

Mond- und Dämmerungstabelle 2025

für die visuelle Deep-Sky-Beobachtung

Abbeville 50.1058° N 1.8341° E

Berechnung: pyEphem
Textsatz: L^AT_EX

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°) 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₊ (Einbruch der astronomischen Nacht = Ende der astr. Abenddämmerung), M_v (Monduntergang), AN₋ (Ende der astronomischen Nacht = Beginn der astr. Morgendämmerung), M₇

(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°).

Spalte 10 Dauer der astr. Morgendämmerung.

Spalte 11 Beginn der naut. Morgendämmerung (Sonnenhöhe = -12°).

Spalte 12 Dauer der naut. Morgendämmerung.

Spalte 13 Beginn der bürg. Morgendämmerung (Sonnenhöhe = -6°).

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°).

Spalte 20 Dauer der naut. Abenddämmerung.

Spalte 21 Ende der naut. Abenddämmerung (Sonnenhöhe = -12°).

Spalte 22 Dauer der astr. Abenddämmerung.

Spalte 23 Ende der astr. Abenddämmerung (Sonnenhöhe = -18°).

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°) und kein Mond stört.

Spalte 27 Dauer der in Spalte 26 angegebenen Zeitspanne.

Spalte 28 Ereignisse, die die nutzbare Zeitspanne begrenzen: ND₊ (Beginn der »naut. Dunkelheit« = Ende der naut. Abenddämmerung), M_v (Monduntergang), ND₋ (Ende der »naut. Dunkelheit« = Beginn der naut. Morgendämmerung), M₇ (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			
			Δt		Ph.	\nearrow	\searrow	Astr.	Δt	Naut.	Δt	Bürg.	Δt	\nearrow	Δt	\searrow	Δt	Bürg.	Δt	Naut.	Δt	Astr.	Δt	Δt		Δt			
Mi, 1. Jan		19:02–06:50*	11h 48m	AN ₊ bis AN ₋		10:30	18:29	06:50	39m	07:30	40m	08:10	40m	08:51	8h 10m	17:01	40m	17:42	40m	18:22	39m	19:02	15h 49m	11h 48m					Mi, 1. Jan
Do, 2. Jan		19:53–06:50*	10h 57m	M _\ bis AN ₋		10:56	19:53	06:50	39m	07:30	40m	08:10	40m	08:51	8h 11m	17:02	40m	17:43	40m	18:23	39m	19:02	15h 48m	11h 47m					Do, 2. Jan
Fr, 3. Jan		21:17–06:50*	9h 33m	M _\ bis AN ₋		11:16	21:17	06:50	39m	07:30	40m	08:10	40m	08:50	8h 12m	17:03	40m	17:44	40m	18:24	39m	19:03	15h 46m	11h 46m					Fr, 3. Jan
Sa, 4. Jan		22:40–06:50*	8h 10m	M _\ bis AN ₋		11:32	22:40	06:50	39m	07:30	40m	08:10	40m	08:50	8h 14m	17:04	40m	17:45	40m	18:25	39m	19:04	15h 45m	11h 45m					Sa, 4. Jan
So, 5. Jan		00:02*–06:50*	6h 48m	M _\ bis AN ₋		11:46	—:—	06:50	39m	07:29	40m	08:10	40m	08:50	8h 15m	17:06	40m	17:46	40m	18:26	39m	19:05	15h 44m	11h 44m					So, 5. Jan
Mo, 6. Jan		01:25*–06:50*	5h 25m	M _\ bis AN ₋		11:59	00:02	06:50	39m	07:29	40m	08:10	40m	08:50	8h 17m	17:07	40m	17:47	40m	18:27	39m	19:06	15h 42m	11h 43m					Mo, 6. Jan
Di, 7. Jan		02:49*–06:50*	4h 00m	M _\ bis AN ₋	☾	12:14	01:25	06:50	39m	07:29	40m	08:09	40m	08:49	8h 18m	17:08	40m	17:48	40m	18:28	39m	19:07	15h 40m	11h 42m					Di, 7. Jan
Mi, 8. Jan		04:16*–06:50*	2h 33m	M _\ bis AN ₋		12:32	02:49	06:50	39m	07:29	40m	08:09	39m	08:49	8h 20m	17:09	39m	17:49	40m	18:29	39m	19:09	15h 39m	11h 41m					Mi, 8. Jan
Do, 9. Jan		05:43*–06:49*	1h 06m	M _\ bis AN ₋		12:54	04:16	06:50	39m	07:29	40m	08:09	39m	08:48	8h 22m	17:11	39m	17:51	40m	18:31	39m	19:10	15h 37m	11h 39m					Do, 9. Jan
