

Mond- und Dämmerungstabelle 2025

für die visuelle Deep-Sky-Beobachtung

Ludwigshafen am Rhein 49.4831° N 8.4478° 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		18:36–06:23*	11h 46m	AN ₊ bis AN ₋		10:00	18:04	06:23	38m	07:02	39m	07:42	39m	08:21	8h 16m	16:37	39m	17:17	39m	17:57	38m	18:36	15h 43m	11h 46m				Mi, 1. Jan
Do, 2. Jan		19:27–06:23*	10h 55m	M _\ bis AN ₋		10:27	19:27	06:23	38m	07:02	39m	07:42	39m	08:21	8h 17m	16:39	39m	17:18	39m	17:58	38m	18:37	15h 42m	11h 45m				Do, 2. Jan
Fr, 3. Jan		20:51–06:23*	9h 32m	M _\ bis AN ₋		10:47	20:51	06:23	38m	07:02	39m	07:42	39m	08:21	8h 18m	16:40	39m	17:19	39m	17:59	38m	18:38	15h 41m	11h 45m				Fr, 3. Jan
Sa, 4. Jan		22:13–06:23*	8h 10m	M _\ bis AN ₋		11:04	22:13	06:23	38m	07:02	39m	07:41	39m	08:21	8h 19m	16:41	39m	17:20	39m	18:00	38m	18:39	15h 40m	11h 43m				Sa, 4. Jan
So, 5. Jan		23:34–06:23*	6h 48m	M _\ bis AN ₋		11:19	23:34	06:23	38m	07:02	39m	07:41	39m	08:21	8h 21m	16:42	39m	17:21	39m	18:01	38m	18:40	15h 38m	11h 42m				So, 5. Jan
Mo, 6. Jan		00:56*–06:23*	5h 26m	M _\ bis AN ₋		11:33	—:—	06:23	38m	07:01	39m	07:41	39m	08:21	8h 22m	16:43	39m	17:23	39m	18:02	38m	18:41	15h 37m	11h 41m				Mo, 6. Jan
Di, 7. Jan		02:20*–06:22*	4h 02m	M _\ bis AN ₋	☾	11:49	00:56	06:23	38m	07:01	39m	07:41	39m	08:20	8h 24m	16:44	39m	17:24	39m	18:03	38m	18:42	15h 35m	11h 40m				Di, 7. Jan
Mi, 8. Jan		03:46*–06:22*	2h 36m	M _\ bis AN ₋		12:07	02:20	06:22	38m	07:01	39m	07:40	39m	08:20	8h 25m	16:46	39m	17:25	39m	18:04	38m	18:43	15h 33m	11h 39m				Mi, 8. Jan
Do, 9. Jan		05:12*–06:22*	1h 10m	M _\ bis AN ₋		12:30	03:46	06:22	38m	07:01	39m	07:40	39m	08:19	8h 27m	16:47	39m	17:26	39m	18:05	38m	18:44	15h 32m	11h 37m				Do, 9. Jan
Fr, 10. Jan		—:—:—:—	–	Mond stört		13:01	05:12	06:22	38m	07:00	39m	07:40	39m	08:19	8h 29m	16:48	39m	17:27	39m	18:07	38m	18:45	15h 30m	11h 36m				Fr, 10. Jan
Sa, 11. Jan		—:—:—:—	–	Mond stört		13:46	06:32	06:22	38m	07:00	39m	07:39	39m	08:18	8h 31m	16:49	39m	17:28	39m	18:08	38m	18:46	15h 28m	11h 35m				Sa, 11. Jan
So, 12. Jan		—:—:~:~:~	–	Mond stört		14:45	07:40	06:21	38m	07:00	39m	07:39	38m	08:18	8h 33m	16:51	38m	17:30	39m	18:09	38m	18:47	15h 26m	11h 33m				So, 12. Jan
Mo, 13. Jan		—:~:~:~:~	–	Mond stört	☾	15:58	08:32	06:21	38m	06:59	39m	07:38	38m	08:17	8h 35m	16:52	38m	17:31	39m	18:10	38m	18:49	15h 24m	11h 31m				Mo, 13. Jan
Di, 14. Jan		—:~:~:~:~	–	Mond stört		17:17	09:08	06:20	38m	06:59	39m	07:38	38m	08:16	8h 37m	16:54	38m	17:32	39m	18:11	38m	18:50	15h 22m	11h 30m				Di, 14. Jan
Mi, 15. Jan		—:~:~:~:~	–	Mond stört		18:36	09:34	06:20	38m	06:58	39m	07:37	38m	08:16	8h 39m	16:55	38m	17:34	39m	18:13	38m	18:51	15h 19m	11h 28m				Mi, 15. Jan
Do, 16. Jan		18:52–19:52	59m	AN ₊ bis M _\		19:52	09:53	06:19	38m	06:58	38m	07:36	38m	08:15	8h 41m	16:57	38m	17:35	38m	18:14	38m	18:52	15h 17m	11h 26m				Do, 16. Jan
