

# Mond- und Dämmerungstabelle 2025

## für die visuelle Deep-Sky-Beobachtung

Fürth 49.4783° N 10.9903° 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		18:26–06:13*	11h 46m	AN <sub>+</sub> bis AN <sub>-</sub>		09:49	17:54	06:13	38m	06:51	39m	07:31	39m	08:11	8h 16m	16:27	39m	17:07	39m	17:47	38m	18:26	15h 43m	11h 46m					Mi, 1. Jan
Do, 2. Jan		19:17–06:13*	10h 56m	M <sub>\</sub> bis AN <sub>-</sub>		10:17	19:17	06:13	38m	06:52	39m	07:31	39m	08:11	8h 17m	16:28	39m	17:08	39m	17:48	38m	18:27	15h 42m	11h 45m					Do, 2. Jan
Fr, 3. Jan		20:40–06:13*	9h 32m	M <sub>\</sub> bis AN <sub>-</sub>		10:37	20:40	06:13	38m	06:52	39m	07:31	39m	08:11	8h 18m	16:29	39m	17:09	39m	17:49	38m	18:28	15h 41m	11h 45m					Fr, 3. Jan
Sa, 4. Jan		22:02–06:13*	8h 10m	M <sub>\</sub> bis AN <sub>-</sub>		10:54	22:02	06:13	38m	06:51	39m	07:31	39m	08:11	8h 19m	16:31	39m	17:10	39m	17:50	38m	18:29	15h 40m	11h 43m					Sa, 4. Jan
So, 5. Jan		23:23–06:13*	6h 49m	M <sub>\</sub> bis AN <sub>-</sub>		11:09	23:23	06:13	38m	06:51	39m	07:31	39m	08:11	8h 21m	16:32	39m	17:11	39m	17:51	38m	18:30	15h 38m	11h 42m					So, 5. Jan
Mo, 6. Jan		00:45*–06:12*	5h 27m	M <sub>\</sub> bis AN <sub>-</sub>		11:23	—:—	06:13	38m	06:51	39m	07:31	39m	08:10	8h 22m	16:33	39m	17:12	39m	17:52	38m	18:31	15h 37m	11h 41m					Mo, 6. Jan
Di, 7. Jan		02:09*–06:12*	4h 03m	M <sub>\</sub> bis AN <sub>-</sub>	☾	11:38	00:45	06:12	38m	06:51	39m	07:31	39m	08:10	8h 24m	16:34	39m	17:13	39m	17:53	38m	18:32	15h 35m	11h 40m					Di, 7. Jan
Mi, 8. Jan		03:35*–06:12*	2h 37m	M <sub>\</sub> bis AN <sub>-</sub>		11:56	02:09	06:12	38m	06:51	39m	07:30	39m	08:10	8h 25m	16:35	39m	17:15	39m	17:54	38m	18:33	15h 33m	11h 39m					Mi, 8. Jan
Do, 9. Jan		05:01*–06:12*	1h 11m	M <sub>\</sub> bis AN <sub>-</sub>		12:20	03:35	06:12	38m	06:51	39m	07:30	39m	08:09	8h 27m	16:37	39m	17:16	39m	17:55	38m	18:34	15h 32m	11h 37m					Do, 9. Jan
Fr, 10. Jan		—:—:—:—	–	Mond stört		12:51	05:01	06:12	38m	06:50	39m	07:30	39m	08:09	8h 29m	16:38	39m	17:17	39m	17:56	38m	18:35	15h 30m	11h 36m					Fr, 10. Jan
Sa, 11. Jan		—:—:—:—	–	Mond stört		13:35	06:21	06:11	38m	06:50	39m	07:29	39m	08:08	8h 31m	16:39	39m	17:18	39m	17:58	38m	18:36	15h 28m	11h 35m					Sa, 11. Jan
So, 12. Jan		—:—:—:—	–	Mond stört		14:35	07:30	06:11	38m	06:49	39m	07:29	38m	08:08	8h 33m	16:41	38m	17:20	39m	17:59	38m	18:37	15h 26m	11h 33m					So, 12. Jan
