

Mond- und Dämmerungstabelle 2025

für die visuelle Deep-Sky-Beobachtung

Limoux 43.0578° N 2.2192° 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	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				
Mi, 1. Jan		19:11–06:38*	11h 27m	AN ₊ bis AN ₋		09:56	18:58	06:38	34m	07:13	34m	07:48	34m	08:22	9h 05m	17:27	34m	18:01	34m	18:36	34m	19:11	14h 54m	11h 27m						Mi, 1. Jan
Do, 2. Jan		20:14–06:38*	10h 24m	M _{\searrow} bis AN ₋		10:30	20:14	06:38	34m	07:13	34m	07:48	34m	08:22	9h 05m	17:28	34m	18:02	34m	18:37	34m	19:11	14h 54m	11h 27m						Do, 2. Jan
Fr, 3. Jan		21:30–06:39*	9h 08m	M _{\searrow} bis AN ₋		10:57	21:30	06:38	34m	07:13	34m	07:48	34m	08:22	9h 06m	17:29	34m	18:03	34m	18:38	34m	19:12	14h 53m	11h 26m						Fr, 3. Jan
Sa, 4. Jan		22:45–06:39*	7h 53m	M _{\searrow} bis AN ₋		11:20	22:45	06:39	34m	07:13	34m	07:48	34m	08:22	9h 07m	17:30	34m	18:04	34m	18:39	34m	19:13	14h 52m	11h 25m						Sa, 4. Jan
So, 5. Jan		23:59–06:39*	6h 39m	M _{\searrow} bis AN ₋		11:42	23:59	06:39	34m	07:13	34m	07:48	34m	08:22	9h 08m	17:31	34m	18:05	34m	18:40	34m	19:14	14h 50m	11h 24m						So, 5. Jan
Mo, 6. Jan		01:14*–06:39*	5h 24m	M _{\searrow} bis AN ₋		12:03	—:—	06:39	34m	07:13	34m	07:48	33m	08:22	9h 10m	17:32	33m	18:06	34m	18:40	34m	19:15	14h 49m	11h 23m						Mo, 6. Jan
Di, 7. Jan		02:30*–06:38*	4h 08m	M _{\searrow} bis AN ₋	☾	12:25	01:14	06:39	34m	07:13	34m	07:48	33m	08:22	9h 11m	17:33	33m	18:07	34m	18:41	34m	19:16	14h 48m	11h 22m						Di, 7. Jan
Mi, 8. Jan		03:49*–06:38*	2h 49m	M _{\searrow} bis AN ₋		12:50	02:30	06:38	34m	07:13	34m	07:47	33m	08:21	9h 12m	17:34	33m	18:08	34m	18:42	34m	19:17	14h 47m	11h 21m						Mi, 8. Jan
Do, 9. Jan		05:08*–06:38*	1h 30m	M _{\searrow} bis AN ₋		13:20	03:49	06:38	34m	07:13	34m	07:47	33m	08:21	9h 13m	17:35	33m	18:09	34m	18:43	34m	19:18	14h 45m	11h 20m						Do, 9. Jan
Fr, 10. Jan		06:23*–06:38*	15m	M _{\searrow} bis AN ₋		13:59	05:08	06:38	34m	07:12	34m	07:47	33m	08:21	9h 15m	17:36	33m	18:10	34m	18:44	34m	19:18	14h 44m	11h 19m						Fr, 10. Jan
Sa, 11. Jan		—:—:—:—	–	Mond stört		14:48	06:23	06:38	34m	07:12	34m	07:47	33m	08:20	9h 16m	17:37	33m	18:11	34m	18:45	34m	19:19	14h 43m	11h 18m						Sa, 11. Jan
So, 12. Jan		—:—:—:—	–	Mond stört		15:48	07:29	06:38	34m	07:12	34m	07:47	33m	08:20	9h 18m	17:38	33m	18:12	34m	18:46	34m	19:20	14h 41m	11h 17m						So, 12. Jan
Mo, 13. Jan		—:—:—:—	–	Mond stört	☾	16:57	08:23	06:38	34m	07:12	34m	07:46	33m	08:20	9h 19m	17:39	33m	18:13	34m	18:47	34m	19:21	14h 39m	11h 15m						Mo, 13. Jan
Di, 14. Jan		—:—:—:—	–	Mond stört		18:10	09:05	06:37	34m	07:11	34m	07:46	33m	08:19	9h 21m	17:41	33m	18:14	34m	18:48	34m	19:22	14h 38m	11h 14m						Di, 14. Jan