Fr, 17. Jan		18:53–21:04	2h 10m	AN ₊ bis M _\		21:04	10:08	06:19	38m	06:57	38m	07:36	38m	08:14	8h 43m	16:58	38m	17:36	38m	18:15	38m	18:53	15h 15m	11h 24m				Fr, 17. Jan
Sa, 18. Jan		18:55–22:14	3h 19m	AN ₊ bis M _\		22:14	10:21	06:18	38m	06:56	38m	07:35	38m	08:13	8h 46m	17:00	38m	17:38	38m	18:17	38m	18:55	15h 12m	11h 22m				Sa, 18. Jan
So, 19. Jan		18:56–23:22	4h 26m	AN ₊ bis M _\		23:22	10:33	06:18	38m	06:56	38m	07:34	38m	08:12	8h 48m	17:01	38m	17:39	38m	18:18	38m	18:56	15h 10m	11h 21m				So, 19. Jan
Mo, 20. Jan		18:57–00:30*	5h 32m	AN ₊ bis M _\		—:—	10:44	06:17	37m	06:55	38m	07:33	37m	08:11	8h 51m	17:03	37m	17:41	38m	18:19	37m	18:57	15h 07m	11h 19m				Mo, 20. Jan
Di, 21. Jan		18:58–01:39*	6h 40m	AN ₊ bis M _\	☾	00:30	10:57	06:16	37m	06:54	38m	07:33	37m	08:10	8h 53m	17:04	37m	17:42	38m	18:21	37m	18:58	15h 05m	11h 16m				Di, 21. Jan
Mi, 22. Jan		19:00–02:51*	7h 50m	AN ₊ bis M _\		01:39	11:12	06:15	37m	06:53	38m	07:32	37m	08:09	8h 56m	17:06	37m	17:43	38m	18:22	37m	19:00	15h 02m	11h 14m				Mi, 22. Jan
Do, 23. Jan		19:01–04:03*	9h 01m	AN ₊ bis M _\		02:51	11:31	06:15	37m	06:52	38m	07:31	37m	08:08	8h 58m	17:07	37m	17:45	38m	18:23	37m	19:01	14h 59m	11h 12m				Do, 23. Jan
Fr, 24. Jan		19:02–05:15*	10h 12m	AN ₊ bis M _\		04:03	11:56	06:14	37m	06:51	38m	07:30	37m	08:07	9h 01m	17:09	37m	17:46	38m	18:25	37m	19:02	14h 57m	11h 10m				Fr, 24. Jan
Sa, 25. Jan		19:04–06:12*	11h 08m	AN ₊ bis AN ₋		05:15	12:31	06:13	37m	06:51	38m	07:29	37m	08:06	9h 04m	17:11	37m	17:48	38m	18:26	37m	19:04	14h 54m	11h 08m				Sa, 25. Jan
So, 26. Jan		19:05–06:11*	11h 05m	AN ₊ bis AN ₋		06:20	13:19	06:12	37m	06:50	38m	07:28	37m	08:05	9h 07m	17:12	37m	17:49	38m	18:28	37m	19:05	14h 51m	11h 05m				So, 26. Jan
Mo, 27. Jan		19:07–06:10*	11h 03m	AN ₊ bis AN ₋		07:15	14:24	06:11	37m	06:49	37m	07:27	37m	08:04	9h 10m	17:14	37m	17:51	38m	18:29	37m	19:07	14h 48m	11h 03m				Mo, 27. Jan
Di, 28. Jan		19:08–06:09*	11h 00m	AN ₊ bis AN ₋		07:57	15:41	06:10	37m	06:48	37m	07:25	36m	08:02	9h 13m	17:15	37m	17:52	37m	18:30	37m	19:08	14h 45m	11h 00m				Di, 28. Jan
Mi, 29. Jan		19:09–06:08*	10h 58m	AN ₊ bis AN ₋	☾	08:28	17:05	06:09	37m	06:46	37m	07:24	36m	08:01	9h 15m	17:17	36m	17:54	37m	18:32	37m	19:09	14h 42m	10h 58m				Mi, 29. Jan
Do, 30. Jan		19:11–06:07*	10h 55m	AN ₊ bis AN ₋		08:51	18:31	06:08	37m	06:45	37m	07:23	36m	08:00	9h 18m	17:19	36m	17:56	37m	18:33	37m	19:11	14h 39m	10h 55m				Do, 30. Jan
Fr, 31. Jan		19:56–06:06*	10h 09m	M _\ bis AN ₋		09:10	19:56	06:07	37m	06:44	37m	07:22	36m	07:58	9h 22m	17:20	36m	17:57	37m	18:35	37m	19:12	14h 36m	10h 53m				Fr, 31. Jan
Sa, 1. Feb		21:20–06:04*	8h 44m	M _\ bis AN ₋		09:25	21:20	06:06	37m	06:43	37m	07:21	36m	07:57	9h 25m	17:22	36m	17:59	37m	18:36	37m	19:14	14h 33m	10h 50m				Sa, 1. Feb