Mo, 13. Jan		—:—:~:~	–	Mond stört	☾	15:47	08:21	06:11	38m	06:49	39m	07:28	38m	08:07	8h 35m	16:42	38m	17:21	39m	18:00	38m	18:38	15h 24m	11h 31m					Mo, 13. Jan
Di, 14. Jan		—:~:~:~	–	Mond stört		17:06	08:58	06:10	38m	06:48	39m	07:28	38m	08:06	8h 37m	16:43	38m	17:22	39m	18:01	38m	18:40	15h 22m	11h 30m					Di, 14. Jan
Mi, 15. Jan		—:~:~:~	–	Mond stört		18:25	09:24	06:10	38m	06:48	39m	07:27	38m	08:06	8h 39m	16:45	38m	17:23	39m	18:02	38m	18:41	15h 19m	11h 28m					Mi, 15. Jan
Do, 16. Jan		18:42–19:41	59m	AN <sub>+</sub> bis M <sub>7</sub>		19:41	09:43	06:09	38m	06:47	38m	07:26	38m	08:05	8h 41m	16:46	38m	17:25	38m	18:04	38m	18:42	15h 17m	11h 26m					Do, 16. Jan
Fr, 17. Jan		18:43–20:54	2h 10m	AN <sub>+</sub> bis M <sub>7</sub>		20:54	09:58	06:09	38m	06:47	38m	07:26	38m	08:04	8h 43m	16:48	38m	17:26	38m	18:05	38m	18:43	15h 15m	11h 24m					Fr, 17. Jan
Sa, 18. Jan		18:44–22:03	3h 18m	AN <sub>+</sub> bis M <sub>7</sub>		22:03	10:11	06:08	38m	06:46	38m	07:25	38m	08:03	8h 46m	16:49	38m	17:28	38m	18:06	38m	18:44	15h 12m	11h 22m					Sa, 18. Jan
So, 19. Jan		18:46–23:11	4h 25m	AN <sub>+</sub> bis M <sub>7</sub>		23:11	10:22	06:07	37m	06:45	38m	07:24	38m	08:02	8h 48m	16:51	38m	17:29	38m	18:08	38m	18:46	15h 10m	11h 21m					So, 19. Jan
Mo, 20. Jan		18:47–00:19*	5h 32m	AN <sub>+</sub> bis M <sub>7</sub>		—:—	10:34	06:07	37m	06:45	38m	07:23	37m	08:01	8h 51m	16:52	37m	17:30	38m	18:09	37m	18:47	15h 07m	11h 19m					Mo, 20. Jan
Di, 21. Jan		18:48–01:29*	6h 40m	AN <sub>+</sub> bis M <sub>7</sub>	☾	00:19	10:47	06:06	37m	06:44	38m	07:22	37m	08:00	8h 53m	16:54	37m	17:32	38m	18:10	37m	18:48	15h 05m	11h 16m					Di, 21. Jan
Mi, 22. Jan		18:50–02:40*	7h 50m	AN <sub>+</sub> bis M <sub>7</sub>		01:29	11:02	06:05	37m	06:43	38m	07:22	37m	07:59	8h 56m	16:56	37m	17:33	38m	18:12	37m	18:50	15h 02m	11h 14m					Mi, 22. Jan
Do, 23. Jan		18:51–03:52*	9h 01m	AN <sub>+</sub> bis M <sub>7</sub>		02:40	11:20	06:04	37m	06:42	38m	07:21	37m	07:58	8h 58m	16:57	37m	17:35	38m	18:13	37m	18:51	14h 59m	11h 12m					Do, 23. Jan
Fr, 24. Jan		18:52–05:04*	10h 11m	AN <sub>+</sub> bis M <sub>7</sub>		03:52	11:45	06:04	37m	06:41	38m	07:20	37m	07:57	9h 01m	16:59	37m	17:36	38m	18:15	37m	18:52	14h 57m	11h 10m					Fr, 24. Jan
