35m	06:30	33m	07:03	11h 19m	18:22	33m	18:55	35m	19:31	36m	20:07	12h 42m	9h 11m					Di, 7. Okt
Mi, 8. Okt	MESZ	—:~:~:~	—	Mond stört		18:36	08:47	05:19	36m	05:56	35m	06:31	33m	07:05	11h 15m	18:20	33m	18:53	35m	19:29	36m	20:05	12h 45m	9h 15m					Mi, 8. Okt
Do, 9. Okt	MESZ	—:~:~:~	—	Mond stört		19:03	10:18	05:21	36m	05:57	35m	06:33	33m	07:06	11h 12m	18:18	33m	18:51	35m	19:27	36m	20:03	12h 49m	9h 19m					Do, 9. Okt
Fr, 10. Okt	MESZ	—:~:~:~	—	Mond stört		19:40	11:47	05:22	36m	05:59	35m	06:34	33m	07:07	11h 08m	18:16	33m	18:49	35m	19:25	36m	20:01	12h 52m	9h 22m					Fr, 10. Okt
Sa, 11. Okt	MESZ	19:59 – 20:31	32m	AN <sub>+</sub> bis M <sub>7</sub>		20:31	13:08	05:24	36m	06:00	35m	06:36	33m	07:09	11h 05m	18:14	33m	18:48	35m	19:23	36m	19:59	12h 56m	9h 25m					Sa, 11. Okt
So, 12. Okt	MESZ	19:57 – 21:37	1h 39m	AN <sub>+</sub> bis M <sub>7</sub>		21:37	14:14	05:25	36m	06:02	35m	06:37	33m	07:10	11h 01m	18:12	33m	18:46	35m	19:21	36m	19:57	12h 59m	9h 29m					So, 12. Okt
Mo, 13. Okt	MESZ	19:55 – 22:52	2h 56m	AN <sub>+</sub> bis M <sub>7</sub>	☾	22:52	15:03	05:27	36m	06:03	35m	06:38	33m	07:12	10h 58m	18:10	33m	18:44	35m	19:19	36m	19:55	13h 02m	9h 32m					Mo, 13. Okt
Di, 14. Okt	MESZ	19:53 – 00:11*	4h 17m	AN <sub>+</sub> bis M <sub>7</sub>		—:—	15:37	05:28	36m	06:04	35m	06:40	33m	07:13	10h 55m	18:08	33m	18:42	35m	19:17	36m	19:53	13h 06m	9h 36m					Di, 14. Okt
Mi, 15. Okt	MESZ	19:52 – 01:29*	5h 37m	AN <sub>+</sub> bis M <sub>7</sub>		00:11	16:02	05:30	36m	06:06	35m	06:41	33m	07:15	10h 51m	18:06	33m	18:40	35m	19:15	36m	19:52	13h 09m	9h 39m					Mi, 15. Okt
Do, 16. Okt	MESZ	19:50 – 02:44*	6h 53m	AN <sub>+</sub> bis M <sub>7</sub>		01:29	16:21	05:31	36m	06:07	35m	06:43	33m	07:16	10h 48m	18:05	33m	18:38	35m	19:14	36m	19:50	13h 13m	9h 42m					Do, 16. Okt
Fr, 17. Okt	MESZ	19:48 – 03:55*	8h 07m	AN <sub>+</sub> bis M <sub>7</sub>		02:44	16:37	05:32	36m	06:09	35m	06:44	33m	07:18	10h 44m	18:03	33m	18:36	35m	19:12	36m	19:48	13h 16m	9h 46m					Fr, 17. Okt
Sa, 18. Okt	MESZ	19:46 – 05:04*	9h 18m	AN <sub>+</sub> bis M <sub>7</sub>		03:55	16:50	05:34	36m	06:10	35m	06:46	33m	07:19	10h 41m	18:01	33m	18:34	35m	19:10	36m	19:46	13h 20m	9h 49m					Sa, 18. Okt
So, 19. Okt	MESZ	19:44 – 05:37*	9h 52m	AN <sub>+</sub> bis AN <sub>-</sub>		05:04	17:03	05:35	36m	06:11	35m	06:47	33m																

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