So, 2. Feb		22:43–06:03*	7h 19m	M _\ bis AN ₋		09:40	22:43	06:04	37m	06:42	37m	07:19	36m	07:56	9h 28m	17:24	36m	18:00	37m	18:38	37m	19:15	14h 30m	10h 48m				So, 2. Feb
Mo, 3. Feb		00:08*–06:02*	5h 54m	M _\ bis AN ₋		09:55	—:—	06:03	37m	06:40	37m	07:18	36m	07:54	9h 31m	17:26	36m	18:02	37m	18:39	37m	19:17	14h 27m	10h 45m				Mo, 3. Feb
Di, 4. Feb		01:33*–06:01*	4h 27m	M _\ bis AN ₋		10:12	00:08	06:02	37m	06:39	37m	07:17	36m	07:53	9h 34m	17:27	36m	18:03	37m	18:41	37m	19:18	14h 23m	10h 42m				Di, 4. Feb
Mi, 5. Feb		02:59*–05:59*	3h 00m	M _\ bis AN ₋	☾	10:33	01:33	06:01	37m	06:38	37m	07:15	36m	07:51	9h 37m	17:29	36m	18:05	37m	18:42	37m	19:19	14h 20m	10h 39m				Mi, 5. Feb
Do, 6. Feb		04:21*–05:58*	1h 36m	M _\ bis AN ₋		11:02	02:59	05:59	37m	06:36	37m	07:14	35m	07:50	9h 40m	17:31	35m	18:07	37m	18:44	37m	19:21	14h 17m	10h 37m				Do, 6. Feb
Fr, 7. Feb		05:32*–05:57*	24m	M _\ bis AN ₋		11:41	04:21	05:58	37m	06:35	37m	07:12	35m	07:48	9h 44m	17:32	35m	18:08	37m	18:45	37m	19:22	14h 14m	10h 34m				Fr, 7. Feb
Sa, 8. Feb		—:~:~:~:~	–	Mond stört		12:34	05:32	05:57	37m	06:34	37m	07:11	35m	07:46	9h 47m	17:34	35m	18:10	37m	18:47	37m	19:24	14h 10m	10h 31m				Sa, 8. Feb
So, 9. Feb		—:~:~:~:~	–	Mond stört		13:41	06:28	05:55	37m	06:32	36m	07:09	35m	07:45	9h 50m	17:36	35m	18:11	37m	18:48	37m	19:25	14h 07m	10h 28m				So, 9. Feb
Mo, 10. Feb		—:~:~:~:~	–	Mond stört		14:57	07:08	05:54	37m	06:31	36m	07:08	35m	07:43	9h 54m	17:37	35m	18:13	36m	18:50	37m	19:27	14h 04m	10h 25m				Mo, 10. Feb
Di, 11. Feb		—:~:~:~:~	–	Mond stört		16:16	07:37	05:52	37m	06:29	36m	07:06	35m	07:41	9h 57m	17:39	35m	18:14	36m	18:51	37m	19:28	14h 00m	10h 22m				Di, 11. Feb
Mi, 12. Feb		—:~:~:~:~	–	Mond stört	☾	17:33	07:58	05:51	36m	06:28	36m	07:04	35m	07:40	10h 00m	17:41	35m	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			
Do, 20. Feb		19:42–02:57*	7h 14m	AN ₊ bis M ₇	☾	01:46	09:55	05:37	36m	06:14	36m	06:51	34m	07:25	10h 28m	17:54	34m	18:29	36m	19:05	37m	19:42	13h 29m	9h 53m					Do, 20. Feb
Fr, 21. Feb		19:44–04:05*	8h 20m	AN ₊ bis M ₇		02:57	10:25	05:36	36m	06:13	36m	06:49	34m	07:23	10h 32m	17:56	34m	18:30	36m	19:07	37m	19:44	13h 25m	9h 49m					Fr, 21. Feb
Sa, 22. Feb		19:45–05:04*	9h 18m	AN ₊ bis M ₇		04:05	11:06	05:34	36m	06:11	36m	06:47	34m	07:22	10h 35m	17:57	34m	18:32	36m	19:08	37m	19:45	13h 22m	9h 46m					Sa, 22. Feb
So, 23. Feb		19:47–05:30*	9h 43m	AN ₊ bis AN ₋		05:04	12:02	05:32	36m	06:09	36m	06:45	34m	07:20	10h 39m	17:59	34m	18:34	36m	19:10	37m	19:47	13h 18m	9h 43m					So, 23. Feb
Mo, 24. Feb		19:49–05:28*	9h 39m	AN ₊ bis AN ₋		05:51	13:13	05:30	36m	06:07	36m	06:43	34m	07:18	10h 43m	18:01	34m	18:35	36m	19:12	37m	19:49	13h 14m	9h 39m					Mo, 24. Feb
