

Mond- und Dämmerungstabelle 2025

für die visuelle Deep-Sky-Beobachtung

Pfarrkirchen 48.4325° N 12.9380° 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		18:20–06:03*	11h 43m	AN ₊ bis AN ₋		09:36	17:50	06:03	37m	06:41	38m	07:20	38m	07:59	8h 25m	16:24	38m	17:03	38m	17:42	37m	18:20	15h 34m	11h 43m				Mi, 1. Jan
Do, 2. Jan		19:12–06:03*	10h 51m	M _\ bis AN ₋		10:04	19:12	06:03	37m	06:41	38m	07:20	38m	07:59	8h 26m	16:25	38m	17:04	38m	17:43	37m	18:21	15h 33m	11h 42m				Do, 2. Jan
Fr, 3. Jan		20:34–06:03*	9h 29m	M _\ bis AN ₋		10:26	20:34	06:03	37m	06:41	38m	07:20	38m	07:59	8h 27m	16:26	38m	17:05	38m	17:44	37m	18:22	15h 32m	11h 41m				Fr, 3. Jan
Sa, 4. Jan		21:55–06:03*	8h 08m	M _\ bis AN ₋		10:44	21:55	06:03	37m	06:41	38m	07:20	38m	07:59	8h 28m	16:27	38m	17:06	38m	17:45	37m	18:22	15h 31m	11h 40m				Sa, 4. Jan
So, 5. Jan		23:15–06:03*	6h 48m	M _\ bis AN ₋		11:00	23:15	06:03	37m	06:41	38m	07:20	38m	07:58	8h 29m	16:28	38m	17:07	38m	17:46	37m	18:23	15h 29m	11h 39m				So, 5. Jan
Mo, 6. Jan		00:35*–06:03*	5h 27m	M _\ bis AN ₋		11:16	—:—	06:03	37m	06:41	38m	07:20	38m	07:58	8h 31m	16:29	38m	17:08	38m	17:47	37m	18:24	15h 28m	11h 38m				Mo, 6. Jan
Di, 7. Jan		01:58*–06:03*	4h 05m	M _\ bis AN ₋	☾	11:32	00:35	06:03	37m	06:41	38m	07:20	38m	07:58	8h 32m	16:31	38m	17:09	38m	17:48	37m	18:25	15h 26m	11h 37m				Di, 7. Jan
Mi, 8. Jan		03:22*–06:03*	2h 40m	M _\ bis AN ₋		11:52	01:58	06:03	37m	06:41	38m	07:19	38m	07:58	8h 34m	16:32	38m	17:10	38m	17:49	37m	18:26	15h 25m	11h 36m				Mi, 8. Jan
Do, 9. Jan		04:47*–06:03*	1h 15m	M _\ bis AN ₋		12:16	03:22	06:03	37m	06:40	38m	07:19	38m	07:57	8h 35m	16:33	38m	17:11	38m	17:50	37m	18:27	15h 23m	11h 35m				Do, 9. Jan
Fr, 10. Jan		—:—:—:—	–	Mond stört		12:49	04:47	06:03	37m	06:40	38m	07:19	38m	07:57	8h 37m	16:34	38m	17:12	38m	17:51	37m	18:29	15h 21m	11h 33m				Fr, 10. Jan
Sa, 11. Jan		—:—:—:—	–	Mond stört		13:34	06:07	06:02	37m	06:40	38m	07:18	37m	07:56	8h 39m	16:36	37m	17:14	38m	17:52	37m	18:30	15h 20m	11h 32m				Sa, 11. Jan
So, 12. Jan		—:—:~:~:~	–	Mond stört		14:33	07:15	06:02	37m	06:39	38m	07:18	37m	07:56	8h 41m	16:37	37m	17:15	38m	17:53	37m	18:31	15h 18m	11h 30m				So, 12. Jan
Mo, 13. Jan		—:~:~:~:~	–	Mond stört	☾	15:45	08:07	06:02	37m	06:39	38m	07:17	37m	07:55	8h 43m	16:38	37m	17:16	38m	17:54	37m	18:32	15h 16m	11h 29m				Mo, 13. Jan
Di, 14. Jan		—:~:~:~:~	–	Mond stört		17:03	08:45	06:01	37m	06:39	38m	07:17	37m	07:54	8h 45m	16:40	37m	17:17	38m	17:56	37m	18:33	15h 14m	11h 27m				Di, 14. Jan