Fr, 10. Jan		—:—:—:—	–	Mond stört		13:25	05:43	06:49	38m	07:28	39m	08:08	39m	08:48	8h 24m	17:12	39m	17:52	39m	18:32	38m	19:11	15h 35m	11h 38m					Fr, 10. Jan
Sa, 11. Jan		—:—:—:—	–	Mond stört		14:09	07:04	06:49	38m	07:28	39m	08:08	39m	08:47	8h 25m	17:13	39m	17:53	39m	18:33	38m	19:12	15h 33m	11h 36m					Sa, 11. Jan
So, 12. Jan		—:—:—:—	–	Mond stört		15:09	08:12	06:49	38m	07:27	39m	08:07	39m	08:47	8h 27m	17:15	39m	17:54	39m	18:34	38m	19:13	15h 31m	11h 35m					So, 12. Jan
Mo, 13. Jan		—:—:~:~:~	–	Mond stört	☾	16:22	09:03	06:48	38m	07:27	39m	08:07	39m	08:46	8h 30m	17:16	39m	17:56	39m	18:35	38m	19:14	15h 29m	11h 33m					Mo, 13. Jan
Di, 14. Jan		—:~:~:~:~	–	Mond stört		17:42	09:39	06:48	38m	07:26	39m	08:06	39m	08:45	8h 32m	17:18	39m	17:57	39m	18:37	38m	19:15	15h 27m	11h 31m					Di, 14. Jan
Mi, 15. Jan		—:~:~:~:~	–	Mond stört		19:02	10:04	06:47	38m	07:26	39m	08:05	39m	08:45	8h 34m	17:19	39m	17:58	39m	18:38	38m	19:17	15h 24m	11h 29m					Mi, 15. Jan
Do, 16. Jan		19:18–20:18	1h 00m	AN ₊ bis M _\		20:18	10:22	06:47	38m	07:25	39m	08:05	39m	08:44	8h 36m	17:21	39m	18:00	39m	18:39	38m	19:18	15h 22m	11h 28m					Do, 16. Jan
Fr, 17. Jan		19:19–21:31	2h 12m	AN ₊ bis M _\		21:31	10:36	06:46	38m	07:25	39m	08:04	38m	08:43	8h 39m	17:22	38m	18:01	39m	18:40	38m	19:19	15h 19m	11h 26m					Fr, 17. Jan
Sa, 18. Jan		19:20–22:41	3h 21m	AN ₊ bis M _\		22:41	10:48	06:45	38m	07:24	39m	08:03	38m	08:42	8h 41m	17:24	38m	18:02	39m	18:42	38m	19:20	15h 17m	11h 24m					Sa, 18. Jan
So, 19. Jan		19:22–23:50	4h 28m	AN ₊ bis M _\		23:50	10:59	06:45	38m	07:23	39m	08:02	38m	08:41	8h 44m	17:25	38m	18:04	39m	18:43	38m	19:22	15h 14m	11h 22m					So, 19. Jan
Mo, 20. Jan		19:23–00:59*	5h 35m	AN ₊ bis M _\		—:—	11:10	06:44	38m	07:22	39m	08:02	38m	08:40	8h 46m	17:27	38m	18:05	39m	18:45	38m	19:23	15h 12m	11h 20m					Mo, 20. Jan
Di, 21. Jan		19:24–02:09*	6h 44m	AN ₊ bis M _\	☾	00:59	11:22	06:43	38m	07:22	39m	08:01	38m	08:39	8h 49m	17:28	38m	18:07	39m	18:46	38m	19:24	15h 09m	11h 18m					Di, 21. Jan
Mi, 22. Jan		19:26–03:21*	7h 55m	AN ₊ bis M _\		02:09	11:37	06:42	38m	07:21	38m	08:00	38m	08:38	8h 51m	17:30	38m	18:08	38m	18:47	38m	19:26	15h 06m	11h 15m					Mi, 22. Jan
Do, 23. Jan		19:27–04:34*	9h 07m	AN ₊ bis M _\		03:21	11:55	06:42	38m	07:20	38m	07:59	38m	08:37	8h 54m	17:32	38m	18:10	38m	18:49	38m	19:27	15h 04m	11h 13m					Do, 23. Jan
Fr, 24. Jan		19:28–05:46*	10h 17m	AN ₊ bis M _\		04:34	12:19	06:41	38m	07:19	38m	07:58	38m	08:36	8h 57m	17:33	38m	18:11	38m	18:50	38m	19:28	15h 01m	11h 11m					Fr, 24. Jan
Sa, 25. Jan		19:30–06:39*	11h 09m	AN ₊ bis AN ₋		05:46	12:54	06:40	38m	07:18	38m	07:57	37m	08:35	9h 00m	17:35	37m	18:13	38m	18:52	38m	19:30	14h 58m	11h 09m					Sa, 25. Jan
So, 26. Jan		19:31–06:38*	11h 06m	AN ₊ bis AN ₋		06:52	13:42	06:39	38m	07:17	38m	07:56	37m	08:33	9h 03m	17:37	37m	18:14	38m	18:53	38m	19:31	14h 55m	11h 06m					So, 26. Jan