Di, 25. Feb		19:50–05:26*	9h 36m	AN ₊ bis AN ₋		06:26	14:34	05:28	37m	06:05	36m	06:41	34m	07:16	10h 46m	18:02	34m	18:37	36m	19:13	37m	19:50	13h 11m	9h 36m					Di, 25. Feb
Mi, 26. Feb		19:52–05:24*	9h 32m	AN ₊ bis AN ₋		06:53	16:00	05:26	37m	06:03	36m	06:40	34m	07:14	10h 50m	18:04	34m	18:38	36m	19:15	37m	19:52	13h 07m	9h 32m					Mi, 26. Feb
Do, 27. Feb		19:53–05:22*	9h 28m	AN ₊ bis AN ₋		07:13	17:27	05:24	37m	06:01	36m	06:38	34m	07:12	10h 53m	18:06	34m	18:40	36m	19:16	37m	19:53	13h 04m	9h 28m					Do, 27. Feb
Fr, 28. Feb		19:55–05:20*	9h 25m	AN ₊ bis AN ₋	☉	07:30	18:54	05:22	37m	05:59	36m	06:36	34m	07:10	10h 57m	18:07	34m	18:42	36m	19:18	37m	19:55	13h 00m	9h 25m					Fr, 28. Feb
Sa, 1. Mär		20:20–05:18*	8h 58m	M _\ bis AN ₋		07:45	20:20	05:20	37m	05:57	36m	06:34	34m	07:08	11h 01m	18:09	34m	18:43	36m	19:19	37m	19:57	12h 56m	9h 21m					Sa, 1. Mär
So, 2. Mär		21:47–05:16*	7h 28m	M _\ bis AN ₋		08:00	21:47	05:18	37m	05:56	36m	06:32	34m	07:06	11h 04m	18:11	34m	18:45	36m	19:21	37m	19:58	12h 53m	9h 17m					So, 2. Mär
Mo, 3. Mär		23:16–05:14*	5h 58m	M _\ bis AN ₋		08:17	23:16	05:16	37m	05:54	36m	06:30	33m	07:04	11h 08m	18:12	34m	18:46	36m	19:23	37m	20:00	12h 49m	9h 14m					Mo, 3. Mär
Di, 4. Mär		00:45*–05:12*	4h 27m	M _\ bis AN ₋		08:37	—:—	05:14	37m	05:52	36m	06:28	33m	07:02	11h 12m	18:14	34m	18:48	36m	19:24	37m	20:02	12h 45m	9h 10m					Di, 4. Mär
Mi, 5. Mär		02:10*–05:10*	2h 59m	M _\ bis AN ₋		09:03	00:45	05:12	37m	05:49	36m	06:26	33m	07:00	11h 15m	18:15	33m	18:49	36m	19:26	37m	20:03	12h 42m	9h 06m					Mi, 5. Mär
Do, 6. Mär		03:26*–05:08*	1h 41m	M _\ bis AN ₋	☽	09:39	02:10	05:10	37m	05:47	36m	06:24	33m	06:58	11h 19m	18:17	33m	18:51	36m	19:27	37m	20:05	12h 38m	9h 02m					Do, 6. Mär
Fr, 7. Mär		04:26*–05:06*	39m	M _\ bis AN ₋		10:28	03:26	05:08	37m	05:45	36m	06:22	33m	06:55	11h 23m	18:19	33m	18:53	36m	19:29	37m	20:07	12h 34m	8h 59m					Fr, 7. Mär
Sa, 8. Mär		—:—:—:—	–	Mond stört		11:31	04:26	05:06	37m	05:43	36m	06:20	33m	06:53	11h 26m	18:20	33m	18:54	36m	19:31	37m	20:08	12h 31m	8h 55m					Sa, 8. Mär
So, 9. Mär		—:—:—:—	–	Mond stört		12:44	05:11	05:04	37m	05:41	36m	06:18	33m	06:51	11h 30m	18:22	33m	18:56	36m	19:32	37m	20:10	12h 27m	8h 51m					So, 9. Mär
Mo, 10. Mär		—:—:~:~:~	–	Mond stört		14:02	05:42	05:01	37m	05:39	36m	06:15	33m	06:49	11h 34m	18:23	33m	18:57	36m	19:34	37m	20:12	12h 23m	8h 47m					Mo, 10. Mär
Di, 11. Mär		—:~:~:~:~	–	Mond stört		15:19	06:04	04:59	37m	05:37	36m	06:13	33m	06:47	11h 37m	18:25	33m	18:59	36m	19:35	37m	20:13	12h 19m	8h 43m					Di, 11. Mär
Mi, 12. Mär		—:~:~:~:~	–	Mond stört		16:33	06:21	04:57	37m	05:35	36m	06:11	33m	06:45	11h 41m	18:27	33m	19:00	36m	19:37	38m	20:15	12h 16m	8h 39m					Mi, 12. Mär
