

Mond- und Dämmerungstabelle 2025

für die visuelle Deep-Sky-Beobachtung

Chambéry 45.5700° N 5.9118° 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		18:52–06:27*	11h 35m	AN ₊ bis AN ₋		09:51	18:33	06:27	35m	07:03	36m	07:40	36m	08:16	8h 47m	17:03	36m	17:40	36m	18:16	35m	18:52	15h 12m	11h 35m				Mi, 1. Jan
Do, 2. Jan		19:51–06:27*	10h 35m	M _\ bis AN ₋		10:23	19:51	06:27	35m	07:03	36m	07:40	36m	08:16	8h 48m	17:04	36m	17:40	36m	18:17	35m	18:53	15h 11m	11h 34m				Do, 2. Jan
Fr, 3. Jan		21:10–06:27*	9h 17m	M _\ bis AN ₋		10:48	21:10	06:27	35m	07:03	36m	07:40	36m	08:16	8h 49m	17:05	36m	17:41	36m	18:18	35m	18:54	15h 10m	11h 33m				Fr, 3. Jan
Sa, 4. Jan		22:27–06:27*	8h 00m	M _\ bis AN ₋		11:09	22:27	06:27	35m	07:03	36m	07:40	35m	08:16	8h 50m	17:06	35m	17:42	36m	18:19	35m	18:55	15h 09m	11h 32m				Sa, 4. Jan
So, 5. Jan		23:44–06:27*	6h 43m	M _\ bis AN ₋		11:28	23:44	06:27	35m	07:03	36m	07:40	35m	08:16	8h 51m	17:07	35m	17:43	36m	18:20	35m	18:56	15h 08m	11h 31m				So, 5. Jan
Mo, 6. Jan		01:01*–06:27*	5h 25m	M _\ bis AN ₋		11:46	—:—	06:27	35m	07:03	36m	07:40	35m	08:15	8h 52m	17:08	35m	17:44	36m	18:21	35m	18:57	15h 06m	11h 30m				Mo, 6. Jan
Di, 7. Jan		02:20*–06:27*	4h 06m	M _\ bis AN ₋	☾	12:06	01:01	06:27	35m	07:03	36m	07:39	35m	08:15	8h 54m	17:10	35m	17:45	36m	18:22	35m	18:58	15h 05m	11h 29m				Di, 7. Jan
Mi, 8. Jan		03:42*–06:27*	2h 45m	M _\ bis AN ₋		12:28	02:20	06:27	35m	07:03	36m	07:39	35m	08:15	8h 55m	17:11	35m	17:46	36m	18:23	35m	18:58	15h 04m	11h 28m				Mi, 8. Jan
Do, 9. Jan		05:03*–06:27*	1h 24m	M _\ bis AN ₋		12:56	03:42	06:27	35m	07:03	36m	07:39	35m	08:15	8h 57m	17:12	35m	17:47	36m	18:24	35m	18:59	15h 02m	11h 27m				Do, 9. Jan
Fr, 10. Jan		06:20*–06:27*	6m	M _\ bis AN ₋		13:32	05:03	06:27	35m	07:02	36m	07:39	35m	08:14	8h 58m	17:13	35m	17:49	36m	18:25	35m	19:00	15h 00m	11h 26m				Fr, 10. Jan
Sa, 11. Jan		—:—:—:—	–	Mond stört		14:20	06:20	06:27	35m	07:02	36m	07:38	35m	08:14	9h 00m	17:14	35m	17:50	36m	18:26	35m	19:01	14h 59m	11h 24m				Sa, 11. Jan
So, 12. Jan		—:—:—:—	–	Mond stört		15:20	07:27	06:26	35m	07:02	36m	07:38	35m	08:13	9h 01m	17:15	35m	17:51	36m	18:27	35m	19:03	14h 57m	11h 23m				So, 12. Jan
Mo, 13. Jan		—:—:—:—	–	Mond stört	☾	16:30	08:20	06:26	35m	07:02	36m	07:38	35m	08:13	9h 03m	17:17	35m	17:52	36m	18:28	35m	19:04	14h 55m	11h 22m				Mo, 13. Jan
Di, 14. Jan		—:—:~:~:~	–	Mond stört		17:45	09:00	06:26	35m	07:01	36m	07:37	35m	08:12	9h 05m	17:18	35m	17:53	36m	18:29	35m	19:05	14h 54m	11h 20m				Di, 14. Jan
