

Mond- und Dämmerungstabelle 2025

für die visuelle Deep-Sky-Beobachtung

Perg 48.2503° N 14.6336° 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		18:13–05:56*	11h 43m	AN ₊ bis AN ₋		09:28	17:44	05:56	37m	06:34	38m	07:13	38m	07:51	8h 26m	16:18	38m	16:57	38m	17:35	37m	18:13	15h 33m	11h 43m				Mi, 1. Jan
Do, 2. Jan		19:06–05:56*	10h 50m	M _\ bis AN ₋		09:57	19:06	05:56	37m	06:34	38m	07:13	38m	07:51	8h 27m	16:19	38m	16:58	38m	17:36	37m	18:14	15h 32m	11h 42m				Do, 2. Jan
Fr, 3. Jan		20:27–05:56*	9h 28m	M _\ bis AN ₋		10:19	20:27	05:56	37m	06:34	38m	07:13	38m	07:51	8h 28m	16:20	38m	16:58	38m	17:37	37m	18:15	15h 31m	11h 41m				Fr, 3. Jan
Sa, 4. Jan		21:48–05:56*	8h 08m	M _\ bis AN ₋		10:37	21:48	05:56	37m	06:34	38m	07:13	38m	07:51	8h 29m	16:21	38m	17:00	38m	17:38	37m	18:16	15h 29m	11h 40m				Sa, 4. Jan
So, 5. Jan		23:08–05:56*	6h 48m	M _\ bis AN ₋		10:53	23:08	05:56	37m	06:34	38m	07:13	38m	07:51	8h 31m	16:22	38m	17:01	38m	17:39	37m	18:17	15h 28m	11h 39m				So, 5. Jan
Mo, 6. Jan		00:28*–05:56*	5h 28m	M _\ bis AN ₋		11:09	—:—	05:56	37m	06:34	38m	07:12	38m	07:51	8h 32m	16:23	38m	17:02	38m	17:40	37m	18:18	15h 27m	11h 38m				Mo, 6. Jan
Di, 7. Jan		01:50*–05:56*	4h 05m	M _\ bis AN ₋	☾	11:26	00:28	05:56	37m	06:34	38m	07:12	38m	07:50	8h 34m	16:25	38m	17:03	38m	17:41	37m	18:19	15h 25m	11h 37m				Di, 7. Jan
Mi, 8. Jan		03:14*–05:56*	2h 41m	M _\ bis AN ₋		11:45	01:50	05:56	37m	06:34	38m	07:12	38m	07:50	8h 35m	16:26	38m	17:04	38m	17:42	37m	18:20	15h 23m	11h 35m				Mi, 8. Jan
Do, 9. Jan		04:39*–05:55*	1h 16m	M _\ bis AN ₋		12:10	03:14	05:56	37m	06:33	38m	07:12	37m	07:50	8h 37m	16:27	37m	17:05	38m	17:43	37m	18:21	15h 22m	11h 34m				Do, 9. Jan
Fr, 10. Jan		—:—:—:—	–	Mond stört		12:43	04:39	05:55	37m	06:33	38m	07:11	37m	07:49	8h 39m	16:28	37m	17:06	38m	17:44	37m	18:22	15h 20m	11h 33m				Fr, 10. Jan
Sa, 11. Jan		—:—:—:—	–	Mond stört		13:28	05:58	05:55	37m	06:33	38m	07:11	37m	07:49	8h 40m	16:30	37m	17:07	38m	17:46	37m	18:23	15h 18m	11h 31m				Sa, 11. Jan
So, 12. Jan		—:—:~:~:~	–	Mond stört		14:27	07:06	05:55	37m	06:32	38m	07:10	37m	07:48	8h 42m	16:31	37m	17:09	38m	17:47	37m	18:24	15h 16m	11h 30m				So, 12. Jan
Mo, 13. Jan		—:~:~:~:~	–	Mond stört	☉	15:39	07:59	05:55	37m	06:32	38m	07:10	37m	07:48	8h 44m	16:32	37m	17:10	38m	17:48	37m	18:25	15h 14m	11h 28m				Mo, 13. Jan
Di, 14. Jan		—:~:~:~:~	–	Mond stört		16:57	08:37	05:54	37m	06:31	38m	07:09	37m	07:47	8h 46m	16:34	37m	17:11	38m	17:49	37m	18:26	15h 12m	11h 27m				Di, 14. Jan