Mi, 15. Jan		—:~:~:~:~	–	Mond stört		18:21	09:12	06:01	37m	06:38	38m	07:16	37m	07:54	8h 47m	16:41	37m	17:19	38m	17:57	37m	18:34	15h 11m	11h 25m				Mi, 15. Jan
Do, 16. Jan		18:35–19:36	1h 00m	AN ₊ bis M _\		19:36	09:32	06:00	37m	06:38	38m	07:16	37m	07:53	8h 49m	16:42	37m	17:20	38m	17:58	37m	18:35	15h 09m	11h 24m				Do, 16. Jan
Fr, 17. Jan		18:37–20:47	2h 10m	AN ₊ bis M _\		20:47	09:48	06:00	37m	06:37	37m	07:15	37m	07:52	8h 51m	16:44	37m	17:21	37m	17:59	37m	18:37	15h 07m	11h 22m				Fr, 17. Jan
Sa, 18. Jan		18:38–21:55	3h 17m	AN ₊ bis M _\		21:55	10:02	05:59	37m	06:36	37m	07:14	37m	07:51	8h 53m	16:45	37m	17:23	37m	18:01	37m	18:38	15h 05m	11h 20m				Sa, 18. Jan
So, 19. Jan		18:39–23:02	4h 23m	AN ₊ bis M _\		23:02	10:15	05:58	37m	06:36	37m	07:14	37m	07:51	8h 56m	16:47	37m	17:24	37m	18:02	37m	18:39	15h 02m	11h 18m				So, 19. Jan
Mo, 20. Jan		18:40–00:09*	5h 29m	AN ₊ bis M _\		—:—	10:27	05:58	37m	06:35	37m	07:13	37m	07:50	8h 58m	16:48	37m	17:25	37m	18:03	37m	18:40	15h 00m	11h 16m				Mo, 20. Jan
Di, 21. Jan		18:42–01:17*	6h 35m	AN ₊ bis M _\	☾	00:09	10:41	05:57	37m	06:34	37m	07:12	36m	07:49	9h 01m	16:50	36m	17:27	37m	18:04	37m	18:42	14h 58m	11h 14m				Di, 21. Jan
Mi, 22. Jan		18:43–02:27*	7h 44m	AN ₊ bis M _\		01:17	10:57	05:56	37m	06:33	37m	07:11	36m	07:48	9h 03m	16:51	36m	17:28	37m	18:06	37m	18:43	14h 55m	11h 12m				Mi, 22. Jan
Do, 23. Jan		18:44–03:39*	8h 54m	AN ₊ bis M _\		02:27	11:17	05:56	37m	06:33	37m	07:10	36m	07:47	9h 06m	16:53	36m	17:30	37m	18:07	37m	18:44	14h 52m	11h 10m				Do, 23. Jan
Fr, 24. Jan		18:45–04:49*	10h 03m	AN ₊ bis M _\		03:39	11:43	05:55	36m	06:32	37m	07:09	36m	07:46	9h 08m	16:54	36m	17:31	37m	18:08	36m	18:45	14h 50m	11h 08m				Fr, 24. Jan
Sa, 25. Jan		18:47–05:53*	11h 06m	AN ₊ bis AN ₋		04:49	12:19	05:54	36m	06:31	37m	07:08	36m	07:45	9h 11m	16:56	36m	17:32	37m	18:10	36m	18:47	14h 47m	11h 06m				Sa, 25. Jan
So, 26. Jan		18:48–05:52*	11h 04m	AN ₊ bis AN ₋		05:54	13:08	05:53	36m	06:30	37m	07:07	36m	07:44	9h 14m	16:58	36m	17:34	37m	18:11	36m	18:48	14h 44m	11h 04m				So, 26. Jan
Mo, 27. Jan		18:49–05:51*	11h 01m	AN ₊ bis AN ₋		06:50	14:11	05:52	36m	06:29	37m	07:06	36m	07:42	9h 16m	16:59	36m	17:35	37m	18:13	36m	18:49	14h 42m	11h 01m				Mo, 27. Jan
Di, 28. Jan		18:51–05:50*	10h 59m	AN ₊ bis AN ₋		07:33	15:27	05:51	36m	06:28	37m	07:05	36m	07:41	9h 19m	17:01	36m	17:37	37m	18:14	36m	18:51	14h 39m	10h 59m				Di, 28. Jan