2025	Zeit- zone	Astr. dunkel und kein Mond			Mond			Beginn der Morgendämmerung					Sonne				Ende der Abenddämmerung					Nacht	Astr. N.	Naut. dunkel und kein Mond			2025	
		$\Delta t$			Ph.	$\nearrow$	$\searrow$	Astr.	$\Delta t$	Naut.	$\Delta t$	Bürg.	$\Delta t$	$\nearrow$	$\Delta t$	$\searrow$	$\Delta t$	Bürg.	$\Delta t$	Naut.	$\Delta t$	Astr.	$\Delta t$	$\Delta t$		$\Delta t$		
Di, 28. Okt		21:15–04:49*	7h 34m	M <sub>\</sub> bis AN <sub>\</sub>		13:17	21:15	04:48	36m	05:24	35m	06:00	34m	06:35	10h 08m	16:43	34m	17:17	35m	17:53	36m	18:29	13h 53m	10h 20m				Di, 28. Okt
Mi, 29. Okt		22:29–04:51*	6h 21m	M <sub>\</sub> bis AN <sub>\</sub>	☾	13:46	22:29	04:49	36m	05:26	36m	06:02	34m	06:36	10h 05m	16:41	34m	17:16	35m	17:52	36m	18:28	13h 56m	10h 23m				Mi, 29. Okt
Do, 30. Okt		23:46–04:52*	5h 06m	M <sub>\</sub> bis AN <sub>\</sub>		14:08	23:46	04:51	36m	05:27	36m	06:03	34m	06:38	10h 01m	16:40	34m	17:14	36m	17:50	36m	18:26	13h 59m	10h 25m				Do, 30. Okt
Fr, 31. Okt		01:04*–04:54*	3h 49m	M <sub>\</sub> bis AN <sub>\</sub>		14:27	—:—	04:52	36m	05:28	36m	06:05	34m	06:39	9h 58m	16:38	34m	17:13	36m	17:49	36m	18:25	14h 02m	10h 28m				Fr, 31. Okt
Sa, 1. Nov		02:23*–04:55*	2h 31m	M <sub>\</sub> bis AN <sub>\</sub>		14:44	01:04	04:54	36m	05:30	36m	06:06	34m	06:41	9h 55m	16:36	34m	17:11	36m	17:47	36m	18:23	14h 06m	10h 31m				Sa, 1. Nov
So, 2. Nov		03:45*–04:56*	1h 11m	M <sub>\</sub> bis AN <sub>\</sub>		15:00	02:23	04:55	36m	05:31	36m	06:07	34m	06:42	9h 52m	16:35	34m	17:10	36m	17:46	36m	18:22	14h 09m	10h 34m				So, 2. Nov
Mo, 3. Nov		—:—:—:—	–	Mond stört		15:16	03:45	04:56	36m	05:33	36m	06:09	34m	06:44	9h 49m	16:33	34m	17:08	36m	17:44	36m	18:21	14h 12m	10h 36m				Mo, 3. Nov
Di, 4. Nov		—:—:—:—	–	Mond stört		15:36	05:11	04:58	36m	05:34	36m	06:10	35m	06:45	9h 46m	16:32	35m	17:07	36m	17:43	36m	18:19	14h 15m	10h 39m				Di, 4. Nov
Mi, 5. Nov		—:—:—:—	–	Mond stört	☾	16:00	06:41	04:59	36m	05:35	36m	06:12	35m	06:47	9h 43m	16:30	35m	17:05	36m	17:42	36m	18:18	14h 18m	10h 42m				Mi, 5. Nov
Do, 6. Nov		—:~:~:~:~	–	Mond stört		16:33	08:14	05:00	36m	05:37	36m	06:13	35m	06:49	9h 40m	16:29	35m	17:04	36m	17:40	36m	18:17	14h 21m	10h 44m				Do, 6. Nov
Fr, 7. Nov		—:~:~:~:~	–	Mond stört		17:19	09:42	05:02	36m	05:38	36m	06:15	35m	06:50	9h 37m	16:27	35m	17:03	36m	17:39	36m	18:16	14h 24m	10h 47m				Fr, 7. Nov
