

# Mond- und Dämmerungstabelle 2025

## für die visuelle Deep-Sky-Beobachtung

Kronach 50.2411° N 11.3281° 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		18:23–06:13*	11h 49m	AN <sub>+</sub> bis AN <sub>-</sub>		09:52	17:48	06:13	39m	06:52	40m	07:33	40m	08:13	8h 09m	16:23	40m	17:03	40m	17:44	39m	18:23	15h 50m	11h 49m				Mi, 1. Jan
Do, 2. Jan		19:12–06:13*	11h 00m	M <sub>\searrow</sub> bis AN <sub>-</sub>		10:18	19:12	06:13	39m	06:52	40m	07:33	40m	08:13	8h 10m	16:24	40m	17:04	40m	17:45	39m	18:24	15h 49m	11h 48m				Do, 2. Jan
Fr, 3. Jan		20:37–06:13*	9h 35m	M <sub>\searrow</sub> bis AN <sub>-</sub>		10:38	20:37	06:13	39m	06:52	40m	07:33	40m	08:13	8h 11m	16:25	40m	17:05	40m	17:46	39m	18:25	15h 48m	11h 47m				Fr, 3. Jan
Sa, 4. Jan		22:00–06:12*	8h 12m	M <sub>\searrow</sub> bis AN <sub>-</sub>		10:54	22:00	06:13	39m	06:52	40m	07:32	40m	08:13	8h 12m	16:26	40m	17:06	40m	17:47	39m	18:26	15h 46m	11h 46m				Sa, 4. Jan
So, 5. Jan		23:22–06:12*	6h 50m	M <sub>\searrow</sub> bis AN <sub>-</sub>		11:08	23:22	06:12	39m	06:52	40m	07:32	40m	08:13	8h 14m	16:27	40m	17:07	40m	17:48	39m	18:27	15h 45m	11h 45m				So, 5. Jan
Mo, 6. Jan		00:45*–06:12*	5h 27m	M <sub>\searrow</sub> bis AN <sub>-</sub>		11:21	—:—	06:12	39m	06:52	40m	07:32	40m	08:12	8h 15m	16:28	40m	17:09	40m	17:49	39m	18:28	15h 43m	11h 44m				Mo, 6. Jan
Di, 7. Jan		02:09*–06:12*	4h 02m	M <sub>\searrow</sub> bis AN <sub>-</sub>	☾	11:35	00:45	06:12	39m	06:51	40m	07:32	40m	08:12	8h 17m	16:29	40m	17:10	40m	17:50	39m	18:29	15h 42m	11h 42m				Di, 7. Jan
Mi, 8. Jan		03:36*–06:12*	2h 35m	M <sub>\searrow</sub> bis AN <sub>-</sub>		11:53	02:09	06:12	39m	06:51	40m	07:31	40m	08:12	8h 19m	16:31	40m	17:11	40m	17:51	39m	18:30	15h 40m	11h 41m				Mi, 8. Jan
Do, 9. Jan		05:04*–06:11*	1h 07m	M <sub>\searrow</sub> bis AN <sub>-</sub>		12:15	03:36	06:12	39m	06:51	40m	07:31	40m	08:11	8h 20m	16:32	40m	17:12	40m	17:52	39m	18:31	15h 38m	11h 40m				Do, 9. Jan
Fr, 10. Jan		—:—:—:—	–	Mond stört		12:45	05:04	06:11	39m	06:51	40m	07:31	39m	08:11	8h 22m	16:33	39m	17:13	40m	17:53	39m	18:33	15h 36m	11h 38m				Fr, 10. Jan
Sa, 11. Jan		—:—:—:—	–	Mond stört		13:29	06:25	06:11	39m	06:50	40m	07:30	39m	08:10	8h 24m	16:35	39m	17:15	40m	17:55	39m	18:34	15h 34m	11h 37m				Sa, 11. Jan
So, 12. Jan		—:—:—:—	–	Mond stört		14:28	07:34	06:11	38m	06:50	39m	07:30	39m	08:09	8h 26m	16:36	39m	17:16	39m	17:56	38m	18:35	15h 32m	11h 35m				So, 12. Jan
Mo, 13. Jan		—:—:—:—	–	Mond stört	☾	15:41	08:25	06:10	38m	06:49	39m	07:29	39m	08:09	8h 28m	16:38	39m	17:17	39m	17:57	38m	18:36	15h 30m	11h 33m				Mo, 13. Jan
Di, 14. Jan		—:~:~:~:~	–	Mond stört		17:01	09:01	06:10	38m	06:49	39m	07:28	39m	08:08	8h 31m	16:39	39m	17:19	39m	17:58	38m	18:37	15h 28m	11h 32m				Di, 14. Jan
Mi, 15. Jan		—:~:~:~:~	–	Mond stört		18:21	09:26	06:09	38m	06:48	39m	07:28	39m	08:07	8h 33m	16:41	39m	17:20	39m	18:00	38m	18:38	15h 25m	11h 30m				Mi, 15. Jan
