

Mond- und Dämmerungstabelle 2025

für die visuelle Deep-Sky-Beobachtung

Mörel-Filet 46.3570° N 8.0480° 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		18:42–06:20*	11h 37m	AN ₊ bis AN ₋		09:46	18:21	06:20	36m	06:56	37m	07:33	36m	08:10	8h 41m	16:52	36m	17:29	37m	18:06	36m	18:42	15h 18m	11h 37m					Mi, 1. Jan
Do, 2. Jan		19:40–06:20*	10h 39m	M _\ bis AN ₋		10:17	19:40	06:20	36m	06:56	37m	07:33	36m	08:10	8h 42m	16:53	36m	17:30	37m	18:07	36m	18:43	15h 17m	11h 36m					Do, 2. Jan
Fr, 3. Jan		20:59–06:20*	9h 20m	M _\ bis AN ₋		10:41	20:59	06:20	36m	06:56	37m	07:33	36m	08:10	8h 43m	16:54	36m	17:31	37m	18:08	36m	18:44	15h 16m	11h 35m					Fr, 3. Jan
Sa, 4. Jan		22:18–06:20*	8h 02m	M _\ bis AN ₋		11:01	22:18	06:20	36m	06:56	37m	07:33	36m	08:10	8h 44m	16:55	36m	17:31	37m	18:09	36m	18:45	15h 15m	11h 34m					Sa, 4. Jan
So, 5. Jan		23:35–06:20*	6h 44m	M _\ bis AN ₋		11:19	23:35	06:20	36m	06:56	37m	07:33	36m	08:10	8h 45m	16:56	36m	17:32	37m	18:10	36m	18:46	15h 13m	11h 33m					So, 5. Jan
Mo, 6. Jan		00:53*–06:20*	5h 26m	M _\ bis AN ₋		11:37	—:—	06:20	36m	06:56	37m	07:33	36m	08:10	8h 47m	16:57	36m	17:34	37m	18:11	36m	18:47	15h 12m	11h 32m					Mo, 6. Jan
Di, 7. Jan		02:13*–06:20*	4h 06m	M _\ bis AN ₋	☾	11:56	00:53	06:20	36m	06:56	37m	07:33	36m	08:09	8h 48m	16:58	36m	17:35	37m	18:12	36m	18:48	15h 11m	11h 31m					Di, 7. Jan
Mi, 8. Jan		03:35*–06:19*	2h 44m	M _\ bis AN ₋		12:17	02:13	06:20	36m	06:56	36m	07:33	36m	08:09	8h 50m	16:59	36m	17:36	36m	18:13	36m	18:49	15h 09m	11h 30m					Mi, 8. Jan
Do, 9. Jan		04:57*–06:19*	1h 21m	M _\ bis AN ₋		12:44	03:35	06:19	36m	06:56	36m	07:33	36m	08:09	8h 51m	17:00	36m	17:37	36m	18:14	36m	18:50	15h 08m	11h 29m					Do, 9. Jan
Fr, 10. Jan		06:15*–06:19*	3m	M _\ bis AN ₋		13:20	04:57	06:19	36m	06:55	36m	07:32	36m	08:08	8h 53m	17:02	36m	17:38	36m	18:15	36m	18:51	15h 06m	11h 28m					Fr, 10. Jan
Sa, 11. Jan		—:—:—:—	–	Mond stört		14:06	06:15	06:19	36m	06:55	36m	07:32	36m	08:08	8h 54m	17:03	36m	17:39	36m	18:16	36m	18:52	15h 04m	11h 26m					Sa, 11. Jan
So, 12. Jan		—:—:—:—	–	Mond stört		15:06	07:22	06:19	36m	06:55	36m	07:32	36m	08:08	8h 56m	17:04	36m	17:40	36m	18:17	36m	18:53	15h 03m	11h 25m					So, 12. Jan
Mo, 13. Jan		—:—:—:—	–	Mond stört	☾	16:17	08:15	06:18	36m	06:55	36m	07:31	35m	08:07	8h 58m	17:05	35m	17:41	36m	18:18	36m	18:54	15h 01m	11h 24m					Mo, 13. Jan
Di, 14. Jan		—:—:~:~	–	Mond stört		17:33	08:55	06:18	36m	06:54	36m	07:31	35m	08:07	9h 00m	17:07	35m	17:43	36m	18:19	36m	18:55	14h 59m	11h 22m					Di, 14. Jan
