

# Mond- und Dämmerungstabelle 2025

## für die visuelle Deep-Sky-Beobachtung

Amberg 49.4444° N 11.8483° 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>l</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>l</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		18:23–06:09*	11h 46m	AN <sub>+</sub> bis AN <sub>-</sub>		09:46	17:50	06:09	38m	06:48	39m	07:28	39m	08:08	8h 16m	16:24	39m	17:04	39m	17:44	38m	18:23	15h 43m	11h 46m					Mi, 1. Jan
Do, 2. Jan		19:13–06:09*	10h 56m	M <sub>\</sub> bis AN <sub>-</sub>		10:13	19:13	06:09	38m	06:48	39m	07:28	39m	08:08	8h 17m	16:25	39m	17:05	39m	17:45	38m	18:23	15h 42m	11h 45m					Do, 2. Jan
Fr, 3. Jan		20:36–06:09*	9h 32m	M <sub>\</sub> bis AN <sub>-</sub>		10:34	20:36	06:09	38m	06:48	39m	07:28	39m	08:07	8h 18m	16:26	39m	17:06	39m	17:46	38m	18:24	15h 41m	11h 44m					Fr, 3. Jan
Sa, 4. Jan		21:58–06:09*	8h 10m	M <sub>\</sub> bis AN <sub>-</sub>		10:50	21:58	06:09	38m	06:48	39m	07:28	39m	08:07	8h 19m	16:27	39m	17:07	39m	17:47	38m	18:25	15h 39m	11h 43m					Sa, 4. Jan
So, 5. Jan		23:20–06:09*	6h 49m	M <sub>\</sub> bis AN <sub>-</sub>		11:05	23:20	06:09	38m	06:48	39m	07:28	39m	08:07	8h 21m	16:28	39m	17:08	39m	17:48	38m	18:26	15h 38m	11h 42m					So, 5. Jan
Mo, 6. Jan		00:41*–06:09*	5h 27m	M <sub>\</sub> bis AN <sub>-</sub>		11:20	—:—	06:09	38m	06:48	39m	07:27	39m	08:07	8h 22m	16:30	39m	17:09	39m	17:49	38m	18:27	15h 36m	11h 41m					Mo, 6. Jan
Di, 7. Jan		02:05*–06:09*	4h 03m	M <sub>\</sub> bis AN <sub>-</sub>	☾	11:35	00:41	06:09	38m	06:48	39m	07:27	39m	08:06	8h 24m	16:31	39m	17:10	39m	17:50	38m	18:28	15h 35m	11h 40m					Di, 7. Jan
Mi, 8. Jan		03:31*–06:09*	2h 37m	M <sub>\</sub> bis AN <sub>-</sub>		11:53	02:05	06:09	38m	06:47	39m	07:27	39m	08:06	8h 26m	16:32	39m	17:11	39m	17:51	38m	18:29	15h 33m	11h 39m					Mi, 8. Jan
Do, 9. Jan		04:57*–06:08*	1h 11m	M <sub>\</sub> bis AN <sub>-</sub>		12:16	03:31	06:09	38m	06:47	39m	07:26	39m	08:06	8h 27m	16:33	39m	17:13	39m	17:52	38m	18:30	15h 31m	11h 37m					Do, 9. Jan
Fr, 10. Jan		—:—:—:—	–	Mond stört		12:48	04:57	06:08	38m	06:47	39m	07:26	39m	08:05	8h 29m	16:35	39m	17:14	39m	17:53	38m	18:32	15h 29m	11h 36m					Fr, 10. Jan
Sa, 11. Jan		—:—:—:—	–	Mond stört		13:32	06:18	06:08	38m	06:46	39m	07:26	38m	08:05	8h 31m	16:36	38m	17:15	39m	17:54	38m	18:33	15h 28m	11h 34m					Sa, 11. Jan
