

# Mond- und Dämmerungstabelle 2025

## für die visuelle Deep-Sky-Beobachtung

Lauterbach (Hessen) 50.6356° N 9.3978° 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		18:30–06:21*	11h 50m	AN <sub>+</sub> bis AN <sub>-</sub>		10:02	17:54	06:21	39m	07:01	41m	07:42	41m	08:23	8h 05m	16:28	41m	17:10	41m	17:51	39m	18:30	15h 54m	11h 50m				Mi, 1. Jan
Do, 2. Jan		19:19–06:21*	11h 01m	M <sub>\</sub> bis AN <sub>-</sub>		10:28	19:19	06:21	39m	07:01	40m	07:42	41m	08:23	8h 06m	16:30	41m	17:11	40m	17:52	39m	18:31	15h 53m	11h 49m				Do, 2. Jan
Fr, 3. Jan		20:44–06:21*	9h 37m	M <sub>\</sub> bis AN <sub>-</sub>		10:47	20:44	06:21	39m	07:01	40m	07:42	41m	08:23	8h 08m	16:31	41m	17:12	40m	17:53	39m	18:32	15h 51m	11h 48m				Fr, 3. Jan
Sa, 4. Jan		22:07–06:21*	8h 13m	M <sub>\</sub> bis AN <sub>-</sub>		11:02	22:07	06:21	39m	07:01	40m	07:41	40m	08:22	8h 09m	16:32	40m	17:13	40m	17:54	39m	18:33	15h 50m	11h 47m				Sa, 4. Jan
So, 5. Jan		23:30–06:21*	6h 50m	M <sub>\</sub> bis AN <sub>-</sub>		11:16	23:30	06:21	39m	07:00	40m	07:41	40m	08:22	8h 10m	16:33	40m	17:14	40m	17:55	39m	18:34	15h 48m	11h 46m				So, 5. Jan
Mo, 6. Jan		00:53*–06:20*	5h 27m	M <sub>\</sub> bis AN <sub>-</sub>		11:29	—:—	06:21	39m	07:00	40m	07:41	40m	08:22	8h 12m	16:34	40m	17:15	40m	17:56	39m	18:35	15h 47m	11h 45m				Mo, 6. Jan
Di, 7. Jan		02:19*–06:20*	4h 01m	M <sub>\</sub> bis AN <sub>-</sub>	☾	11:43	00:53	06:20	39m	07:00	40m	07:41	40m	08:21	8h 14m	16:35	40m	17:16	40m	17:57	39m	18:36	15h 45m	11h 43m				Di, 7. Jan
Mi, 8. Jan		03:46*–06:20*	2h 33m	M <sub>\</sub> bis AN <sub>-</sub>		11:59	02:19	06:20	39m	07:00	40m	07:40	40m	08:21	8h 15m	16:37	40m	17:17	40m	17:58	39m	18:37	15h 43m	11h 42m				Mi, 8. Jan
Do, 9. Jan		05:14*–06:20*	1h 05m	M <sub>\</sub> bis AN <sub>-</sub>		12:21	03:46	06:20	39m	06:59	40m	07:40	40m	08:20	8h 17m	16:38	40m	17:19	40m	17:59	39m	18:39	15h 41m	11h 41m				Do, 9. Jan
Fr, 10. Jan		—:—:—:—	–	Mond stört		12:51	05:14	06:20	39m	06:59	40m	07:40	40m	08:20	8h 19m	16:39	40m	17:20	40m	18:00	39m	18:40	15h 39m	11h 39m				Fr, 10. Jan
Sa, 11. Jan		—:—:—:—	–	Mond stört		13:34	06:36	06:19	39m	06:59	40m	07:39	40m	08:19	8h 21m	16:41	40m	17:21	40m	18:01	39m	18:41	15h 37m	11h 38m				Sa, 11. Jan
So, 12. Jan		—:—:~:~:~	–	Mond stört		14:33	07:45	06:19	39m	06:58	40m	07:39	40m	08:19	8h 23m	16:42	40m	17:22	40m	18:03	39m	18:42	15h 35m	11h 36m				So, 12. Jan
Mo, 13. Jan		—:~:~:~:~	–	Mond stört	☉	15:46	08:36	06:19	39m	06:58	40m	07:38	40m	08:18	8h 25m	16:44	40m	17:24	40m	18:04	39m	18:43	15h 33m	11h 34m				Mo, 13. Jan
Di, 14. Jan		—:~:~:~:~	–	Mond stört		17:07	09:11	06:18	39m	06:57	40m	07:37	39m	08:17	8h 27m	16:45	39m	17:25	40m	18:05	39m	18:44	15h 31m	11h 33m				Di, 14. Jan
Mi, 15. Jan		—:~:~:~:~	–	Mond stört		18:28	09:35	06:18	39m	06:57	40m	07:37	39m	08:17	8h 30m	16:47	39m	17:26	40m	18:07	39m	18:46	15h 29m	11h 31m				Mi, 15. Jan