Mi, 15. Jan		—:—:—:—	–	Mond stört		19:23	09:37	06:37	33m	07:11	34m	07:45	33m	08:19	9h 22m	17:42	33m	18:15	34m	18:49	33m	19:23	14h 36m	11h 13m						Mi, 15. Jan
Do, 16. Jan		19:24–20:32	1h 07m	AN ₊ bis M _{\searrow}		20:32	10:03	06:37	33m	07:11	34m	07:45	33m	08:18	9h 24m	17:43	33m	18:16	34m	18:51	33m	19:24	14h 34m	11h 11m						Do, 16. Jan
Fr, 17. Jan		19:26–21:38	2h 12m	AN ₊ bis M _{\searrow}		21:38	10:24	06:36	33m	07:10	34m	07:45	33m	08:18	9h 26m	17:44	33m	18:17	34m	18:52	33m	19:26	14h 33m	11h 10m						Fr, 17. Jan
Sa, 18. Jan		19:27–22:41	3h 14m	AN ₊ bis M _{\searrow}		22:41	10:42	06:36	33m	07:10	34m	07:44	33m	08:17	9h 28m	17:45	33m	18:19	34m	18:53	33m	19:27	14h 31m	11h 08m						Sa, 18. Jan
So, 19. Jan		19:28–23:43	4h 15m	AN ₊ bis M _{\searrow}		23:43	10:59	06:36	33m	07:09	34m	07:43	33m	08:17	9h 30m	17:47	33m	18:20	34m	18:54	33m	19:28	14h 29m	11h 07m						So, 19. Jan
Mo, 20. Jan		19:29–00:46*	5h 16m	AN ₊ bis M _{\searrow}		—:—	11:17	06:35	33m	07:09	34m	07:43	32m	08:16	9h 31m	17:48	32m	18:21	34m	18:55	33m	19:29	14h 27m	11h 05m						Mo, 20. Jan
Di, 21. Jan		19:30–01:49*	6h 18m	AN ₊ bis M _{\searrow}	☾	00:46	11:35	06:35	33m	07:08	33m	07:42	32m	08:15	9h 33m	17:49	32m	18:22	33m	18:56	33m	19:30	14h 25m	11h 04m						Di, 21. Jan
Mi, 22. Jan		19:31–02:54*	7h 22m	AN ₊ bis M _{\searrow}		01:49	11:56	06:34	33m	07:08	33m	07:42	32m	08:14	9h 35m	17:50	32m	18:23	33m	18:57	33m	19:31	14h 23m	11h 02m						Mi, 22. Jan
Do, 23. Jan		19:32–04:00*	8h 28m	AN ₊ bis M _{\searrow}		02:54	12:21	06:33	33m	07:07	33m	07:41	32m	08:14	9h 38m	17:52	32m	18:24	33m	18:58	33m	19:32	14h 21m	11h 00m						Do, 23. Jan
Fr, 24. Jan		19:33–05:06*	9h 33m	AN ₊ bis M _{\searrow}		04:00	12:52	06:33	33m	07:06	33m	07:40	32m	08:13	9h 40m	17:53	32m	18:26	33m	18:59	33m	19:33	14h 19m	10h 59m						Fr, 24. Jan
Sa, 25. Jan		19:34–06:09*	10h 34m	AN ₊ bis M _{\searrow}		05:06	13:32	06:32	33m	07:06	33m	07:39	32m	08:12	9h 42m	17:54	32m	18:27	33m	19:01	33m	19:34	14h 16m	10h 57m						Sa, 25. Jan
So, 26. Jan		19:35–06:31*	10h 55m	AN ₊ bis AN ₋		06:09	14:23	06:32	33m	07:05	33m	07:39	32m	08:11	9h 44m	17:56	32m	18:28	33m	19:02	33m	19:35	14h 14m	10h 55m						So, 26. Jan
Mo, 27. Jan		19:36–06:30*	10h 53m	AN ₊ bis AN ₋		07:04	15:26	06:31	33m	07:04	33m	07:38	32m	08:10	9h 46m	17:57	32m	18:29	33m	19:03	33m	19:36	14h 12m	10h 53m						Mo, 27. Jan
Di, 28. Jan		19:38–06:29*	10h 51m	AN ₊ bis AN ₋		07:51	16:38	06:30	33m	07:03	33m	07:37	32m	08:09	9h 48m	17:58	32m	18:31	33m	19:04	33m	19:38	14h 10m	10h 51m						Di, 28. Jan
