

Mond- und Dämmerungstabelle 2025

für die visuelle Deep-Sky-Beobachtung

Ratzeburg 53.6994° N 10.7739° E

Berechnung: pyEphem
Textsatz: L^AT_EX

Atmosphären-Einstellungen in pyEphem

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

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

Spalte 1 Kalendertag.

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

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

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

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

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

Spalte 6 Mondphase.

Spalte 7 Mondaufgang.

Spalte 8 Monduntergang.

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

Spalte 10 Dauer der astr. Morgendämmerung.

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

Spalte 12 Dauer der naut. Morgendämmerung.

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

Spalte 14 Dauer der bürg. Morgendämmerung.

Spalte 15 Sonnenaufgang.

Spalte 16 Taglänge.

Spalte 17 Sonnenuntergang.

Spalte 18 Dauer der bürg. Abenddämmerung.

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

Spalte 20 Dauer der naut. Abenddämmerung.

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

Spalte 22 Dauer der astr. Abenddämmerung.

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

Spalte 24 Länge der Nacht.

Spalte 25 Länge der astr. Nacht.

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

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

Spalte 27 Dauer der in Spalte 26 angegebenen Zeitspanne.

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

Spalte 29 Identisch zu Spalte 1.

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

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

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

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

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

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

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

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