

# Mond- und Dämmerungstabelle 2025

## für die visuelle Deep-Sky-Beobachtung

Sedan 49.7025° N 4.9411° 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		18:50–06:37*	11h 47m	AN <sub>+</sub> bis AN <sub>-</sub>		10:15	18:18	06:37	38m	07:16	40m	07:56	40m	08:36	8h 14m	16:51	40m	17:31	40m	18:11	38m	18:50	15h 45m	11h 47m					Mi, 1. Jan
Do, 2. Jan		19:41–06:37*	10h 55m	M <sub>\</sub> bis AN <sub>-</sub>		10:42	19:41	06:37	38m	07:16	40m	07:56	40m	08:36	8h 15m	16:52	40m	17:32	40m	18:12	38m	18:51	15h 44m	11h 46m					Do, 2. Jan
Fr, 3. Jan		21:05–06:37*	9h 32m	M <sub>\</sub> bis AN <sub>-</sub>		11:02	21:05	06:37	38m	07:16	40m	07:56	39m	08:36	8h 16m	16:53	39m	17:33	40m	18:13	38m	18:52	15h 43m	11h 45m					Fr, 3. Jan
Sa, 4. Jan		22:27–06:37*	8h 09m	M <sub>\</sub> bis AN <sub>-</sub>		11:19	22:27	06:37	38m	07:16	39m	07:56	39m	08:36	8h 17m	16:54	39m	17:34	39m	18:14	38m	18:53	15h 41m	11h 44m					Sa, 4. Jan
So, 5. Jan		23:49–06:37*	6h 48m	M <sub>\</sub> bis AN <sub>-</sub>		11:33	23:49	06:37	38m	07:16	39m	07:56	39m	08:36	8h 19m	16:55	39m	17:35	39m	18:15	38m	18:54	15h 40m	11h 43m					So, 5. Jan
Mo, 6. Jan		01:11*–06:37*	5h 25m	M <sub>\</sub> bis AN <sub>-</sub>		11:47	—:—	06:37	38m	07:16	39m	07:56	39m	08:35	8h 20m	16:56	39m	17:36	39m	18:16	38m	18:55	15h 39m	11h 42m					Mo, 6. Jan
Di, 7. Jan		02:35*–06:37*	4h 01m	M <sub>\</sub> bis AN <sub>-</sub>	☾	12:02	01:11	06:37	38m	07:16	39m	07:56	39m	08:35	8h 22m	16:57	39m	17:37	39m	18:17	38m	18:56	15h 37m	11h 41m					Di, 7. Jan
Mi, 8. Jan		04:01*–06:37*	2h 35m	M <sub>\</sub> bis AN <sub>-</sub>		12:20	02:35	06:37	38m	07:15	39m	07:55	39m	08:35	8h 23m	16:59	39m	17:38	39m	18:18	38m	18:57	15h 35m	11h 39m					Mi, 8. Jan
Do, 9. Jan		05:28*–06:36*	1h 08m	M <sub>\</sub> bis AN <sub>-</sub>		12:43	04:01	06:37	38m	07:15	39m	07:55	39m	08:34	8h 25m	17:00	39m	17:39	39m	18:19	38m	18:58	15h 33m	11h 38m					Do, 9. Jan
Fr, 10. Jan		—:—:—:—	–	Mond stört		13:15	05:28	06:36	38m	07:15	39m	07:54	39m	08:34	8h 27m	17:01	39m	17:41	39m	18:20	38m	18:59	15h 32m	11h 37m					Fr, 10. Jan
Sa, 11. Jan		—:—:—:—	–	Mond stört		13:59	06:48	06:36	38m	07:15	39m	07:54	39m	08:33	8h 29m	17:03	39m	17:42	39m	18:21	38m	19:00	15h 30m	11h 35m					Sa, 11. Jan
So, 12. Jan		—:—:~:~	–	Mond stört		14:58	07:57	06:36	38m	07:14	39m	07:54	39m	08:33	8h 31m	17:04	39m	17:43	39m	18:23	38m	19:01	15h 28m	11h 34m					So, 12. Jan
Mo, 13. Jan		—:~:~:~	–	Mond stört	☾	16:11	08:48	06:35	38m	07:14	39m	07:53	39m	08:32	8h 33m	17:05	39m	17:44	39m	18:24	38m	19:02	15h 25m	11h 32m					Mo, 13. Jan
Di, 14. Jan		—:~:~:~	–	Mond stört		17:31	09:24	06:35	38m	07:13	39m	07:52	38m	08:31	8h 35m	17:07	38m	17:46	39m	18:25	38m	19:03	15h 23m	11h 30m					Di, 14. Jan
Mi, 15. Jan		—:~:~:~	–	Mond stört		18:50	09:49	06:34	38m	07:13	39m	07:52	38m	08:31	8h 37m	17:08	38m	17:47	39m	18:26	38m	19:05	15h 21m	11h 29m					Mi, 15. Jan