Mi, 15. Jan		—:~:~:~:~	–	Mond stört		18:14	09:04	05:54	37m	06:31	37m	07:09	37m	07:46	8h 48m	16:35	37m	17:12	37m	17:50	37m	18:28	15h 10m	11h 25m				Mi, 15. Jan
Do, 16. Jan		18:29–19:29	1h 00m	AN ₊ bis M ₇		19:29	09:25	05:53	37m	06:30	37m	07:08	37m	07:46	8h 50m	16:36	37m	17:14	37m	17:52	37m	18:29	15h 08m	11h 23m				Do, 16. Jan
Fr, 17. Jan		18:30–20:40	2h 09m	AN ₊ bis M ₇		20:40	09:41	05:53	37m	06:30	37m	07:08	37m	07:45	8h 52m	16:38	37m	17:15	37m	17:53	37m	18:30	15h 06m	11h 22m				Fr, 17. Jan
Sa, 18. Jan		18:31–21:48	3h 17m	AN ₊ bis M ₇		21:48	09:55	05:52	37m	06:29	37m	07:07	37m	07:44	8h 55m	16:39	37m	17:16	37m	17:54	37m	18:31	15h 03m	11h 20m				Sa, 18. Jan
So, 19. Jan		18:32–22:55	4h 22m	AN ₊ bis M ₇		22:55	10:08	05:52	37m	06:29	37m	07:06	36m	07:43	8h 57m	16:41	36m	17:18	37m	17:55	37m	18:32	15h 01m	11h 18m				So, 19. Jan
Mo, 20. Jan		18:34–00:02*	5h 28m	AN ₊ bis M ₇		—:—	10:21	05:51	37m	06:28	37m	07:05	36m	07:42	8h 59m	16:42	36m	17:19	37m	17:57	37m	18:34	14h 59m	11h 16m				Mo, 20. Jan
Di, 21. Jan		18:35–01:10*	6h 34m	AN ₊ bis M ₇	☾	00:02	10:35	05:50	36m	06:27	37m	07:05	36m	07:41	9h 02m	16:44	36m	17:20	37m	17:58	37m	18:35	14h 56m	11h 14m				Di, 21. Jan
Mi, 22. Jan		18:36–02:20*	7h 43m	AN ₊ bis M ₇		01:10	10:51	05:49	36m	06:26	37m	07:04	36m	07:40	9h 04m	16:45	36m	17:22	37m	17:59	36m	18:36	14h 54m	11h 12m				Mi, 22. Jan
Do, 23. Jan		18:38–03:31*	8h 53m	AN ₊ bis M ₇		02:20	11:11	05:49	36m	06:26	37m	07:03	36m	07:39	9h 07m	16:47	36m	17:23	37m	18:01	36m	18:38	14h 51m	11h 10m				Do, 23. Jan
Fr, 24. Jan		18:39–04:41*	10h 02m	AN ₊ bis M ₇		03:31	11:37	05:48	36m	06:25	37m	07:02	36m	07:38	9h 09m	16:48	36m	17:25	37m	18:02	36m	18:39	14h 49m	11h 08m				Fr, 24. Jan
Sa, 25. Jan		18:40–05:46*	11h 06m	AN ₊ bis AN ₋		04:41	12:13	05:47	36m	06:24	37m	07:01	36m	07:37	9h 12m	16:50	36m	17:26	37m	18:03	36m	18:40	14h 46m	11h 06m				Sa, 25. Jan
So, 26. Jan		18:41–05:45*	11h 03m	AN ₊ bis AN ₋		05:46	13:02	05:46	36m	06:23	37m	07:00	36m	07:36	9h 15m	16:51	36m	17:28	37m	18:05	36m	18:41	14h 43m	11h 03m				So, 26. Jan
Mo, 27. Jan		18:43–05:44*	11h 01m	AN ₊ bis AN ₋		06:42	14:05	05:45	36m	06:22	37m	06:59	36m	07:35	9h 17m	16:53	36m	17:29	37m	18:06	36m	18:43	14h 40m	11h 01m				Mo, 27. Jan
Di, 28. Jan		18:44–05:43*	10h 59m	AN ₊ bis AN ₋		07:25	15:21	05:44	36m	06:21	36m	06:58	35m	07:34	9h 20m	16:55	35m	17:30	36m	18:07	36m	18:44	14h 38m	10h 59m				Di, 28. Jan
Mi, 29. Jan		18:45–05:42*	10h 56m	AN ₊ bis AN ₋	☾	07:57	16:44	05:43	36m	06:20	36m	06:57	35m	07:33	9h 23m	16:56	35m	17:32	36m	18:09	36m	18:45	14h 35m	10h 56m				Mi, 29. Jan