Mi, 15. Jan		—:~:~:~:~	–	Mond stört		19:00	09:30	06:25	35m	07:01	35m	07:37	35m	08:12	9h 07m	17:19	35m	17:54	35m	18:30	35m	19:06	14h 52m	11h 19m				Mi, 15. Jan
Do, 16. Jan		19:07–20:11	1h 04m	AN ₊ bis M _\		20:11	09:54	06:25	35m	07:00	35m	07:36	35m	08:11	9h 09m	17:20	35m	17:55	35m	18:31	35m	19:07	14h 50m	11h 17m				Do, 16. Jan
Fr, 17. Jan		19:08–21:20	2h 11m	AN ₊ bis M _\		21:20	10:12	06:24	35m	07:00	35m	07:36	34m	08:11	9h 11m	17:22	34m	17:57	35m	18:33	35m	19:08	14h 48m	11h 16m				Fr, 17. Jan
Sa, 18. Jan		19:09–22:25	3h 16m	AN ₊ bis M _\		22:25	10:29	06:24	35m	06:59	35m	07:35	34m	08:10	9h 13m	17:23	34m	17:58	35m	18:34	35m	19:09	14h 46m	11h 14m				Sa, 18. Jan
So, 19. Jan		19:10–23:30	4h 19m	AN ₊ bis M _\		23:30	10:44	06:23	35m	06:59	35m	07:34	34m	08:09	9h 15m	17:24	34m	17:59	35m	18:35	35m	19:10	14h 44m	11h 12m				So, 19. Jan
Mo, 20. Jan		19:11–00:34*	5h 22m	AN ₊ bis M _\		—:—	10:59	06:23	35m	06:58	35m	07:34	34m	08:08	9h 17m	17:26	34m	18:00	35m	18:36	35m	19:11	14h 41m	11h 10m				Mo, 20. Jan
Di, 21. Jan		19:13–01:39*	6h 26m	AN ₊ bis M _\	☾	00:34	11:15	06:22	35m	06:58	35m	07:33	34m	08:08	9h 19m	17:27	34m	18:02	35m	18:37	35m	19:13	14h 39m	11h 09m				Di, 21. Jan
Mi, 22. Jan		19:14–02:46*	7h 32m	AN ₊ bis M _\		01:39	11:34	06:22	35m	06:57	35m	07:32	34m	08:07	9h 21m	17:29	34m	18:03	35m	18:39	35m	19:14	14h 37m	11h 07m				Mi, 22. Jan
Do, 23. Jan		19:15–03:55*	8h 40m	AN ₊ bis M _\		02:46	11:57	06:21	35m	06:56	35m	07:32	34m	08:06	9h 23m	17:30	34m	18:04	35m	18:40	35m	19:15	14h 35m	11h 05m				Do, 23. Jan
Fr, 24. Jan		19:16–05:03*	9h 46m	AN ₊ bis M _\		03:55	12:26	06:20	35m	06:55	35m	07:31	34m	08:05	9h 26m	17:31	34m	18:06	35m	18:41	35m	19:16	14h 32m	11h 03m				Fr, 24. Jan
Sa, 25. Jan		19:17–06:07*	10h 49m	AN ₊ bis M _\		05:03	13:04	06:20	34m	06:55	35m	07:30	34m	08:04	9h 28m	17:33	34m	18:07	35m	18:42	35m	19:17	14h 30m	11h 01m				Sa, 25. Jan
So, 26. Jan		19:19–06:18*	10h 59m	AN ₊ bis AN ₋		06:07	13:54	06:19	34m	06:54	35m	07:29	34m	08:03	9h 31m	17:34	34m	18:08	35m	18:44	34m	19:19	14h 27m	10h 59m				So, 26. Jan
Mo, 27. Jan		19:20–06:17*	10h 57m	AN ₊ bis AN ₋		07:02	14:57	06:18	34m	06:53	35m	07:28	34m	08:02	9h 33m	17:36	34m	18:10	35m	18:45	34m	19:20	14h 25m	10h 57m				Mo, 27. Jan
Di, 28. Jan		19:21–06:16*	10h 55m	AN ₊ bis AN ₋		07:47	16:11	06:17	34m	06:52	35m	07:27	33m	08:01	9h 35m	17:37	33m	18:11	35m	18:46	34m	19:21	14h 22m	10h 55m				Di, 28. Jan
Mi, 29. Jan		19:22–06:15*	10h 53m	AN ₊ bis AN ₋	☾	08:22	17:31	06:16	34m	06:51	34m	07:26	33m	08:00	9h 38m	17:38	33m	18:12	35m	18:47	34m	19:22	14h 20m	10h 53m				Mi, 29. Jan