Sa, 8. Nov		18:14–18:21	6m	AN <sub>+</sub> bis M <sub>7</sub>		18:21	10:58	05:03	36m	05:40	36m	06:16	35m	06:52	9h 34m	16:26	35m	17:01	36m	17:38	36m	18:14	14h 27m	10h 49m				Sa, 8. Nov
So, 9. Nov		18:13–19:36	1h 22m	AN <sub>+</sub> bis M <sub>7</sub>		19:36	11:56	05:04	36m	05:41	36m	06:18	35m	06:53	9h 31m	16:24	35m	17:00	36m	17:37	36m	18:13	14h 30m	10h 52m				So, 9. Nov
Mo, 10. Nov		18:12–20:57	2h 44m	AN <sub>+</sub> bis M <sub>7</sub>		20:57	12:37	05:06	36m	05:42	36m	06:19	35m	06:55	9h 28m	16:23	35m	16:59	36m	17:36	36m	18:12	14h 33m	10h 54m				Mo, 10. Nov
Di, 11. Nov		18:11–22:17	4h 06m	AN <sub>+</sub> bis M <sub>7</sub>		22:17	13:06	05:07	36m	05:44	36m	06:21	35m	06:56	9h 25m	16:22	35m	16:58	36m	17:34	36m	18:11	14h 36m	10h 57m				Di, 11. Nov
Mi, 12. Nov		18:10–23:34	5h 23m	AN <sub>+</sub> bis M <sub>7</sub>	☾	23:34	13:27	05:08	36m	05:45	36m	06:22	35m	06:58	9h 22m	16:21	35m	16:56	36m	17:33	36m	18:10	14h 38m	10h 59m				Mi, 12. Nov
Do, 13. Nov		18:09–00:46*	6h 37m	AN <sub>+</sub> bis M <sub>7</sub>		—:~	13:43	05:10	36m	05:46	37m	06:23	36m	06:59	9h 19m	16:19	36m	16:55	37m	17:32	36m	18:09	14h 41m	11h 01m				Do, 13. Nov
Fr, 14. Nov		18:08–01:56*	7h 47m	AN <sub>+</sub> bis M <sub>7</sub>		00:46	13:58	05:11	36m	05:48	37m	06:25	36m	07:01	9h 17m	16:18	36m	16:54	37m	17:31	36m	18:08	14h 44m	11h 04m				Fr, 14. Nov
Sa, 15. Nov		18:07–03:04*	8h 56m	AN <sub>+</sub> bis M <sub>7</sub>		01:56	14:11	05:12	36m	05:49	37m	06:26	36m	07:02	9h 14m	16:17	36m	16:53	37m	17:30	36m	18:07	14h 47m	11h 06m				Sa, 15. Nov
So, 16. Nov		18:06–04:12*	10h 05m	AN <sub>+</sub> bis M <sub>7</sub>		03:04	14:24	05:13	36m	05:50	37m	06:28	36m	07:04	9h 11m	16:16	36m	16:52	37m	17:29	36m	18:06	14h 49m	11h 08m				So, 16. Nov
Mo, 17. Nov		18:05–05:16*	11h 10m	AN <sub>+</sub> bis AN <sub>\</sub>		04:12	14:39	05:15	36m	05:52	37m	06:29	36m	07:05	9h 09m	16:15	36m	16:51	37m	17:28	36m	18:05	14h 52m	11h 10m				Mo, 17. Nov
Di, 18. Nov		18:04–05:17*	11h 12m	AN <sub>+</sub> bis AN <sub>\</sub>		05:20	14:55	05:16	36m	05:53	37m	06:30	36m	07:07	9h 06m	16:14	36m	16:50	37m	17:28	36m	18:04	14h 54m	11h 12m				Di, 18. Nov
Mi, 19. Nov		18:04–05:18*	11h 14m	AN <sub>+</sub> bis AN <sub>\</sub>		06:30	15:16	05:17	37m	05:54	37m	06:32	36m	07:08	9h 04m	16:13	36m	16:49	37m	17:27	36m	18:04	14h 57m	11h 14m				Mi, 19. Nov
Do, 20. Nov		18:03–05:20*	11h 16m	AN <sub>+</sub> bis AN <sub>\</sub>	☾	07:39	15:43	05:18	37m	05:56	37m	06:33	36m	07:10	9h 01m	16:12	36m	16:48	37m	17:26	37m	18:03	14h 59m	11h 16m				Do, 20. Nov