Do, 13. Mär		—:~:~:~:~	–	Mond stört		17:44	06:35	04:55	38m	05:33	36m	06:09	33m	06:43	11h 45m	18:28	33m	19:02	36m	19:39	38m	20:17	12h 12m	8h 35m					Do, 13. Mär
Fr, 14. Mär		—:~:~:~:~	–	Mond stört	☽	18:53	06:47	04:52	38m	05:30	36m	06:07	33m	06:41	11h 48m	18:30	33m	19:04	36m	19:40	38m	20:19	12h 08m	8h 31m					Fr, 14. Mär
Sa, 15. Mär		—:~:~:~:~	–	Mond stört		20:02	06:59	04:50	38m	05:28	36m	06:05	33m	06:39	11h 52m	18:31	33m	19:05	36m	19:42	38m	20:20	12h 05m	8h 27m					Sa, 15. Mär
So, 16. Mär		20:22–21:10	48m	AN ₊ bis M ₇		21:10	07:10	04:48	38m	05:26	36m	06:03	33m	06:37	11h 56m	18:33	33m	19:07	36m	19:44	38m	20:22	12h 01m	8h 23m					So, 16. Mär
Mo, 17. Mär		20:24–22:20	1h 56m	AN ₊ bis M ₇		22:20	07:23	04:45	38m	05:24	36m	06:01	33m	06:34	12h 00m	18:34	33m	19:08	36m	19:45	38m	20:24	11h 57m	8h 19m					Mo, 17. Mär
Di, 18. Mär		20:26–23:31	3h 05m	AN ₊ bis M ₇		23:31	07:39	04:43	38m	05:22	36m	05:58	33m	06:32	12h 03m	18:36	33m	19:10	36m	19:47	38m	20:26	11h 54m	8h 15m					Di, 18. Mär
Mi, 19. Mär		20:27–00:43*	4h 15m	AN ₊ bis M ₇		—:—	07:58	04:41	38m	05:19	36m	05:56	33m	06:30	12h 07m	18:38	33m	19:12	36m	19:48	38m	20:27	11h 50m	8h 10m					Mi, 19. Mär
Do, 20. Mär		20:29–01:51*	5h 22m	AN ₊ bis M ₇		00:43	08:24	04:38	38m	05:17	36m	05:54	33m	06:28	12h 11m	18:39	33m	19:13	37m	19:50	39m	20:29	11h 46m	8h 06m					Do, 20. Mär
Fr, 21. Mär		20:31–02:53*	6h 21m	AN ₊ bis M ₇		01:51	09:00	04:36	39m	05:15	36m	05:52	33m	06:26	12h 14m	18:41	34m	19:15	37m	19:52	39m	20:31	11h 43m	8h 02m					Fr, 21. Mär
Sa, 22. Mär		20:33–03:44*	7h 11m	AN ₊ bis M ₇	☽	02:53	09:48	04:33	39m	05:13	37m	05:50	33m	06:24	12h 18m	18:42	34m	19:16	37m	19:53	39m	20:33	11h 39m	7h 58m					Sa, 22. Mär
So, 23. Mär		20:35–04:23*	7h 48m	AN ₊ bis M ₇		03:44	10:51	04:31	39m	05:10	37m	05:48	33m	06:22	12h 22m	18:44	34m	19:18	37m	19:55	39m	20:35	11h 35m	7h 53m					So, 23. Mär
Mo, 24. Mär		20:37–04:26*	7h 49m	AN ₊ bis AN ₋		04:23	12:06	04:29	39m	05:08	37m	05:45	34m	06:19	12h 25m	18:45	34m	19:19	37m	19:57	39m	20:37	11h 31m	7h 49m					Mo, 24. Mär
Di, 25. Mär		20:39–04:24*	7h 44m	AN ₊ bis AN ₋		04:53	13:28	04:26	39m	05:06	37m	05:43	34m	06:17	12h 29m	18:47	34m	19:21	37m	19:59	40m	20:39	11h 28m	7h 44m					Di, 25. Mär
Mi, 26. Mär		20:40–04:21*	7h 40m	AN ₊ bis AN ₋		05:15	14:53	04:24	39m	05:04	37m	05:41	34m	06:15	12h 33m	18:48	34m	19:23	37m	20:00	40m	20:40	11h 24m	7h 40m					Mi, 26. Mär
Do, 27. Mär		20:42–04:19*	7h 36m	AN ₊ bis AN ₋		05:33	16:20	04:21	40m	05:01	37m	05:39	34m	06:13	12h 36m	18:50	34m	19:24	37m	20:02	40m	20:42	11h 20m	7h 36m					Do, 27. Mär
Fr, 28. Mär		20:44–04:16*	7h 31m	AN ₊ bis AN ₋		05:49	17:46	04:19	40m	04:59	37m	05:37	34m	06:11	12h 40m	18:52	34m	19:26	37m	20:04	40m	20:44	11h 17m	7h 31m					Fr, 28. Mär
Sa, 29. Mär		20:46–04:13*	7h 27m	AN ₊ bis AN ₋	☉	06:04	19:15	04:16	40m	04:57	37m	05:34	34m	06:09	12h 44m	18:53	34m	19:27	37m	20:05	40m	20:46	11h 13m	7h 27m					Sa, 29. Mär