Mi, 29. Jan		19:39–06:28*	10h 49m	AN ₊ bis AN ₋	☾	08:28	17:55	06:29	33m	07:03	33m	07:36	32m	08:08	9h 51m	18:00	32m	18:32	33m	19:05	33m	19:39	14h 07m	10h 49m						Mi, 29. Jan
Do, 30. Jan		19:40–06:28*	10h 47m	AN ₊ bis AN ₋		08:58	19:13	06:28	33m	07:02	33m	07:35	32m	08:07	9h 53m	18:01	32m	18:33	33m	19:07	33m	19:40	14h 05m	10h 47m						Do, 30. Jan
Fr, 31. Jan		20:31–06:27*	9h 56m	M _{\searrow} bis AN ₋		09:24	20:31	06:28	33m	07:01	33m	07:34	32m	08:06	9h 55m	18:02	32m	18:34	33m	19:08	33m	19:41	14h 03m	10h 45m						Fr, 31. Jan
Sa, 1. Feb		21:47–06:26*	8h 38m	M _{\searrow} bis AN ₋		09:46	21:47	06:27	33m	07:00	33m	07:33	31m	08:05	9h 58m	18:04	32m	18:36	33m	19:09	33m	19:42	14h 00m	10h 43m						Sa, 1. Feb
So, 2. Feb		23:04–06:25*	7h 21m	M _{\searrow} bis AN ₋		10:07	23:04	06:26	33m	06:59	33m	07:32	31m	08:04	10h 00m	18:05	31m	18:37	33m	19:10	33m	19:43	13h 58m	10h 41m						So, 2. Feb
Mo, 3. Feb		00:21*–06:24*	6h 03m	M _{\searrow} bis AN ₋		10:29	—:—	06:25	33m	06:58	33m	07:31	31m	08:03	10h 03m	18:06	31m	18:38	33m	19:11	33m	19:45	13h 55m	10h 39m						Mo, 3. Feb
Di, 4. Feb		01:39*–06:23*	4h 44m	M _{\searrow} bis AN ₋		10:53	00:21	06:24	33m	06:57	33m	07:30	31m	08:02	10h 05m	18:08	31m	18:39	33m	19:13	33m	19:46	13h 53m	10h 37m						Di, 4. Feb
Mi, 5. Feb		02:57*–06:22*	3h 24m	M _{\searrow} bis AN ₋	☾	11:22	01:39	06:23	33m	06:56	33m	07:29	31m	08:01	10h 08m	18:09	31m	18:41	33m	19:14	33m	19:47	13h 50m	10h 34m						Mi, 5. Feb
Do, 6. Feb		04:13*–06:21*	2h 08m	M _{\searrow} bis AN ₋		11:57	02:57	06:22	33m	06:55	33m	07:28	31m	08:00	10h 10m	18:10	31m	18:42	33m	19:15	33m	19:48	13h 48m	10h 32m						Do, 6. Feb
Fr, 7. Feb		05:21*–06:20*	58m	M _{\searrow} bis AN ₋		12:42	04:13	06:21	33m	06:54	32m	07:27	31m	07:58	10h 13m	18:12	31m	18:43	32m	19:16	33m	19:49	13h 45m	10h 30m						Fr, 7. Feb
Sa, 8. Feb		06:18*–06:19*	0m	M _{\searrow} bis AN ₋		13:37	05:21	06:20	33m	06:53	32m	07:26	31m	07:57	10h 15m	18:13	31m	18:44	32m	19:17	33m	19:50	13h 42m	10h 28m						Sa, 8. Feb
So, 9. Feb		—:—:—:—	–	Mond stört		14:42	06:18	06:19	33m	06:52	32m	07:24	31m	07:56	10h 18m	18:14	31m	18:46	32m	19:19	33m	19:52	13h 40m	10h 25m						So, 9. Feb
Mo, 10. Feb		—:—:~:~:~	–	Mond stört		15:53	07:03	06:17	32m	06:50	32m	07:23	31m	07:55	10h 21m	18:16	31m	18:47	32m	19:20	33m	19:53	13h 37m	10h 23m						Mo,

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

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

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

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

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

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

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