

Mond- und Dämmerungstabelle 2025

für die visuelle Deep-Sky-Beobachtung

Nogent-sur-Seine 48.4942° N 3.5033° 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		18:57–06:41*	11h 43m	AN ₊ bis AN ₋		10:15	18:30	06:41	38m	07:19	39m	07:58	38m	08:37	8h 24m	17:02	38m	17:40	39m	18:19	38m	18:57	15h 35m	11h 43m					Mi, 1. Jan
Do, 2. Jan		19:52–06:41*	10h 49m	M _\ bis AN ₋		10:43	19:52	06:41	37m	07:19	38m	07:58	38m	08:37	8h 25m	17:03	38m	17:41	38m	18:20	38m	18:58	15h 34m	11h 42m					Do, 2. Jan
Fr, 3. Jan		21:14–06:41*	9h 27m	M _\ bis AN ₋		11:05	21:14	06:41	37m	07:19	38m	07:58	38m	08:37	8h 26m	17:04	38m	17:42	38m	18:21	37m	18:59	15h 33m	11h 42m					Fr, 3. Jan
Sa, 4. Jan		22:35–06:41*	8h 06m	M _\ bis AN ₋		11:23	22:35	06:41	37m	07:19	38m	07:58	38m	08:37	8h 28m	17:05	38m	17:43	38m	18:22	37m	19:00	15h 31m	11h 41m					Sa, 4. Jan
So, 5. Jan		23:55–06:41*	6h 46m	M _\ bis AN ₋		11:38	23:55	06:41	37m	07:19	38m	07:58	38m	08:36	8h 29m	17:06	38m	17:44	38m	18:23	37m	19:01	15h 30m	11h 39m					So, 5. Jan
Mo, 6. Jan		01:15*–06:41*	5h 25m	M _\ bis AN ₋		11:54	—:—	06:41	37m	07:19	38m	07:58	38m	08:36	8h 30m	17:07	38m	17:45	38m	18:24	37m	19:02	15h 28m	11h 38m					Mo, 6. Jan
Di, 7. Jan		02:38*–06:41*	4h 02m	M _\ bis AN ₋	☾	12:10	01:15	06:41	37m	07:19	38m	07:57	38m	08:36	8h 32m	17:08	38m	17:47	38m	18:25	37m	19:03	15h 27m	11h 37m					Di, 7. Jan
Mi, 8. Jan		04:02*–06:41*	2h 38m	M _\ bis AN ₋		12:30	02:38	06:41	37m	07:19	38m	07:57	38m	08:36	8h 33m	17:09	38m	17:48	38m	18:26	37m	19:04	15h 25m	11h 36m					Mi, 8. Jan
Do, 9. Jan		05:27*–06:40*	1h 13m	M _\ bis AN ₋		12:54	04:02	06:41	37m	07:18	38m	07:57	38m	08:35	8h 35m	17:11	38m	17:49	38m	18:27	37m	19:05	15h 24m	11h 35m					Do, 9. Jan
Fr, 10. Jan		—:—:—:—	–	Mond stört		13:27	05:27	06:40	37m	07:18	38m	07:57	38m	08:35	8h 37m	17:12	38m	17:50	38m	18:29	37m	19:06	15h 22m	11h 33m					Fr, 10. Jan
Sa, 11. Jan		—:—:—:—	–	Mond stört		14:13	06:47	06:40	37m	07:18	38m	07:56	38m	08:34	8h 38m	17:13	38m	17:51	38m	18:30	37m	19:07	15h 20m	11h 32m					Sa, 11. Jan
So, 12. Jan		—:—:—:—	–	Mond stört		15:12	07:54	06:40	37m	07:17	38m	07:56	37m	08:34	8h 40m	17:14	37m	17:52	38m	18:31	37m	19:08	15h 18m	11h 30m					So, 12. Jan
Mo, 13. Jan		—:—:—:—	–	Mond stört	☾	16:25	08:46	06:39	37m	07:17	38m	07:55	37m	08:33	8h 42m	17:16	37m	17:54	38m	18:32	37m	19:10	15h 16m	11h 29m					Mo, 13. Jan
Di, 14. Jan		—:—:~:~	–	Mond stört		17:42	09:24	06:39	37m	07:16	38m	07:55	37m	08:32	8h 44m	17:17	37m	17:55	38m	18:33	37m	19:11	15h 14m	11h 27m					Di, 14. Jan