Sa, 25. Jan		18:54–06:02*	11h 08m	AN <sub>+</sub> bis AN <sub>-</sub>		05:04	12:20	06:03	37m	06:40	38m	07:19	37m	07:56	9h 04m	17:00	37m	17:38	38m	18:16	37m	18:54	14h 54m	11h 08m					Sa, 25. Jan
So, 26. Jan		18:55–06:01*	11h 05m	AN <sub>+</sub> bis AN <sub>-</sub>		06:10	13:09	06:02	37m	06:39	38m	07:17	37m	07:55	9h 07m	17:02	37m	17:39	38m	18:17	37m	18:55	14h 51m	11h 05m					So, 26. Jan
Mo, 27. Jan		18:56–06:00*	11h 03m	AN <sub>+</sub> bis AN <sub>-</sub>		07:05	14:13	06:01	37m	06:38	37m	07:16	37m	07:54	9h 10m	17:04	37m	17:41	38m	18:19	37m	18:56	14h 48m	11h 03m					Mo, 27. Jan
Di, 28. Jan		18:58–05:59*	11h 00m	AN <sub>+</sub> bis AN <sub>-</sub>		07:47	15:30	06:00	37m	06:37	37m	07:15	36m	07:52	9h 13m	17:05	37m	17:42	37m	18:20	37m	18:58	14h 45m	11h 00m					Di, 28. Jan
Mi, 29. Jan		18:59–05:58*	10h 58m	AN <sub>+</sub> bis AN <sub>-</sub>	☾	08:18	16:54	05:59	37m	06:36	37m	07:14	36m	07:51	9h 16m	17:07	36m	17:44	37m	18:22	37m	18:59	14h 42m	10h 58m					Mi, 29. Jan
Do, 30. Jan		19:01–05:57*	10h 55m	AN <sub>+</sub> bis AN <sub>-</sub>		08:41	18:20	05:58	37m	06:35	37m	07:13	36m	07:50	9h 18m	17:09	36m	17:45	37m	18:23	37m	19:01	14h 39m	10h 55m					Do, 30. Jan
Fr, 31. Jan		19:45–05:55*	10h 10m	M <sub>\</sub> bis AN <sub>-</sub>		08:59	19:45	05:57	37m	06:34	37m	07:12	36m	07:48	9h 22m	17:10	36m	17:47	37m	18:25	37m	19:02	14h 36m	10h 53m					Fr, 31. Jan
Sa, 1. Feb		21:09–05:54*	8h 45m	M <sub>\</sub> bis AN <sub>-</sub>		09:15	21:09	05:55	37m	06:33	37m	07:10	36m	07:47	9h 25m	17:12	36m	17:48	37m	18:26	37m	19:03	14h 33m	10h 50m					Sa, 1. Feb
So, 2. Feb		22:33–05:53*	7h 20m	M <sub>\</sub> bis AN <sub>-</sub>		09:30	22:33	05:54	37m	06:32	37m	07:09	36m	07:45	9h 28m	17:14	36m	17:50	37m	18:28	37m	19:05	14h 30m	10h 48m					So, 2. Feb
Mo, 3. Feb		23:57–05:52*	5h 54m	M <sub>\</sub> bis AN <sub>-</sub>		09:45	23:57	05:53	37m	06:30	37m	07:08	36m	07:44	9h 31m	17:15	36m	17:52	37m	18:29	37m	19:06	14h 27m	10h 45m					Mo, 3. Feb
Di, 4. Feb		01:23*–05:51*	4h 27m	M <sub>\</sub> bis AN <sub>-</sub>		10:02	—:—	05:52	37m	06:29	37m	07:06	36m	07:43	9h 34m	17:17	36m	17:53	37m	18:31	37m	19:08	14h 23m	10h 42m					Di, 4. Feb
Mi, 5. Feb		02:48*–05:49*	3h 00m	M <sub>\</sub> bis AN <sub>-</sub>	☾	10:23	01:23	05:51	37m	06:28	37m	07:05	36m	07:41	9h 37m	17:19	36m	17:55	37m	18:32	37m	19:09	14h 20m	10h 39m					Mi, 5. Feb
