

Mond- und Dämmerungstabelle 2025

für die visuelle Deep-Sky-Beobachtung

Völkermarkt 46.6622° N 14.6344° E

Berechnung: pyEphem
Textsatz: L^AT_EX

Atmosphären-Einstellungen in pyEphem

Standort.pressure = 1010.0
Standort.horizon = '0:00:00.0'

Alle Zeitangaben beziehen sich auf den in der jeweiligen Zeile angegeben Kalendertag. Liegt ein Ereignis bereits nach Mitternacht, also schon am Folgetag, ist die Zeitangabe mit einem * gekennzeichnet, z.B.: 00:20*.

Spalte 1 Kalendertag.

Spalte 2 Bei »MESZ« sind alle Zeitangaben in dieser Zeile in Mitteleuropäischer Sommerzeit, ansonsten standardmäßig in MEZ.

Spalte 3 Die für Deep-Sky-Beobachtungen nutzbare Zeitspanne: Es ist astronomisch dunkel (Sonne steht tiefer als -18°) und kein Mond stört.

Spalte 4 Dauer der für Deep-Sky-Beobachtungen nutzbaren Zeitspanne.

Spalte 5 Ereignisse, die die für Deep-Sky-Beobachtungen nutzbare Zeitspanne begrenzen: AN₊ (Einbruch der astronomischen Nacht = Ende der astr. Abenddämmerung), M_v (Monduntergang), AN₋ (Ende der astronomischen Nacht = Beginn der astr. Morgendämmerung), M₇

(Mondaufgang), Astr. MD (Astronomische Mitternachtsdämmerung), Naut. MD (Nautische Mitternachtsdämmerung).

Spalte 6 Mondphase.

Spalte 7 Mondaufgang.

Spalte 8 Monduntergang.

Spalte 9 Beginn der astr. Morgendämmerung (Sonnenhöhe = -18°).

Spalte 10 Dauer der astr. Morgendämmerung.

Spalte 11 Beginn der naut. Morgendämmerung (Sonnenhöhe = -12°).

Spalte 12 Dauer der naut. Morgendämmerung.

Spalte 13 Beginn der bürg. Morgendämmerung (Sonnenhöhe = -6°).

Spalte 14 Dauer der bürg. Morgendämmerung.

Spalte 15 Sonnenaufgang.

Spalte 16 Taglänge.

Spalte 17 Sonnenuntergang.

Spalte 18 Dauer der bürg. Abenddämmerung.

Spalte 19 Ende der bürg. Abenddämmerung (Sonnenhöhe = -6°).

Spalte 20 Dauer der naut. Abenddämmerung.

Spalte 21 Ende der naut. Abenddämmerung (Sonnenhöhe = -12°).

Spalte 22 Dauer der astr. Abenddämmerung.

Spalte 23 Ende der astr. Abenddämmerung (Sonnenhöhe = -18°).

Spalte 24 Länge der Nacht.

Spalte 25 Länge der astr. Nacht.

Für Beobachter, die zu Zeiten der Mitternachtsdämmerung während der astr. Dämmerung beobachten möchten:

Spalte 26 Nutzbare Zeitspanne: Es ist »nautisch dunkel« (Sonne steht tiefer als -12°) und kein Mond stört.

Spalte 27 Dauer der in Spalte 26 angegebenen Zeitspanne.

Spalte 28 Ereignisse, die die nutzbare Zeitspanne begrenzen: ND₊ (Beginn der »naut. Dunkelheit« = Ende der naut. Abenddämmerung), M_v (Monduntergang), ND₋ (Ende der »naut. Dunkelheit« = Beginn der naut. Morgendämmerung), M₇ (Mondaufgang), Naut. MD (Nautische Mitternachtsdämmerung).

Spalte 29 Identisch zu Spalte 1.

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

Table with 29 columns (1-29) and 57 rows (Do, 20. Feb to Do, 10. Apr). Columns include dates, time zones, astronomical data (Astr., Δt), moon phase (Ph.), moonrise (↑), moonset (↓), dawn (Astr., Naut., Bürg., Δt), sunrise (↑), solar time (Δt, ↓), sunset (Δt, Bürg., Naut., Δt, Astr.), night (Δt), and astronomical numbers (Astr. N., Δt). Moon phases are indicated by icons like ☾, ☽, ☉, ☾.