So, 12. Jan		—:—:~:~	–	Mond stört		14:31	07:26	06:08	38m	06:46	39m	07:25	38m	08:04	8h 33m	16:37	38m	17:16	39m	17:55	38m	18:34	15h 26m	11h 33m					So, 12. Jan
Mo, 13. Jan		—:~:~:~	–	Mond stört	☾	15:44	08:18	06:07	38m	06:45	39m	07:25	38m	08:03	8h 35m	16:39	38m	17:17	39m	17:57	38m	18:35	15h 23m	11h 31m					Mo, 13. Jan
Di, 14. Jan		—:~:~:~	–	Mond stört		17:03	08:54	06:07	38m	06:45	39m	07:24	38m	08:03	8h 37m	16:40	38m	17:19	39m	17:58	38m	18:36	15h 21m	11h 30m					Di, 14. Jan
Mi, 15. Jan		—:~:~:~	–	Mond stört		18:22	09:20	06:06	38m	06:44	38m	07:23	38m	08:02	8h 39m	16:42	38m	17:20	38m	17:59	38m	18:37	15h 19m	11h 28m					Mi, 15. Jan
Do, 16. Jan		18:39–19:38	59m	AN <sub>+</sub> bis M <sub>7</sub>		19:38	09:40	06:06	38m	06:44	38m	07:23	38m	08:01	8h 41m	16:43	38m	17:21	38m	18:00	38m	18:39	15h 17m	11h 26m					Do, 16. Jan
Fr, 17. Jan		18:40–20:50	2h 10m	AN <sub>+</sub> bis M <sub>7</sub>		20:50	09:55	06:05	38m	06:43	38m	07:22	38m	08:00	8h 44m	16:45	38m	17:23	38m	18:02	38m	18:40	15h 14m	11h 24m					Fr, 17. Jan
Sa, 18. Jan		18:41–22:00	3h 18m	AN <sub>+</sub> bis M <sub>7</sub>		22:00	10:07	06:05	38m	06:43	38m	07:21	38m	08:00	8h 46m	16:46	38m	17:24	38m	18:03	38m	18:41	15h 12m	11h 22m					Sa, 18. Jan
So, 19. Jan		18:42–23:08	4h 25m	AN <sub>+</sub> bis M <sub>7</sub>		23:08	10:19	06:04	37m	06:42	38m	07:21	38m	07:59	8h 48m	16:48	38m	17:26	38m	18:04	37m	18:42	15h 10m	11h 20m					So, 19. Jan
Mo, 20. Jan		18:44–00:16*	5h 32m	AN <sub>+</sub> bis M <sub>7</sub>		—:—	10:31	06:03	37m	06:41	38m	07:20	37m	07:58	8h 51m	16:49	37m	17:27	38m	18:06	37m	18:44	15h 07m	11h 18m					Mo, 20. Jan
Di, 21. Jan		18:45–01:25*	6h 40m	AN <sub>+</sub> bis M <sub>7</sub>	☾	00:16	10:43	06:03	37m	06:40	38m	07:19	37m	07:57	8h 53m	16:51	37m	17:29	38m	18:07	37m	18:45	15h 05m	11h 16m					Di, 21. Jan
Mi, 22. Jan		18:46–02:36*	7h 49m	AN <sub>+</sub> bis M <sub>7</sub>		01:25	10:58	06:02	37m	06:40	38m	07:18	37m	07:56	8h 56m	16:52	37m	17:30	38m	18:08	37m	18:46	15h 02m	11h 14m					Mi, 22. Jan
Do, 23. Jan		18:48–03:49*	9h 01m	AN <sub>+</sub> bis M <sub>7</sub>		02:36	11:17	06:01	37m	06:39	38m	07:17	37m	07:55	8h 59m	16:54	37m	17:31	38m	18:10	37m	18:48	14h 59m	11h 12m					Do, 23. Jan
Fr, 24. Jan		18:49–05:00*	10h 11m	AN <sub>+</sub> bis M <sub>7</sub>		03:49	11:42	06:00	37m	06:38	38m	07:16	37m	07:54	9h 01m	16:55	37m	17:33	38m	18:11	37m	18:49	14h 56m	11h 10m					Fr, 24. Jan