Mi, 29. Jan		18:52–05:49*	10h 57m	AN ₊ bis AN ₋	☾	08:05	16:50	05:50	36m	06:27	37m	07:04	35m	07:40	9h 22m	17:02	35m	17:38	37m	18:15	36m	18:52	14h 36m	10h 57m				Mi, 29. Jan
Do, 30. Jan		18:53–05:48*	10h 54m	AN ₊ bis AN ₋		08:30	18:15	05:49	36m	06:26	36m	07:03	35m	07:39	9h 25m	17:04	35m	17:40	36m	18:17	36m	18:53	14h 33m	10h 54m				Do, 30. Jan
Fr, 31. Jan		19:38–05:47*	10h 08m	M _\ bis AN ₋		08:49	19:38	05:48	36m	06:25	36m	07:02	35m	07:37	9h 28m	17:06	35m	17:41	36m	18:18	36m	18:55	14h 30m	10h 52m				Fr, 31. Jan
Sa, 1. Feb		21:01–05:46*	8h 44m	M _\ bis AN ₋		09:06	21:01	05:47	36m	06:24	36m	07:00	35m	07:36	9h 31m	17:07	35m	17:43	36m	18:20	36m	18:56	14h 27m	10h 49m				Sa, 1. Feb
So, 2. Feb		22:23–05:45*	7h 21m	M _\ bis AN ₋		09:22	22:23	05:46	36m	06:22	36m	06:59	35m	07:35	9h 34m	17:09	35m	17:44	36m	18:21	36m	18:58	14h 24m	10h 47m				So, 2. Feb
Mo, 3. Feb		23:46–05:44*	5h 57m	M _\ bis AN ₋		09:38	23:46	05:45	36m	06:21	36m	06:58	35m	07:33	9h 37m	17:10	35m	17:46	36m	18:23	36m	18:59	14h 21m	10h 44m				Mo, 3. Feb
Di, 4. Feb		01:11*–05:42*	4h 31m	M _\ bis AN ₋		09:57	—:—	05:44	36m	06:20	36m	06:57	35m	07:32	9h 40m	17:12	35m	17:47	36m	18:24	36m	19:00	14h 18m	10h 41m				Di, 4. Feb
Mi, 5. Feb		02:35*–05:41*	3h 06m	M _\ bis AN ₋	☾	10:19	01:11	05:42	36m	06:19	36m	06:55	35m	07:30	9h 43m	17:14	35m	17:49	36m	18:25	36m	19:02	14h 15m	10h 39m				Mi, 5. Feb
Do, 6. Feb		03:56*–05:40*	1h 44m	M _\ bis AN ₋		10:49	02:35	05:41	36m	06:17	36m	06:54	35m	07:29	9h 46m	17:15	35m	17:50	36m	18:27	36m	19:03	14h 12m	10h 36m				Do, 6. Feb
Fr, 7. Feb		05:06*–05:38*	31m	M _\ bis AN ₋		11:29	03:56	05:40	36m	06:16	36m	06:52	34m	07:27	9h 49m	17:17	35m	17:52	36m	18:28	36m	19:05	14h 09m	10h 33m				Fr, 7. Feb
Sa, 8. Feb		—:~:~:~:~	–	Mond stört		12:22	05:06	05:38	36m	06:15	36m	06:51	34m	07:26	9h 52m	17:19	34m	17:53	36m	18:30	36m	19:06	14h 05m	10h 30m				Sa, 8. Feb
So, 9. Feb		—:~:~:~:~	–	Mond stört		13:29	06:03	05:37	36m	06:13	36m	06:50	34m	07:24	9h 55m	17:20	34m	17:55	36m	18:31	36m	19:08	14h 02m	10h 28m				So, 9. Feb
Mo, 10. Feb		—:~:~:~:~	–	Mond stört		14:44	06:44	05:36	36m	06:12	36m	06:48	34m	07:23	9h 59m	17:22	34m	17:57	36m	18:33	36m	19:09	13h 59m	10h 25m				Mo, 10. Feb
Di, 11. Feb		—:~:~:~:~	–	Mond stört		16:01	07:14	05:34	36m	06:10	36m	06:47	34m	07:21	10h 02m	17:23	34m	17:58	36m	18:34	36m	19:10	13h 56m	10h 22m				Di, 11. Feb
Mi, 12. Feb		—:~:~:~:~	–	Mond stört	☾	17:17	07:36	05:33	36m	06:09	36m	06:45	34m	07:20	10h 05m	17:25	34m	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		19:24–02:32*	7h 08m	AN ₊ bis M ₇	☾	01:22	09:42	05:20	36m	05:56	35m	06:32	33m	07:06	10h 32m	17:38	33m	18:12	35m	18:48	36m	19:24	13h 25m	9h 54m					Do, 20. Feb