Mi, 15. Jan		—:~:~:~	–	Mond stört		18:48	09:24	06:18	35m	06:54	36m	07:30	35m	08:06	9h 01m	17:08	35m	17:44	36m	18:20	35m	18:56	14h 57m	11h 21m					Mi, 15. Jan
Do, 16. Jan		18:57–20:01	1h 03m	AN ₊ bis M _\		20:01	09:47	06:17	35m	06:53	36m	07:30	35m	08:05	9h 03m	17:09	35m	17:45	36m	18:21	35m	18:57	14h 55m	11h 19m					Do, 16. Jan
Fr, 17. Jan		18:59–21:10	2h 11m	AN ₊ bis M _\		21:10	10:05	06:17	35m	06:53	36m	07:29	35m	08:05	9h 05m	17:11	35m	17:46	36m	18:23	35m	18:59	14h 53m	11h 17m					Fr, 17. Jan
Sa, 18. Jan		19:00–22:16	3h 16m	AN ₊ bis M _\		22:16	10:21	06:16	35m	06:52	36m	07:28	35m	08:04	9h 08m	17:12	35m	17:47	36m	18:24	35m	19:00	14h 51m	11h 16m					Sa, 18. Jan
So, 19. Jan		19:01–23:21	4h 20m	AN ₊ bis M _\		23:21	10:35	06:16	35m	06:52	36m	07:28	35m	08:03	9h 10m	17:13	35m	17:49	36m	18:25	35m	19:01	14h 49m	11h 14m					So, 19. Jan
Mo, 20. Jan		19:02–00:26*	5h 24m	AN ₊ bis M _\		—:—	10:50	06:15	35m	06:51	36m	07:27	35m	08:02	9h 12m	17:15	35m	17:50	36m	18:26	35m	19:02	14h 46m	11h 12m					Mo, 20. Jan
Di, 21. Jan		19:03–01:32*	6h 29m	AN ₊ bis M _\	☾	00:26	11:05	06:15	35m	06:50	36m	07:26	35m	08:02	9h 14m	17:16	35m	17:51	36m	18:27	35m	19:03	14h 44m	11h 10m					Di, 21. Jan
Mi, 22. Jan		19:04–02:40*	7h 35m	AN ₊ bis M _\		01:32	11:23	06:14	35m	06:50	36m	07:26	35m	08:01	9h 16m	17:18	35m	17:53	36m	18:29	35m	19:04	14h 42m	11h 08m					Mi, 22. Jan
Do, 23. Jan		19:06–03:49*	8h 43m	AN ₊ bis M _\		02:40	11:45	06:13	35m	06:49	35m	07:25	34m	08:00	9h 19m	17:19	35m	17:54	35m	18:30	35m	19:06	14h 39m	11h 06m					Do, 23. Jan
Fr, 24. Jan		19:07–04:58*	9h 51m	AN ₊ bis M _\		03:49	12:13	06:13	35m	06:48	35m	07:24	34m	07:59	9h 21m	17:20	34m	17:55	35m	18:31	35m	19:07	14h 37m	11h 04m					Fr, 24. Jan
Sa, 25. Jan		19:08–06:02*	10h 54m	AN ₊ bis M _\		04:58	12:51	06:12	35m	06:47	35m	07:23	34m	07:58	9h 24m	17:22	34m	17:57	35m	18:33	35m	19:08	14h 34m	11h 02m					Sa, 25. Jan
So, 26. Jan		19:09–06:10*	11h 00m	AN ₊ bis AN ₋		06:02	13:41	06:11	35m	06:46	35m	07:22	34m	07:57	9h 26m	17:23	34m	17:58	35m	18:34	35m	19:09	14h 32m	11h 00m					So, 26. Jan
Mo, 27. Jan		19:11–06:09*	10h 58m	AN ₊ bis AN ₋		06:58	14:44	06:10	35m	06:46	35m	07:21	34m	07:56	9h 29m	17:25	34m	17:59	35m	18:35	35m	19:11	14h 29m	10h 58m					Mo, 27. Jan
Di, 28. Jan		19:12–06:08*	10h 56m	AN ₊ bis AN ₋		07:42	15:58	06:09	35m	06:45	35m	07:20	34m	07:55	9h 31m	17:26	34m	18:01	35m	18:36	35m	19:12	14h 27m	10h 56m					Di, 28. Jan
Mi, 29. Jan		19:13–06:07*	10h 54m	AN ₊ bis AN ₋	☾	08:17	17:19	06:08	35m	06:44	35m	07:19	34m	07:54	9h 34m	17:28	34m	18:02	35m	18:38	35m	19:13	14h 24m	10h 54m					Mi, 29. Jan