So, 30. Mär	MESZ	21:48–05:11*	7h 22m	AN ₊ bis AN ₋		07:20	21:45	05:13	40m	05:54	37m	06:32	34m	07:07	12h 48m	19:55	34m	20:29	38m	21:07	41m	21:48	11h 09m	7h 22m					So, 30. Mär
Mo, 31. Mär	MESZ	23:18–05:08*	5h 50m	M _\ bis AN ₋		07:39	23:18	05:11	41m	05:52	38m	06:30	34m	07:04	12h 51m	19:56	34m	20:31	38m	21:09	41m	21:50	11h 06m	7h 18m					Mo, 31. Mär
Di, 1. Apr	MESZ	00:49*–05:06*	4h 16m	M _\ bis AN ₋		08:03	—:—	05:08	41m	05:50	38m	06:28	34m	07:02	12h 55m	19:58	34m	20:32	38m	21:11	41m	21:52	11h 02m	7h 13m					Di, 1. Apr
Mi, 2. Apr	MESZ	02:12*–05:03*	2h 51m	M _\ bis AN ₋		08:36	00:49	05:06	41m	05:47	38m	06:26	34m	07:00	12h 59m	19:59	34m	20:34	38m	21:12									

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

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

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	00:21*–01:28*	1h 07m	AN ₊ bis M ₇		00:54	17:47	02:40	1h 23m	04:03	54m	04:58	43m	05:41	15h 41m	21:22	42m	22:05	54m	22:59	1h 21m	00:21*	8h 19m	2h 23m					So, 20. Jul
Mo, 21. Jul	MESZ	00:17*–02:17*	2h 00m	AN ₊ bis M ₇		01:28	19:08	02:44	1h 21m	04:05	54m	04:59	42m	05:42	15h 38m	21:21	42m	22:04	53m	22:58	1h 19m	00:17*	8h 22m	2h 31m					Mo, 21. Jul
Di, 22. Jul	MESZ	00:13*–02:52*	2h 38m	AN ₊ bis AN ₋		02:17	20:14	02:48	1h 19m	04:07	53m	05:01	42m	05:44	15h 36m	21:20	42m	22:03	53m	22:56	1h 17m	00:13*	8h 24m	2h 38m					Di, 22. Jul
Mi, 23. Jul	MESZ	00:10*–02:55*	2h 45m	AN ₊ bis AN ₋		03:23	21:03	02:52	1h 17m	04:09	53m	05:02	42m	05:45	15h 34m	21:19	42m	22:01	52m	22:54	1h 15m	00:10*	8h 27m	2h 45m					Mi, 23. Jul
Do, 24. Jul	MESZ	00:06*–02:59*	2h 52m	AN ₊ bis AN ₋	●	04:41	21:37	02:55	1h 15m	04:11	52m	05:04	42m	05:46	15h 31m	21:18	42m	22:00	52m	22:52	1h 14m	00:06*	8h 29m	2h 52m					Do, 24. Jul
Fr, 25. Jul	MESZ	00:03*–03:02*	2h 59m	AN ₊ bis AN ₋		06:05	22:01	02:59	1h 14m	04:13	52m	05:05	42m	05:47	15h 28m	21:16	41m	21:58	51m	22:50	1h 12m	00:03*	8h 32m	2h 59m					Fr, 25. Jul
Sa, 26. Jul	MESZ	23:59–03:06*	3h 06m	AN ₊ bis AN ₋		07:27	22:19	03:02	1h 12m	04:15	51m	05:07	41m	05:49	15h 26m	21:15	41m	21:57	51m	22:48	1h 11m	23:59	8h 34m	3h 06m					Sa, 26. Jul
So, 27. Jul	MESZ	23:56–03:09*	3h 13m	AN ₊ bis AN ₋		08:45	22:34	03:06	1h 11m	04:17	51m	05:08	41m	05:50	15h 23m	21:14	41m	21:55	50m	22:46	1h 09m	23:56	8h 37m	3h 13m					So, 27. Jul
Mo, 28. Jul	MESZ	23:52–03:12*	3h 20m	AN ₊ bis AN ₋		09:59	22:47	03:09	1h 09m	04:19	51m	05:10	41m	05:51	15h 20m	21:12	41m	21:54	50m	22:44	1h 08m	23:52	8h 40m	3h 20m					Mo, 28. Jul
Di, 29. Jul	MESZ	23:49–03:16*	3h 26m	AN ₊ bis AN ₋		11:10	22:59	03:13	1h 08m	04:21	50m	05:11	41m	05:53	15h 18m	21:11	41m	21:52	50m	22:42	1h 07m	23:49	8h 43m	3h 26m					Di, 29. Jul