Do, 30. Jan		18:47–05:41*	10h 54m	AN ₊ bis AN ₋		08:22	18:08	05:42	36m	06:19	36m	06:56	35m	07:31	9h 26m	16:58	35m	17:33	36m	18:10	36m	18:47	14h 32m	10h 54m				Do, 30. Jan
Fr, 31. Jan		19:31–05:40*	10h 08m	M _\ bis AN ₋		08:42	19:31	05:41	36m	06:18	36m	06:55	35m	07:30	9h 29m	16:59	35m	17:35	36m	18:12	36m	18:48	14h 29m	10h 52m				Fr, 31. Jan
Sa, 1. Feb		20:54–05:39*	8h 45m	M _\ bis AN ₋		08:59	20:54	05:40	36m	06:17	36m	06:53	35m	07:29	9h 32m	17:01	35m	17:36	36m	18:13	36m	18:50	14h 26m	10h 49m				Sa, 1. Feb
So, 2. Feb		22:16–05:38*	7h 22m	M _\ bis AN ₋		09:15	22:16	05:39	36m	06:15	36m	06:52	35m	07:27	9h 35m	17:02	35m	17:38	36m	18:14	36m	18:51	14h 23m	10h 46m				So, 2. Feb
Mo, 3. Feb		23:39–05:37*	5h 58m	M _\ bis AN ₋		09:32	23:39	05:38	36m	06:14	36m	06:51	35m	07:26	9h 38m	17:04	35m	17:39	36m	18:16	36m	18:52	14h 20m	10h 44m				Mo, 3. Feb
Di, 4. Feb		01:03*–05:36*	4h 32m	M _\ bis AN ₋		09:50	—:—	05:37	36m	06:13	36m	06:49	35m	07:25	9h 41m	17:06	35m	17:41	36m	18:17	36m	18:54	14h 17m	10h 41m				Di, 4. Feb
Mi, 5. Feb		02:27*–05:34*	3h 07m	M _\ bis AN ₋	☾	10:13	01:03	05:36	36m	06:12	36m	06:48	35m	07:23	9h 44m	17:07	35m	17:42	36m	18:19	36m	18:55	14h 14m	10h 39m				Mi, 5. Feb
Do, 6. Feb		03:47*–05:33*	1h 45m	M _\ bis AN ₋		10:43	02:27	05:34	36m	06:10	36m	06:47	34m	07:22	9h 47m	17:09	34m	17:44	36m	18:20	36m	18:57	14h 11m	10h 36m				Do, 6. Feb
Fr, 7. Feb		04:58*–05:32*	33m	M _\ bis AN ₋		11:23	03:47	05:33	36m	06:09	36m	06:45	34m	07:20	9h 50m	17:11	34m	17:45	36m	18:22	36m	18:58	14h 08m	10h 33m				Fr, 7. Feb
Sa, 8. Feb		—:~:~:~:~	–	Mond stört		12:16	04:58	05:32	36m	06:08	36m	06:44	34m	07:19	9h 53m	17:12	34m	17:47	36m	18:23	36m	18:59	14h 04m	10h 30m				Sa, 8. Feb
So, 9. Feb		—:~:~:~:~	–	Mond stört		13:23	05:55	05:30	36m	06:06	36m	06:42	34m	07:17	9h 56m	17:14	34m	17:48	36m	18:25	36m	19:01	14h 01m	10h 28m				So, 9. Feb
Mo, 10. Feb		—:~:~:~:~	–	Mond stört		14:38	06:36	05:29	36m	06:05	36m	06:41	34m	07:16	9h 59m	17:15	34m	17:50	36m	18:26	36m	19:02	13h 58m	10h 25m				Mo, 10. Feb
Di, 11. Feb		—:~:~:~:~	–	Mond stört		15:55	07:07	05:27	36m	06:04	35m	06:39	34m	07:14	10h 03m	17:17	34m	17:52	35m	18:28	36m	19:04	13h 55m	10h 22m				Di, 11. Feb
Mi, 12. Feb		—:~:~:~:~	–	Mond stört	☉	17:10	07:29	05:26	36m	06:02	35m	06:38	34m	07:12	10h 06m	17:19	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	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		19:17–02:24*	7h 07m	AN ₊ bis M ₇	☾	01:14	09:36	05:13	36m	05:49	35m	06:25	33m	06:59	10h 32m	17:31	33m	18:05	35m	18:41	36m	19:17	13h 25m	9h 54m				Do, 20. Feb