Do, 16. Jan		18:40–19:38	58m	AN <sub>+</sub> bis M <sub>\nearrow</sub>		19:38	09:44	06:09	38m	06:48	39m	07:27	39m	08:06	8h 35m	16:42	39m	17:21	39m	18:01	38m	18:40	15h 23m	11h 28m				Do, 16. Jan
Fr, 17. Jan		18:41–20:51	2h 10m	AN <sub>+</sub> bis M <sub>\nearrow</sub>		20:51	09:58	06:08	38m	06:47	39m	07:26	39m	08:06	8h 37m	16:44	39m	17:23	39m	18:02	38m	18:41	15h 21m	11h 26m				Fr, 17. Jan
Sa, 18. Jan		18:42–22:02	3h 19m	AN <sub>+</sub> bis M <sub>\nearrow</sub>		22:02	10:10	06:08	38m	06:46	39m	07:26	38m	08:05	8h 40m	16:45	38m	17:24	39m	18:04	38m	18:42	15h 18m	11h 24m				Sa, 18. Jan
So, 19. Jan		18:44–23:10	4h 26m	AN <sub>+</sub> bis M <sub>\nearrow</sub>		23:10	10:21	06:07	38m	06:46	39m	07:25	38m	08:04	8h 42m	16:47	38m	17:26	39m	18:05	38m	18:44	15h 16m	11h 22m				So, 19. Jan
Mo, 20. Jan		18:45–00:19*	5h 34m	AN <sub>+</sub> bis M <sub>\nearrow</sub>		—:—	10:32	06:06	38m	06:45	39m	07:24	38m	08:03	8h 45m	16:48	38m	17:27	39m	18:06	38m	18:45	15h 13m	11h 20m				Mo, 20. Jan
Di, 21. Jan		18:46–01:29*	6h 43m	AN <sub>+</sub> bis M <sub>\nearrow</sub>	☾	00:19	10:44	06:05	38m	06:44	39m	07:23	38m	08:02	8h 48m	16:50	38m	17:28	39m	18:08	38m	18:46	15h 10m	11h 18m				Di, 21. Jan
Mi, 22. Jan		18:48–02:42*	7h 54m	AN <sub>+</sub> bis M <sub>\nearrow</sub>		01:29	10:58	06:05	38m	06:43	39m	07:22	38m	08:01	8h 50m	16:51	38m	17:30	39m	18:09	38m	18:48	15h 08m	11h 16m				Mi, 22. Jan
Do, 23. Jan		18:49–03:55*	9h 06m	AN <sub>+</sub> bis M <sub>\nearrow</sub>		02:42	11:16	06:04	38m	06:42	38m	07:21	38m	08:00	8h 53m	16:53	38m	17:31	39m	18:10	38m	18:49	15h 05m	11h 14m				Do, 23. Jan
Fr, 24. Jan		18:50–05:07*	10h 17m	AN <sub>+</sub> bis M <sub>\nearrow</sub>		03:55	11:40	06:03	38m	06:41	38m	07:20	38m	07:58	8h 56m	16:55	38m	17:33	38m	18:12	38m	18:50	15h 02m	11h 11m				Fr, 24. Jan
Sa, 25. Jan		18:52–06:01*	11h 09m	AN <sub>+</sub> bis AN <sub>-</sub>		05:07	12:14	06:02	38m	06:40	38m	07:19	38m	07:57	8h 59m	16:56	38m	17:35	38m	18:13	38m	18:52	14h 59m	11h 09m				Sa, 25. Jan
So, 26. Jan		18:53–06:00*	11h 06m	AN <sub>+</sub> bis AN <sub>-</sub>		06:14	13:02	06:01	38m	06:39	38m	07:18	37m	07:56	9h 02m	16:58	37m	17:36	38m	18:15	38m	18:53	14h 56m	11h 06m				So, 26. Jan
Mo, 27. Jan		18:54–05:59*	11h 04m	AN <sub>+</sub> bis AN <sub>-</sub>		07:08	14:06	06:00	38m	06:38	38m	07:17	37m	07:55	9h 05m	17:00	37m	17:38	38m	18:16	38m	18:54	14h 53m	11h 04m				Mo, 27. Jan
Di, 28. Jan		18:56–05:58*	11h 02m	AN <sub>+</sub> bis AN <sub>-</sub>		07:50	15:24	05:59	38m	06:37	38m	07:16	37m	07:53	9h 08m	17:01	37m	17:39	38m	18:18	38m	18:56	14h 50m	11h 02m				Di, 28. Jan
Mi, 29. Jan		18:57–05:57*	10h 59m	AN <sub>+</sub> bis AN <sub>-</sub>	☾	08:20	16:49	05:58	38m	06:36	38m	07:14	37m	07:52	9h 11m	17:03	37m	17:41	38m	18:19	38m	18:57	14h 47m	10h 59m				Mi, 29. Jan