Fr, 21. Nov		18:02–05:21*	11h 18m	AN <sub>+</sub> bis AN <sub>\</sub>		08:45	16:18	05:20	37m	05:57	37m	06:34	36m	07:11	8h 59m	16:11	36m	16:48	37m	17:25	37m	18:02	15h 02m	11h 18m				Fr, 21. Nov
Sa, 22. Nov		18:02–05:22*	11h 20m	AN <sub>+</sub> bis AN <sub>\</sub>		09:46	17:03	05:21	37m	05:58	37m	06:36	37m	07:13	8h 56m	16:10	37m	16:47	37m	17:24	37m	18:02	15h 04m	11h 20m				Sa, 22. Nov
So, 23. Nov		18:01–05:23*	11h 22m	AN <sub>+</sub> bis AN <sub>\</sub>		10:36	18:00	05:22	37m	05:59	37m	06:37	37m	07:14	8h 54m	16:09	37m	16:46	37m	17:24	37m	18:01	15h 06m	11h 22m				So, 23. Nov
Mo, 24. Nov		19:05–05:24*	10h 18m	M <sub>\</sub> bis AN <sub>\</sub>		11:16	19:05	05:23	37m	06:01	37m	06:38	37m	07:16	8h 52m	16:08	37m	16:45	37m	17:23	37m	18:00	15h 09m	11h 24m				Mo, 24. Nov
Di, 25. Nov		20:17–05:26*	9h 08m	M <sub>\</sub> bis AN <sub>\</sub>		11:47	20:17	05:24	37m	06:02	37m	06:40	37m	07:17	8h 50m	16:07	37m	16:45	37m	17:23	37m	18:00	15h 11m	11h 25m				Di, 25. Nov
Mi, 26. Nov		21:31–05:27*	7h 55m	M <sub>\</sub> bis AN <sub>\</sub>		12:11	21:31	05:26	37m	06:03	38m	06:41	37m	07:18	8h 48m	16:06	37m	16:44	38m	17:22	37m	17:59	15h 13m	11h 27m				Mi, 26. Nov
Do, 27. Nov		22:46–05:28*	6h 41m	M <sub>\</sub> bis AN <sub>\</sub>		12:31	22:46	05:27	37m	06:04	38m	06:42	37m	07:20	8h 45m	16:06	37m	16:43	38m	17:21	37m	17:59	15h 15m	11h 28m				Do, 27. Nov
Fr, 28. Nov		00:02*–05:29*	5h 27m	M <sub>\</sub> bis AN <sub>\</sub>	☾	12:48	—:~	05:28	37m	06:05	38m	06:43	37m	07:21	8h 43m	16:05	37m	16:43	38m	17:21	37m	17:58	15h 17m	11h 30m				Fr, 28. Nov
Sa, 29. Nov		01:19*–05:30*	4h 10m	M <sub>\</sub> bis AN <sub>\</sub>		13:03	00:02	05:29	37m	06:06	38m	06:45	37m	07:22	8h 42m	16:05	37m	16:42	38m	17:21	37m	17:58	15h 19m	11h 31m				Sa, 29. Nov
So, 30. Nov		02:40*–05:31*	2h 51m	M <sub>\</sub> bis AN <sub>\</sub>		13:19	01:19	05:30	37m	06:08	38m	06:46	37m	07:24	8h 40m	16:04	37m	16:42	38m	17:20	37m	17:58	15h 21m	11h 33m				So, 30. Nov
Mo, 1. Dez		04:05*–05:32*	1h 27m	M <sub>\</sub> bis AN <sub>\</sub>		13:36	02:40	05:31	37m	06:09	38m	06:47	37m	07:25	8h 38m	16:03	37m	16:41	38m	17:20	37m	17:57	15h 22m	11h 34m				Mo, 1. Dez
Di, 2. Dez		—:~:~:~:~	–	Mond stört		13:57	04:05	05:32	37m	06:10	38m	06:48	38m	07:26	8h 36m	16:03	38m	16:41	38m	17:20	37m	17:57	15h 24m	11h 35m				Di, 2. Dez