Mo, 27. Jan		19:33–06:37*	11h 04m	AN ₊ bis AN ₋		07:47	14:47	06:38	38m	07:16	38m	07:54	37m	08:32	9h 06m	17:38	37m	18:16	38m	18:55	38m	19:33	14h 52m	11h 04m					Mo, 27. Jan
Di, 28. Jan		19:34–06:36*	11h 01m	AN ₊ bis AN ₋		08:28	16:05	06:37	38m	07:15	38m	07:53	37m	08:31	9h 09m	17:40	37m	18:18	38m	18:56	38m	19:34	14h 49m	11h 01m					Di, 28. Jan
Mi, 29. Jan		19:35–06:35*	10h 59m	AN ₊ bis AN ₋	☾	08:58	17:30	06:36	37m	07:14	38m	07:52	37m	08:30	9h 12m	17:42	37m	18:19	38m	18:57	38m	19:35	14h 46m	10h 59m					Mi, 29. Jan
Do, 30. Jan		19:37–06:34*	10h 56m	AN ₊ bis AN ₋		09:20	18:57	06:35	37m	07:13	38m	07:51	37m	08:28	9h 15m	17:43	37m	18:21	38m	18:59	37m	19:37	14h 43m	10h 56m					Do, 30. Jan
Fr, 31. Jan		20:23–06:32*	10h 09m	M _\ bis AN ₋		09:38	20:23	06:34	37m	07:11	38m	07:50	37m	08:27	9h 18m	17:45	37m	18:22	38m	19:00	37m	19:38	14h 40m	10h 54m					Fr, 31. Jan
Sa, 1. Feb		21:48–06:31*	8h 43m	M _\ bis AN ₋		09:52	21:48	06:32	37m	07:10	38m	07:48	37m	08:25	9h 21m	17:47	37m	18:24	38m	19:02	37m	19:40	14h 37m	10h 51m					Sa, 1. Feb
So, 2. Feb		23:12–06:30*	7h 17m	M _\ bis AN ₋		10:06	23:12	06:31	37m	07:09	37m	07:47	36m	08:24	9h 24m	17:48	36m	18:25	38m	19:03	37m	19:41	14h 33m	10h 48m					So, 2. Feb
Mo, 3. Feb		00:37*–06:29*	5h 51m	M _\ bis AN ₋		10:21	—:—	06:30	37m	07:08	37m	07:46	36m	08:22	9h 27m	17:50	36m	18:27	37m	19:05	37m	19:43	14h 30m	10h 45m					Mo, 3. Feb
Di, 4. Feb		02:04*–06:27*	4h 23m	M _\ bis AN ₋		10:37	00:37	06:29	37m	07:06	37m	07:44	36m	08:21	9h 31m	17:52	36m	18:29	37m	19:07	37m	19:44	14h 27m	10h 43m					Di, 4. Feb
Mi, 5. Feb		03:31*–06:26*	2h 55m	M _\ bis AN ₋	☾	10:58	02:04	06:27	37m	07:05	37m	07:43	36m	08:19	9h 34m	17:54	36m	18:30	37m	19:08	37m	19:46	14h 24m	10h 40m					Mi, 5. Feb
Do, 6. Feb		04:53*–06:25*	1h 31m	M _\ bis AN ₋		11:25	03:31	06:26	37m	07:04	37m	07:41	36m	08:18	9h 37m	17:55	36m	18:32	37m	19:10	37m	19:47	14h 20m	10h 37m					Do, 6. Feb
Fr, 7. Feb		06:04*–06:23*	18m	M _\ bis AN ₋		12:04	04:53	06:25	37m	07:02	37m	07:40	36m	08:16	9h 41m	17:57	36m	18:34	37m	19:11	37m	19:49	14h 17m	10h 34m					Fr, 7. Feb
Sa, 8. Feb		—:~:~:~:~	–	Mond stört		12:57	06:04	06:23	37m	07:01	37m	07:38	36m	08:14	9h 44m	17:59	36m	18:35	37m	19:13	37m	19:50	14h 13m	10h 31m					Sa, 8. Feb
So, 9. Feb		—:~:~:~:~	–	Mond stört		14:05	07:00	06:22	37m	06:59	37m	07:37	36m	08:13	9h 47m	18:01	36m	18:37	37m	19:14	37m	19:52	14h 10m	10h 28m					So, 9. Feb
Mo, 10. Feb		—:~:~:~:~	–	Mond stört		15:21	07:39	06:20	37m	06:58	37m	07:35	35m	08:11	9h 51m	18:02	36m	18:38	37m	19:16	37m	19:53	14h 06m	10h 25m					Mo, 10. Feb
Di, 11. Feb		—:~:~:~:~	–	Mond stört		16:41	08:07	06:19	37m	06:56	37m	07:33	35m	08:09	9h 54m	18:04	35m	18:40	37m	19:17	37m	19:55	14h 03m	10h 22m					

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

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

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

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

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

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