Sa, 25. Jan		18:50–05:58*	11h 08m	AN <sub>+</sub> bis AN <sub>-</sub>		05:00	12:17	05:59	37m	06:37	38m	07:15	37m	07:52	9h 04m	16:57	37m	17:34	38m	18:13	37m	18:50	14h 54m	11h 08m					Sa, 25. Jan
So, 26. Jan		18:52–05:57*	11h 05m	AN <sub>+</sub> bis AN <sub>-</sub>		06:06	13:06	05:58	37m	06:36	38m	07:14	37m	07:51	9h 07m	16:59	37m	17:36	38m	18:14	37m	18:52	14h 51m	11h 05m					So, 26. Jan
Mo, 27. Jan		18:53–05:56*	11h 03m	AN <sub>+</sub> bis AN <sub>-</sub>		07:01	14:10	05:57	37m	06:35	37m	07:13	37m	07:50	9h 10m	17:00	37m	17:37	37m	18:15	37m	18:53	14h 48m	11h 03m					Mo, 27. Jan
Di, 28. Jan		18:54–05:55*	11h 00m	AN <sub>+</sub> bis AN <sub>-</sub>		07:43	15:26	05:56	37m	06:34	37m	07:12	36m	07:49	9h 13m	17:02	36m	17:39	37m	18:17	37m	18:54	14h 45m	11h 00m					Di, 28. Jan
Mi, 29. Jan		18:56–05:54*	10h 58m	AN <sub>+</sub> bis AN <sub>-</sub>	☾	08:14	16:50	05:55	37m	06:33	37m	07:11	36m	07:47	9h 16m	17:04	36m	17:40	37m	18:18	37m	18:56	14h 42m	10h 58m					Mi, 29. Jan
Do, 30. Jan		18:57–05:53*	10h 55m	AN <sub>+</sub> bis AN <sub>-</sub>		08:37	18:16	05:54	37m	06:32	37m	07:09	36m	07:46	9h 19m	17:05	36m	17:42	37m	18:20	37m	18:57	14h 39m	10h 55m					Do, 30. Jan
Fr, 31. Jan		19:41–05:52*	10h 10m	M <sub>\</sub> bis AN <sub>-</sub>		08:56	19:41	05:53	37m	06:31	37m	07:08	36m	07:45	9h 22m	17:07	36m	17:44	37m	18:21	37m	18:59	14h 36m	10h 53m					Fr, 31. Jan
Sa, 1. Feb		21:05–05:51*	8h 45m	M <sub>\</sub> bis AN <sub>-</sub>		09:12	21:05	05:52	37m	06:29	37m	07:07	36m	07:43	9h 25m	17:09	36m	17:45	37m	18:23	37m	19:00	14h 33m	10h 50m					Sa, 1. Feb
So, 2. Feb		22:29–05:50*	7h 20m	M <sub>\</sub> bis AN <sub>-</sub>		09:26	22:29	05:51	37m	06:28	37m	07:06	36m	07:42	9h 28m	17:10	36m	17:47	37m	18:24	37m	19:02	14h 30m	10h 48m					So, 2. Feb
Mo, 3. Feb		23:53–05:48*	5h 55m	M <sub>\</sub> bis AN <sub>-</sub>		09:41	23:53	05:50	37m	06:27	37m	07:04	36m	07:40	9h 31m	17:12	36m	17:48	37m	18:26	37m	19:03	14h 26m	10h 45m					Mo, 3. Feb
Di, 4. Feb		01:19*–05:47*	4h 28m	M <sub>\</sub> bis AN <sub>-</sub>		09:58	—:—	05:48	37m	06:26	37m	07:03	36m	07:39	9h 34m	17:14	36m	17:50	37m	18:27	37m	19:04	14h 23m	10h 42m					Di, 4. Feb
Mi, 5. Feb		02:45*–05:46*	3h 01m	M <sub>\</sub> bis AN <sub>-</sub>	☾	10:20	01:19	05:47	37m	06:24	37m	07:01	36m	07:37	9h 37m	17:15	36m	17:51	37m	18:29	37m	19:06	14h 20m	10h 39m					Mi, 5. Feb