Mi, 15. Jan		—:~:~:~	–	Mond stört		19:00	09:51	06:38	37m	07:16	38m	07:54	37m	08:32	8h 46m	17:19	37m	17:56	38m	18:34	37m	19:12	15h 12m	11h 26m					Mi, 15. Jan
Do, 16. Jan		19:13–20:15	1h 02m	AN ₊ bis M ₇		20:15	10:11	06:38	37m	07:15	38m	07:53	37m	08:31	8h 49m	17:20	37m	17:58	38m	18:36	37m	19:13	15h 10m	11h 24m					Do, 16. Jan
Fr, 17. Jan		19:14–21:26	2h 12m	AN ₊ bis M ₇		21:26	10:27	06:37	37m	07:15	38m	07:53	37m	08:30	8h 51m	17:21	37m	17:59	38m	18:37	37m	19:14	15h 07m	11h 22m					Fr, 17. Jan
Sa, 18. Jan		19:16–22:35	3h 19m	AN ₊ bis M ₇		22:35	10:40	06:37	37m	07:14	37m	07:52	37m	08:29	8h 53m	17:23	37m	18:00	37m	18:38	37m	19:16	15h 05m	11h 20m					Sa, 18. Jan
So, 19. Jan		19:17–23:42	4h 25m	AN ₊ bis M ₇		23:42	10:53	06:36	37m	07:14	37m	07:51	37m	08:29	8h 55m	17:24	37m	18:02	37m	18:39	37m	19:17	15h 03m	11h 18m					So, 19. Jan
Mo, 20. Jan		19:18–00:49*	5h 30m	AN ₊ bis M ₇		—:—	11:05	06:36	37m	07:13	37m	07:51	37m	08:28	8h 58m	17:26	37m	18:03	37m	18:41	37m	19:18	15h 00m	11h 16m					Mo, 20. Jan
Di, 21. Jan		19:19–01:57*	6h 37m	AN ₊ bis M ₇	☾	00:49	11:19	06:35	37m	07:12	37m	07:50	36m	08:27	9h 00m	17:27	36m	18:04	37m	18:42	37m	19:19	14h 58m	11h 14m					Di, 21. Jan
Mi, 22. Jan		19:21–03:07*	7h 46m	AN ₊ bis M ₇		01:57	11:35	06:34	37m	07:11	37m	07:49	36m	08:26	9h 03m	17:29	36m	18:06	37m	18:43	37m	19:21	14h 55m	11h 12m					Mi, 22. Jan
Do, 23. Jan		19:22–04:19*	8h 56m	AN ₊ bis M ₇		03:07	11:55	06:33	37m	07:10	37m	07:48	36m	08:25	9h 05m	17:30	36m	18:07	37m	18:45	37m	19:22	14h 53m	11h 10m					Do, 23. Jan
Fr, 24. Jan		19:23–05:29*	10h 06m	AN ₊ bis M ₇		04:19	12:21	06:33	36m	07:10	37m	07:47	36m	08:24	9h 08m	17:32	36m	18:09	37m	18:46	37m	19:23	14h 50m	11h 08m					Fr, 24. Jan
Sa, 25. Jan		19:24–06:31*	11h 06m	AN ₊ bis AN ₋		05:29	12:57	06:32	36m	07:09	37m	07:46	36m	08:23	9h 10m	17:34	36m	18:10	37m	18:47	36m	19:24	14h 47m	11h 06m					Sa, 25. Jan
So, 26. Jan		19:26–06:30*	11h 04m	AN ₊ bis AN ₋		06:34	13:47	06:31	36m	07:08	37m	07:45	36m	08:21	9h 13m	17:35	36m	18:12	37m	18:49	36m	19:26	14h 45m	11h 04m					So, 26. Jan
Mo, 27. Jan		19:27–06:29*	11h 01m	AN ₊ bis AN ₋		07:29	14:51	06:30	36m	07:07	37m	07:44	36m	08:20	9h 16m	17:37	36m	18:13	37m	18:50	36m	19:27	14h 42m	11h 01m					Mo, 27. Jan
Di, 28. Jan		19:28–06:28*	10h 59m	AN ₊ bis AN ₋		08:12	16:07	06:29	36m	07:06	37m	07:43	36m	08:19	9h 19m	17:38	36m	18:14	37m	18:52	36m	19:28	14h 39m	10h 59m					Di, 28. Jan
Mi, 29. Jan		19:30–06:27*	10h 57m	AN ₊ bis AN ₋	☾	08:44	17:30	06:28	36m	07:05	37m	07:42	36m	08:18	9h 22m	17:40	36m	18:16	37m	18:53	36m	19:30	14h 36m	10h 57m					Mi, 29. Jan
