

Mond- und Dämmerungstabelle 2025

für die visuelle Deep-Sky-Beobachtung

Korbach 51.2735° N 8.8723° 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		18:32–06:24*	11h 52m	AN ₊ bis AN ₋		10:08	17:53	06:24	40m	07:04	41m	07:46	41m	08:28	7h 59m	16:28	41m	17:10	41m	17:51	40m	18:32	16h 00m	11h 52m					Mi, 1. Jan
Do, 2. Jan		19:19–06:24*	11h 05m	M _\ bis AN ₋		10:33	19:19	06:24	40m	07:04	41m	07:46	41m	08:28	8h 00m	16:29	41m	17:11	41m	17:52	40m	18:32	15h 59m	11h 51m					Do, 2. Jan
Fr, 3. Jan		20:44–06:24*	9h 39m	M _\ bis AN ₋		10:51	20:44	06:24	40m	07:04	41m	07:46	41m	08:28	8h 02m	16:30	41m	17:12	41m	17:53	40m	18:33	15h 57m	11h 50m					Fr, 3. Jan
Sa, 4. Jan		22:09–06:24*	8h 15m	M _\ bis AN ₋		11:05	22:09	06:24	40m	07:04	41m	07:46	41m	08:27	8h 03m	16:31	41m	17:13	41m	17:54	40m	18:34	15h 56m	11h 49m					Sa, 4. Jan
So, 5. Jan		23:32–06:24*	6h 51m	M _\ bis AN ₋		11:18	23:32	06:24	40m	07:04	41m	07:46	41m	08:27	8h 04m	16:32	41m	17:14	41m	17:55	40m	18:35	15h 54m	11h 48m					So, 5. Jan
Mo, 6. Jan		00:57*–06:24*	5h 26m	M _\ bis AN ₋		11:30	—:—	06:24	40m	07:04	41m	07:45	41m	08:27	8h 06m	16:33	41m	17:15	41m	17:56	40m	18:36	15h 53m	11h 47m					Mo, 6. Jan
Di, 7. Jan		02:23*–06:23*	4h 00m	M _\ bis AN ₋	☾	11:43	00:57	06:24	40m	07:04	41m	07:45	41m	08:26	8h 08m	16:35	41m	17:16	41m	17:57	40m	18:38	15h 51m	11h 45m					Di, 7. Jan
Mi, 8. Jan		03:51*–06:23*	2h 31m	M _\ bis AN ₋		11:59	02:23	06:23	40m	07:03	41m	07:45	41m	08:26	8h 09m	16:36	41m	17:17	41m	17:59	40m	18:39	15h 49m	11h 44m					Mi, 8. Jan
Do, 9. Jan		05:20*–06:23*	1h 02m	M _\ bis AN ₋		12:20	03:51	06:23	40m	07:03	41m	07:44	41m	08:25	8h 11m	16:37	41m	17:19	41m	18:00	40m	18:40	15h 47m	11h 42m					Do, 9. Jan
Fr, 10. Jan		—:—:—:—	–	Mond stört		12:49	05:20	06:23	39m	07:03	41m	07:44	41m	08:25	8h 13m	16:39	41m	17:20	41m	18:01	39m	18:41	15h 45m	11h 41m					Fr, 10. Jan
Sa, 11. Jan		—:—:—:—	–	Mond stört		13:31	06:43	06:22	39m	07:02	41m	07:43	40m	08:24	8h 15m	16:40	41m	17:21	41m	18:02	39m	18:42	15h 43m	11h 39m					Sa, 11. Jan
So, 12. Jan		—:—:~:~	–	Mond stört		14:30	07:52	06:22	39m	07:02	40m	07:43	40m	08:24	8h 17m	16:42	40m	17:22	40m	18:03	39m	18:43	15h 41m	11h 38m					So, 12. Jan
Mo, 13. Jan		—:~:~:~	–	Mond stört	☾	15:44	08:42	06:21	39m	07:01	40m	07:42	40m	08:23	8h 20m	16:43	40m	17:24	40m	18:05	39m	18:44	15h 39m	11h 36m					Mo, 13. Jan
Di, 14. Jan		—:~:~:~	–	Mond stört		17:06	09:17	06:21	39m	07:01	40m	07:42	40m	08:22	8h 22m	16:45	40m	17:25	40m	18:06	39m	18:46	15h 36m	11h 34m					Di, 14. Jan