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

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			
Sa, 31. Mai	MESZ	01:03*–02:30*	1h 26m	M \searrow bis AN $_$		09:21	00:35	02:32	1h 09m	03:41	50m	04:31	40m	05:11	15h 35m	20:46	40m	21:27	50m	22:18	1h 09m	23:27	8h 24m	3h 02m					Sa, 31. Mai
So, 1. Jun	MESZ	01:24*–02:28*	1h 03m	M \searrow bis AN $_$		10:37	01:03	02:30	1h 09m	03:40	50m	04:30	40m	05:11	15h 36m	20:47	40m	21:28	50m	22:19	1h 10m	23:30	8h 22m	2h 58m					So, 1. Jun
Mo, 2. Jun	MESZ	01:42*–02:26*	44m	M \searrow bis AN $_$		11:50	01:24	02:28	1h 10m	03:39	50m	04:29	40m	05:10	15h 38m	20:48	40m	21:29	50m	22:20	1h 11m	23:32	8h 21m	2h 54m					Mo, 2. Jun
Di, 3. Jun	MESZ	01:57*–02:25*	27m	M \searrow bis AN $_$	☾	12:59	01:42	02:26	1h 11m	03:38	50m	04:29	40m	05:10	15h 39m	20:49	41m	21:30	51m	22:21	1h 12m	23:34	8h 20m	2h 50m					Di, 3. Jun
Mi, 4. Jun	MESZ	02:11*–02:23*	11m	M \searrow bis AN $_$		14:05	01:57	02:25	1h 12m	03:37	51m	04:28	41m	05:09	15h 40m	20:50	41m	21:31	51m	22:23	1h 13m	23:36	8h 18m	2h 47m					Mi, 4. Jun
Do, 5. Jun	MESZ	—:—:—:—	–	Mond stört		15:11	02:11	02:23	1h 13m	03:36	51m	04:28	41m	05:09	15h 41m	20:51	41m	21:32	51m	22:24	1h 14m	23:38	8h 17m	2h 43m					Do, 5. Jun
Fr, 6. Jun	MESZ	—:—:—:—	–	Mond stört		16:16	02:26	02:21	1h 14m	03:35	51m	04:27	41m	05:08	15h 43m	20:51	41m	21:33	51m	22:25	1h 14m	23:40	8h 16m	2h 40m					Fr, 6. Jun
Sa, 7. Jun	MESZ	—:~:~:~:~	–	Mond stört		17:23	02:41	02:20	1h 14m	03:35	51m	04:27	41m	05:08	15h 44m	20:52	41m	21:34	52m	22:26	1h 15m	23:41	8h 15m	2h 37m					Sa, 7. Jun
So, 8. Jun	MESZ	—:~:~:~:~	–	Mond stört		18:31	03:00	02:18	1h 15m	03:34	52m	04:26	41m	05:08	15h 45m	20:53	41m	21:34	52m	22:27	1h 16m	23:43	8h 14m	2h 34m					So, 8. Jun
Mo, 9. Jun	MESZ	—:~:~:~:~	–	Mond stört		19:39	03:23	02:17	1h 16m	03:33	52m	04:26	41m	05:07	15h 46m	20:54	41m	21:35	52m	22:28	1h 17m	23:45	8h 13m	2h 31m					Mo, 9. Jun
Di, 10. Jun	MESZ	—:~:~:~:~	–	Mond stört		20:45	03:53	02:16	1h 17m	03:33	52m	04:25	41m	05:07	15h 47m	20:54	41m	21:36	52m	22:28	1h 17m	23:46	8h 12m	2h 28m					Di, 10. Jun
Mi, 11. Jun	MESZ	—:~:~:~:~	–	Mond stört	☾	21:45	04:31	02:15	1h 17m	03:33	52m	04:25	41m	05:07	15h 47m	20:55	41m	21:37	52m	22:29	1h 18m	23:48	8h 11m	2h 26m					Mi, 11. Jun
Do, 12. Jun	MESZ	—:~:~:~:~	–	Mond stört		22:36	05:21	02:14	1h 18m	03:32	52m	04:25	41m	05:07	15h 48m	20:55	41m	21:37	52m	22:30	1h 18m	23:49	8h 11m	2h 23m					Do, 12. Jun
Fr, 13. Jun	MESZ	—:~:~:~:~	–	Mond stört		23:16	06:23	02:13	1h 18m	03:32	52m	04:25	41m	05:07	15h 49m	20:56	41m	21:38	52m	22:31	1h 19m	23:50	8h 10m	2h 21m					Fr, 13. Jun