Do, 30. Jan		19:31–06:26*	10h 54m	AN ₊ bis AN ₋		09:08	18:54	06:27	36m	07:04	36m	07:41	35m	08:17	9h 24m	17:42	35m	18:17	36m	18:54	36m	19:31	14h 33m	10h 54m					Do, 30. Jan
Fr, 31. Jan		20:18–06:25*	10h 06m	M _\ bis AN ₋		09:28	20:18	06:26	36m	07:03	36m	07:39	35m	08:15	9h 27m	17:43	35m	18:19	36m	18:56	36m	19:33	14h 30m	10h 52m					Fr, 31. Jan
Sa, 1. Feb		21:41–06:24*	8h 42m	M _\ bis AN ₋		09:45	21:41	06:25	36m	07:01	36m	07:38	35m	08:14	9h 30m	17:45	35m	18:20	36m	18:57	36m	19:34	14h 27m	10h 49m					Sa, 1. Feb
So, 2. Feb		23:03–06:23*	7h 19m	M _\ bis AN ₋		10:00	23:03	06:24	36m	07:00	36m	07:37	35m	08:13	9h 33m	17:46	35m	18:22	36m	18:59	36m	19:35	14h 24m	10h 47m					So, 2. Feb
Mo, 3. Feb		00:26*–06:21*	5h 54m	M _\ bis AN ₋		10:16	—:—	06:23	36m	06:59	36m	07:36	35m	08:11	9h 36m	17:48	35m	18:24	36m	19:00	36m	19:37	14h 21m	10h 44m					Mo, 3. Feb
Di, 4. Feb		01:51*–06:20*	4h 29m	M _\ bis AN ₋		10:35	00:26	06:21	36m	06:58	36m	07:34	35m	08:10	9h 39m	17:50	35m	18:25	36m	19:02	36m	19:38	14h 18m	10h 41m					Di, 4. Feb
Mi, 5. Feb		03:15*–06:19*	3h 03m	M _\ bis AN ₋	☾	10:57	01:51	06:20	36m	06:57	36m	07:33	35m	08:08	9h 42m	17:51	35m	18:27	36m	19:03	36m	19:40	14h 15m	10h 39m					Mi, 5. Feb
Do, 6. Feb		04:36*–06:17*	1h 41m	M _\ bis AN ₋		11:27	03:15	06:19	36m	06:55	36m	07:32	35m	08:07	9h 46m	17:53	35m	18:28	36m	19:05	36m	19:41	14h 12m	10h 36m					Do, 6. Feb
Fr, 7. Feb		05:46*–06:16*	29m	M _\ bis AN ₋		12:07	04:36	06:17	36m	06:54	36m	07:30	35m	08:05	9h 49m	17:55	35m	18:30	36m	19:06	36m	19:42	14h 09m	10h 33m					Fr, 7. Feb
Sa, 8. Feb		—:~:~:~	–	Mond stört		13:01	05:46	06:16	36m	06:53	36m	07:29	34m	08:04	9h 52m	17:56	34m	18:31	36m	19:07	36m	19:44	14h 06m	10h 30m					Sa, 8. Feb
So, 9. Feb		—:~:~:~	–	Mond stört		14:08	06:42	06:15	36m	06:51	36m	07:27	34m	08:02	9h 55m	17:58	34m	18:33	36m	19:09	36m	19:45	14h 02m	10h 28m					So, 9. Feb
Mo, 10. Feb		—:~:~:~	–	Mond stört		15:23	07:23	06:13	36m	06:50	36m	07:26	34m	08:01	9h 58m	17:59	34m	18:34	36m	19:10	36m	19:47	13h 59m	10h 25m					Mo, 10. Feb
Di, 11. Feb		—:~:~:~	–	Mond stört		16:41	07:53	06:12	36m	06:48	36m	07:24	34m	07:59	10h 02m	18:01	34m	18:36	36m	19:12	36m	19:48	13h 56m	10h 22m					

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

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

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

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

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

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

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