Mi, 15. Jan		—:~:~:~	–	Mond stört		18:27	09:40	06:20	39m	07:00	40m	07:41	40m	08:21	8h 24m	16:46	40m	17:27	40m	18:07	39m	18:47	15h 34m	11h 32m					Mi, 15. Jan
Do, 16. Jan		18:48–19:46	57m	AN ₊ bis M _\		19:46	09:57	06:20	39m	07:00	40m	07:40	40m	08:20	8h 27m	16:48	40m	17:28	40m	18:09	39m	18:48	15h 31m	11h 30m					Do, 16. Jan
Fr, 17. Jan		18:50–21:00	2h 10m	AN ₊ bis M _\		21:00	10:10	06:19	39m	06:59	40m	07:39	40m	08:20	8h 29m	16:49	40m	17:29	40m	18:10	39m	18:50	15h 29m	11h 29m					Fr, 17. Jan
Sa, 18. Jan		18:51–22:12	3h 20m	AN ₊ bis M _\		22:12	10:21	06:19	39m	06:58	40m	07:39	40m	08:19	8h 32m	16:51	40m	17:31	40m	18:11	39m	18:51	15h 26m	11h 26m					Sa, 18. Jan
So, 19. Jan		18:52–23:22	4h 29m	AN ₊ bis M _\		23:22	10:31	06:18	39m	06:57	40m	07:38	39m	08:18	8h 34m	16:52	39m	17:32	40m	18:13	39m	18:52	15h 24m	11h 24m					So, 19. Jan
Mo, 20. Jan		18:54–00:32*	5h 38m	AN ₊ bis M _\		—:—	10:40	06:17	39m	06:57	40m	07:37	39m	08:17	8h 37m	16:54	39m	17:34	40m	18:14	39m	18:54	15h 21m	11h 22m					Mo, 20. Jan
Di, 21. Jan		18:55–01:43*	6h 48m	AN ₊ bis M _\	☾	00:32	10:51	06:16	39m	06:56	40m	07:36	39m	08:15	8h 40m	16:56	39m	17:35	40m	18:16	39m	18:55	15h 18m	11h 20m					Di, 21. Jan
Mi, 22. Jan		18:56–02:56*	8h 00m	AN ₊ bis M _\		01:43	11:04	06:15	39m	06:55	40m	07:35	39m	08:14	8h 43m	16:57	39m	17:37	40m	18:17	39m	18:56	15h 15m	11h 18m					Mi, 22. Jan
Do, 23. Jan		18:58–04:11*	9h 13m	AN ₊ bis M _\		02:56	11:21	06:15	39m	06:54	39m	07:34	39m	08:13	8h 45m	16:59	39m	17:39	39m	18:18	39m	18:58	15h 12m	11h 15m					Do, 23. Jan
Fr, 24. Jan		18:59–05:25*	10h 25m	AN ₊ bis M _\		04:11	11:44	06:14	39m	06:53	39m	07:33	39m	08:12	8h 48m	17:01	39m	17:40	39m	18:20	39m	18:59	15h 09m	11h 13m					Fr, 24. Jan
Sa, 25. Jan		19:01–06:12*	11h 11m	AN ₊ bis AN ₋		05:25	12:17	06:13	39m	06:52	39m	07:32	39m	08:11	8h 51m	17:03	39m	17:42	39m	18:21	39m	19:01	15h 06m	11h 11m					Sa, 25. Jan
So, 26. Jan		19:02–06:11*	11h 08m	AN ₊ bis AN ₋		06:32	13:04	06:12	39m	06:51	39m	07:30	38m	08:09	8h 54m	17:04	38m	17:43	39m	18:23	39m	19:02	15h 03m	11h 08m					So, 26. Jan
Mo, 27. Jan		19:04–06:10*	11h 06m	AN ₊ bis AN ₋		07:26	14:09	06:11	39m	06:50	39m	07:29	38m	08:08	8h 58m	17:06	38m	17:45	39m	18:24	39m	19:04	15h 00m	11h 06m					Mo, 27. Jan
Di, 28. Jan		19:05–06:08*	11h 03m	AN ₊ bis AN ₋		08:06	15:28	06:10	38m	06:49	39m	07:28	38m	08:07	9h 01m	17:08	38m	17:47	39m	18:26	39m	19:05	14h 57m	11h 03m					Di, 28. Jan
Mi, 29. Jan		19:07–06:07*	11h 00m	AN ₊ bis AN ₋	☾	08:35	16:55	06:08	38m	06:47	39m	07:27	38m	08:05	9h 04m	17:10	38m	17:48	39m	18:28	38m	19:07	14h 54m	11h 00m					Mi, 29. Jan
