

Mond- und Dämmerungstabelle 2025

für die visuelle Deep-Sky-Beobachtung

Béthune 50.5302° N 2.6408° 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		18:58–06:48*	11h 50m	AN ₊ bis AN ₋		10:29	18:23	06:48	39m	07:27	40m	08:08	41m	08:49	8h 06m	16:56	41m	17:37	40m	18:18	39m	18:58	15h 53m	11h 50m				Mi, 1. Jan
Do, 2. Jan		19:48–06:48*	10h 59m	M _\ bis AN ₋		10:55	19:48	06:48	39m	07:27	40m	08:08	40m	08:49	8h 07m	16:57	41m	17:38	40m	18:19	39m	18:59	15h 52m	11h 49m				Do, 2. Jan
Fr, 3. Jan		21:13–06:48*	9h 34m	M _\ bis AN ₋		11:14	21:13	06:48	39m	07:27	40m	08:08	40m	08:49	8h 09m	16:58	40m	17:39	40m	18:20	39m	19:00	15h 50m	11h 48m				Fr, 3. Jan
Sa, 4. Jan		22:36–06:48*	8h 11m	M _\ bis AN ₋		11:29	22:36	06:48	39m	07:27	40m	08:08	40m	08:49	8h 10m	16:59	40m	17:40	40m	18:21	39m	19:01	15h 49m	11h 47m				Sa, 4. Jan
So, 5. Jan		23:59–06:48*	6h 48m	M _\ bis AN ₋		11:43	23:59	06:48	39m	07:27	40m	08:08	40m	08:49	8h 11m	17:00	40m	17:41	40m	18:22	39m	19:02	15h 47m	11h 46m				So, 5. Jan
Mo, 6. Jan		01:22*–06:47*	5h 25m	M _\ bis AN ₋		11:56	—:—	06:48	39m	07:27	40m	08:08	40m	08:48	8h 13m	17:02	40m	17:42	40m	18:23	39m	19:03	15h 46m	11h 44m				Mo, 6. Jan
Di, 7. Jan		02:47*–06:47*	4h 00m	M _\ bis AN ₋	☾	12:10	01:22	06:47	39m	07:27	40m	08:07	40m	08:48	8h 14m	17:03	40m	17:44	40m	18:24	39m	19:04	15h 44m	11h 43m				Di, 7. Jan
Mi, 8. Jan		04:15*–06:47*	2h 32m	M _\ bis AN ₋		12:27	02:47	06:47	39m	07:27	40m	08:07	40m	08:48	8h 16m	17:04	40m	17:45	40m	18:25	39m	19:05	15h 42m	11h 42m				Mi, 8. Jan
Do, 9. Jan		05:42*–06:47*	1h 04m	M _\ bis AN ₋		12:49	04:15	06:47	39m	07:26	40m	08:07	40m	08:47	8h 18m	17:06	40m	17:46	40m	18:26	39m	19:06	15h 40m	11h 40m				Do, 9. Jan
Fr, 10. Jan		—:—:—:—	–	Mond stört		13:19	05:42	06:47	39m	07:26	40m	08:06	40m	08:47	8h 20m	17:07	40m	17:47	40m	18:28	39m	19:07	15h 39m	11h 39m				Fr, 10. Jan
Sa, 11. Jan		—:—:—:—	–	Mond stört		14:03	07:04	06:46	39m	07:26	40m	08:06	40m	08:46	8h 22m	17:08	40m	17:48	40m	18:29	39m	19:08	15h 36m	11h 37m				Sa, 11. Jan
So, 12. Jan		—:—:~:~:~	–	Mond stört		15:02	08:12	06:46	39m	07:25	40m	08:05	40m	08:45	8h 24m	17:10	40m	17:50	40m	18:30	39m	19:09	15h 34m	11h 36m				So, 12. Jan
Mo, 13. Jan		—:~:~:~:~	–	Mond stört	☾	16:16	09:03	06:45	39m	07:25	40m	08:05	39m	08:45	8h 26m	17:11	39m	17:51	40m	18:31	39m	19:10	15h 32m	11h 34m				Mo, 13. Jan
Di, 14. Jan		—:~:~:~:~	–	Mond stört		17:36	09:38	06:45	39m	07:24	40m	08:04	39m	08:44	8h 28m	17:13	39m	17:52	40m	18:32	39m	19:12	15h 30m	11h 32m				Di, 14. Jan
Mi, 15. Jan		—:~:~:~:~	–	Mond stört		18:56	10:02	06:44	39m	07:23	39m	08:03	39m	08:43	8h 31m	17:14	39m	17:54	39m	18:34	39m	19:13	15h 28m	11h 31m				Mi, 15. Jan
