

Mond- und Dämmerungstabelle 2025

für die visuelle Deep-Sky-Beobachtung

Bochum 51.4825° N 7.2169° E

Berechnung: pyEphem
Textsatz: L^AT_EX

Atmosphären-Einstellungen in pyEphem

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

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

Spalte 1 Kalendertag.

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

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

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

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

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

Spalte 6 Mondphase.

Spalte 7 Mondaufgang.

Spalte 8 Monduntergang.

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

Spalte 10 Dauer der astr. Morgendämmerung.

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

Spalte 12 Dauer der naut. Morgendämmerung.

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

Spalte 14 Dauer der bürg. Morgendämmerung.

Spalte 15 Sonnenaufgang.

Spalte 16 Taglänge.

Spalte 17 Sonnenuntergang.

Spalte 18 Dauer der bürg. Abenddämmerung.

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

Spalte 20 Dauer der naut. Abenddämmerung.

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

Spalte 22 Dauer der astr. Abenddämmerung.

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

Spalte 24 Länge der Nacht.

Spalte 25 Länge der astr. Nacht.

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

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

Spalte 27 Dauer der in Spalte 26 angegebenen Zeitspanne.

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

Spalte 29 Identisch zu Spalte 1.

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

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

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

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

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

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

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

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