Fr, 21. Feb		19:25–03:39*	8h 13m	AN ₊ bis M ₇		02:32	10:13	05:18	36m	05:54	35m	06:30	33m	07:04	10h 35m	17:40	33m	18:13	35m	18:49	36m	19:25	13h 22m	9h 51m					Fr, 21. Feb
Sa, 22. Feb		19:27–04:38*	9h 11m	AN ₊ bis M ₇		03:39	10:55	05:16	36m	05:53	35m	06:28	33m	07:02	10h 39m	17:41	33m	18:15	35m	18:51	36m	19:27	13h 18m	9h 47m					Sa, 22. Feb
So, 23. Feb		19:28–05:13*	9h 44m	AN ₊ bis AN ₋		04:38	11:50	05:15	36m	05:51	35m	06:26	33m	07:00	10h 42m	17:43	33m	18:16	35m	18:52	36m	19:28	13h 15m	9h 44m					So, 23. Feb
Mo, 24. Feb		19:30–05:11*	9h 41m	AN ₊ bis AN ₋		05:26	13:00	05:13	36m	05:49	35m	06:25	33m	06:58	10h 46m	17:44	33m	18:18	35m	18:54	36m	19:30	13h 12m	9h 41m					Mo, 24. Feb
Di, 25. Feb		19:31–05:09*	9h 37m	AN ₊ bis AN ₋		06:03	14:20	05:11	36m	05:47	35m	06:23	33m	06:56	10h 49m	17:46	33m	18:19	35m	18:55	36m	19:31	13h 08m	9h 37m					Di, 25. Feb
Mi, 26. Feb		19:33–05:07*	9h 34m	AN ₊ bis AN ₋		06:30	15:44	05:09	36m	05:45	35m	06:21	33m	06:54	10h 52m	17:47	33m	18:21	35m	18:57	36m	19:33	13h 05m	9h 34m					Mi, 26. Feb
Do, 27. Feb		19:34–05:05*	9h 30m	AN ₊ bis AN ₋		06:52	17:10	05:07	36m	05:44	35m	06:19	33m	06:53	10h 56m	17:49	33m	18:23	35m	18:58	36m	19:34	13h 01m	9h 30m					Do, 27. Feb
Fr, 28. Feb		19:36–05:04*	9h 27m	AN ₊ bis AN ₋	☉	07:10	18:35	05:05	36m	05:42	35m	06:17	33m	06:51	10h 59m	17:51	33m	18:24	35m	19:00	36m	19:36	12h 58m	9h 27m					Fr, 28. Feb
Sa, 1. Mär		20:01–05:02*	9h 00m	M _\ bis AN ₋		07:27	20:01	05:04	36m	05:40	35m	06:15	33m	06:49	11h 03m	17:52	33m	18:26	35m	19:01	36m	19:38	12h 54m	9h 24m					Sa, 1. Mär
So, 2. Mär		21:26–05:00*	7h 33m	M _\ bis AN ₋		07:43	21:26	05:02	36m	05:38	35m	06:13	33m	06:47	11h 06m	17:54	33m	18:27	35m	19:03	36m	19:39	12h 51m	9h 20m					So, 2. Mär
Mo, 3. Mär		22:53–04:58*	6h 04m	M _\ bis AN ₋		08:01	22:53	05:00	36m	05:36	35m	06:11	33m	06:45	11h 10m	17:55	33m	18:29	35m	19:04	36m	19:41	12h 47m	9h 16m					Mo, 3. Mär
Di, 4. Mär		00:21*–04:56*	4h 34m	M _\ bis AN ₋		08:23	—:—	04:58	36m	05:34	35m	06:10	33m	06:43	11h 14m	17:57	33m	18:30	35m	19:06	36m	19:42	12h 43m	9h 13m					Di, 4. Mär
Mi, 5. Mär		01:45*–04:54*	3h 08m	M _\ bis AN ₋		08:50	00:21	04:56	36m	05:32	35m	06:08	33m	06:41	11h 17m	17:58	33m	18:32	35m	19:07	36m	19:44	12h 40m	9h 09m					Mi, 5. Mär
Do, 6. Mär		03:00*–04:51*	1h 51m	M _\ bis AN ₋	☾	09:27	01:45	04:54	36m	05:30	35m	06:06	33m	06:39	11h 21m	18:00	33m	18:33	35m	19:09	36m	19:45	12h 36m	9h 06m					Do, 6. Mär