Do, 6. Feb		04:10*–05:48*	1h 37m	M <sub>\</sub> bis AN <sub>-</sub>		10:51	02:48	05:49	37m	06:26	37m	07:04	35m	07:39	9h 40m	17:20	35m	17:56	37m	18:34	37m	19:11	14h 17m	10h 37m					Do, 6. Feb
Fr, 7. Feb		05:22*–05:46*	24m	M <sub>\</sub> bis AN <sub>-</sub>		11:30	04:10	05:48	37m	06:25	37m	07:02	35m	07:38	9h 44m	17:22	35m	17:58	37m	18:35	37m	19:12	14h 14m	10h 34m					Fr, 7. Feb
Sa, 8. Feb		—:~:~:~	–	Mond stört		12:23	05:22	05:46	37m	06:24	37m	07:01	35m	07:36	9h 47m	17:24	35m	18:00	37m	18:37	37m	19:14	14h 10m	10h 31m					Sa, 8. Feb
So, 9. Feb		—:~:~:~	–	Mond stört		13:30	06:18	05:45	37m	06:22	36m	06:59	35m	07:35	9h 50m	17:25	35m	18:01	37m	18:38	37m	19:15	14h 07m	10h 28m					So, 9. Feb
Mo, 10. Feb		—:~:~:~	–	Mond stört		14:46	06:58	05:44	37m	06:21	36m	06:57	35m	07:33	9h 54m	17:27	35m	18:03	36m	18:40	37m	19:17	14h 04m	10h 25m					Mo, 10. Feb
Di, 11. Feb		—:~:~:~	–	Mond stört		16:05	07:27	05:42	37m	06:19	36m	06:56	35m	07:31	9h 57m	17:29	35m	18:04	36m	18:41	37m	19:18	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		19:32–02:46*	7h 14m	AN <sub>+</sub> bis M <sub>7</sub>	☾	01:35	09:45	05:27	36m	06:04	36m	06:41	34m	07:15	10h 28m	17:44	34m	18:19	36m	18:55	37m	19:32	13h 29m	9h 53m				Do, 20. Feb
Fr, 21. Feb		19:34–03:54*	8h 20m	AN <sub>+</sub> bis M <sub>7</sub>		02:46	10:14	05:25	36m	06:02	36m	06:39	34m	07:13	10h 32m	17:46	34m	18:20	36m	18:57	37m	19:34	13h 25m	9h 49m				Fr, 21. Feb
Sa, 22. Feb		19:35–04:53*	9h 18m	AN <sub>+</sub> bis M <sub>7</sub>		03:54	10:56	05:24	36m	06:01	36m	06:37	34m	07:11	10h 35m	17:47	34m	18:22	36m	18:58	37m	19:35	13h 22m	9h 46m				Sa, 22. Feb
So, 23. Feb		19:37–05:20*	9h 43m	AN <sub>+</sub> bis AN <sub>-</sub>		04:53	11:52	05:22	36m	05:59	36m	06:35	34m	07:09	10h 39m	17:49	34m	18:23	36m	19:00	37m	19:37	13h 18m	9h 43m				So, 23. Feb
Mo, 24. Feb		19:38–05:18*	9h 39m	AN <sub>+</sub> bis AN <sub>-</sub>		05:40	13:02	05:20	36m	05:57	36m	06:33	34m	07:08	10h 43m	17:51	34m	18:25	36m	19:01	37m	19:38	13h 14m	9h 39m				Mo, 24. Feb
Di, 25. Feb		19:40–05:16*	9h 36m	AN <sub>+</sub> bis AN <sub>-</sub>		06:16	14:23	05:18	37m	05:55	36m	06:31	34m	07:06	10h 46m	17:52	34m	18:27	36m	19:03	37m	19:40	13h 11m	9h 36m				Di, 25. Feb
Mi, 26. Feb		19:42–05:14*	9h 32m	AN <sub>+</sub> bis AN <sub>-</sub>		06:42	15:49	05:16	37m	05:53	36m	06:29	34m	07:04	10h 50m	17:54	34m	18:28	36m	19:04	37m	19:42	13h 07m	9h 32m				Mi, 26. Feb
