

Mond- und Dämmerungstabelle 2025

für die visuelle Deep-Sky-Beobachtung

Hollabrunn 48.5627° N 16.0807° 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), M_l

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

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
2025	Zeit- zone	Astr. dunkel und kein Mond			Mond			Beginn der Morgendämmerung					Sonne				Ende der Abenddämmerung					Nacht	Astr. N.	Naut. dunkel und kein Mond			2025		
			Δt		Ph.	\nearrow	\searrow	Astr.	Δt	Naut.	Δt	Bürg.	Δt	\nearrow	Δt	\searrow	Δt	Bürg.	Δt	Naut.	Δt	Astr.	Δt	Δt		Δt			
Do, 20. Feb		19:11 – 02:20*	7h 08m	AN ₊ bis M ₇	☾	01:09	09:29	05:07	36m	05:44	35m	06:19	33m	06:53	10h 31m	17:25	33m	17:59	35m	18:35	36m	19:11	13h 26m	9h 54m					Do, 20. Feb
Fr, 21. Feb		19:13 – 03:27*	8h 14m	AN ₊ bis M ₇		02:20	09:59	05:06	36m	05:42	35m	06:18	33m	06:51	10h 35m	17:27	33m	18:01	35m	18:36	36m	19:13	13h 22m	9h 51m					Fr, 21. Feb
Sa, 22. Feb		19:14 – 04:26*	9h 11m	AN ₊ bis M ₇		03:27	10:41	05:04	36m	05:40	35m	06:16	33m	06:50	10h 38m	17:28	33m	18:02	35m	18:38	36m	19:14	13h 19m	9h 47m					Sa, 22. Feb
So, 23. Feb		19:16 – 05:00*	9h 44m	AN ₊ bis AN ₋		04:26	11:36	05:02	36m	05:38	35m	06:14	33m	06:48	10h 42m	17:30	33m	18:04	35m	18:39	36m	19:16	13h 15m	9h 44m					So, 23. Feb
Mo, 24. Feb		19:17 – 04:58*	9h 41m	AN ₊ bis AN ₋		05:14	12:46	05:00	36m	05:37	35m	06:12	33m	06:46	10h 45m	17:32	33m	18:05	35m	18:41	36m	19:17	13h 12m	9h 41m					Mo, 24. Feb
Di, 25. Feb		19:19 – 04:57*	9h 37m	AN ₊ bis AN ₋		05:50	14:06	04:58	36m	05:35	35m	06:10	33m	06:44	10h 49m	17:33	33m	18:07	35m	18:42	36m	19:19	13h 08m	9h 37m					Di, 25. Feb
Mi, 26. Feb		19:20 – 04:55*	9h 34m	AN ₊ bis AN ₋		06:18	15:31	04:57	36m	05:33	35m	06:08	33m	06:42	10h 52m	17:35	33m	18:08	35m	18:44	36m	19:20	13h 05m	9h 34m					Mi, 26. Feb
Do, 27. Feb		19:22 – 04:53*	9h 30m	AN ₊ bis AN ₋		06:40	16:56	04:55	36m	05:31	35m	06:07	33m	06:40	10h 56m	17:36	33m	18:10	35m	18:46	36m	19:22	13h 01m	9h 30m					Do, 27. Feb
Fr, 28. Feb		19:24 – 04:51*	9h 27m	AN ₊ bis AN ₋	☉	06:58	18:22	04:53	36m	05:29	35m	06:05	33m	06:38	10h 59m	17:38	33m	18:11	35m	18:47	36m	19:24	12h 58m	9h 27m					Fr, 28. Feb
Sa, 1. Mrz		19:47 – 04:49*	9h 01m	M _\ bis AN ₋		07:14	19:47	04:51	36m	05:27	35m	06:03	33m	06:36	11h 03m	17:39	33m	18:13	35m	18:49	36m	19:25	12h 54m	9h 23m					Sa, 1. Mrz
So, 2. Mrz		21:13 – 04:47*	7h 33m	M _\ bis AN ₋		07:30	21:13	04:49	36m	05:25	35m	06:01	33m	06:34	11h 06m	17:41	33m	18:14	35m	18:50	36m	19:27	12h 51m	9h 20m					So, 2. Mrz
Mo, 3. Mrz		22:41 – 04:45*	6h 04m	M _\ bis AN ₋		07:48	22:41	04:47	36m	05:23	35m	05:59	33m	06:32	11h 10m	17:43	33m	18:16	35m	18:52	36m	19:28	12h 47m	9h 16m					Mo, 3. Mrz