Do, 16. Jan		19:14–20:14	59m	AN ₊ bis M ₇		20:14	10:20	06:44	39m	07:23	39m	08:03	39m	08:42	8h 33m	17:16	39m	17:55	39m	18:35	39m	19:14	15h 25m	11h 29m				Do, 16. Jan
Fr, 17. Jan		19:15–21:27	2h 11m	AN ₊ bis M ₇		21:27	10:34	06:43	38m	07:22	39m	08:02	39m	08:41	8h 35m	17:17	39m	17:57	39m	18:36	38m	19:15	15h 23m	11h 27m				Fr, 17. Jan
Sa, 18. Jan		19:17–22:38	3h 21m	AN ₊ bis M ₇		22:38	10:45	06:43	38m	07:22	39m	08:01	39m	08:41	8h 38m	17:19	39m	17:58	39m	18:38	38m	19:17	15h 20m	11h 25m				Sa, 18. Jan
So, 19. Jan		19:18–23:47	4h 29m	AN ₊ bis M ₇		23:47	10:56	06:42	38m	07:21	39m	08:00	39m	08:40	8h 40m	17:20	39m	18:00	39m	18:39	38m	19:18	15h 18m	11h 23m				So, 19. Jan
Mo, 20. Jan		19:19–00:56*	5h 37m	AN ₊ bis M ₇		—:—	11:06	06:41	38m	07:20	39m	08:00	39m	08:39	8h 43m	17:22	39m	18:01	39m	18:41	38m	19:19	15h 15m	11h 21m				Mo, 20. Jan
Di, 21. Jan		19:21–02:07*	6h 46m	AN ₊ bis M ₇	☾	00:56	11:18	06:40	38m	07:19	39m	07:59	38m	08:38	8h 46m	17:24	38m	18:02	39m	18:42	38m	19:21	15h 12m	11h 18m				Di, 21. Jan
Mi, 22. Jan		19:22–03:19*	7h 57m	AN ₊ bis M ₇		02:07	11:32	06:40	38m	07:18	39m	07:58	38m	08:36	8h 48m	17:25	38m	18:04	39m	18:43	38m	19:22	15h 10m	11h 16m				Mi, 22. Jan
Do, 23. Jan		19:23–04:33*	9h 09m	AN ₊ bis M ₇		03:19	11:50	06:39	38m	07:17	39m	07:57	38m	08:35	8h 51m	17:27	38m	18:05	39m	18:45	38m	19:23	15h 07m	11h 14m				Do, 23. Jan
Fr, 24. Jan		19:25–05:46*	10h 21m	AN ₊ bis M ₇		04:33	12:14	06:38	38m	07:16	39m	07:56	38m	08:34	8h 54m	17:29	38m	18:07	39m	18:46	38m	19:25	15h 04m	11h 12m				Fr, 24. Jan
Sa, 25. Jan		19:26–06:36*	11h 09m	AN ₊ bis AN ₋		05:46	12:48	06:37	38m	07:15	39m	07:55	38m	08:33	8h 57m	17:30	38m	18:09	39m	18:48	38m	19:26	15h 01m	11h 09m				Sa, 25. Jan
So, 26. Jan		19:28–06:35*	11h 07m	AN ₊ bis AN ₋		06:52	13:36	06:36	38m	07:14	38m	07:53	38m	08:32	9h 00m	17:32	38m	18:10	38m	18:49	38m	19:28	14h 58m	11h 07m				So, 26. Jan
Mo, 27. Jan		19:29–06:34*	11h 04m	AN ₊ bis AN ₋		07:46	14:41	06:35	38m	07:13	38m	07:52	38m	08:30	9h 03m	17:34	38m	18:12	38m	18:51	38m	19:29	14h 55m	11h 04m				Mo, 27. Jan
Di, 28. Jan		19:31–06:33*	11h 02m	AN ₊ bis AN ₋		08:27	15:59	06:34	38m	07:12	38m	07:51	37m	08:29	9h 06m	17:35	37m	18:13	38m	18:52	38m	19:31	14h 52m	11h 02m				Di, 28. Jan
Mi, 29. Jan		19:32–06:32*	10h 59m	AN ₊ bis AN ₋	☾	08:57	17:25	06:33	38m	07:11	38m	07:50	37m	08:28	9h 09m	17:37	37m	18:15	38m	18:54	38m	19:32	14h 49m	10h 59m				Mi, 29. Jan
Do, 30. Jan		19:33–06:31*	10h 57m	AN ₊ bis AN ₋		09:18	18:52	06:32	38m	07:10	38m	07:49	37m	08:26	9h 12m	17:39	37m	18:16	38m	18:55	38m	19:33	14h 46m	10h 57m				Do, 30. Jan