Do, 27. Feb		19:43–05:12*	9h 28m	AN <sub>+</sub> bis AN <sub>-</sub>		07:03	17:16	05:14	37m	05:51	36m	06:27	34m	07:02	10h 53m	17:56	34m	18:30	36m	19:06	37m	19:43	13h 04m	9h 28m				Do, 27. Feb
Fr, 28. Feb		19:45–05:10*	9h 25m	AN <sub>+</sub> bis AN <sub>-</sub>	☉	07:20	18:43	05:12	37m	05:49	36m	06:26	34m	07:00	10h 57m	17:57	34m	18:31	36m	19:08	37m	19:45	13h 00m	9h 25m				Fr, 28. Feb
Sa, 1. Mär		20:09–05:08*	8h 58m	M <sub>\</sub> bis AN <sub>-</sub>		07:35	20:09	05:10	37m	05:47	36m	06:24	34m	06:58	11h 01m	17:59	34m	18:33	36m	19:09	37m	19:46	12h 56m	9h 21m				Sa, 1. Mär
So, 2. Mär		21:37–05:06*	7h 29m	M <sub>\</sub> bis AN <sub>-</sub>		07:50	21:37	05:08	37m	05:45	36m	06:22	34m	06:56	11h 04m	18:00	34m	18:35	36m	19:11	37m	19:48	12h 53m	9h 17m				So, 2. Mär
Mo, 3. Mär		23:05–05:04*	5h 58m	M <sub>\</sub> bis AN <sub>-</sub>		08:07	23:05	05:06	37m	05:43	36m	06:20	33m	06:54	11h 08m	18:02	34m	18:36	36m	19:12	37m	19:50	12h 49m	9h 14m				Mo, 3. Mär
Di, 4. Mär		00:34*–05:02*	4h 28m	M <sub>\</sub> bis AN <sub>-</sub>		08:27	—:—	05:04	37m	05:41	36m	06:18	33m	06:52	11h 12m	18:04	34m	18:38	36m	19:14	37m	19:51	12h 45m	9h 10m				Di, 4. Mär
Mi, 5. Mär		01:59*–05:00*	3h 00m	M <sub>\</sub> bis AN <sub>-</sub>		08:53	00:34	05:02	37m	05:39	36m	06:16	33m	06:49	11h 15m	18:05	33m	18:39	36m	19:16	37m	19:53	12h 42m	9h 06m				Mi, 5. Mär
Do, 6. Mär		03:15*–04:58*	1h 42m	M <sub>\</sub> bis AN <sub>-</sub>	☾	09:29	01:59	05:00	37m	05:37	36m	06:14	33m	06:47	11h 19m	18:07	33m	18:41	36m	19:17	37m	19:55	12h 38m	9h 02m				Do, 6. Mär
Fr, 7. Mär		04:16*–04:56*	39m	M <sub>\</sub> bis AN <sub>-</sub>		10:17	03:15	04:58	37m	05:35	36m	06:11	33m	06:45	11h 23m	18:08	33m	18:42	36m	19:19	37m	19:56	12h 34m	8h 59m				Fr, 7. Mär
Sa, 8. Mär		—:—:—:—	–	Mond stört		11:20	04:16	04:56	37m	05:33	36m	06:09	33m	06:43	11h 26m	18:10	33m	18:44	36m	19:20	37m	19:58	12h 31m	8h 55m				Sa, 8. Mär
So, 9. Mär		—:—:—:—	–	Mond stört		12:34	05:00	04:53	37m	05:31	36m	06:07	33m	06:41	11h 30m	18:12	33m	18:46	36m	19:22	37m	20:00	12h 27m	8h 51m				So, 9. Mär
Mo, 10. Mär		—:—:~:~:~	–	Mond stört		13:51	05:31	04:51	37m	05:29	36m	06:05	33m	06:39	11h 34m	18:13	33m	18:47	36m	19:24	37m	20:01	12h 23m	8h 47m				Mo, 10. Mär
Di, 11. Mär		—:~:~:~:~	–	Mond stört		15:08	05:54	04:49	37m	05:27	36m	06:03	33m	06:37	11h 37m	18:15	33m	18:49	36m	19:25	37m	20:03	12h 20m	8h 43m				Di, 11. Mär