Do, 6. Feb		04:06*–05:44*	1h 37m	M <sub>\</sub> bis AN <sub>-</sub>		10:48	02:45	05:46	37m	06:23	37m	07:00	35m	07:36	9h 41m	17:17	35m	17:53	37m	18:30	37m	19:07	14h 17m	10h 37m					Do, 6. Feb
Fr, 7. Feb		05:18*–05:43*	25m	M <sub>\</sub> bis AN <sub>-</sub>		11:27	04:06	05:44	37m	06:21	37m	06:59	35m	07:34	9h 44m	17:19	35m	17:55	37m	18:32	37m	19:09	14h 13m	10h 34m					Fr, 7. Feb
Sa, 8. Feb		—:~:~:~	–	Mond stört		12:20	05:18	05:43	37m	06:20	37m	06:57	35m	07:33	9h 47m	17:20	35m	17:56	37m	18:33	37m	19:10	14h 10m	10h 31m					Sa, 8. Feb
So, 9. Feb		—:~:~:~	–	Mond stört		13:27	06:14	05:42	37m	06:19	36m	06:56	35m	07:31	9h 51m	17:22	35m	17:58	37m	18:35	37m	19:12	14h 07m	10h 28m					So, 9. Feb
Mo, 10. Feb		—:~:~:~	–	Mond stört		14:43	06:54	05:40	36m	06:17	36m	06:54	35m	07:29	9h 54m	17:24	35m	17:59	36m	18:36	37m	19:13	14h 03m	10h 25m					Mo, 10. Feb
Di, 11. Feb		—:~:~:~	–	Mond stört		16:02	07:23	05:39	36m	06:16	36m	06:52	35m	07:28	9h 57m	17:26	35m	18:01	36m	18:38	37m	19:15	14h 00m	10h 22m					Di, 11. Feb
Mi, 12.																													

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

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

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

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

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		21:27–05:06*	7h 39m	M <sub>\</sub> bis AN <sub>\</sub>		13:40	21:27	05:05	37m	05:42	36m	06:19	35m	06:54	10h 03m	16:57	35m	17:32	36m	18:09	36m	18:46	13h 58m	10h 20m				Di, 28. Okt
Mi, 29. Okt		22:42–05:08*	6h 25m	M <sub>\</sub> bis AN <sub>\</sub>	☾	14:08	22:42	05:06	37m	05:43	36m	06:20	35m	06:55	10h 00m	16:56	35m	17:31	36m	18:08	36m	18:45	14h 01m	10h 23m				Mi, 29. Okt
Do, 30. Okt		00:00*–05:09*	5h 08m	M <sub>\</sub> bis AN <sub>\</sub>		14:29	—:—	05:08	37m	05:45	36m	06:22	35m	06:57	9h 56m	16:54	35m	17:29	36m	18:06	36m	18:43	14h 04m	10h 26m				Do, 30. Okt
Fr, 31. Okt		01:20*–05:11*	3h 51m	M <sub>\</sub> bis AN <sub>\</sub>		14:46	00:00	05:09	37m	05:46	36m	06:23	35m	06:59	9h 53m	16:52	35m	17:28	36m	18:05	37m	18:42	14h 08m	10h 29m				Fr, 31. Okt
Sa, 1. Nov		02:40*–05:12*	2h 31m	M <sub>\</sub> bis AN <sub>\</sub>		15:02	01:20	05:11	37m	05:48	37m	06:25	35m	07:00	9h 50m	16:50	35m	17:26	36m	18:03	37m	18:40	14h 11m	10h 31m				Sa, 1. Nov