Mi, 30. Jul	MESZ	23:46–03:19*	3h 33m	AN ₊ bis AN ₋		12:20	23:11	03:16	1h 07m	04:23	50m	05:13	41m	05:54	15h 15m	21:09	40m	21:50	49m	22:40	1h 05m	23:46	8h 45m	3h 33m					Mi, 30. Jul
Do, 31. Jul	MESZ	23:43–03:22*	3h 39m	AN ₊ bis AN ₋		13:29	23:25	03:19	1h 05m	04:25	49m	05:15	40m	05:55	15h 12m	21:08	40m	21:49	49m	22:38	1h 04m	23:43	8h 48m	3h 39m					Do, 31. Jul
Fr, 1. Aug	MESZ	23:42–03:25*	3h 43m	M _\ bis AN ₋	☾	14:40	23:42	03:22	1h 04m	04:27	49m	05:16	40m	05:57	15h 09m	21:06	40m	21:47	48m	22:36	1h 03m	23:39	8h 51m	3h 45m					Fr, 1. Aug
Sa, 2. Aug	MESZ	00:03*–03:28*	3h 24m	M _\ bis AN ₋		15:51	—:—	03:25	1h 03m	04:29	48m	05:18	40m	05:58	15h 06m	21:05	40m	21:45	48m	22:34	1h 02m	23:36	8h 54m	3h 52m					Sa, 2. Aug
So, 3. Aug	MESZ	00:33*–03:31*	2h 58m	M _\ bis AN ₋		17:01	00:03	03:28	1h 02m	04:31	48m	05:19	40m	06:00	15h 03m	21:03	39m	21:43	48m	22:31	1h 01m	23:33	8h 57m	3h 58m					So, 3. Aug
Mo, 4. Aug	MESZ	01:12*–03:34*	2h 21m	M _\ bis AN ₋		18:08	00:33	03:31	1h 01m	04:33	48m	05:21	40m	06:01	15h 00m	21:02	39m	21:42	47m	22:29	1h 00m	23:30	9h 00m	4h 04m					Mo, 4. Aug
Di, 5. Aug	MESZ	02:06*–03:37*	1h 31m	M _\ bis AN ₋		19:06	01:12	03:34	1h 00m	04:35	47m	05:23	39m	06:02	14h 57m	21:00	39m	21:40	47m	22:27	59m	23:27	9h 03m	4h 10m					Di, 5. Aug
Mi, 6. Aug	MESZ	03:12*–03:40*	27m	M _\ bis AN ₋		19:53	02:06	03:37	59m	04:37	47m	05:24	39m	06:04	14h 54m	20:59	39m	21:38	46m	22:25	58m	23:24	9h 06m	4h 16m					Mi, 6. Aug
Do, 7. Aug	MESZ	—:—:—:—	–	Mond stört		20:29	03:12	03:40	58m	04:39	46m	05:26	39m	06:05	14h 51m	20:57	39m	21:36	46m	22:23	57m	23:20	9h 09m	4h 22m					Do, 7. Aug
Fr, 8. Aug	MESZ	—:—:—:—	–	Mond stört		20:55	04:29	03:43	57m	04:41	46m	05:27	39m	06:07	14h 48m	20:55	38m	21:34	46m	22:20	56m	23:17	9h 12m	4h 28m					Fr, 8. Aug
Sa, 9. Aug	MESZ	—:—:—:—	–	Mond stört	○	21:15	05:50	03:46	56m	04:43	46m	05:29	39m	06:08	14h 45m	20:53	38m	21:32	45m	22:18	56m	23:14	9h 15m	4h 34m					Sa, 9. Aug
So, 10. Aug	MESZ	—:—:~:~:~	–	Mond stört		21:32	07:12	03:49	56m	04:45	45m	05:31	38m	06:09	14h 42m	20:52	38m	21:30	45m	22:16	55m	23:11	9h 19m	4h 40m					So, 10. Aug
Mo, 11. Aug	MESZ	—:~:~:~:~	–	Mond stört		21:47	08:33	03:51	55m	04:47	45m	05:32	38m	06:11	14h 39m	20:50	38m	21:28	45m	22:14	54m	23:08	9h 22m	4h 45m					Mo, 11. Aug
Di, 12. Aug	MESZ	—:~:~:~:~	–	Mond stört		22:01	09:55	03:54	54m	04:49	45m	05:34	38m	06:12	14h 35m	20:48	38m	21:26	44m	22:11	53m	23:05	9h 25m	4h 51m					Di, 12. Aug
Mi, 13. Aug	MESZ	—:~:~:~:~	–	Mond stört		22:16	11:17	03:57	53m	04:51	44m	05:35	38m	06:14	14h 32m	20:46	38m	21:24	44m	22:09	53m	23:02	9h 28m	4h 57m					Mi, 13. Aug
Do, 14. Aug	MESZ	—:~:~:~:~	–	Mond stört		22:34	12:41	03:59	53m	04:53	44m	05:37	38m	06:15	14h 29m	20:45	37m	21:22	44m	22:07	52m	22:59	9h 32m	5h 02m					Do, 14. Aug