Fr, 21. Feb		19:18–03:31*	8h 12m	AN ₊ bis M ₇		02:24	10:07	05:12	36m	05:48	35m	06:23	33m	06:57	10h 36m	17:33	33m	18:07	35m	18:42	36m	19:18	13h 21m	9h 51m				Fr, 21. Feb
Sa, 22. Feb		19:20–04:30*	9h 09m	AN ₊ bis M ₇		03:31	10:49	05:10	36m	05:46	35m	06:21	33m	06:55	10h 39m	17:35	33m	18:08	35m	18:44	36m	19:20	13h 18m	9h 48m				Sa, 22. Feb
So, 23. Feb		19:21–05:06*	9h 44m	AN ₊ bis AN ₋		04:30	11:45	05:08	36m	05:44	35m	06:20	33m	06:53	10h 43m	17:36	33m	18:10	35m	18:45	36m	19:21	13h 15m	9h 44m				So, 23. Feb
Mo, 24. Feb		19:23–05:04*	9h 41m	AN ₊ bis AN ₋		05:18	12:54	05:06	36m	05:42	35m	06:18	33m	06:51	10h 46m	17:38	33m	18:11	35m	18:47	36m	19:23	13h 11m	9h 41m				Mo, 24. Feb
Di, 25. Feb		19:24–05:03*	9h 38m	AN ₊ bis AN ₋		05:55	14:14	05:04	36m	05:41	35m	06:16	33m	06:49	10h 49m	17:39	33m	18:13	35m	18:48	36m	19:24	13h 08m	9h 38m				Di, 25. Feb
Mi, 26. Feb		19:26–05:01*	9h 34m	AN ₊ bis AN ₋		06:23	15:38	05:03	36m	05:39	35m	06:14	33m	06:47	10h 53m	17:41	33m	18:14	35m	18:50	36m	19:26	13h 04m	9h 34m				Mi, 26. Feb
Do, 27. Feb		19:27–04:59*	9h 31m	AN ₊ bis AN ₋		06:45	17:03	05:01	36m	05:37	35m	06:12	33m	06:46	10h 56m	17:42	33m	18:16	35m	18:51	36m	19:27	13h 01m	9h 31m				Do, 27. Feb
Fr, 28. Feb		19:29–04:57*	9h 27m	AN ₊ bis AN ₋	☉	07:03	18:28	04:59	36m	05:35	35m	06:10	33m	06:44	11h 00m	17:44	33m	18:17	35m	18:53	36m	19:29	12h 57m	9h 27m				Fr, 28. Feb
Sa, 1. Mrz		19:53–04:55*	9h 01m	M _\ bis AN ₋		07:20	19:53	04:57	36m	05:33	35m	06:08	33m	06:42	11h 03m	17:46	33m	18:19	35m	18:54	36m	19:31	12h 54m	9h 24m				Sa, 1. Mrz
So, 2. Mrz		21:19–04:53*	7h 34m	M _\ bis AN ₋		07:37	21:19	04:55	36m	05:31	35m	06:07	33m	06:40	11h 07m	17:47	33m	18:20	35m	18:56	36m	19:32	12h 50m	9h 20m				So, 2. Mrz
Mo, 3. Mrz		22:46–04:51*	6h 05m	M _\ bis AN ₋		07:55	22:46	04:53	36m	05:29	35m	06:05	33m	06:38	11h 10m	17:49	33m	18:22	35m	18:57	36m	19:34	12h 47m	9h 17m				Mo, 3. Mrz
Di, 4. Mrz		00:13*–04:49*	4h 36m	M _\ bis AN ₋		08:16	—:—	04:51	36m	05:27	35m	06:03	33m	06:36	11h 14m	17:50	33m	18:23	35m	18:59	36m	19:35	12h 43m	9h 13m				Di, 4. Mrz
Mi, 5. Mrz		01:37*–04:47*	3h 10m	M _\ bis AN ₋		08:44	00:13	04:49	36m	05:25	35m	06:01	33m	06:34	11h 17m	17:52	33m	18:25	35m	19:00	36m	19:37	12h 40m	9h 10m				Mi, 5. Mrz
Do, 6. Mrz		02:52*–04:45*	1h 53m	M _\ bis AN ₋	☾	09:21	01:37	04:47	36m	05:23	35m	05:59	33m	06:32	11h 21m	17:53	33m	18:26	35m	19:02	36m	19:38	12h 36m	9h 06m				Do, 6. Mrz
