

Mond- und Dämmerungstabelle 2025

für die visuelle Deep-Sky-Beobachtung

Erbach (Odenwald) 49.6569° N 8.9931° 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		18:34–06:21*	11h 47m	AN ₊ bis AN ₋		09:59	18:01	06:21	38m	07:00	40m	07:40	40m	08:20	8h 14m	16:35	40m	17:15	40m	17:55	38m	18:34	15h 45m	11h 47m				Mi, 1. Jan
Do, 2. Jan		19:25–06:21*	10h 56m	M _\ bis AN ₋		10:25	19:25	06:21	38m	07:00	40m	07:40	39m	08:20	8h 15m	16:36	39m	17:16	40m	17:56	38m	18:35	15h 44m	11h 46m				Do, 2. Jan
Fr, 3. Jan		20:48–06:21*	9h 33m	M _\ bis AN ₋		10:46	20:48	06:21	38m	07:00	39m	07:40	39m	08:20	8h 16m	16:37	39m	17:17	39m	17:57	38m	18:35	15h 42m	11h 45m				Fr, 3. Jan
Sa, 4. Jan		22:10–06:21*	8h 10m	M _\ bis AN ₋		11:02	22:10	06:21	38m	07:00	39m	07:40	39m	08:20	8h 18m	16:38	39m	17:18	39m	17:58	38m	18:36	15h 41m	11h 44m				Sa, 4. Jan
So, 5. Jan		23:32–06:21*	6h 49m	M _\ bis AN ₋		11:17	23:32	06:21	38m	07:00	39m	07:40	39m	08:19	8h 19m	16:39	39m	17:19	39m	17:59	38m	18:37	15h 40m	11h 43m				So, 5. Jan
Mo, 6. Jan		00:54*–06:21*	5h 26m	M _\ bis AN ₋		11:31	—:—	06:21	38m	07:00	39m	07:39	39m	08:19	8h 21m	16:40	39m	17:20	39m	18:00	38m	18:38	15h 38m	11h 42m				Mo, 6. Jan
Di, 7. Jan		02:18*–06:20*	4h 02m	M _\ bis AN ₋	☾	11:46	00:54	06:21	38m	06:59	39m	07:39	39m	08:19	8h 22m	16:41	39m	17:21	39m	18:01	38m	18:39	15h 37m	11h 41m				Di, 7. Jan
Mi, 8. Jan		03:44*–06:20*	2h 36m	M _\ bis AN ₋		12:04	02:18	06:20	38m	06:59	39m	07:39	39m	08:18	8h 24m	16:43	39m	17:22	39m	18:02	38m	18:40	15h 35m	11h 39m				Mi, 8. Jan
Do, 9. Jan		05:10*–06:20*	1h 09m	M _\ bis AN ₋		12:27	03:44	06:20	38m	06:59	39m	07:39	39m	08:18	8h 25m	16:44	39m	17:23	39m	18:03	38m	18:42	15h 33m	11h 38m				Do, 9. Jan
Fr, 10. Jan		—:—:—:—	–	Mond stört		12:58	05:10	06:20	38m	06:59	39m	07:38	39m	08:17	8h 27m	16:45	39m	17:24	39m	18:04	38m	18:43	15h 31m	11h 36m				Fr, 10. Jan
Sa, 11. Jan		—:—:—:—	–	Mond stört		13:42	06:31	06:20	38m	06:58	39m	07:38	39m	08:17	8h 29m	16:47	39m	17:26	39m	18:05	38m	18:44	15h 29m	11h 35m				Sa, 11. Jan
So, 12. Jan		—:—:—:—	–	Mond stört		14:42	07:39	06:19	38m	06:58	39m	07:37	39m	08:16	8h 31m	16:48	39m	17:27	39m	18:06	38m	18:45	15h 27m	11h 33m				So, 12. Jan
Mo, 13. Jan		—:—:—:—	–	Mond stört	☉	15:54	08:31	06:19	38m	06:57	39m	07:37	38m	08:16	8h 33m	16:49	38m	17:28	39m	18:08	38m	18:46	15h 25m	11h 32m				Mo, 13. Jan
Di, 14. Jan		—:~:~:~:~	–	Mond stört		17:14	09:07	06:18	38m	06:57	39m	07:36	38m	08:15	8h 35m	16:51	38m	17:30	39m	18:09	38m	18:47	15h 23m	11h 30m				Di, 14. Jan