Do, 16. Jan		18:47–19:45	58m	AN <sub>+</sub> bis M <sub>7</sub>		19:45	09:53	06:17	39m	06:56	39m	07:36	39m	08:16	8h 32m	16:48	39m	17:28	39m	18:08	39m	18:47	15h 26m	11h 29m				Do, 16. Jan
Fr, 17. Jan		18:48–20:59	2h 10m	AN <sub>+</sub> bis M <sub>7</sub>		20:59	10:07	06:16	39m	06:55	39m	07:35	39m	08:15	8h 34m	16:50	39m	17:29	39m	18:09	39m	18:48	15h 24m	11h 27m				Fr, 17. Jan
Sa, 18. Jan		18:50–22:10	3h 20m	AN <sub>+</sub> bis M <sub>7</sub>		22:10	10:18	06:16	38m	06:55	39m	07:35	39m	08:14	8h 37m	16:51	39m	17:31	39m	18:11	39m	18:50	15h 21m	11h 25m				Sa, 18. Jan
So, 19. Jan		18:51–23:19	4h 28m	AN <sub>+</sub> bis M <sub>7</sub>		23:19	10:29	06:15	38m	06:54	39m	07:34	39m	08:13	8h 39m	16:53	39m	17:32	39m	18:12	38m	18:51	15h 19m	11h 23m				So, 19. Jan
Mo, 20. Jan		18:52–00:28*	5h 36m	AN <sub>+</sub> bis M <sub>7</sub>		—:—	10:39	06:14	38m	06:53	39m	07:33	39m	08:12	8h 42m	16:54	39m	17:34	39m	18:13	38m	18:52	15h 16m	11h 21m				Mo, 20. Jan
Di, 21. Jan		18:54–01:39*	6h 45m	AN <sub>+</sub> bis M <sub>7</sub>	☾	00:28	10:51	06:14	38m	06:52	39m	07:32	38m	08:11	8h 45m	16:56	39m	17:35	39m	18:15	38m	18:54	15h 13m	11h 19m				Di, 21. Jan
Mi, 22. Jan		18:55–02:51*	7h 56m	AN <sub>+</sub> bis M <sub>7</sub>		01:39	11:04	06:13	38m	06:52	39m	07:31	38m	08:10	8h 47m	16:58	38m	17:37	39m	18:16	38m	18:55	15h 10m	11h 17m				Mi, 22. Jan
Do, 23. Jan		18:56–04:05*	9h 09m	AN <sub>+</sub> bis M <sub>7</sub>		02:51	11:22	06:12	38m	06:51	39m	07:30	38m	08:09	8h 50m	16:59	38m	17:38	39m	18:18	38m	18:56	15h 08m	11h 14m				Do, 23. Jan
Fr, 24. Jan		18:58–05:18*	10h 20m	AN <sub>+</sub> bis M <sub>7</sub>		04:05	11:45	06:11	38m	06:50	39m	07:29	38m	08:07	8h 53m	17:01	38m	17:40	39m	18:19	38m	18:58	15h 05m	11h 12m				Fr, 24. Jan
Sa, 25. Jan		18:59–06:09*	11h 10m	AN <sub>+</sub> bis AN <sub>-</sub>		05:18	12:19	06:10	38m	06:49	39m	07:28	38m	08:06	8h 56m	17:03	38m	17:41	39m	18:20	38m	18:59	15h 02m	11h 10m				Sa, 25. Jan
So, 26. Jan		19:00–06:08*	11h 07m	AN <sub>+</sub> bis AN <sub>-</sub>		06:25	13:07	06:09	38m	06:48	39m	07:27	38m	08:05	8h 59m	17:04	38m	17:43	39m	18:22	38m	19:00	14h 59m	11h 07m				So, 26. Jan
Mo, 27. Jan		19:02–06:07*	11h 05m	AN <sub>+</sub> bis AN <sub>-</sub>		07:19	14:12	06:08	38m	06:47	38m	07:26	38m	08:04	9h 02m	17:06	38m	17:44	39m	18:23	38m	19:02	14h 56m	11h 05m				Mo, 27. Jan
Di, 28. Jan		19:03–06:06*	11h 02m	AN <sub>+</sub> bis AN <sub>-</sub>		08:00	15:30	06:07	38m	06:45	38m	07:24	38m	08:02	9h 05m	17:08	38m	17:46	38m	18:25	38m	19:03	14h 53m	11h 02m				Di, 28. Jan
Mi, 29. Jan		19:05–06:05*	10h 59m	AN <sub>+</sub> bis AN <sub>-</sub>	☾	08:30	16:56	06:06	38m	06:44	38m	07:23	37m	08:01	9h 08m	17:10	37m	17:48	38m	18:26	38m	19:05	14h 50m	10h 59m				Mi, 29. Jan