Fr, 7. Mrz		03:53*–04:43*	50m	M _\ bis AN ₋		10:11	02:52	04:45	36m	05:21	35m	05:57	33m	06:30	11h 24m	17:55	33m	18:28	35m	19:03	36m	19:40	12h 33m	9h 02m				Fr, 7. Mrz
Sa, 8. Mrz		04:38*–04:41*	2m	M _\ bis AN ₋		11:13	03:53	04:43	36m	05:19	35m	05:55	33m	06:28	11h 28m	17:56	33m	18:29	35m	19:05	36m	19:42	12h 29m	8h 59m				Sa, 8. Mrz
So, 9. Mrz		—:—:—:—	–	Mond stört		12:25	04:38	04:41	36m	05:17	35m	05:53	32m	06:26	11h 31m	17:58	33m	18:31	35m	19:06	36m	19:43	12h 26m	8h 55m				So, 9. Mrz
Mo, 10. Mrz		—:—:—:—	–	Mond stört		13:41	05:11	04:39	36m	05:15	35m	05:51	32m	06:24	11h 35m	17:59	33m	18:32	35m	19:08	36m	19:45	12h 22m	8h 51m				Mo, 10. Mrz
Di, 11. Mrz		—:—:~:~:~	–	Mond stört		14:57	05:35	04:37	36m	05:13	35m	05:49	32m	06:22	11h 38m	18:01	33m	18:34	35m	19:09	36m	19:46	12h 18m	8h 48m				Di, 11. Mrz
Mi, 12. Mrz		—:~:~:~:~	–	Mond stört		16:09	05:53	04:34	36m	05:11	35m	05:47	32m	06:20	11h 42m	18:02	33m	18:35	35m	19:11	37m	19:48	12h 15m	8h 44m				Mi, 12. Mrz
Do, 13. Mrz		—:~:~:~:~	–	Mond stört		17:19	06:08	04:32	36m	05:09	35m	05:45	32m	06:18	11h 46m	18:04	33m	18:37	35m	19:13	37m	19:50	12h 11m	8h 40m				Do, 13. Mrz
Fr, 14. Mrz		—:~:~:~:~	–	Mond stört	☽	18:27	06:22	04:30	37m	05:07	35m	05:43	32m	06:16	11h 49m	18:05	33m	18:38	35m	19:14	37m	19:51	12h 08m	8h 36m				Fr, 14. Mrz
Sa, 15. Mrz		—:~:~:~:~	–	Mond stört		19:34	06:34	04:28	37m	05:05	35m	05:41	32m	06:14	11h 53m	18:07	33m	18:40	35m	19:16	37m	19:53	12h 04m	8h 32m				Sa, 15. Mrz
So, 16. Mrz		19:55–20:42	47m	AN ₊ bis M ₇		20:42	06:47	04:26	37m	05:03	35m	05:39	32m	06:12	11h 56m	18:08	33m	18:41	35m	19:17	37m	19:55	12h 01m	8h 28m				So, 16. Mrz
Mo, 17. Mrz		19:56–21:50	1h 54m	AN ₊ bis M ₇		21:50	07:01	04:23	37m	05:01	35m	05:37	32m	06:10	12h 00m	18:10	33m	18:43	35m	19:19	37m	19:56	11h 57m	8h 24m				Mo, 17. Mrz
Di, 18. Mrz		19:58–23:00	3h 02m	AN ₊ bis M ₇		23:00	07:18	04:21	37m	04:59	35m	05:35	33m	06:08	12h 03m	18:11	33m	18:44	35m	19:20	37m	19:58	11h 54m	8h 20m				Di, 18. Mrz
Mi, 19. Mrz		20:00–00:10*	4h 10m	AN ₊ bis M ₇		—:—	07:38	04:19	37m	04:57	35m	05:32	33m	06:05	12h 07m	18:13	33m	18:46	35m	19:22	37m	20:00	11h 50m	8h 16m				Mi, 19. Mrz
Do, 20. Mrz		20:01–01:18*	5h 16m	AN ₊ bis M ₇		00:10	08:06	04:17	37m	04:54	35m	05:30	33m	06:03	12h 10m	18:14	33m	18:47	36m	19:23	37m	20:01	11h 47m	8h 12m				Do, 20. Mrz
Fr, 21. Mrz		20:03–02:19*	6h 15m	AN ₊ bis M ₇		01:18	08:42	04:14	37m	04:52	36m	05:28	33m	06:01	12h 14m	18:16	33m	18:49	36m	19:25	38m	20:03	11h 43m	8h 08m				Fr, 21. Mrz