So, 2. Nov		04:04*–05:13*	1h 09m	M <sub>\</sub> bis AN <sub>\</sub>		15:16	02:40	05:12	37m	05:49	37m	06:26	35m	07:02	9h 46m	16:49	35m	17:24	37m	18:02	37m	18:39	14h 14m	10h 34m				So, 2. Nov
Mo, 3. Nov		—:—:—:—	–	Mond stört		15:32	04:04	05:13	37m	05:51	37m	06:28	35m	07:04	9h 43m	16:47	35m	17:23	37m	18:00	37m	18:37	14h 17m	10h 37m				Mo, 3. Nov
Di, 4. Nov		—:—:—:—	–	Mond stört		15:50	05:31	05:15	37m	05:52	37m	06:29	35m	07:05	9h 40m	16:46	35m	17:21	37m	17:59	37m	18:36	14h 21m	10h 40m				Di, 4. Nov
Mi, 5. Nov		—:—:—:—	–	Mond stört	☾	16:13	07:03	05:16	37m	05:53	37m	06:31	36m	07:07	9h 37m	16:44	36m	17:20	37m	17:57	37m	18:34	14h 24m	10h 43m				Mi, 5. Nov
Do, 6. Nov		—:~:~:~:~	–	Mond stört		16:45	08:37	05:18	37m	05:55	37m	06:32	36m	07:08	9h 34m	16:42	36m	17:19	37m	17:56	37m	18:33	14h 27m	10h 45m				Do, 6. Nov
Fr, 7. Nov		—:~:~:~:~	–	Mond stört		17:29	10:07	05:19	37m	05:56	37m	06:34	36m	07:10	9h 30m	16:41	36m	17:17	37m	17:55	37m	18:32	14h 30m	10h 48m				Fr, 7. Nov
Sa, 8. Nov		18:31–18:31	0m	AN <sub>+</sub> bis M <sub>7</sub>		18:31	11:23	05:20	37m	05:58	37m	06:35	36m	07:12	9h 27m	16:39	36m	17:16	37m	17:53	37m	18:31	14h 33m	10h 51m				Sa, 8. Nov
So, 9. Nov		18:29–19:47	1h 17m	AN <sub>+</sub> bis M <sub>7</sub>		19:47	12:20	05:22	37m	05:59	37m	06:37	36m	07:13	9h 24m	16:38	36m	17:15	37m	17:52	37m	18:29	14h 36m	10h 53m				So, 9. Nov
Mo, 10. Nov		18:28–21:09	2h 40m	AN <sub>+</sub> bis M <sub>7</sub>		21:09	13:00	05:23	37m	06:01	37m	06:38	36m	07:15	9h 21m	16:37	36m	17:13	37m	17:51	37m	18:28	14h 39m	10h 56m				Mo, 10. Nov
Di, 11. Nov		18:27–22:31	4h 03m	AN <sub>+</sub> bis M <sub>7</sub>		22:31	13:27	05:25	37m	06:02	37m	06:40	36m	07:16	9h 18m	16:35	36m	17:12	37m	17:50	37m	18:27	14h 42m	10h 58m				Di, 11. Nov
Mi, 12. Nov		18:26–23:49	5h 22m	AN <sub>+</sub> bis M <sub>7</sub>	☾	23:49	13:47	05:26	37m	06:03	37m	06:41	36m	07:18	9h 15m	16:34	36m	17:11	37m	17:49	37m	18:26	14h 45m	11h 01m				Mi, 12. Nov
Do, 13. Nov		18:25–01:03*	6h 37m	AN <sub>+</sub> bis M <sub>7</sub>		—:—	14:02	05:27	37m	06:05	37m	06:43	36m	07:20	9h 12m	16:33	36m	17:10	37m	17:47	37m	18:25	14h 48m	11h 03m				Do, 13. Nov
Fr, 14. Nov		18:24–02:13*	7h 49m	AN <sub>+</sub> bis M <sub>7</sub>		01:03	14:15	05:29	37m	06:06	37m	06:44	37m	07:21	9h 10m	16:31	37m	17:08	37m	17:46	37m	18:24	14h 51m	11h 05m				Fr, 14. Nov