Do, 16. Jan		19:06–20:06	1h 00m	AN <sub>+</sub> bis M <sub>7</sub>		20:06	10:08	06:34	38m	07:12	39m	07:51	38m	08:30	8h 39m	17:10	38m	17:48	39m	18:28	38m	19:06	15h 19m	11h 27m					Do, 16. Jan
Fr, 17. Jan		19:07–21:19	2h 11m	AN <sub>+</sub> bis M <sub>7</sub>		21:19	10:23	06:33	38m	07:11	39m	07:50	38m	08:29	8h 42m	17:11	38m	17:50	39m	18:29	38m	19:07	15h 16m	11h 25m					Fr, 17. Jan
Sa, 18. Jan		19:08–22:29	3h 20m	AN <sub>+</sub> bis M <sub>7</sub>		22:29	10:35	06:33	38m	07:11	38m	07:50	38m	08:28	8h 44m	17:13	38m	17:51	38m	18:30	38m	19:08	15h 14m	11h 23m					Sa, 18. Jan
So, 19. Jan		19:10–23:37	4h 27m	AN <sub>+</sub> bis M <sub>7</sub>		23:37	10:47	06:32	38m	07:10	38m	07:49	38m	08:27	8h 47m	17:14	38m	17:53	38m	18:31	38m	19:10	15h 11m	11h 21m					So, 19. Jan
Mo, 20. Jan		19:11–00:45*	5h 34m	AN <sub>+</sub> bis M <sub>7</sub>		—:—	10:58	06:31	38m	07:09	38m	07:48	38m	08:26	8h 49m	17:16	38m	17:54	38m	18:33	38m	19:11	15h 09m	11h 19m					Mo, 20. Jan
Di, 21. Jan		19:12–01:55*	6h 42m	AN <sub>+</sub> bis M <sub>7</sub>	☾	00:45	11:11	06:30	38m	07:08	38m	07:47	38m	08:25	8h 52m	17:17	38m	17:55	38m	18:34	38m	19:12	15h 06m	11h 17m					Di, 21. Jan
Mi, 22. Jan		19:14–03:06*	7h 52m	AN <sub>+</sub> bis M <sub>7</sub>		01:55	11:25	06:30	38m	07:08	38m	07:46	37m	08:24	8h 54m	17:19	37m	17:57	38m	18:36	38m	19:14	15h 04m	11h 15m					Mi, 22. Jan
Do, 23. Jan		19:15–04:19*	9h 04m	AN <sub>+</sub> bis M <sub>7</sub>		03:06	11:44	06:29	37m	07:07	38m	07:45	37m	08:23	8h 57m	17:21	37m	17:58	38m	18:37	37m	19:15	15h 01m	11h 13m					Do, 23. Jan
Fr, 24. Jan		19:16–05:31*	10h 14m	AN <sub>+</sub> bis M <sub>7</sub>		04:19	12:09	06:28	37m	07:06	38m	07:44	37m	08:22	9h 00m	17:22	37m	18:00	38m	18:38	37m	19:16	14h 58m	11h 10m					Fr, 24. Jan
Sa, 25. Jan		19:18–06:26*	11h 08m	AN <sub>+</sub> bis AN <sub>-</sub>		05:31	12:44	06:27	37m	07:05	38m	07:43	37m	08:21	9h 03m	17:24	37m	18:01	38m	18:40	37m	19:18	14h 55m	11h 08m					Sa, 25. Jan
So, 26. Jan		19:19–06:25*	11h 06m	AN <sub>+</sub> bis AN <sub>-</sub>		06:36	13:32	06:26	37m	07:04	38m	07:42	37m	08:20	9h 05m	17:25	37m	18:03	38m	18:41	37m	19:19	14h 52m	11h 06m					So, 26. Jan
Mo, 27. Jan		19:20–06:24*	11h 03m	AN <sub>+</sub> bis AN <sub>-</sub>		07:31	14:37	06:25	37m	07:03	38m	07:41	37m	08:18	9h 08m	17:27	37m	18:04	38m	18:43	37m	19:20	14h 49m	11h 03m					Mo, 27. Jan
Di, 28. Jan		19:22–06:23*	11h 01m	AN <sub>+</sub> bis AN <sub>-</sub>		08:13	15:54	06:24	37m	07:02	38m	07:40	37m	08:17	9h 11m	17:29	37m	18:06	38m	18:44	37m	19:22	14h 47m	11h 01m					Di, 28. Jan
Mi, 29. Jan		19:23–06:22*	10h 58m	AN <sub>+</sub> bis AN <sub>-</sub>	☾	08:43	17:19	06:23	37m	07:01	38m	07:39	37m	08:16	9h 14m	17:30	37m	18:08	38m	18:46	37m	19:23	14h 44m	10h 58m					Mi, 29. Jan