Di, 4. Mrz		00:08* – 04:43*	4h 34m	M _\ bis AN ₋		08:09	—:—	04:45	36m	05:21	35m	05:57	33m	06:30	11h 13m	17:44	33m	18:17	35m	18:53	36m	19:30	12h 44m	9h 13m					Di, 4. Mrz
Mi, 5. Mrz		01:32* – 04:41*	3h 08m	M _\ bis AN ₋		08:37	00:08	04:43	36m	05:19	35m	05:55	33m	06:28	11h 17m	17:46	33m	18:19	35m	18:55	36m	19:31	12h 40m	9h 09m					Mi, 5. Mrz
Do, 6. Mrz		02:48* – 04:39*	1h 50m	M _\ bis AN ₋	☾	09:13	01:32	04:41	36m	05:18	35m	05:53	33m	06:26	11h 20m	17:47	33m	18:21	35m	18:56	36m	19:33	12h 37m	9h 05m					Do, 6. Mrz
Fr, 7. Mrz		03:49* – 04:37*	48m	M _\ bis AN ₋		10:03	02:48	04:39	36m	05:16	35m	05:51	33m	06:24	11h 24m	17:49	33m	18:22	35m	18:58	36m	19:35	12h 33m	9h 02m					Fr, 7. Mrz
Sa, 8. Mrz		04:34* – 04:35*	0m	M _\ bis AN ₋		11:05	03:49	04:37	36m	05:13	35m	05:49	33m	06:22	11h 27m	17:50	33m	18:24	35m	18:59	36m	19:36	12h 29m	8h 58m					Sa, 8. Mrz
So, 9. Mrz		—:—:—:—	–	Mond stört		12:18	04:34	04:35	36m	05:11	35m	05:47	33m	06:20	11h 31m	17:52	33m	18:25	35m	19:01	37m	19:38	12h 26m	8h 54m					So, 9. Mrz
Mo, 10. Mrz		—:—:—:—	–	Mond stört		13:34	05:06	04:32	36m	05:09	35m	05:45	33m	06:18	11h 35m	17:53	33m	18:27	35m	19:02	37m	19:40	12h 22m	8h 50m					Mo, 10. Mrz
Di, 11. Mrz		—:—:~:~	–	Mond stört		14:49	05:30	04:30	37m	05:07	35m	05:43	33m	06:16	11h 38m	17:55	33m	18:28	35m	19:04	37m	19:41	12h 19m	8h 46m					Di, 11. Mrz
Mi, 12. Mrz		—:~:~:~	–	Mond stört		16:02	05:48	04:28	37m	05:05	35m	05:41	33m	06:14	11h 42m	17:56	33m	18:30	35m	19:05	37m	19:43	12h 15m	8h 43m					Mi, 12. Mrz
Do, 13. Mrz		—:~:~:~	–	Mond stört		17:13	06:03	04:26	37m	05:03	35m	05:39	33m	06:12	11h 45m	17:58	33m	18:31	35m	19:07	37m	19:44	12h 12m	8h 39m					Do, 13. Mrz
Fr, 14. Mrz		—:~:~:~	–	Mond stört	☉	18:21	06:16	04:24	37m	05:01	35m	05:37	33m	06:10	11h 49m	17:59	33m	18:33	35m	19:09	37m	19:46	12h 08m	8h 35m					Fr, 14. Mrz
Sa, 15. Mrz		—:~:~:~	–	Mond stört		19:29	06:28	04:21	37m	04:59	35m	05:35	33m	06:08	11h 52m	18:01	33m	18:34	35m	19:10	37m	19:48	12h 04m	8h 31m					Sa, 15. Mrz
So, 16. Mrz		19:49 – 20:36	46m	AN ₊ bis M ₇		20:36	06:41	04:19	37m	04:57	35m	05:33	33m	06:06	11h 56m	18:02	33m	18:36	36m	19:12	37m	19:49	12h 01m	8h 27m					So, 16. Mrz
Mo, 17. Mrz		19:51 – 21:45	1h 53m	AN ₊ bis M ₇		21:45	06:55	04:17	37m	04:55	35m	05:31	33m	06:04	12h 00m	18:04	33m	18:37	36m	19:13	37m	19:51	11h 57m	8h 23m					Mo, 17. Mrz
Di, 18. Mrz		19:53 – 22:55	3h 02m	AN ₊ bis M ₇		22:55	07:11	04:15	37m	04:52	36m	05:29	33m	06:02	12h 03m	18:05	33m	18:39	36m	19:15	37m	19:53	11h 54m	8h 19m					Di, 18. Mrz
Mi, 19. Mrz		19:55 – 00:06*	4h 10m	AN ₊ bis M ₇		—:—	07:31	04:12	37m	04:50	36m	05:26	33m	06:00	12h 07m	18:07	33m	18:40	36m	19:16	38m	19:55	11h 50m	8h 15m					Mi, 19. Mrz
