

Mond- und Dämmerungstabelle 2025

für die visuelle Deep-Sky-Beobachtung

Gießen 50.5872° N 8.6697° 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-	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.	↑	↓	Astr.	Δt	Naut.	Δt	Bürg.	Δt	↑	Δt	↓	Δt	Bürg.	Δt	Naut.	Δt	Astr.	Δt	Δt		Δt		
Mi, 1. Jan		18:33–06:24*	11h 50m	AN ₊ bis AN ₋		10:05	17:58	06:24	39m	07:03	40m	07:44	41m	08:26	8h 06m	16:32	41m	17:13	40m	17:54	39m	18:33	15h 53m	11h 50m				Mi, 1. Jan
Do, 2. Jan		19:22–06:24*	11h 01m	M _↓ bis AN ₋		10:31	19:22	06:24	39m	07:03	40m	07:44	41m	08:25	8h 07m	16:33	41m	17:14	40m	17:55	39m	18:34	15h 52m	11h 49m				Do, 2. Jan
Fr, 3. Jan		20:47–06:24*	9h 36m	M _↓ bis AN ₋		10:50	20:47	06:24	39m	07:03	40m	07:44	40m	08:25	8h 08m	16:34	40m	17:15	40m	17:56	39m	18:35	15h 51m	11h 48m				Fr, 3. Jan
Sa, 4. Jan		22:11–06:24*	8h 13m	M _↓ bis AN ₋		11:05	22:11	06:24	39m	07:03	40m	07:44	40m	08:25	8h 09m	16:35	40m	17:16	40m	17:57	39m	18:36	15h 49m	11h 47m				Sa, 4. Jan
So, 5. Jan		23:33–06:24*	6h 50m	M _↓ bis AN ₋		11:18	23:33	06:24	39m	07:03	40m	07:44	40m	08:25	8h 11m	16:36	40m	17:17	40m	17:58	39m	18:37	15h 48m	11h 46m				So, 5. Jan
Mo, 6. Jan		00:56*–06:23*	5h 26m	M _↓ bis AN ₋		11:32	—:—	06:24	39m	07:03	40m	07:44	40m	08:24	8h 12m	16:37	40m	17:18	40m	17:59	39m	18:38	15h 46m	11h 45m				Mo, 6. Jan
Di, 7. Jan		02:22*–06:23*	4h 01m	M _↓ bis AN ₋	☾	11:46	00:56	06:23	39m	07:03	40m	07:43	40m	08:24	8h 14m	16:39	40m	17:19	40m	18:00	39m	18:39	15h 45m	11h 43m				Di, 7. Jan
Mi, 8. Jan		03:49*–06:23*	2h 33m	M _↓ bis AN ₋		12:02	02:22	06:23	39m	07:03	40m	07:43	40m	08:24	8h 16m	16:40	40m	17:20	40m	18:01	39m	18:40	15h 43m	11h 42m				Mi, 8. Jan
Do, 9. Jan		05:17*–06:23*	1h 05m	M _↓ bis AN ₋		12:24	03:49	06:23	39m	07:02	40m	07:43	40m	08:23	8h 17m	16:41	40m	17:22	40m	18:02	39m	18:42	15h 41m	11h 41m				Do, 9. Jan
Fr, 10. Jan		—:—:—:—	–	Mond stört		12:54	05:17	06:23	39m	07:02	40m	07:42	40m	08:23	8h 19m	16:43	40m	17:23	40m	18:03	39m	18:43	15h 39m	11h 39m				Fr, 10. Jan
Sa, 11. Jan		—:—:~:~	–	Mond stört		13:37	06:39	06:22	39m	07:02	40m	07:42	40m	08:22	8h 21m	16:44	40m	17:24	40m	18:04	39m	18:44	15h 37m	11h 37m				Sa, 11. Jan
So, 12. Jan		—:~:~:~	–	Mond stört		14:36	07:47	06:22	39m	07:01	40m	07:41	40m	08:21	8h 23m	16:45	40m	17:25	40m	18:06	39m	18:45	15h 35m	11h 36m				So, 12. Jan
Mo, 13. Jan		—:~:~:~	–	Mond stört	☽	15:50	08:38	06:21	39m	07:01	40m	07:41	39m	08:21	8h 26m	16:47	39m	17:27	40m	18:07	39m	18:46	15h 33m	11h 34m				Mo, 13. Jan
Di, 14. Jan		—:~:~:~	–	Mond stört		17:10	09:14	06:21	39m	07:00	40m	07:40	39m	08:20	8h 28m	16:48	39m	17:28	40m	18:08	39m	18:47	15h 30m	11h 32m				Di, 14. Jan