Fr, 7. Mär		04:01*–04:49*	48m	M _\ bis AN ₋		10:16	03:00	04:51	36m	05:28	35m	06:04	33m	06:37	11h 24m	18:01	33m	18:35	35m	19:10	36m	19:47	12h 33m	9h 02m					Fr, 7. Mär
Sa, 8. Mär		04:46*–04:47*	1m	M _\ bis AN ₋		11:19	04:01	04:49	36m	05:26	35m	06:02	33m	06:35	11h 28m	18:03	33m	18:36	35m	19:12	36m	19:49	12h 29m	8h 58m					Sa, 8. Mär
So, 9. Mär		—:—:—:—	–	Mond stört		12:32	04:46	04:47	36m	05:24	35m	06:00	33m	06:33	11h 31m	18:04	33m	18:38	35m	19:13	36m	19:50	12h 26m	8h 54m					So, 9. Mär
Mo, 10. Mär		—:—:—:—	–	Mond stört		13:48	05:19	04:45	36m	05:22	35m	05:58	33m	06:31	11h 35m	18:06	33m	18:39	35m	19:15	37m	19:52	12h 22m	8h 51m					Mo, 10. Mär
Di, 11. Mär		—:—:~:~:~	–	Mond stört		15:03	05:42	04:43	36m	05:20	35m	05:56	33m	06:29	11h 38m	18:08	33m	18:41	35m	19:16	37m	19:54	12h 19m	8h 47m					Di, 11. Mär
Mi, 12. Mär		—:~:~:~:~	–	Mond stört		16:16	06:01	04:41	37m	05:18	35m	05:54	33m	06:27	11h 42m	18:09	33m	18:42	35m	19:18	37m	19:55	12h 15m	8h 43m					Mi, 12. Mär
Do, 13. Mär		—:~:~:~:~	–	Mond stört		17:26	06:15	04:39	37m	05:16	35m	05:52	33m	06:25	11h 45m	18:11	33m	18:44	35m	19:19	37m	19:57	12h 12m	8h 39m					Do, 13. Mär
Fr, 14. Mär		—:~:~:~:~	–	Mond stört	☉	18:34	06:29	04:36	37m	05:14	35m	05:49	33m	06:23	11h 49m	18:12	33m	18:45	35m	19:21	37m	19:58	12h 08m	8h 35m					Fr, 14. Mär
Sa, 15. Mär		—:~:~:~:~	–	Mond stört		19:42	06:41	04:34	37m	05:12	35m	05:47	33m	06:20	11h 53m	18:14	33m	18:47	35m	19:23	37m	20:00	12h 04m	8h 31m					Sa, 15. Mär
So, 16. Mär		20:02–20:49	47m	AN ₊ bis M ₇		20:49	06:54	04:32	37m	05:10	35m	05:45	33m	06:18	11h 56m	18:15	33m	18:48	35m	19:24	37m	20:02	12h 01m	8h 27m					So, 16. Mär
Mo, 17. Mär		20:03–21:58	1h 54m	AN ₊ bis M ₇		21:58	07:08	04:30	37m	05:07	35m	05:43	33m	06:16	12h 00m	18:17	33m	18:50	35m	19:26	37m	20:03	11h 57m	8h 24m					Mo, 17. Mär
Di, 18. Mär		20:05–23:08	3h 02m	AN ₊ bis M ₇		23:08	07:24	04:28	37m	05:05	35m	05:41	33m	06:14	12h 03m	18:18	33m	18:51	36m	19:27	37m	20:05	11h 54m	8h 20m					Di, 18. Mär
Mi, 19. Mär		20:07–00:18*	4h 11m	AN ₊ bis M ₇		—:—	07:45	04:25	37m	05:03	35m	05:39	33m	06:12	12h 07m	18:20	33m	18:53	36m	19:29	38m	20:07	11h 50m	8h 16m					Mi, 19. Mär
Do, 20. Mär		20:09–01:26*	5h 17m	AN ₊ bis M ₇		00:18	08:12	04:23	37m	05:01	36m	05:37	33m	06:10	12h 10m	18:21	33m	18:54	36m	19:30	38m	20:09	11h 47m	8h 11m					Do, 20. Mär