Mi, 3. Dez		—:~:~:~:~	–	Mond stört		14:25	05:35	05:33	37m	06:11	38m	06:49	38m	07:27	8h 35m	16:03	38m	16:41	38m	17:19	37m	17:57	15h 26m	11h 37m				Mi, 3. Dez
Do, 4. Dez		—:~:~:~:~	–	Mond stört		15:04	07:06	05:34	37m	06:12	38m	06:50	38m	07:29	8h 33m	16:02	38m	16:40	38m	17:19	37m	17:57	15h 27m	11h 38m				Do, 4. Dez
Fr, 5. Dez		—:~:~:~:~	–	Mond stört	☾	15:58	08:30	05:35	37m	06:13	38m	06:51	38m	07:30	8h 32m	16:02	38m	16:40	38m	17:19	37m	17:57	15h 29m	11h 39m				Fr, 5. Dez
Sa, 6. Dez		—:~:~:~:~	–	Mond stört		17:09	09:39	05:36	37m	06:14	38m	06:53	38m	07:31	8h 30m	16:02	38m	16:40	38m	17:19	37m	17:56	15h 30m	11h 40m				Sa, 6. Dez
So, 7. Dez		17:56–18:32	35m	AN <sub>+</sub> bis M <sub>7</sub>		18:32	10:29	05:37	37m	06:15	38m	06:54	38m	07:32	8h 29m	16:01	38m	16:40	38m	17:19	37m	17:56	15h 31m	11h 41m				So, 7. Dez
Mo, 8. Dez		17:56–19:56	1h 59m	AN <sub>+</sub> bis M <sub>7</sub>		19:56	11:04	05:38	37m	06:16	38m	06:55	38m	07:33	8h 28m	16:01	38m	16:40	38m	17:19	37m	17:56	15h 32m	11h 42m				Mo, 8. Dez
Di, 9. Dez		17:56–21:17	3h 20m	AN <sub>+</sub> bis M <sub>7</sub>		21:17	11:29	05:39	37m	06:17	38m	06:55	38m	07:34														



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	
2025/26	Zeit- zone	Astr. dunkel und kein Mond			Mond			Beginn der Morgendämmerung					Sonne			Ende der Abenddämmerung					Nacht	Astr. N.	Naut. dunkel und kein Mond			2025/26			
			$\Delta t$		Ph.	$\nearrow$	$\searrow$	Astr.	$\Delta t$	Naut.	$\Delta t$	Bürg.	$\Delta t$	$\nearrow$	$\Delta t$	$\searrow$	$\Delta t$	Bürg.	$\Delta t$	Naut.	$\Delta t$	Astr.	$\Delta t$	$\Delta t$		$\Delta t$			
Mi, 17. Dez		17:58–05:46*	11h 47m	AN <sub>+</sub> bis AN <sub>-</sub>		05:29	13:45	05:45	38m	06:23	39m	07:02	38m	07:41	8h 21m	16:02	38m	16:41	39m	17:20	38m	17:58	15h 39m	11h 47m					Mi, 17. Dez
Do, 18. Dez		17:58–05:46*	11h 47m	AN <sub>+</sub> bis AN <sub>-</sub>		06:36	14:17	05:46	38m	06:24	39m	07:03	38m	07:42	8h 20m	16:02	38m	16:41	39m	17:20	38m	17:58	15h 39m	11h 47m					Do, 18. Dez
Fr, 19. Dez		17:59–05:47*	11h 47m	AN <sub>+</sub> bis AN <sub>-</sub>		07:39	15:00	05:46	38m	06:24	39m	07:03	38m	07:42	8h 20m	16:03	38m	16:42	39m	17:21	38m	17:59	15h 40m	11h 47m					Fr, 19. Dez
Sa, 20. Dez		17:59–05:47*	11h 47m	AN <sub>+</sub> bis AN <sub>-</sub>	●	08:33	15:54	05:47	38m	06:25	39m	07:04	38m	07:43	8h 20m	16:03	38m	16:42	39m	17:21	38m	17:59	15h 40m	11h 47m					Sa, 20. Dez