Sa, 14. Jun	MESZ	—:~:~:~:~	–	Mond stört		23:48	07:32	02:12	1h 19m	03:32	52m	04:24	41m	05:06	15h 49m	20:56	42m	21:38	53m	22:31	1h 19m	23:51	8h 10m	2h 20m					Sa, 14. Jun
So, 15. Jun	MESZ	23:52–00:12*	20m	AN $_+$ bis M $_7$		—:~	08:47	02:11	1h 19m	03:31	53m	04:24	42m	05:06	15h 50m	20:57	42m	21:39	53m	22:32	1h 20m	23:52	8h 09m	2h 18m					So, 15. Jun
Mo, 16. Jun	MESZ	23:53–00:33*	39m	AN $_+$ bis M $_7$		00:12	10:02	02:11	1h 20m	03:31	53m	04:24	42m	05:06	15h 50m	20:57	42m	21:39	53m	22:32	1h 20m	23:53	8h 09m	2h 17m					Mo, 16. Jun
Di, 17. Jun	MESZ	23:54–00:51*	56m	AN $_+$ bis M $_7$		00:33	11:18	02:10	1h 20m	03:31	53m	04:24	42m	05:06	15h 51m	20:58	42m	21:40	53m	22:33	1h 20m	23:54	8h 08m	2h 16m					Di, 17. Jun
Mi, 18. Jun	MESZ	23:55–01:08*	1h 13m	AN $_+$ bis M $_7$	☾	00:51	12:34	02:10	1h 20m	03:31	53m	04:24	42m	05:07	15h 51m	20:58	42m	21:40	53m	22:33	1h 21m	23:55	8h 08m	2h 15m					Mi, 18. Jun
Do, 19. Jun	MESZ	23:55–01:26*	1h 30m	AN $_+$ bis M $_7$		01:08	13:51	02:10	1h 21m	03:31	53m	04:24	42m	05:07	15h 51m	20:58	42m	21:40	53m	22:34	1h 21m	23:55	8h 08m	2h 15m					Do, 19. Jun
Fr, 20. Jun	MESZ	23:55–01:46*	1h 50m	AN $_+$ bis M $_7$		01:26	15:11	02:10	1h 21m	03:31	53m	04:25	42m	05:07	15h 51m	20:58	42m	21:41	53m	22:34	1h 21m	23:55	8h 08m	2h 14m					Fr, 20. Jun
Sa, 21. Jun	MESZ	23:55–02:10*	2h 14m	AN $_+$ bis M $_7$		01:46	16:35	02:10	1h 21m	03:31	53m	04:25	42m	05:07	15h 51m	20:59	42m	21:41	53m	22:34	1h 21m	23:55	8h 08m	2h 14m					Sa, 21. Jun
So, 22. Jun	MESZ	23:55–02:11*	2h 15m	AN $_+$ bis AN $_$		02:10	18:01	02:10	1h 21m	03:32	53m	04:25	42m	05:07	15h 51m	20:59	42m	21:41	53m	22:34	1h 21m	23:55	8h 08m	2h 15m					So, 22. Jun
Mo, 23. Jun	MESZ	23:55–02:11*	2h 15m	AN $_+$ bis AN $_$		02:42	19:25	02:11	1h 21m	03:32	53m	04:25	42m	05:08	15h 51m	20:59	42m	21:41	53m	22:34	1h 21m	23:55	8h 08m	2h 15m					Mo, 23. Jun
Di, 24. Jun	MESZ	23:55–02:12*	2h 16m	AN $_+$ bis AN $_$		03:26	20:42	02:11	1h 21m	03:32	53m	04:26	42m	05:08	15h 51m	20:59	42m	21:41	53m	22:34	1h 20m	23:55	8h 09m	2h 16m					Di, 24. Jun
Mi, 25. Jun	MESZ	23:55–02:13*	2h 18m	AN $_+$ bis AN $_$	☾	04:24	21:43	02:12	1h 20m	03:33	53m	04:26	42m	05:08	15h 50m	20:59	42m	21:41	53m	22:34	1h 20m	23:55	8h 09m	2h 18m					Mi, 25. Jun
Do, 26. Jun	MESZ	23:54–02:14*	2h 19m	AN $_+$ bis AN $_$		05:36	22:29	02:13	1h 20m	03:33	53m	04:27	42m	05:09	15h 50m	20:59	42m	21:41	53m	22:34	1h 20m	23:54	8h 09m	2h 19m					Do, 26. Jun
Fr, 27. Jun	MESZ	23:54–02:15*	2h 21m	AN $_+$ bis AN $_$		06:55	23:02	02:14	1h 20m	03:34	53m	04:27	42m	05:09	15h 50m	20:59	41m	21:41	52m	22:34	1h 19m	23:54	8h 10m	2h 21m					Fr, 27. Jun