Mi, 15. Jan		—:~:~:~:~	–	Mond stört		18:33	09:33	06:18	38m	06:56	39m	07:35	38m	08:14	8h 37m	16:52	38m	17:31	39m	18:10	38m	18:49	15h 21m	11h 28m				Mi, 15. Jan
Do, 16. Jan		18:50–19:49	59m	AN ₊ bis M ₇		19:49	09:52	06:17	38m	06:56	39m	07:35	38m	08:13	8h 40m	16:54	38m	17:32	39m	18:11	38m	18:50	15h 18m	11h 27m				Do, 16. Jan
Fr, 17. Jan		18:51–21:02	2h 10m	AN ₊ bis M ₇		21:02	10:06	06:17	38m	06:55	39m	07:34	38m	08:13	8h 42m	16:55	38m	17:34	39m	18:13	38m	18:51	15h 16m	11h 25m				Fr, 17. Jan
Sa, 18. Jan		18:52–22:12	3h 19m	AN ₊ bis M ₇		22:12	10:19	06:16	38m	06:54	38m	07:33	38m	08:12	8h 44m	16:57	38m	17:35	38m	18:14	38m	18:52	15h 14m	11h 23m				Sa, 18. Jan
So, 19. Jan		18:54–23:20	4h 26m	AN ₊ bis M ₇		23:20	10:30	06:16	38m	06:54	38m	07:33	38m	08:11	8h 47m	16:58	38m	17:36	38m	18:15	38m	18:54	15h 11m	11h 21m				So, 19. Jan
Mo, 20. Jan		18:55–00:28*	5h 33m	AN ₊ bis M ₇		—:—	10:42	06:15	38m	06:53	38m	07:32	38m	08:10	8h 49m	17:00	38m	17:38	38m	18:17	38m	18:55	15h 09m	11h 19m				Mo, 20. Jan
Di, 21. Jan		18:56–01:38*	6h 41m	AN ₊ bis M ₇	☾	00:28	10:54	06:14	38m	06:52	38m	07:31	38m	08:09	8h 52m	17:01	38m	17:39	38m	18:18	38m	18:56	15h 06m	11h 17m				Di, 21. Jan
Mi, 22. Jan		18:57–02:49*	7h 51m	AN ₊ bis M ₇		01:38	11:09	06:13	37m	06:51	38m	07:30	37m	08:08	8h 55m	17:03	37m	17:41	38m	18:19	38m	18:57	15h 03m	11h 15m				Mi, 22. Jan
Do, 23. Jan		18:59–04:02*	9h 02m	AN ₊ bis M ₇		02:49	11:28	06:13	37m	06:51	38m	07:29	37m	08:07	8h 57m	17:05	37m	17:42	38m	18:21	37m	18:59	15h 01m	11h 12m				Do, 23. Jan
Fr, 24. Jan		19:00–05:13*	10h 13m	AN ₊ bis M ₇		04:02	11:53	06:12	37m	06:50	38m	07:28	37m	08:06	9h 00m	17:06	37m	17:44	38m	18:22	37m	19:00	14h 58m	11h 10m				Fr, 24. Jan
Sa, 25. Jan		19:02–06:10*	11h 08m	AN ₊ bis AN ₋		05:13	12:27	06:11	37m	06:49	38m	07:27	37m	08:04	9h 03m	17:08	37m	17:45	38m	18:24	37m	19:02	14h 55m	11h 08m				Sa, 25. Jan
So, 26. Jan		19:03–06:09*	11h 06m	AN ₊ bis AN ₋		06:19	13:16	06:10	37m	06:48	38m	07:26	37m	08:03	9h 06m	17:09	37m	17:47	38m	18:25	37m	19:03	14h 52m	11h 06m				So, 26. Jan
Mo, 27. Jan		19:04–06:08*	11h 03m	AN ₊ bis AN ₋		07:14	14:20	06:09	37m	06:47	38m	07:25	37m	08:02	9h 08m	17:11	37m	17:48	38m	18:27	37m	19:04	14h 49m	11h 03m				Mo, 27. Jan
Di, 28. Jan		19:06–06:07*	11h 01m	AN ₊ bis AN ₋		07:56	15:37	06:08	37m	06:46	38m	07:24	37m	08:01	9h 11m	17:13	37m	17:50	38m	18:28	37m	19:06	14h 46m	11h 01m				Di, 28. Jan
Mi, 29. Jan		19:07–06:06*	10h 58m	AN ₊ bis AN ₋	☾	08:27	17:02	06:07	37m	06:45	37m	07:22	37m	07:59	9h 14m	17:14	37m	17:51	37m	18:29	37m	19:07	14h 43m	10h 58m				Mi, 29. Jan