Sa, 22. Mrz		20:05–03:11*	7h 05m	AN ₊ bis M ₇	☾	02:19	09:31	04:12	38m	04:50	36m	05:26	33m	05:59	12h 17m	18:17	33m	18:50	36m	19:27	38m	20:05	11h 40m	8h 04m				Sa, 22. Mrz
So, 23. Mrz		20:07–03:51*	7h 44m	AN ₊ bis M ₇		03:11	10:33	04:10	38m	04:48	36m	05:24	33m	05:57	12h 21m	18:19	33m	18:52	36m	19:28	38m	20:07	11h 36m	8h 00m				So, 23. Mrz
Mo, 24. Mrz		20:08–04:05*	7h 56m	AN ₊ bis AN ₋		03:51	11:47	04:07	38m	04:46	36m	05:22	33m	05:55	12h 24m	18:20	33m	18:53	36m	19:30	38m	20:08	11h 32m	7h 56m				Mo, 24. Mrz
Di, 25. Mrz		20:10–04:03*	7h 52m	AN ₊ bis AN ₋		04:22	13:07	04:05	38m	04:43	36m	05:20	33m	05:53	12h 28m	18:22	33m	18:55	36m	19:31	38m	20:10	11h 29m	7h 52m				Di, 25. Mrz
Mi, 26. Mrz		20:12–04:00*	7h 48m	AN ₊ bis AN ₋		04:46	14:31	04:03	38m	04:41	36m	05:18	33m	05:51	12h 32m	18:23	33m	18:56	36m	19:33	38m	20:12	11h 25m	7h 48m				Mi, 26. Mrz
Do, 27. Mrz		20:14–03:58*	7h 43m	AN ₊ bis AN ₋		05:06	15:55	04:00	38m	04:39	36m	05:16	33m	05:49	12h 35m	18:24	33m	18:58	36m	19:35	39m	20:14	11h 22m	7h 43m				Do, 27. Mrz
Fr, 28. Mrz		20:16–03:55*	7h 39m	AN ₊ bis AN ₋		05:23	17:20	03:58	39m	04:37	36m	05:14	33m	05:47	12h 39m	18:26	33m	18:59	36m	19:36	39m	20:16	11h 18m	7h 39m				Fr, 28. Mrz
Sa, 29. Mrz		20:17–03:53*	7h 35m	AN ₊ bis AN ₋	☉	05:40	18:47	03:55	39m	04:35	36m	05:11	33m	05:45	12h 42m	18:27	33m	19:01	36m	19:38	39m	20:17	11h 15m	7h 35m				Sa, 29. Mrz
So, 30. Mrz	MESZ	21:19–04:50*	7h 31m	AN ₊ bis AN ₋		06:57	21:16	04:53	39m	05:32	36m	06:09	33m	06:43	12h 46m	19:29	33m	20:02	37m	20:39	39m	21:19	11h 11m	7h 31m				So, 30. Mrz
Mo, 31. Mrz	MESZ	22:46–04:48*	6h 01m	M _\ bis AN ₋		07:18	22:46	04:50	39m	05:30	36m	06:07	33m	06:41	12h 49m	19:30	33m	20:04	37m	20:41	39m	21:21	11h 08m	7h 26m				Mo, 31. Mrz
Di, 1. Apr	MESZ	00:16*–04:46*	4h 29m	M _\ bis AN ₋		07:43	—:—	04:48	39m	05:28	37m	06:05	33m	06:39	12h 53m	19:32	33m	20:06	37m	20:43	40m	21:23	11h 04m	7h 22m				Di, 1. Apr
Mi, 2. Apr	MESZ	01:38*–04:43*	3h 05m	M _\ bis AN ₋		08:18	00:16	04:46	40m	05:26	37m	06:03	33m	06:37	12h 56m	19:33	33m	20:07	37m	20:44	40m	21:25	11h 01m	7h 18m				Mi, 2. Apr
Do, 3																												

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

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

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

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

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

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