Mi, 15. Jan		—:~:~:~	–	Mond stört		18:31	09:38	06:20	39m	07:00	40m	07:40	39m	08:19	8h 30m	16:50	39m	17:29	40m	18:10	39m	18:49	15h 28m	11h 31m				Mi, 15. Jan
Do, 16. Jan		18:50–19:48	58m	AN ₊ bis M _↑		19:48	09:56	06:20	39m	06:59	39m	07:39	39m	08:18	8h 32m	16:51	39m	17:31	39m	18:11	39m	18:50	15h 26m	11h 29m				Do, 16. Jan
Fr, 17. Jan		18:51–21:02	2h 10m	AN ₊ bis M _↑		21:02	10:09	06:19	38m	06:58	39m	07:38	39m	08:18	8h 35m	16:53	39m	17:32	39m	18:12	39m	18:51	15h 23m	11h 27m				Fr, 17. Jan
Sa, 18. Jan		18:52–22:13	3h 20m	AN ₊ bis M _↑		22:13	10:21	06:19	38m	06:58	39m	07:37	39m	08:17	8h 37m	16:54	39m	17:34	39m	18:14	38m	18:52	15h 21m	11h 25m				Sa, 18. Jan
So, 19. Jan		18:54–23:22	4h 28m	AN ₊ bis M _↑		23:22	10:32	06:18	38m	06:57	39m	07:36	39m	08:16	8h 40m	16:56	39m	17:35	39m	18:15	38m	18:54	15h 18m	11h 23m				So, 19. Jan
Mo, 20. Jan		18:55–00:31*	5h 36m	AN ₊ bis M _↑		—:—	10:42	06:17	38m	06:56	39m	07:36	39m	08:15	8h 42m	16:58	39m	17:37	39m	18:16	38m	18:55	15h 16m	11h 21m				Mo, 20. Jan
Di, 21. Jan		18:56–01:42*	6h 45m	AN ₊ bis M _↑	☽	00:31	10:54	06:16	38m	06:55	39m	07:35	38m	08:14	8h 45m	16:59	38m	17:38	39m	18:18	38m	18:56	15h 13m	11h 19m				Di, 21. Jan
Mi, 22. Jan		18:58–02:54*	7h 56m	AN ₊ bis M _↑		01:42	11:07	06:16	38m	06:54	39m	07:34	38m	08:13	8h 48m	17:01	38m	17:40	39m	18:19	38m	18:58	15h 10m	11h 16m				Mi, 22. Jan
Do, 23. Jan		18:59–04:08*	9h 09m	AN ₊ bis M _↑		02:54	11:25	06:15	38m	06:53	39m	07:33	38m	08:11	8h 51m	17:03	38m	17:41	39m	18:21	38m	18:59	15h 07m	11h 14m				Do, 23. Jan
Fr, 24. Jan		19:01–05:21*	10h 20m	AN ₊ bis M _↑		04:08	11:49	06:14	38m	06:52	39m	07:32	38m	08:10	8h 53m	17:04	38m	17:43	39m	18:22	38m	19:01	15h 04m	11h 12m				Fr, 24. Jan
Sa, 25. Jan		19:02–06:12*	11h 09m	AN ₊ bis AN ₋		05:21	12:22	06:13	38m	06:51	39m	07:31	38m	08:09	8h 56m	17:06	38m	17:44	39m	18:23	38m	19:02	15h 01m	11h 09m				Sa, 25. Jan
So, 26. Jan		19:03–06:11*	11h 07m	AN ₊ bis AN ₋		06:27	13:11	06:12	38m	06:50	39m	07:29	38m	08:08	8h 59m	17:08	38m	17:46	39m	18:25	38m	19:03	14h 58m	11h 07m				So, 26. Jan
Mo, 27. Jan		19:05–06:10*	11h 05m	AN ₊ bis AN ₋		07:22	14:15	06:11	38m	06:49	38m	07:28	38m	08:06	9h 02m	17:09	38m	17:47	38m	18:26	38m	19:05	14h 55m	11h 05m				Mo, 27. Jan
Di, 28. Jan		19:06–06:09*	11h 02m	AN ₊ bis AN ₋		08:03	15:33	06:10	38m	06:48	38m	07:27	38m	08:05	9h 05m	17:11	38m	17:49	38m	18:28	38m	19:06	14h 52m	11h 02m				Di, 28. Jan
Mi, 29. Jan		19:08–06:08*	10h 59m	AN ₊ bis AN ₋	☽	08:32	16:59	06:09	38m	06:47	38m	07:26	37m	08:04	9h 08m	17:13	37m	17:51	38m	18:29	38m	19:08	14h 49m	10h 59m				Mi, 29. Jan
Do, 30. Jan		19:09–06:07*	10h 57m	AN ₊ bis AN ₋		08:54	18:26	06:08	38m	06:46	38m	07:25	37m	08:02	9h 12m	17:14	37m	17:52	38m	18:31	38m	19:09	14h 46m	10h 57m				Do, 30. Jan