Do, 30. Jan		19:23–06:14*	10h 51m	AN ₊ bis AN ₋		08:50	18:52	06:15	34m	06:50	34m	07:25	33m	07:59	9h 41m	17:40	33m	18:14	34m	18:49	34m	19:23	14h 17m	10h 51m				Do, 30. Jan
Fr, 31. Jan		20:12–06:14*	10h 01m	M _\ bis AN ₋		09:13	20:12	06:14	34m	06:49	34m	07:24	33m	07:58	9h 43m	17:41	33m	18:15	34m	18:50	34m	19:25	14h 15m	10h 48m				Fr, 31. Jan
Sa, 1. Feb		21:31–06:13*	8h 41m	M _\ bis AN ₋		09:33	21:31	06:14	34m	06:48	34m	07:23	33m	07:57	9h 46m	17:43	33m	18:16	34m	18:51	34m	19:26	14h 12m	10h 46m				Sa, 1. Feb
So, 2. Feb		22:50–06:11*	7h 21m	M _\ bis AN ₋		09:52	22:50	06:13	34m	06:47	34m	07:22	33m	07:55	9h 48m	17:44	33m	18:18	34m	18:53	34m	19:27	14h 09m	10h 44m				So, 2. Feb
Mo, 3. Feb		00:10*–06:10*	6h 00m	M _\ bis AN ₋		10:11	—:—	06:11	34m	06:46	34m	07:21	33m	07:54	9h 51m	17:46	33m	18:19	34m	18:54	34m	19:29	14h 07m	10h 41m				Mo, 3. Feb
Di, 4. Feb		01:31*–06:09*	4h 38m	M _\ bis AN ₋		10:32	00:10	06:10	34m	06:45	34m	07:20	33m	07:53	9h 54m	17:47	33m	18:21	34m	18:55	34m	19:30	14h 04m	10h 39m				Di, 4. Feb
Mi, 5. Feb		02:52*–06:08*	3h 16m	M _\ bis AN ₋	☾	10:58	01:31	06:09	34m	06:44	34m	07:18	33m	07:52	9h 57m	17:49	33m	18:22	34m	18:56	34m	19:31	14h 01m	10h 37m				Mi, 5. Feb
Do, 6. Feb		04:09*–06:07*	1h 57m	M _\ bis AN ₋		11:31	02:52	06:08	34m	06:43	34m	07:17	33m	07:50	9h 59m	17:50	33m	18:23	34m	18:58	34m	19:32	13h 58m	10h 34m				Do, 6. Feb
Fr, 7. Feb		05:19*–06:06*	47m	M _\ bis AN ₋		12:14	04:09	06:07	34m	06:41	34m	07:16	33m	07:49	10h 02m	17:52	33m	18:25	34m	18:59	34m	19:34	13h 55m	10h 32m				Fr, 7. Feb
Sa, 8. Feb		—:~:~:~:~	–	Mond stört		13:09	05:19	06:06	34m	06:40	34m	07:15	32m	07:48	10h 05m	17:53	32m	18:26	34m	19:00	34m	19:35	13h 53m	10h 29m				Sa, 8. Feb
So, 9. Feb		—:~:~:~:~	–	Mond stört		14:14	06:15	06:05	34m	06:39	34m	07:13	32m	07:46	10h 08m	17:55	32m	18:27	34m	19:02	34m	19:36	13h 50m	10h 27m				So, 9. Feb
Mo, 10. Feb		—:~:~:~:~	–	Mond stört		15:27	06:59	06:03	34m	06:38	34m	07:12	32m	07:45	10h 11m	17:56	32m	18:29	34m	19:03	34m	19:38	13h 47m	10h 24m				Mo, 10. Feb
Di, 11. Feb		—:~:~:~:~	–	Mond stört		16:41	07:31	06:02	34m	06:36	34m	07:11	32m	07:43	10h 14m	17:57	32m	18:30	34m	19:04	34m	19:39	13h 44m	10h 21m				Di, 11. Feb
Mi, 12. Feb		—:~:~:~:~	–	Mond stört	☾	17:54	07:56	06:01	34m	06:35	34m	07:09	32m	07:42	10h 17m	17:5												

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

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

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

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

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