Mi, 12. Mär		—:~:~:~:~	–	Mond stört		16:22	06:11	04:47	37m	05:25	36m	06:01	33m	06:35	11h 41m	18:16	33m	18:50	36m	19:27	38m	20:05	12h 16m	8h 39m				Mi, 12. Mär
Do, 13. Mär		—:~:~:~:~	–	Mond stört		17:33	06:25	04:44	38m	05:23	36m	05:59	33m	06:33	11h 45m	18:18	33m	18:52	36m	19:28	38m	20:07	12h 12m	8h 35m				Do, 13. Mär
Fr, 14. Mär		—:~:~:~:~	–	Mond stört	☽	18:42	06:37	04:42	38m	05:20	36m	05:57	33m	06:31	11h 48m	18:20	33m	18:53	36m	19:30	38m	20:08	12h 08m	8h 31m				Fr, 14. Mär
Sa, 15. Mär		—:~:~:~:~	–	Mond stört		19:51	06:48	04:40	38m	05:18	36m	05:55	33m	06:28	11h 52m	18:21	33m	18:55	36m	19:32	38m	20:10	12h 05m	8h 27m				Sa, 15. Mär
So, 16. Mär		20:12–21:00	47m	AN <sub>+</sub> bis M <sub>7</sub>		21:00	07:00	04:38	38m	05:16	36m	05:53	33m	06:26	11h 56m	18:23	33m	18:57	36m	19:33	38m	20:12	12h 01m	8h 23m				So, 16. Mär
Mo, 17. Mär		20:14–22:09	1h 55m	AN <sub>+</sub> bis M <sub>7</sub>		22:09	07:13	04:35	38m	05:14	36m	05:50	33m	06:24	12h 00m	18:24	33m	18:58	36m	19:35	38m	20:14	11h 57m	8h 19m				Mo, 17. Mär
Di, 18. Mär		20:15–23:21	3h 05m	AN <sub>+</sub> bis M <sub>7</sub>		23:21	07:28	04:33	38m	05:12	36m	05:48	33m	06:22	12h 03m	18:26	33m	19:00	36m	19:37	38m	20:15	11h 54m	8h 15m				Di, 18. Mär
Mi, 19. Mär		20:17–00:32*	4h 14m	AN <sub>+</sub> bis M <sub>7</sub>		—:—	07:48	04:31	38m	05:09	36m	05:46	33m	06:20	12h 07m	18:27	33m	19:01	36m	19:38	38m	20:17	11h 50m	8h 10m				Mi, 19. Mär
Do, 20. Mär		20:19–01:41*	5h 21m	AN <sub>+</sub> bis M <sub>7</sub>		00:32	08:14	04:28	38m	05:07	36m	05:44	33m	06:18	12h 11m	18:29	33m	19:03	37m	19:40	39m	20:19	11h 46m	8h 06m				Do, 20. Mär
Fr, 21. Mär		20:21–02:42*	6h 21m	AN <sub>+</sub> bis M <sub>7</sub>		01:41	08:49	04:26	39m	05:05	36m	05:42	33m	06:16	12h 14m	18:30	34m	19:04	37m	19:42	39m	20:21	11h 43m	8h 02m				Fr, 21. Mär
Sa, 22. Mär		20:23–03:34*	7h 10m	AN <sub>+</sub> bis M <sub>7</sub>	☾	02:42	09:38	04:23	39m	05:03	37m	05:40	33m	06:14	12h 18m	18:32	34m	19:06	37m	19:43	39m	20:23	11h 39m	7h 58m				Sa, 22. Mär
So, 23. Mär		20:25–04:13*	7h 48m	AN <sub>+</sub> bis M <sub>7</sub>		03:34	10:41	04:21	39m	05:00	37m	05:37	33m	06:11	12h 22m	18:34	34m	19:08	37m	19:45	39m	20:25	11h 35m	7h 53m				So, 23. Mär