Sa, 15. Nov		18:23–03:22*	8h 59m	AN <sub>+</sub> bis M <sub>7</sub>		02:13	14:28	05:30	37m	06:08	38m	06:46	37m	07:23	9h 07m	16:30	37m	17:07	38m	17:45	37m	18:23	14h 54m	11h 08m				Sa, 15. Nov
So, 16. Nov		18:22–04:31*	10h 09m	AN <sub>+</sub> bis M <sub>7</sub>		03:22	14:40	05:31	37m	06:09	38m	06:47	37m	07:24	9h 04m	16:29	37m	17:06	38m	17:44	37m	18:22	14h 57m	11h 10m				So, 16. Nov
Mo, 17. Nov		18:21–05:34*	11h 12m	AN <sub>+</sub> bis AN <sub>\</sub>		04:31	14:53	05:33	37m	06:10	38m	06:49	37m	07:26	9h 01m	16:28	37m	17:05	38m	17:43	37m	18:21	14h 59m	11h 12m				Mo, 17. Nov
Di, 18. Nov		18:20–05:35*	11h 14m	AN <sub>+</sub> bis AN <sub>\</sub>		05:41	15:09	05:34	37m	06:12	38m	06:50	37m	07:28	8h 59m	16:27	37m	17:04	38m	17:42	37m	18:20	15h 02m	11h 14m				Di, 18. Nov
Mi, 19. Nov		18:19–05:36*	11h 16m	AN <sub>+</sub> bis AN <sub>\</sub>		06:52	15:28	05:35	37m	06:13	38m	06:51	37m	07:29	8h 56m	16:25	37m	17:03	38m	17:42	37m	18:19	15h 05m	11h 16m				Mi, 19. Nov
Do, 20. Nov		18:19–05:38*	11h 19m	AN <sub>+</sub> bis AN <sub>\</sub>	☾	08:02	15:54	05:36	37m	06:14	38m	06:53	37m	07:31	8h 53m	16:24	37m	17:02	38m	17:41	37m	18:19	15h 07m	11h 19m				Do, 20. Nov
Fr, 21. Nov		18:18–05:39*	11h 21m	AN <sub>+</sub> bis AN <sub>\</sub>		09:10	16:28	05:38	37m	06:16	38m	06:54	37m	07:32	8h 51m	16:23	37m	17:01	38m	17:40	37m	18:18	15h 10m	11h 21m				Fr, 21. Nov
Sa, 22. Nov		18:17–05:40*	11h 22m	AN <sub>+</sub> bis AN <sub>\</sub>		10:10	17:13	05:39	37m	06:17	38m	06:56	38m	07:34	8h 48m	16:22	38m	17:01	38m	17:39	37m	18:17	15h 12m	11h 22m				Sa, 22. Nov
So, 23. Nov		18:17–05:41*	11h 24m	AN <sub>+</sub> bis AN <sub>\</sub>		11:01	18:10	05:40	38m	06:18	38m	06:57	38m	07:35	8h 46m	16:22	38m	17:00	38m	17:38	38m	18:17	15h 15m	11h 24m				So, 23. Nov
Mo, 24. Nov		19:17–05:43*	10h 25m	M <sub>\</sub> bis AN <sub>\</sub>		11:40	19:17	05:41	38m	06:19	38m	06:58	38m	07:37	8h 44m	16:21	38m	16:59	38m	17:38	38m	18:16	15h 17m	11h 26m				Mo, 24. Nov
Di, 25. Nov		20:30–05:44*	9h 14m	M <sub>\</sub> bis AN <sub>\</sub>		12:10	20:30	05:43	38m	06:21	38m	07:00	38m	07:38	8h 41m	16:20	38m	16:58	38m	17:37	38m	18:15	15h 19m	11h 28m				Di, 25. Nov
Mi, 26. Nov		21:45–05:45*	7h 59m	M <sub>\</sub> bis AN <sub>\</sub>		12:32	21:45	05:44	38m	06:22	38m	07:01	38m	07:39	8h 39m	16:19	38m	16:58	38m	17:37	38m	18:15	15h 21m	11h 30m				Mi, 26. Nov