Fr, 31. Jan		20:19–06:29*	10h 10m	M _\ bis AN ₋		09:35	20:19	06:31	38m	07:09	38m	07:47	37m	08:25	9h 15m	17:41	37m	18:18	38m	18:57	38m	19:35	14h 42m	10h 54m				Fr, 31. Jan
Sa, 1. Feb		21:44–06:28*	8h 44m	M _\ bis AN ₋		09:50	21:44	06:29	38m	07:08	38m	07:46	37m	08:23	9h 18m	17:42	37m	18:20	38m	18:58	38m	19:36	14h 39m	10h 51m				Sa, 1. Feb
So, 2. Feb		23:09–06:27*	7h 17m	M _\ bis AN ₋		10:03	23:09	06:28	38m	07:06	38m	07:45	37m	08:22	9h 22m	17:44	37m	18:21	38m	19:00	38m	19:38	14h 36m	10h 49m				So, 2. Feb
Mo, 3. Feb		00:35*–06:26*	5h 50m	M _\ bis AN ₋		10:17	—:—	06:27	38m	07:05	38m	07:43	37m	08:20	9h 25m	17:46	37m	18:23	38m	19:01	38m	19:39	14h 33m	10h 46m				Mo, 3. Feb
Di, 4. Feb		02:02*–06:24*	4h 22m	M _\ bis AN ₋		10:33	00:35	06:26	38m	07:04	38m	07:42	37m	08:19	9h 28m	17:48	37m	18:25	38m	19:03	38m	19:41	14h 29m	10h 43m				Di, 4. Feb
Mi, 5. Feb		03:29*–06:23*	2h 53m	M _\ bis AN ₋	☾	10:53	02:02	06:24	37m	07:02	38m	07:40	36m	08:17	9h 32m	17:49	36m	18:26	38m	19:04	38m	19:42	14h 26m	10h 40m				Mi, 5. Feb
Do, 6. Feb		04:52*–06:21*	1h 29m	M _\ bis AN ₋		11:19	03:29	06:23	37m	07:01	38m	07:39	36m	08:16	9h 35m	17:51	36m	18:28	38m	19:06	38m	19:44	14h 22m	10h 37m				Do, 6. Feb
Fr, 7. Feb		06:04*–06:20*	15m	M _\ bis AN ₋		11:58	04:52	06:21	37m	06:59	37m	07:37	36m	08:14	9h 38m	17:53	36m	18:30	38m	19:08	37m	19:45	14h 19m	10h 34m				Fr, 7. Feb
Sa, 8. Feb		—:~:~:~:~	–	Mond stört		12:50	06:04	06:20	37m	06:58	37m	07:36	36m	08:12	9h 42m	17:55	36m	18:31	37m	19:09	37m	19:47	14h 16m	10h 31m				Sa, 8. Feb
So, 9. Feb		—:~:~:~:~	–	Mond stört		13:58	06:59	06:18	37m	06:56	37m	07:34	36m	08:11	9h 45m	17:56	36m	18:33	37m	19:11	37m	19:49	14h 12m	10h 28m				So, 9. Feb
Mo, 10. Feb		—:~:~:~:~	–	Mond stört		15:16	07:38	06:17	37m	06:55	37m	07:33	36m	08:09	9h 49m	17:58	36m	18:34	37m	19:12	37m	19:50	14h 09m	10h 25m				Mo, 10. Feb
Di, 11. Feb		—:~:~:~:~	–	Mond stört		16:36	08:06	06:15	37m	06:53	37m	07:31	36m	08:07	9h 52m	18:00	36m	18:36	37m	19:14	37m	19:52	14h 05m	10h 22m				Di, 11. Feb
Mi, 12. Feb		—:~:~:~:~	–	Mond stört	☾	17:54	08:25	06:14	37m	06:52	37m	07:29	36m	08:05	9													

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

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

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

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

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

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

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