Do, 30. Jan		19:08–06:06*	10h 58m	AN ₊ bis AN ₋		08:56	18:24	06:07	38m	06:46	39m	07:25	38m	08:04	9h 07m	17:11	38m	17:50	39m	18:29	38m	19:08	14h 50m	10h 58m					Do, 30. Jan
Fr, 31. Jan		19:51–06:05*	10h 13m	M _\ bis AN ₋		09:12	19:51	06:06	38m	06:45	39m	07:24	38m	08:02	9h 10m	17:13	38m	17:51	39m	18:31	38m	19:10	14h 47m	10h 55m					Fr, 31. Jan
Sa, 1. Feb		21:17–06:04*	8h 46m	M _\ bis AN ₋		09:25	21:17	06:05	38m	06:44	39m	07:23	38m	08:01	9h 14m	17:15	38m	17:53	39m	18:32	38m	19:11	14h 44m	10h 52m					Sa, 1. Feb
So, 2. Feb		22:43–06:02*	7h 18m	M _\ bis AN ₋		09:37	22:43	06:04	38m	06:42	38m	07:21	37m	07:59	9h 17m	17:17	38m	17:55	39m	18:34	38m	19:13	14h 40m	10h 49m					So, 2. Feb
Mo, 3. Feb		00:10*–06:01*	5h 50m	M _\ bis AN ₋		09:50	—:—	06:02	38m	06:41	38m	07:20	37m	07:58	9h 20m	17:19	37m	17:56	38m	18:35	38m	19:14	14h 37m	10h 46m					Mo, 3. Feb
Di, 4. Feb		01:39*–06:00*	4h 20m	M _\ bis AN ₋		10:05	00:10	06:01	38m	06:40	38m	07:18	37m	07:56	9h 24m	17:20	37m	17:58	38m	18:37	38m	19:16	14h 34m	10h 43m					Di, 4. Feb
Mi, 5. Feb		03:07*–05:58*	2h 50m	M _\ bis AN ₋	☾	10:24	01:39	06:00	38m	06:38	38m	07:17	37m	07:54	9h 27m	17:22	37m	18:00	38m	18:39	38m	19:17	14h 30m	10h 40m					Mi, 5. Feb
Do, 6. Feb		04:31*–05:57*	1h 25m	M _\ bis AN ₋		10:50	03:07	05:58	38m	06:37	38m	07:15	37m	07:53	9h 31m	17:24	37m	18:02	38m	18:40	38m	19:19	14h 27m	10h 37m					Do, 6. Feb
Fr, 7. Feb		05:44*–05:55*	11m	M _\ bis AN ₋		11:27	04:31	05:57	38m	06:35	38m	07:14	37m	07:51	9h 34m	17:26	37m	18:03	38m	18:42	38m	19:20	14h 23m	10h 34m					Fr, 7. Feb
Sa, 8. Feb		—:~:~:~	–	Mond stört		12:19	05:44	05:55	38m	06:34	38m	07:12	37m	07:49	9h 38m	17:28	37m	18:05	38m	18:43	38m	19:22	14h 20m	10h 31m					Sa, 8. Feb
So, 9. Feb		—:~:~:~	–	Mond stört		13:27	06:39	05:54	38m	06:32	38m	07:11	37m	07:48	9h 41m	17:29	37m	18:07	38m	18:45	38m	19:24	14h 16m	10h 28m					So, 9. Feb
Mo, 10. Feb		—:~:~:~	–	Mond stört		14:45	07:17	05:52	38m	06:31	38m	07:09	36m	07:46	9h 45m	17:31	37m	18:08	38m	18:47	38m	19:25	14h 12m	10h 25m					Mo, 10. Feb
Di, 11. Feb		—:~:~:~	–	Mond stört		16:06	07:44	05:51	38m	06:29	38m	07:07	36m	07:44	9h 48m	17:33	36m	18:10	38m	18:48	38m	19:27	14h 09m	10h 22m					Di, 11. Feb
Mi, 12. Feb																													

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

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

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

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

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