Do, 30. Jan		19:25–06:21*	10h 56m	AN <sub>+</sub> bis AN <sub>-</sub>		09:06	18:45	06:22	37m	07:00	37m	07:38	36m	08:14	9h 17m	17:32	36m	18:09	37m	18:47	37m	19:25	14h 40m	10h 56m					Do, 30. Jan
Fr, 31. Jan		20:10–06:20*	10h 09m	M <sub>\</sub> bis AN <sub>-</sub>		09:24	20:10	06:21	37m	06:58	37m	07:36	36m	08:13	9h 20m	17:34	36m	18:11	37m	18:49	37m	19:26	14h 37m	10h 53m					Fr, 31. Jan
Sa, 1. Feb		21:35–06:19*	8h 44m	M <sub>\</sub> bis AN <sub>-</sub>		09:40	21:35	06:20	37m	06:57	37m	07:35	36m	08:12	9h 23m	17:36	36m	18:12	37m	18:50	37m	19:28	14h 34m	10h 50m					Sa, 1. Feb
So, 2. Feb		22:58–06:17*	7h 18m	M <sub>\</sub> bis AN <sub>-</sub>		09:54	22:58	06:19	37m	06:56	37m	07:34	36m	08:10	9h 26m	17:37	36m	18:14	37m	18:52	37m	19:29	14h 31m	10h 48m					So, 2. Feb
Mo, 3. Feb		00:23*–06:16*	5h 52m	M <sub>\</sub> bis AN <sub>-</sub>		10:09	—:—	06:17	37m	06:55	37m	07:32	36m	08:09	9h 30m	17:39	36m	18:15	37m	18:53	37m	19:31	14h 28m	10h 45m					Mo, 3. Feb
Di, 4. Feb		01:49*–06:15*	4h 25m	M <sub>\</sub> bis AN <sub>-</sub>		10:26	00:23	06:16	37m	06:53	37m	07:31	36m	08:07	9h 33m	17:41	36m	18:17	37m	18:55	37m	19:32	14h 25m	10h 42m					Di, 4. Feb
Mi, 5. Feb		03:15*–06:13*	2h 58m	M <sub>\</sub> bis AN <sub>-</sub>	☾	10:47	01:49	06:15	37m	06:52	37m	07:30	36m	08:06	9h 36m	17:42	36m	18:19	37m	18:56	37m	19:33	14h 21m	10h 39m					Mi, 5. Feb
Do, 6. Feb		04:37*–06:12*	1h 34m	M <sub>\</sub> bis AN <sub>-</sub>		11:15	03:15	06:13	37m	06:51	37m	07:28	36m	08:04	9h 39m	17:44	36m	18:20	37m	18:58	37m	19:35	14h 18m	10h 37m					Do, 6. Feb
Fr, 7. Feb		05:48*–06:11*	22m	M <sub>\</sub> bis AN <sub>-</sub>		11:54	04:37	06:12	37m	06:49	37m	07:27	35m	08:03	9h 43m	17:46	36m	18:22	37m	18:59	37m	19:36	14h 15m	10h 34m					Fr, 7. Feb
Sa, 8. Feb		—:~:~:~	–	Mond stört		12:47	05:48	06:11	37m	06:48	37m	07:25	35m	08:01	9h 46m	17:47	35m	18:23	37m	19:01	37m	19:38	14h 11m	10h 31m					Sa, 8. Feb
So, 9. Feb		—:~:~:~	–	Mond stört		13:54	06:44	06:09	37m	06:46	37m	07:24	35m	07:59	9h 49m	17:49	35m	18:25	37m	19:02	37m	19:39	14h 08m	10h 28m					So, 9. Feb
Mo, 10. Feb		—:~:~:~	–	Mond stört		15:11	07:24	06:08	37m	06:45	37m	07:22	35m	07:58	9h 53m	17:51	35m	18:27	37m	19:04	37m	19:41	14h 05m	10h 25m					Mo, 10. Feb
Di, 11. Feb		—:~:~:~	–	Mond stört		16:30	07:52	06:06	37m	06:43	37m	07:20	35m	07:56	9h 56m	17:53	35m	18:28	37m	19:05	37m	19:42	14h 01m	10h 22m					Di, 11. Feb
Mi,																													

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

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

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

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

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

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