Do, 20. Mrz		19:56 – 01:14*	5h 17m	AN ₊ bis M ₇		00:06	07:58	04:10	38m	04:48	36m	05:24	33m	05:58	12h 10m	18:08	33m	18:42	36m	19:18	38m	19:56	11h 47m	8h 11m					Do, 20. Mrz
Fr, 21. Mrz		19:58 – 02:15*	6h 16m	AN ₊ bis M ₇		01:14	08:34	04:08	38m	04:46	36m	05:22	33m	05:55	12h 14m	18:10	33m	18:43	36m	19:20	38m	19:58	11h 43m	8h 07m					Fr, 21. Mrz
Sa, 22. Mrz		20:00 – 03:07*	7h 06m	AN ₊ bis M ₇	☾	02:15	09:23	04:05	38m	04:44	36m	05:20	33m	05:53	12h 18m	18:11	33m	18:45	36m	19:21	38m	20:00	11h 39m	8h 03m					Sa, 22. Mrz
So, 23. Mrz		20:02 – 03:47*	7h 45m	AN ₊ bis M ₇		03:07	10:25	04:03	38m	04:42	36m	05:18	33m	05:51	12h 21m	18:13	33m	18:46	36m	19:23	38m	20:02	11h 36m	7h 59m					So, 23. Mrz
Mo, 24. Mrz		20:03 – 03:58*	7h 54m	AN ₊ bis AN ₋		03:47	11:39	04:01	38m	04:39	36m	05:16	33m	05:49	12h 25m	18:14	33m	18:48	36m	19:25	38m	20:03	11h 32m	7h 54m					Mo, 24. Mrz
Di, 25. Mrz		20:05 – 03:56*	7h 50m	AN ₊ bis AN ₋		04:17	13:00	03:58	38m	04:37	36m	05:14	33m	05:47	12h 28m	18:16	33m	18:49	36m	19:26	39m	20:05	11h 29m	7h 50m					Di, 25. Mrz
Mi, 26. Mrz		20:07 – 03:53*	7h 46m	AN ₊ bis AN ₋		04:41	14:24	03:56	39m	04:35	36m	05:12	33m	05:45	12h 32m	18:17	33m	18:51	36m	19:28	39m	20:07	11h 25m	7h 46m					Mi, 26. Mrz
Do, 27. Mrz		20:09 – 03:51*	7h 42m	AN ₊ bis AN ₋		05:01	15:49	03:53	39m	04:33	36m	05:09	33m	05:43	12h 35m	18:19	33m	18:52	36m	19:29	39m	20:09	11h 22m	7h 42m					Do, 27. Mrz
Fr, 28. Mrz		20:11 – 03:49*	7h 37m	AN ₊ bis AN ₋		05:18	17:14	03:51	39m	04:30	36m	05:07	33m	05:41	12h 39m	18:20	33m	18:54	37m	19:31	39m	20:11	11h 18m	7h 37m					Fr, 28. Mrz
Sa, 29. Mrz		20:13 – 03:46*	7h 33m	AN ₊ bis AN ₋	☉	05:34	18:41	03:49	39m	04:28	37m	05:05	33m	05:39	12h 43m	18:22	33m	18:56	37m	19:33	39m	20:13	11h 14m	7h 33m					Sa, 29. Mrz
So, 30. Mrz	MESZ	21:15 – 04:44*	7h 29m	AN ₊ bis AN ₋		06:51	21:11	04:46	39m	05:26	37m	06:03	33m	06:37	12h 46m	19:23	33m	19:57	37m	20:34	40m	21:15	11h 11m	7h 29m					So, 30. Mrz
Mo, 31. Mrz	MESZ	22:42 – 04:41*	5h 59m	M _\ bis AN ₋		07:11	22:42	04:44	40m	05:24	37m	06:01	33m	06:35	12h 50m	19:25	33m	19:59	37m	20:36	40m	21:16	11h 07m	7h 24m					Mo, 31. Mrz
Di, 1. Apr	MESZ	00:11* – 04:39*	4h 27m	M _\ bis AN ₋		07:36	—:—	04:41	40m	05:21	37m	05:59	33m	06:33	12h 53m	19:26	33m	20:00	37m	20:38	40m	21:18	11h 04m	7h 20m					Di, 1. Apr
Mi, 2. Apr	MESZ	01:34* – 04:36*	3h 02m	M _\ bis AN ₋		08:10	00:11</																						

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

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

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

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

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