Do, 30. Jan		19:14–06:06*	10h 52m	AN ₊ bis AN ₋		08:43	18:41	06:07	35m	06:43	35m	07:18	34m	07:52	9h 36m	17:29	34m	18:04	35m	18:39	35m	19:14	14h 21m	10h 52m					Do, 30. Jan
Fr, 31. Jan		20:02–06:05*	10h 03m	M _\ bis AN ₋		09:05	20:02	06:06	35m	06:42	35m	07:17	34m	07:51	9h 39m	17:31	34m	18:05	35m	18:40	35m	19:16	14h 19m	10h 49m					Fr, 31. Jan
Sa, 1. Feb		21:22–06:04*	8h 42m	M _\ bis AN ₋		09:25	21:22	06:05	35m	06:41	35m	07:16	34m	07:50	9h 42m	17:32	34m	18:06	35m	18:42	35m	19:17	14h 16m	10h 47m					Sa, 1. Feb
So, 2. Feb		22:42–06:03*	7h 21m	M _\ bis AN ₋		09:43	22:42	06:04	35m	06:40	35m	07:15	33m	07:49	9h 45m	17:34	34m	18:08	35m	18:43	35m	19:18	14h 13m	10h 45m					So, 2. Feb
Mo, 3. Feb		00:02*–06:02*	5h 59m	M _\ bis AN ₋		10:01	—:—	06:03	35m	06:38	35m	07:14	33m	07:47	9h 47m	17:35	33m	18:09	35m	18:44	35m	19:20	14h 10m	10h 42m					Mo, 3. Feb
Di, 4. Feb		01:24*–06:01*	4h 36m	M _\ bis AN ₋		10:22	00:02	06:02	35m	06:37	35m	07:12	33m	07:46	9h 50m	17:37	33m	18:11	35m	18:46	35m	19:21	14h 08m	10h 40m					Di, 4. Feb
Mi, 5. Feb		02:46*–06:00*	3h 13m	M _\ bis AN ₋	☾	10:47	01:24	06:01	35m	06:36	35m	07:11	33m	07:45	9h 53m	17:38	33m	18:12	35m	18:47	35m	19:22	14h 05m	10h 37m					Mi, 5. Feb
Do, 6. Feb		04:05*–05:59*	1h 54m	M _\ bis AN ₋		11:19	02:46	06:00	34m	06:35	34m	07:10	33m	07:43	9h 56m	17:40	33m	18:13	35m	18:48	35m	19:24	14h 02m	10h 35m					Do, 6. Feb
Fr, 7. Feb		05:14*–05:57*	43m	M _\ bis AN ₋		12:01	04:05	05:59	34m	06:34	34m	07:09	33m	07:42	9h 59m	17:41	33m	18:15	34m	18:50	35m	19:25	13h 59m	10h 32m					Fr, 7. Feb
Sa, 8. Feb		—:~:~:~	–	Mond stört		12:55	05:14	05:57	34m	06:32	34m	07:07	33m	07:41	10h 02m	17:43	33m	18:16	34m	18:51	34m	19:26	13h 56m	10h 30m					Sa, 8. Feb
So, 9. Feb		—:~:~:~	–	Mond stört		14:01	06:11	05:56	34m	06:31	34m	07:06	33m	07:39	10h 05m	17:44	33m	18:18	34m	18:53	34m	19:28	13h 53m	10h 27m					So, 9. Feb
Mo, 10. Feb		—:~:~:~	–	Mond stört		15:15	06:54	05:55	34m	06:30	34m	07:05	33m	07:38	10h 08m	17:46	33m	18:19	34m	18:54	34m	19:29	13h 50m	10h 24m					Mo, 10. Feb
Di, 11. Feb		—:~:~:~	–	Mond stört		16:30	07:26	05:54	34m	06:28	34m	07:03	33m	07:36	10h 11m	17:47	33m	18:21	34m	18:55	34m	19:30	13h 47m	10h 22m					Di, 11.

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

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

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

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

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

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