So, 21. Dez		18:00–05:48*	11h 47m	AN <sub>+</sub> bis AN <sub>-</sub>		09:16	16:58	05:47	38m	06:25	39m	07:04	38m	07:43	8h 20m	16:04	38m	16:43	39m	17:22	38m	18:00	15h 40m	11h 47m					So, 21. Dez
Mo, 22. Dez		18:08–05:48*	11h 39m	M <sub>\</sub> bis AN <sub>-</sub>		09:50	18:08	05:48	38m	06:26	39m	07:05	38m	07:44	8h 20m	16:04	38m	16:43	39m	17:22	38m	18:00	15h 40m	11h 47m					Mo, 22. Dez
Di, 23. Dez		19:22–05:49*	10h 26m	M <sub>\</sub> bis AN <sub>-</sub>		10:16	19:22	05:48	38m	06:26	39m	07:05	38m	07:44	8h 20m	16:05	38m	16:44	39m	17:23	38m	18:01	15h 40m	11h 47m					Di, 23. Dez
Mi, 24. Dez		20:36–05:49*	9h 13m	M <sub>\</sub> bis AN <sub>-</sub>		10:36	20:36	05:49	38m	06:27	39m	07:06	38m	07:45	8h 20m	16:05	38m	16:44	39m	17:23	38m	18:01	15h 39m	11h 47m					Mi, 24. Dez
Do, 25. Dez		21:50–05:49*	7h 59m	M <sub>\</sub> bis AN <sub>-</sub>		10:53	21:50	05:49	38m	06:27	39m	07:06	38m	07:45	8h 20m	16:06	38m	16:45	39m	17:24	38m	18:02	15h 39m	11h 47m					Do, 25. Dez
Fr, 26. Dez		23:05–05:50*	6h 44m	M <sub>\</sub> bis AN <sub>-</sub>		11:09	23:05	05:49	38m	06:27	39m	07:06	38m	07:45	8h 21m	16:07	38m	16:46	39m	17:25	38m	18:03	15h 38m	11h 46m					Fr, 26. Dez
Sa, 27. Dez		00:21*–05:50*	5h 28m	M <sub>\</sub> bis AN <sub>-</sub>	◐	11:24	—:—	05:50	38m	06:28	39m	07:07	38m	07:46	8h 21m	16:07	38m	16:46	39m	17:25	38m	18:03	15h 38m	11h 46m					Sa, 27. Dez
So, 28. Dez		01:41*–05:50*	4h 08m	M <sub>\</sub> bis AN <sub>-</sub>		11:40	00:21	05:50	37m	06:28	39m	07:07	38m	07:46	8h 22m	16:08	38m	16:47	39m	17:26	38m	18:04	15h 37m	11h 46m					So, 28. Dez
Mo, 29. Dez		03:06*–05:50*	2h 44m	M <sub>\</sub> bis AN <sub>-</sub>		11:58	01:41	05:50	37m	06:28	39m	07:07	38m	07:46	8h 23m	16:09	38m	16:48	39m	17:27	37m	18:05	15h 37m	11h 45m					Mo, 29. Dez
Di, 30. Dez		04:33*–05:51*	1h 17m	M <sub>\</sub> bis AN <sub>-</sub>		12:22	03:06	05:50	37m	06:28	38m	07:07	38m	07:46	8h 23m	16:10	38m	16:49	38m	17:28	37m	18:06	15h 36m	11h 44m					Di, 30. Dez
Mi, 31. Dez		—:—:—:—	–	Mond stört		12:53	04:33	05:51	37m	06:28	38m	07:07	38m	07:46	8h 24m	16:11	38m	16:50	38m	17:28	37m	18:06	15h 35m	11h 44m					Mi, 31. Dez
Do, 1. Jan		—:—:—:—	–	Mond stört		13:39	06:00	05:51	37m	06:29	38m	07:07	38m	07:46	8h 25m	16:12	38m	16:50	38m	17:29	37m	18:07	15h 34m	11h 43m					Do, 1. Jan
Fr, 2. Jan		—:—:~:~:~	–	Mond stört		14:41	07:16	05:51	37m	06:29	38m	07:07	38m	07:46	8h 26m	16:13	38m	16:51	38m	17:30	37m	18:08	15h 33m	11h 42m					Fr, 2. Jan