Fr, 31. Jan		19:53–06:05*	10h 12m	M _↓ bis AN ₋		09:11	19:53	06:07	38m	06:45	38m	07:23	37m	08:01	9h 15m	17:16	37m	17:54	38m	18:32	38m	19:11	14h 43m	10h 54m				Fr, 31. Jan
Sa, 1. Feb		21:19–06:04*	8h 45m	M _↓ bis AN ₋		09:25	21:19	06:05	38m	06:44	38m	07:22	37m	07:59	9h 18m	17:18	37m	17:55	38m	18:34	38m	19:12	14h 40m	10h 51m				Sa, 1. Feb
So, 2. Feb		22:44–06:03*	7h 19m	M _↓ bis AN ₋		09:39	22:44	06:04	38m	06:42	38m	07:21	37m	07:58	9h 21m	17:20	37m	17:57	38m	18:36	38m	19:14	14h 36m	10h 49m				So, 2. Feb
Mo, 3. Feb		00:09*–06:02*	5h 52m	M _↓ bis AN ₋		09:52	—:—	06:03	38m	06:41	38m	07:19	37m	07:56	9h 24m	17:21	37m	17:59	38m	18:37	38m	19:15	14h 33m	10h 46m				Mo, 3. Feb
Di, 4. Feb		01:37*–06:00*	4h 23m	M _↓ bis AN ₋		10:08	00:09	06:02	38m	06:40	38m	07:18	37m	07:55	9h 28m	17:23	37m	18:00	38m	18:39	38m	19:17	14h 30m	10h 43m				Di, 4. Feb
Mi, 5. Feb		03:04*–05:59*	2h 54m	M _↓ bis AN ₋	☾	10:28	01:37	06:00	38m	06:38	38m	07:16	36m	07:53	9h 31m	17:25	37m	18:02	38m	18:40	38m	19:18	14h 26m	10h 40m				Mi, 5. Feb
Do, 6. Feb		04:27*–05:57*	1h 29m	M _↓ bis AN ₋		10:54	03:04	05:59	38m	06:37	38m	07:15	36m	07:52	9h 35m	17:27	36m	18:04	38m	18:42	38m	19:20	14h 23m	10h 37m				Do, 6. Feb
Fr, 7. Feb		05:39*–05:56*	16m	M _↓ bis AN ₋		11:32	04:27	05:57	37m	06:35	38m	07:13	36m	07:50	9h 38m	17:28	36m	18:05	38m	18:43	38m	19:21	14h 19m	10h 34m				Fr, 7. Feb
Sa, 8. Feb		—:~:~:~	–	Mond stört		12:25	05:39	05:56	37m	06:34	37m	07:12	36m	07:48	9h 41m	17:30	36m	18:07	37m	18:45	37m	19:23	14h 16m	10h 31m				Sa, 8. Feb
So, 9. Feb		—:~:~:~	–	Mond stört		13:32	06:35	05:54	37m	06:32	37m	07:10	36m	07:47	9h 45m	17:32	36m	18:09	37m	18:46	37m	19:24	14h 12m	10h 28m				So, 9. Feb
Mo, 10. Feb		—:~:~:~	–	Mond stört		14:50	07:14	05:53	37m	06:31	37m	07:09	36m	07:45	9h 48m	17:34	36m	18:10	37m	18:48	37m	19:26	14h 09m	10h 25m				Mo, 10. Feb
Di, 11. Feb		—:~:~:~	–	Mond stört		16:10	07:41	05:51	37m	06:29	37m	07:07	36m	07:43	9h 52m	17:36	36m	18:12	37m	18:50	37m	19:28	14h 05m	10h 22m				Di, 11. Feb
Mi, 12. Feb		—:~:~:~	–	Mond stört	☽	17:28	08:01	05:50	37m	06:28	37m	07:05	36m	07:41	9h 55m	17:37	36m	18:14	37m	18:51	37m	19:29	14					

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

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

Table with 29 columns (1-29) and rows for each day from July 20 to September 7. Columns include date, time zone, astronomical twilight, moon phases, moonrise/moonset times, dawn/dusk times, and astronomical twilight times.

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

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

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