Fr, 15. Aug	MESZ	22:56–22:57	0m	AN ₊ bis M ₇		22:57	14:08	04:02	52m	04:54	44m	05:39	37m	06:17	14h 26m	20:43	37m	21:20	43m	22:04	51m	22:56	9h 35m	5h 08m					Fr, 15. Aug
Sa, 16. Aug	MESZ	22:53–23:27	34m	AN ₊ bis M ₇	☾	23:27	15:35	04:04	51m	04:56	43m	05:40	37m	06:18	14h 22m	20:41	37m	21:18	43m	22:02	51m	22:53	9h 38m	5h 13m					Sa, 16. Aug
So, 17. Aug	MESZ	22:50–00:10*	1h 20m	AN ₊ bis M ₇		—:—	16:56	04:07	51m	04:58	43m	05:42	37m	06:20	14h 19m	20:39	37m	21:16	43m	22:00	50m	22:50	9h 42m	5h 19m					So, 17. Aug
Mo, 18. Aug	MESZ	22:47–01:09*	2h 21m	AN ₊ bis M ₇		00:10	18:06	04:10	50m	05:00	43m	05:44	37m	06:21	14h 16m	20:37	37m	21:14	43m	21:57	50m	22:47	9h 45m	5h 24m					Mo, 18. Aug
Di, 19. Aug	MESZ	22:45–02:22*	3h 37m	AN ₊ bis M ₇		01:09	19:00	04:12	50m	05:02	43m	05:45	37m	06:22	14h 12m	20:35	37m	21:12	42m	21:55	49m	22:45	9h 48m	5h 29m					Di, 19. Aug
Mi, 20. Aug	MESZ	22:42–03:43*	5h 01m	AN ₊ bis M ₇		02:22	19:38	04:14	49m	05:04	42m	05:47	37m	06:24	14h 09m	20:33	36m	21:10	42m	21:53	49m	22:42	9h 52m	5h 35m					Mi, 20. Aug
Do, 21. Aug	MESZ	22:39–04:19*	5h 40m	AN ₊ bis AN ₋		03:43	20:05	04:17	49m	05:06	42m	05:48	36m	06:25	14h 05m	20:31	36m	21:08	42m	21:50	48m	22:39	9h 55m	5h 40m					Do, 21. Aug
Fr, 22. Aug	MESZ	22:36–04:22*	5h 45m	AN ₊ bis AN ₋		05:05	20:24	04:19	48m	05:08	42m	05:50	36m	06:27	14h 02m	20:29	36m	21:06	41m	21:48	48m	22:36	9h 58m	5h 45m					Fr, 22. Aug
Sa, 23. Aug	MESZ	22:33–04:24*	5h 50m	AN ₊ bis AN ₋	●	06:24	20:40	04:22	48m	05:10	41m	05:52	36m	06:28	13h 59m	20:27	36m	21:04	41m	21:45	47m	22:33	10h 02m	5h 50m					Sa, 23. Aug
So, 24. Aug	MESZ	22:30–04:26*	5h 56m	AN ₊ bis AN ₋		07:40	20:53	04:24	47m	05:12	41m	05:53	36m	06:30	13h 55m	20:25	36m	21:02	41m	21:43	47m	22:30	10h 05m	5h 56m					So, 24. Aug
Mo, 25. Aug	MESZ	22:27–04:29*	6h 01m	AN ₊ bis AN ₋		08:52	21:05	04:26	47m	05:13	41m	05:55	36m	06:31	13h 52m	20:23	36m	20:59	41m	21:41	46m	22:27	10h 09m	6h 01m					Mo, 25. Aug
Di, 26. Aug	MESZ	22:25–04:31*	6h 06m	AN ₊ bis AN ₋		10:03	21:17	04:29	46m	05:15	41m	05:56	36m	06:33	13h 48m	20:21	36m	20:57	40m	21:38	46m	22:25	10h 12m	6h 06m					Di, 26. Aug
Mi, 27. Aug	MESZ	22:22–04:33*	6h 11m	AN ₊ bis AN ₋		11:13	21:31	04:31	46m	05:17	40m	05:58	36m	06:34	13h 45m	20:19	35m	20:55	40m	21:36	45m	22:22	10h 16m	6h 11m					Mi, 27. Aug
Do, 28. Aug	MESZ	22:19–04:35*	6h 16m	AN ₊ bis AN ₋		12:23	21:46	04:33	45m	05:19	40m	06:00	35m	06:36	13h 41m	20:17	35m	20:53	40m	21:33	45m	22:19	10h 19m	6h 16m					Do, 28. Aug
Fr, 29. Aug	MESZ	22:16–04:37*	6h 21m	AN ₊ bis AN ₋		13:35	22:05	04:35	45m	05:21	40m	06:01	35m	06:37	13h 38m	20:15	35m	20:51	40m	21:31	45m	22:16	10h 23m	6h 21m					Fr, 29. Aug
Sa, 30. Aug	MESZ	22:31–04:40*																											

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

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