Sa, 3. Jan		—:~:~:~:~	–	Mond stört	○	15:58	08:15	05:51	37m	06:29	38m	07:07	38m	07:46	8h 27m	16:14	38m	16:52	38m	17:31	37m	18:09	15h 32m	11h 41m					Sa, 3. Jan
So, 4. Jan		—:~:~:~:~	–	Mond stört		17:24	08:58	05:51	37m	06:29	38m	07:07	38m	07:46	8h 29m	16:15	38m	16:53	38m	17:32	37m	18:10	15h 30m	11h 40m					So, 4. Jan
Mo, 5. Jan		18:11–18:49	38m	AN <sub>+</sub> bis M <sub>7</sub>		18:49	09:28	05:51	37m	06:29	38m	07:07	38m	07:46	8h 30m	16:16	38m	16:54	38m	17:33	37m	18:11	15h 29m	11h 39m					Mo, 5. Jan
Di, 6. Jan		18:12–20:10	1h 58m	AN <sub>+</sub> bis M <sub>7</sub>		20:10	09:50	05:51	37m	06:28	38m	07:07	38m	07:45	8h 31m	16:17	38m	16:55	38m	17:34	37m	18:12	15h 28m	11h 38m					Di, 6. Jan
Mi, 7. Jan		18:13–21:27	3h 13m	AN <sub>+</sub> bis M <sub>7</sub>		21:27	10:07	05:51	37m	06:28	38m	07:07	38m	07:45	8h 33m	16:18	38m	16:56	38m	17:35	37m	18:13	15h 26m	11h 37m					Mi, 7. Jan
Do, 8. Jan		18:14–22:39	4h 25m	AN <sub>+</sub> bis M <sub>7</sub>		22:39	10:22	05:50	37m	06:28	38m	07:07	38m	07:45	8h 34m	16:19	38m	16:58	38m	17:36	37m	18:14	15h 24m	11h 36m					Do, 8. Jan
Fr, 9. Jan		18:15–23:49	5h 34m	AN <sub>+</sub> bis M <sub>7</sub>		23:49	10:36	05:50	37m	06:28	38m	07:06	38m	07:44	8h 36m	16:21	38m	16:59	38m	17:37	37m	18:15	15h 23m	11h 35m					Fr, 9. Jan
Sa, 10. Jan		18:16–00:58*	6h 42m	AN <sub>+</sub> bis M <sub>7</sub>	◑	—:—	10:50	05:50	37m	06:28	38m	07:06	37m	07:44	8h 37m	16:22	37m	17:00	38m	17:38	37m	18:16	15h 21m	11h 33m					Sa, 10. Jan
So, 11. Jan		18:17–02:08*	7h 50m	AN <sub>+</sub> bis M <sub>7</sub>		00:58	11:06	05:50	37m	06:27	38m	07:06	37m	07:43	8h 39m	16:23	37m	17:01	38m	17:39	37m	18:17	15h 19m	11h 32m					So, 11. Jan
Mo, 12. Jan		18:18–03:17*	8h 59m	AN <sub>+</sub> bis M <sub>7</sub>		02:08	11:24	05:49	37m	06:27	38m	07:05	37m	07:43	8h 41m	16:25	37m	17:02	38m	17:41	37m	18:18	15h 17m	11h 30m					Mo, 12. Jan
Di, 13. Jan		18:19–04:26*	10h 06m	AN <sub>+</sub> bis M <sub>7</sub>		03:17	11:46	05:49	37m	06:26	38m	07:05	37m	07:42	8h 43m	16:26	37m	17:04	38m	17:42	37m	18:19	15h 15m	11h 29m					Di, 13. Jan
Mi, 14. Jan		18:20–05:30*	11h 09m	AN <sub>+</sub> bis M <sub>7</sub>		04:26	12:16	05:49	37m	06:26	38m	07:04	37m	07:42	8h 45m	16:27	37m	17:05	38m	17:43	37m	18:20	15h 13m	11h 27m					Mi, 14. Jan
Do, 15. Jan		18:22–05:48*	11h 26m	AN <sub>+</sub> bis AN <sub>-</sub>		05:30	12:55	05:48	37m	06:26	38m	07:04	37m	07:41	8h 47m	16:29	37m	17:06	38m	17:44	37m	18:22	15h 11m	11h 26m					Do, 15. Jan