Fr, 21. Mär		20:10–02:27*	6h 16m	AN ₊ bis M ₇		01:26	08:48	04:21	38m	04:59	36m	05:35	33m	06:08	12h 14m	18:22	33m	18:56	36m	19:32	38m	20:10	11h 43m	8h 07m					Fr, 21. Mär
Sa, 22. Mär		20:12–03:19*	7h 06m	AN ₊ bis M ₇	☾	02:27	09:37	04:18	38m	04:57	36m	05:33	33m	06:06	12h 17m	18:24	33m	18:57	36m	19:34	38m	20:12	11h 39m	8h 03m					Sa, 22. Mär
So, 23. Mär		20:14–03:59*	7h 45m	AN ₊ bis M ₇		03:19	10:39	04:16	38m	04:54	36m	05:31	33m	06:04	12h 21m	18:25	33m	18:59	36m	19:35	38m	20:14	11h 36m	7h 59m					So, 23. Mär
Mo, 24. Mär		20:16–04:11*	7h 55m	AN ₊ bis AN ₋		03:59	11:53	04:14	38m	04:52	36m	05:29	33m	06:02	12h 25m	18:27	33m	19:00	36m	19:37	38m	20:16	11h 32m	7h 55m					Mo, 24. Mär
Di, 25. Mär		20:17–04:09*	7h 51m	AN ₊ bis AN ₋		04:30	13:14	04:11	38m	04:50	36m	05:26	33m	06:00	12h 28m	18:28	33m	19:02	36m	19:38	38m	20:17	11h 29m	7h 51m					Di, 25. Mär
Mi, 26. Mär		20:19–04:06*	7h 47m	AN ₊ bis AN ₋		04:54	14:37	04:09	38m	04:48	36m	05:24	33m	05:58	12h 32m	18:30	33m	19:03	36m	19:40	39m	20:19	11h 25m	7h 47m					Mi, 26. Mär
Do, 27. Mär		20:21–04:04*	7h 42m	AN ₊ bis AN ₋		05:13	16:02	04:06	39m	04:45	36m	05:22	33m	05:56	12h 35m	18:31	33m	19:05	36m	19:42	39m	20:21	11h 22m	7h 42m					Do, 27. Mär
Fr, 28. Mär		20:23–04:02*	7h 38m	AN ₊ bis AN ₋		05:30	17:28	04:04	39m	04:43	36m	05:20	33m	05:54	12h 39m	18:33	33m	19:06	36m	19:43	39m	20:23	11h 18m	7h 38m					Fr, 28. Mär
Sa, 29. Mär		20:25–03:59*	7h 34m	AN ₊ bis AN ₋	☉	05:47	18:55	04:02	39m	04:41	36m	05:18	33m	05:51	12h 42m	18:34	33m	19:08	37m	19:45	39m	20:25	11h 15m	7h 34m					Sa, 29. Mär
So, 30. Mär	MESZ	21:27–04:57*	7h 29m	AN ₊ bis AN ₋		07:04	21:24	04:59	39m	05:39	37m	06:16	33m	06:49	12h 46m	19:36	33m	20:10	37m	20:47	39m	21:27	11h 11m	7h 29m					So, 30. Mär
Mo, 31. Mär	MESZ	22:54–04:54*	5h 59m	M _\ bis AN ₋		07:24	22:54	04:57	39m	05:37	37m	06:14	33m	06:47	12h 49m	19:37	33m	20:11	37m	20:48	40m	21:29	11h 07m	7h 25m					Mo, 31. Mär
Di, 1. Apr	MESZ	00:24*–04:52*	4h 27m	M _\ bis AN ₋		07:50	—:—	04:54	40m	05:34	37m	06:12	33m	06:45	12h 53m	19:39	33m	20:13	37m	20:50	40m	21:30	11h 04m	7h 21m					Di, 1. Apr
Mi, 2. Apr	MESZ	01:46*–04:49*	3h 02m	M _\ bis AN ₋		08:24	00:24	04:52	40m	05:32	37m	06:09	33m	06:43	12h 56m	19:40	33m	20:14	37m										

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

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

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

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

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

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