Do, 30. Jan		19:06–06:04*	10h 57m	AN <sub>+</sub> bis AN <sub>-</sub>		08:51	18:23	06:05	38m	06:43	38m	07:22	37m	08:00	9h 11m	17:11	37m	17:49	38m	18:28	38m	19:06	14h 46m	10h 57m				Do, 30. Jan
Fr, 31. Jan		19:50–06:02*	10h 12m	M <sub>\</sub> bis AN <sub>-</sub>		09:08	19:50	06:04	38m	06:42	38m	07:21	37m	07:58	9h 14m	17:13	37m	17:51	38m	18:29	38m	19:08	14h 43m	10h 54m				Fr, 31. Jan
Sa, 1. Feb		21:15–06:01*	8h 45m	M <sub>\</sub> bis AN <sub>-</sub>		09:22	21:15	06:02	38m	06:41	38m	07:19	37m	07:57	9h 18m	17:15	37m	17:52	38m	18:31	38m	19:09	14h 40m	10h 51m				Sa, 1. Feb
So, 2. Feb		22:41–06:00*	7h 19m	M <sub>\</sub> bis AN <sub>-</sub>		09:36	22:41	06:01	38m	06:39	38m	07:18	37m	07:55	9h 21m	17:17	37m	17:54	38m	18:33	38m	19:11	14h 37m	10h 49m				So, 2. Feb
Mo, 3. Feb		00:06*–05:59*	5h 52m	M <sub>\</sub> bis AN <sub>-</sub>		09:49	—:—	06:00	38m	06:38	38m	07:16	37m	07:54	9h 24m	17:18	37m	17:56	38m	18:34	38m	19:12	14h 33m	10h 46m				Mo, 3. Feb
Di, 4. Feb		01:34*–05:57*	4h 23m	M <sub>\</sub> bis AN <sub>-</sub>		10:05	00:06	05:59	38m	06:37	38m	07:15	37m	07:52	9h 28m	17:20	37m	17:57	38m	18:36	38m	19:14	14h 30m	10h 43m				Di, 4. Feb
Mi, 5. Feb		03:01*–05:56*	2h 54m	M <sub>\</sub> bis AN <sub>-</sub>	☾	10:25	01:34	05:57	38m	06:35	38m	07:14	37m	07:51	9h 31m	17:22	37m	17:59	38m	18:37	38m	19:15	14h 27m	10h 40m				Mi, 5. Feb
Do, 6. Feb		04:25*–05:54*	1h 29m	M <sub>\</sub> bis AN <sub>-</sub>		10:51	03:01	05:56	38m	06:34	38m	07:12	36m	07:49	9h 34m	17:24	36m	18:01	38m	18:39	38m	19:17	14h 23m	10h 37m				Do, 6. Feb
Fr, 7. Feb		05:37*–05:53*	16m	M <sub>\</sub> bis AN <sub>-</sub>		11:29	04:25	05:54	38m	06:32	38m	07:10	36m	07:47	9h 38m	17:25	36m	18:02	38m	18:40	38m	19:18	14h 20m	10h 34m				Fr, 7. Feb
Sa, 8. Feb		—:~:~:~:~	–	Mond stört		12:21	05:37	05:53	37m	06:31	37m	07:09	36m	07:46	9h 41m	17:27	36m	18:04	38m	18:42	38m	19:20	14h 16m	10h 31m				Sa, 8. Feb
So, 9. Feb		—:~:~:~:~	–	Mond stört		13:29	06:32	05:52	37m	06:29	37m	07:07	36m	07:44	9h 45m	17:29	36m	18:06	37m	18:44	38m	19:22	14h 13m	10h 28m				So, 9. Feb
Mo, 10. Feb		—:~:~:~:~	–	Mond stört		14:46	07:11	05:50	37m	06:28	37m	07:06	36m	07:42	9h 48m	17:31	36m	18:07	37m	18:45	37m	19:23	14h 09m	10h 25m				Mo, 10. Feb
Di, 11. Feb		—:~:~:~:~	–	Mond stört		16:07	07:39	05:48	37m	06:26	37m	07:04	36m	07:40	9h 52m	17:33	36m	18:09	37m	18:47	37m	19:25	14h 06m	10h 22m				Di, 11. Feb
Mi, 12. Feb		—:~:~:~:~	–	Mond stört	☉	17:25	07:58	05:47	37m	06:25	37m	07:02	36m	07:39	9h 55m	17:34												

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

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

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

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

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

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

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