Fr, 16. Jan		18:23–05:47*	11h 24m	AN <sub>+</sub> bis AN <sub>-</sub>		06:28	13:45	05:48	37m	06:25	37m	07:03	37m	07:40	8h 49m	16:30	37m	17:07	37m	17:45	37m	18:23	15h 09m	11h 24m					Fr, 16. Jan
Sa, 17. Jan		18:24–05:47*	11h 22m	AN <sub>+</sub> bis AN <sub>-</sub>		07:15	14:46	05:47	37m	06:24	37m	07:02	37m	07:40	8h 51m	16:31	37m	17:09	37m	17:47	37m	18:24	15h 07m	11h 22m					Sa, 17. Jan
So, 18. Jan		18:25–05:46*	11h 20m	AN <sub>+</sub> bis AN <sub>-</sub>	●	07:52	15:56	05:47	37m	06:24	37m	07:02	37m	07:39	8h 54m	16:33	37m	17:10	37m	17:48	37m	18:25	15h 05m	11h 20m					So, 18. Jan
Mo, 19. Jan		18:26–05:45*	11h 19m	AN <sub>+</sub> bis AN <sub>-</sub>		08:20	17:10	05:46	37m	06:23	37m	07:01	37m	07:38	8h 56m	16:34	37m	17:11	37m	17:49	37m	18:26	15h 02m	11h 19m					Mo, 19. Jan
Di, 20. Jan		18:28–05:45*	11h 17m	AN <sub>+</sub> bis AN <sub>-</sub>		08:42	18:25	05:45	37m	06:23	37m	07:00	36m	07:37	8h 58m	16:36	36m	17:13	37m	17:51	37m	18:28	15h 00m	11h 17m					Di, 20. Jan
Mi, 21. Jan		19:41–05:44*	10h 03m	M <sub>\</sub> bis AN <sub>-</sub>		09:00	19:41	05:45	37m	06:22	37m	06:59	36m	07:36	9h 01m	16:37	36m	17:14	37m	17:52	37m	18:29	14h 57m	11h 15m					Mi, 21. Jan
Do, 22. Jan		20:56–05:43*	8h 47m	M <sub>\</sub> bis AN <sub>-</sub>		09:16	20:56	05:44	36m	06:21	37m	06:59	36m	07:35	9h 03m	16:39	36m	17:16	37m	17:53	37m	18:30	14h 55m	11h 13m					Do, 22. Jan
Fr, 23. Jan		22:11–05:43*	7h 31m	M <sub>\</sub> bis AN <sub>-</sub>		09:31	22:11	05:43	36m	06:20	37m	06:58	36m	07:34	9h 06m	16:40	36m	17:17	37m	17:54	36m	18:31	14h 52m	11h 11m					Fr, 23. Jan
Sa, 24. Jan		23:29–05:42*	6h 12m	M <sub>\</sub> bis AN <sub>-</sub>		09:46	23:29	05:43	36m	06:19	37m	06:57	36m	07:33	9h 08m	16:42	36m	17:18	37m	17:56	36m	18:33	14h 50m	11h 08m					Sa, 24. Jan
So, 25. Jan		00:50*–05:41*	4h 50m	M <sub>\</sub> bis AN <sub>-</sub>		10:03	—:—	05:42	36m	06:19	37m	06:56	36m	07:32	9h 11m	16:43	36m	17:20	37m	17:57	36m	18:34	14h 47m	11h 06m					So, 25. Jan
Mo, 26. Jan		02:14*–05:40*	3h 25m	M <sub>\</sub> bis AN <sub>-</sub>	◒	10:24	00:50	05:41	36m	06:18	37m	06:55	36m	07:31	9h 13m	16:45	36m	17:21	37m	17:59	36m	18:35	14h 44m	11h 04m					Mo, 26. Jan
Di, 27. Jan		03:39*–05:39*	2h 00m	M <sub>\</sub> bis AN <sub>-</sub>		10:51	02:14	05:40	36m	06:17	37m	06:54	36m	07:30															