Sa, 28. Jun	MESZ	23:53–02:16*	2h 23m	AN $_+$ bis AN $_$		08:15	23:26	02:15	1h 19m	03:35	52m	04:27	41m	05:09	15h 49m	20:59	41m	21:41	52m	22:34	1h 19m	23:53	8h 11m	2h 23m					Sa, 28. Jun
So, 29. Jun	MESZ	23:52–02:17*	2h 25m	AN $_+$ bis AN $_$		09:31	23:45	02:16	1h 19m	03:35	52m	04:28	41m	05:10	15h 48m	20:59	41m	21:41	52m	22:33	1h 18m	23:52	8h 11m	2h 25m					So, 29. Jun
Mo, 30. Jun	MESZ	00:01*–02:19*	2h 17m	M \searrow bis AN $_$		10:43	—:~	02:17	1h 18m	03:36	52m	04:29	41m	05:11	15h 48m	20:59	41m	21:40	52m	22:33	1h 17m	23:51	8h 12m	2h 27m					Mo, 30. Jun
Di, 1. Jul	MESZ	00:16*–02:20*	2h 03m	M \searrow bis AN $_$		11:52	00:01	02:19	1h 17m	03:37	52m	04:29	41m	05:11	15h 47m	20:58	41m	21:40	52m	22:33	1h 17m	23:50	8h 13m	2h 30m					Di, 1. Jul
Mi, 2. Jul	MESZ	00:31*–02:22*	1h 51m	M \searrow bis AN $_$	☾	12:59	00:16	02:20	1h 17m	03:38	52m	04:30	41m	05:12	15h 46m	20:58	41m	21:40	52m	22:32	1h 16m	23:49	8h 14m	2h 33m					Mi, 2. Jul
Do, 3. Jul	MESZ	00:46*–02:24*	1h 37m	M \searrow bis AN $_$		14:04	00:31	02:22	1h 16m	03:38	52m	04:31	41m	05:12	15h 45m	20:58	41m	21:39	52m	22:32	1h 15m	23:47	8h 15m	2h 36m					Do, 3. Jul
Fr, 4. Jul	MESZ	01:04*–02:25*	1h 21m	M \searrow bis AN $_$		15:11	00:46	02:24	1h 15m	03:39	52m	04:31	41m	05:13	15h 44m	20:58	41m	21:39	51m	22:31	1h 15m	23:46	8h 16m	2h 39m					Fr, 4. Jul
Sa, 5. Jul	MESZ	01:25*–02:27*	1h 01m	M \searrow bis AN $_$		16:18	01:04	02:25	1h 15m	03:40	51m	04:32	41m	05:14	15h 43m	20:57	41m	21:39	51m	22:30	1h 14m	23:45	8h 17m	2h 42m					Sa, 5. Jul
So, 6. Jul	MESZ	01:52*–02:29*	36m	M \searrow bis AN $_$		17:27	01:25	02:27	1h 14m	03:41	51m	04:33	41m	05:14	15h 42m	20:57	41m	21:38	51m	22:29	1h 13m	23:43	8h 18m	2h 45m					So, 6. Jul
Mo, 7. Jul	MESZ	02:27*–02:31*	3m	M \searrow bis AN $_$		18:34	01:52	02:29	1h 13m	03:42	51m	04:34	41m	05:15	15h 41m	20:56	41m	21:37	51m	22:29	1h 12m	23:41	8h 19m	2h 49m					Mo, 7. Jul
Di, 8. Jul	MESZ	—:~:~:~:~	–	Mond stört		19:37	02:27	02:31	1h 12m	03:44	51m	04:35	41m	05:16	15h 39m	20:56	41m	21:37	50m	22:28	1h 11m	23:40	8h 20m	2h 53m					Di, 8. Jul
Mi, 9. Jul	MESZ	—:~:~:~:~	–	Mond stört		20:31	03:14	02:33	1h 11m	03:45	50m	04:36	41m	05:17	15h 38m	20:55	40m	21:36	50m	22:27	1h 11m	23:38	8h 22m	2h 57m					Mi, 9. Jul
Do, 10. Jul	MESZ	—:~:~:~:~	–	Mond stört	☾	21:15	04:12	02:35	1h 11m	03:46	50m	04:37	40m	05:18</															

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

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

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

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