Mo, 24. Mär		20:26–04:16*	7h 49m	AN <sub>+</sub> bis AN <sub>-</sub>		04:13	11:55	04:18	39m	04:58	37m	05:35	34m	06:09	12h 25m	18:35	34m	19:09	37m	19:47	39m	20:26	11h 31m	7h 49m				Mo, 24. Mär
Di, 25. Mär		20:28–04:13*	7h 45m	AN <sub>+</sub> bis AN <sub>-</sub>		04:42	13:17	04:16	39m	04:56	37m	05:33	34m	06:07	12h 29m	18:37	34m	19:11	37m	19:48	40m	20:28	11h 28m	7h 45m				Di, 25. Mär
Mi, 26. Mär		20:30–04:11*	7h 40m	AN <sub>+</sub> bis AN <sub>-</sub>		05:05	14:43	04:13	39m	04:53	37m	05:31	34m	06:05	12h 33m	18:38	34m	19:12	37m	19:50	40m	20:30	11h 24m	7h 40m				Mi, 26. Mär
Do, 27. Mär		20:32–04:08*	7h 36m	AN <sub>+</sub> bis AN <sub>-</sub>		05:23	16:09	04:11	40m	04:51	37m	05:29	34m	06:03	12h 36m	18:40	34m	19:14	37m	19:52	40m	20:32	11h 20m	7h 36m				Do, 27. Mär
Fr, 28. Mär		20:34–04:06*	7h 31m	AN <sub>+</sub> bis AN <sub>-</sub>		05:39	17:36	04:08	40m	04:49	37m	05:26	34m	06:01	12h 40m	18:41	34m	19:16	37m	19:53	40m	20:34	11h 17m	7h 31m				Fr, 28. Mär
Sa, 29. Mär		20:36–04:03*	7h 27m	AN <sub>+</sub> bis AN <sub>-</sub>	☉	05:54	19:04	04:06	40m	04:46	37m	05:24	34m	05:59	12h 44m	18:43	34m	19:17	37m	19:55	40m	20:36	11h 13m	7h 27m				Sa, 29. Mär
So, 30. Mär	MESZ	21:38–05:01*	7h 22m	AN <sub>+</sub> bis AN <sub>-</sub>		07:10	21:35	05:03	40m	05:44	37m	06:22	34m	06:56	12h 48m	19:44	34m	20:19	38m	20:57	41m	21:38	11h 09m	7h 22m				So, 30. Mär
Mo, 31. Mär	MESZ	23:07–04:58*	5h 51m	M <sub>\</sub> bis AN <sub>-</sub>		07:29	23:07	05:01	41m	05:42	38m	06:20	34m	06:54	12h 51m	19:46	34m	20:20	38m	20:59	41m	21:40	11h 06m	7h 18m				Mo, 31. Mär
Di, 1. Apr	MESZ	00:38*–04:56*	4h 17m	M <sub>\</sub> bis AN <sub>-</sub>		07:53	—:—	04:58	41m	05:39	38m	06:18	34m	06:52	12h 55m	19:47	34m	20:22	38m	21:00	41m	21:42	11h 02m	7h 13m				Di, 1. Apr
Mi, 2. Apr	MESZ	02:01*–04:53*	2h 51m	M <sub>\</sub> bis AN <sub>-</sub>		08:26	00:38	04:56	41m	05:37	38m	06:15	34m	06:50	12h 59m	19:49	34m	20:24	38m	21:02	41m	21:44	10h 58m	7h 08m				Mi, 2. Apr
Do, 3. Apr	MESZ	03:10*–04:50*	1h 40m	M <sub>\</sub> bis AN <sub>-</sub>		09:11	02:01	04:53	41m																			

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

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



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

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

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



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