Do, 30. Jan		19:09–06:05*	10h 56m	AN ₊ bis AN ₋		08:50	18:28	06:06	37m	06:43	37m	07:21	36m	07:58	9h 17m	17:16	36m	17:53	37m	18:31	37m	19:09	14h 40m	10h 56m				Do, 30. Jan
Fr, 31. Jan		19:53–06:04*	10h 10m	M _\ bis AN ₋		09:08	19:53	06:05	37m	06:42	37m	07:20	36m	07:57	9h 20m	17:18	36m	17:55	37m	18:32	37m	19:10	14h 37m	10h 53m				Fr, 31. Jan
Sa, 1. Feb		21:17–06:02*	8h 44m	M _\ bis AN ₋		09:23	21:17	06:04	37m	06:41	37m	07:19	36m	07:55	9h 24m	17:19	36m	17:56	37m	18:34	37m	19:11	14h 34m	10h 50m				Sa, 1. Feb
So, 2. Feb		22:41–06:01*	7h 19m	M _\ bis AN ₋		09:38	22:41	06:02	37m	06:40	37m	07:17	36m	07:54	9h 27m	17:21	36m	17:58	37m	18:35	37m	19:13	14h 31m	10h 48m				So, 2. Feb
Mo, 3. Feb		00:06*–06:00*	5h 54m	M _\ bis AN ₋		09:52	—:—	06:01	37m	06:39	37m	07:16	36m	07:52	9h 30m	17:23	36m	17:59	37m	18:37	37m	19:14	14h 28m	10h 45m				Mo, 3. Feb
Di, 4. Feb		01:32*–05:59*	4h 26m	M _\ bis AN ₋		10:09	00:06	06:00	37m	06:37	37m	07:15	36m	07:51	9h 33m	17:25	36m	18:01	37m	18:38	37m	19:16	14h 24m	10h 42m				Di, 4. Feb
Mi, 5. Feb		02:58*–05:57*	2h 59m	M _\ bis AN ₋	☾	10:30	01:32	05:59	37m	06:36	37m	07:13	36m	07:49	9h 36m	17:26	36m	18:02	37m	18:40	37m	19:17	14h 21m	10h 39m				Mi, 5. Feb
Do, 6. Feb		04:20*–05:56*	1h 36m	M _\ bis AN ₋		10:58	02:58	05:57	37m	06:34	37m	07:12	36m	07:48	9h 40m	17:28	36m	18:04	37m	18:41	37m	19:19	14h 18m	10h 37m				Do, 6. Feb
Fr, 7. Feb		05:31*–05:54*	23m	M _\ bis AN ₋		11:37	04:20	05:56	37m	06:33	37m	07:10	35m	07:46	9h 43m	17:30	35m	18:06	37m	18:43	37m	19:20	14h 15m	10h 34m				Fr, 7. Feb
Sa, 8. Feb		—:~:~:~:~	–	Mond stört		12:30	05:31	05:54	37m	06:32	37m	07:09	35m	07:45	9h 46m	17:31	35m	18:07	37m	18:44	37m	19:22	14h 11m	10h 31m				Sa, 8. Feb
So, 9. Feb		—:~:~:~:~	–	Mond stört		13:37	06:27	05:53	37m	06:30	37m	07:07	35m	07:43	9h 50m	17:33	35m	18:09	37m	18:46	37m	19:23	14h 08m	10h 28m				So, 9. Feb
Mo, 10. Feb		—:~:~:~:~	–	Mond stört		14:54	07:07	05:52	37m	06:29	37m	07:06	35m	07:41	9h 53m	17:35	35m	18:10	37m	18:48	37m	19:25	14h 04m	10h 25m				Mo, 10. Feb
Di, 11. Feb		—:~:~:~:~	–	Mond stört		16:13	07:36	05:50	37m	06:27	36m	07:04	35m	07:40	9h 56m	17:36	35m	18:12	37m	18:49	37m	19:26	14h 01m	10h 22m				Di, 11. Feb
Mi, 12. Feb		—:~:~:~:~	–	Mond stört	☉	17:30	07:56	05:48	37m	06:26	36m	07:03	35m	07:38	10h 00													

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

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

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

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

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

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