Do, 27. Nov		23:01–05:46*	6h 44m	M <sub>\</sub> bis AN <sub>\</sub>		12:51	23:01	05:45	38m	06:23	39m	07:02	38m	07:41	8h 37m	16:18	38m	16:57	39m	17:36	38m	18:14	15h 23m	11h 31m				Do, 27. Nov
Fr, 28. Nov		00:18*–05:47*	5h 28m	M <sub>\</sub> bis AN <sub>\</sub>	☾	13:06	—:—	05:46	38m	06:24	39m	07:03	38m	07:42	8h 35m	16:18	38m	16:56	39m	17:36	38m	18:14	15h 26m	11h 33m				Fr, 28. Nov
Sa, 29. Nov		01:37*–05:48*	4h 11m	M <sub>\</sub> bis AN <sub>\</sub>		13:20	00:18	05:47	38m	06:26	39m	07:05	38m	07:44	8h 33m	16:17	38m	16:56	39m	17:35	38m	18:13	15h 27m	11h 34m				Sa, 29. Nov
So, 30. Nov		02:59*–05:49*	2h 50m	M <sub>\</sub> bis AN <sub>\</sub>		13:35	01:37	05:48	38m	06:27	39m	07:06	38m	07:45	8h 31m	16:16	38m	16:55	39m	17:35	38m	18:13	15h 29m	11h 36m				So, 30. Nov
Mo, 1. Dez		04:26*–05:50*	1h 24m	M <sub>\</sub> bis AN <sub>\</sub>		13:51	02:59	05:49	38m	06:28	39m	07:07	39m	07:46	8h 29m	16:16	39m	16:55	39m	17:34	38m	18:13	15h 31m	11h 37m				Mo, 1. Dez
Di, 2. Dez		—:~:~:~:~	–	Mond stört		14:11	04:26	05:50	38m	06:29	39m	07:08	39m	07:48	8h 27m	16:15	39m	16:54	39m	17:34	38m	18:12	15h 33m	11h 39m				Di, 2. Dez
Mi, 3. Dez		—:~:~:~:~	–	Mond stört		14:37	05:57	05:52	38m	06:30	39m	07:10	39m	07:49	8h 26m	16:15	39m	16:54	39m	17:34	38m	18:12	15h 35m	11h 40m				Mi, 3. Dez
Do, 4. Dez		—:~:~:~:~	–	Mond stört		15:15	07:30	05:53	38m	06:31	39m	07:11	39m	07:50	8h 24m	16:14	39m	16:54	39m	17:33	38m	18:12	15h 36m	11h 41m				Do, 4. Dez
Fr, 5. Dez		—:~:~:~:~	–	Mond stört	☾	16:09	08:55	05:54	38m	06:32	39m	07:12	39m	07:51	8h 22m	16:14	39m	16:54	39m	17:33	38m	18:12	15h 38m	11h 42m				Fr, 5. Dez
Sa, 6. Dez		—:~:~:~:~	–	Mond stört		17:20	10:04	05:55	38m	06:33	39m	07:13	39m	07:52	8h 21m	16:14	39m	16:53	39m	17:33	38m	18:12	15h 39m	11h 43m				Sa, 6. Dez
So, 7. Dez		18:12–18:43	31m	AN <sub>+</sub> bis M <sub>7</sub>		18:43	10:53	05:55	38m	06:34	39m	07:14	39m	07:53	8h 20m	16:14	39m	16:53	39m	17:33	38m	18:12	15h 41m	11h 44m				So, 7. Dez
Mo, 8. Dez		18:12–20:09	1h 57m	AN <sub>+</sub> bis M <sub>7</sub>		20:09	11:26	05:56	38m	06:35	39m	07:15	39m	07:55	8h 18m	16:13	39m	16:53	39m	17:33	38m	18:12	15h 42m	11h 45m				Mo, 8. Dez
Di, 9. Dez		18:12–21:32	3h 20m	AN <sub>+</sub> bis M <sub>7</sub>		21:32	11:50	05:57	38m	06:36	39m	07:16	39m	07:56	8h 17													



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