Do, 30. Jan		18:59–05:56*	10h 56m	AN <sub>+</sub> bis AN <sub>-</sub>		08:42	18:16	05:57	38m	06:35	38m	07:13	37m	07:51	9h 14m	17:05	37m	17:42	38m	18:21	38m	18:59	14h 44m	10h 56m				Do, 30. Jan
Fr, 31. Jan		19:42–05:55*	10h 12m	M <sub>\searrow</sub> bis AN <sub>-</sub>		09:00	19:42	05:56	37m	06:34	38m	07:12	37m	07:49	9h 17m	17:07	37m	17:44	38m	18:22	38m	19:00	14h 41m	10h 54m				Fr, 31. Jan
Sa, 1. Feb		21:07–05:53*	8h 45m	M <sub>\searrow</sub> bis AN <sub>-</sub>		09:14	21:07	05:55	37m	06:32	38m	07:11	37m	07:48	9h 20m	17:08	37m	17:46	38m	18:24	37m	19:02	14h 37m	10h 51m				Sa, 1. Feb
So, 2. Feb		22:32–05:52*	7h 20m	M <sub>\searrow</sub> bis AN <sub>-</sub>		09:28	22:32	05:53	37m	06:31	38m	07:09	37m	07:46	9h 23m	17:10	37m	17:47	38m	18:25	37m	19:03	14h 34m	10h 48m				So, 2. Feb
Mo, 3. Feb		23:57–05:51*	5h 53m	M <sub>\searrow</sub> bis AN <sub>-</sub>		09:42	23:57	05:52	37m	06:30	38m	07:08	36m	07:45	9h 26m	17:12	36m	17:49	38m	18:27	37m	19:05	14h 31m	10h 46m				Mo, 3. Feb
Di, 4. Feb		01:24*–05:49*	4h 25m	M <sub>\searrow</sub> bis AN <sub>-</sub>		09:58	—:—	05:51	37m	06:29	37m	07:06	36m	07:43	9h 30m	17:14	36m	17:50	37m	18:28	37m	19:06	14h 28m	10h 43m				Di, 4. Feb
Mi, 5. Feb		02:51*–05:48*	2h 56m	M <sub>\searrow</sub> bis AN <sub>-</sub>	☾	10:18	01:24	05:49	37m	06:27	37m	07:05	36m	07:42	9h 33m	17:15	36m	17:52	37m	18:30	37m	19:08	14h 24m	10h 40m				Mi, 5. Feb
Do, 6. Feb		04:14*–05:47*	1h 32m	M <sub>\searrow</sub> bis AN <sub>-</sub>		10:46	02:51	05:48	37m	06:26	37m	07:04	36m	07:40	9h 36m	17:17	36m	17:54	37m	18:31	37m	19:09	14h 21m	10h 37m				Do, 6. Feb
Fr, 7. Feb		05:26*–05:45*	19m	M <sub>\searrow</sub> bis AN <sub>-</sub>		11:24	04:14	05:47	37m	06:24	37m	07:02	36m	07:39	9h 40m	17:19	36m	17:55	37m	18:33	37m	19:11	14h 18m	10h 34m				Fr, 7. Feb
Sa, 8. Feb		—:~:~:~:~	–	Mond stört		12:16	05:26	05:45	37m	06:23	37m	07:01	36m	07:37	9h 43m	17:21	36m	17:57	37m	18:35	37m	19:12	14h 14m	10h 31m				Sa, 8. Feb
So, 9. Feb		—:~:~:~:~	–	Mond stört		13:24	06:21	05:44	37m	06:21	37m	06:59	36m	07:35	9h 47m	17:22	36m	17:59	37m	18:36	37m	19:14	14h 11m	10h 28m				So, 9. Feb
Mo, 10. Feb		—:~:~:~:~	–	Mond stört		14:41	07:01	05:42	37m	06:20	37m	06:57	36m	07:33	9h 50m	17:24	36m	18:00	37m	18:38	37m	19:15	14h 07m	10h 25m				Mo, 10. Feb
Di, 11. Feb		—:~:~:~:~	–	Mond stört		16:00	07:29	05:41	37m	06:18	37m	06:56	36m	07:32	9h 53m	17:26	36m	18:02	37m	18:39	37m	19:17	14h 04m	10h 22m				Di, 11. Feb
Mi, 12. Feb		—:~:~:~:~	–	Mond stört	☾	17:18	07:49	05:39	37m	06:17	37m	06:54	35m															

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

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

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

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

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

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