Mond- und Dämmerungstabelle 2025

für die visuelle Deep-Sky-Beobachtung

Solothurn 47.2081° N 7.5386° E

Berechnung: pyEphem
Textsatz: LaTeX

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*), $M_\searrow$ (*Monduntergang*), AN_- (*Ende der astronomischen Nacht = Beginn der astr. Morgendämmerung*), $M_\nearrow$ (*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 = $-18°_\nearrow$).
Spalte 10 Dauer der astr. Morgendämmerung.
Spalte 11 Beginn der naut. Morgendämmerung (Sonnenhöhe = $-12°_\nearrow$).
Spalte 12 Dauer der naut. Morgendämmerung.
Spalte 13 Beginn der bürg. Morgendämmerung (Sonnenhöhe = $-6°_\nearrow$).
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 = $-6°_\searrow$).
Spalte 20 Dauer der naut. Abenddämmerung.
Spalte 21 Ende der naut. Abenddämmerung (Sonnenhöhe = $-12°_\searrow$).
Spalte 22 Dauer der astr. Abenddämmerung.
Spalte 23 Ende der astr. Abenddämmerung (Sonnenhöhe = $-18°_\searrow$).
Spalte 24 Länge der Nacht.
Spalte 25 Länge der astr. Nacht.

Für Beobachter, die zu Zeiten der Mitternachtsdämmerung während der astr. Dämmerung beoachten 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*), $M_\searrow$ (*Monduntergang*), ND_- (*Ende der »naut. Dunkelheit« = Beginn der naut. Morgendämmerung*), $M_\nearrow$ (*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		18:43 – 06:23*	11h 39m	AN+ bis AN−		09:52	18:19	06:23	37m	07:00	37m	07:38	37m	08:16	8h 35m	16:51	37m	17:28	37m	18:06	37m	18:43	15h 24m	11h 39m				Mi, 1. Jan
Do, 2. Jan		19:39 – 06:23*	10h 43m	M↘ bis AN−		10:22	19:39	06:23	37m	07:00	37m	07:38	37m	08:16	8h 36m	16:52	37m	17:29	37m	18:07	37m	18:44	15h 23m	11h 39m				Do, 2. Jan
Fr, 3. Jan		21:00 – 06:23*	9h 23m	M↘ bis AN−		10:45	21:00	06:23	37m	07:00	37m	07:38	37m	08:15	8h 37m	16:53	37m	17:30	37m	18:08	37m	18:45	15h 22m	11h 38m				Fr, 3. Jan
Sa, 4. Jan		22:19 – 06:23*	8h 04m	M↘ bis AN−		11:04	22:19	06:23	36m	07:00	37m	07:38	37m	08:15	8h 38m	16:54	37m	17:31	37m	18:09	36m	18:46	15h 21m	11h 37m				Sa, 4. Jan
So, 5. Jan		23:37 – 06:23*	6h 45m	M↘ bis AN−		11:22	23:37	06:23	36m	07:00	37m	07:38	37m	08:15	8h 39m	16:55	37m	17:32	37m	18:10	36m	18:47	15h 20m	11h 36m				So, 5. Jan
Mo, 6. Jan		00:57* – 06:23*	5h 26m	M↘ bis AN−		11:38	—:—	06:23	36m	07:00	37m	07:38	37m	08:15	8h 40m	16:56	37m	17:33	37m	18:11	36m	18:48	15h 18m	11h 35m				Mo, 6. Jan
Di, 7. Jan		02:18* – 06:23*	4h 05m	M↘ bis AN−	◐	11:56	00:57	06:23	36m	07:00	37m	07:38	37m	08:15	8h 42m	16:57	37m	17:34	37m	18:12	36m	18:49	15h 17m	11h 34m				Di, 7. Jan
Mi, 8. Jan		03:40* – 06:23*	2h 42m	M↘ bis AN−		12:17	02:18	06:23	36m	07:00	37m	07:37	37m	08:14	8h 43m	16:58	37m	17:35	37m	18:13	36m	18:50	15h 15m	11h 32m				Mi, 8. Jan
Do, 9. Jan		05:04* – 06:22*	1h 18m	M↘ bis AN−		12:43	03:40	06:23	36m	06:59	37m	07:37	37m	08:14	8h 45m	16:59	37m	17:36	37m	18:14	36m	18:51	15h 14m	11h 31m				Do, 9. Jan
Fr, 10. Jan		06:22* – 06:22*	0m	M↘ bis AN−		13:17	05:04	06:22	36m	06:59	37m	07:37	36m	08:14	8h 46m	17:01	36m	17:38	37m	18:15	36m	18:52	15h 12m	11h 30m				Fr, 10. Jan
Sa, 11. Jan		—:——:—	–	Mond stört		14:04	06:22	06:22	36m	06:59	37m	07:36	36m	08:13	8h 48m	17:02	36m	17:39	37m	18:16	36m	18:53	15h 10m	11h 29m				Sa, 11. Jan
So, 12. Jan		—:——:—	–	Mond stört		15:04	07:30	06:22	36m	06:59	37m	07:36	36m	08:13	8h 50m	17:03	36m	17:40	37m	18:17	36m	18:54	15h 09m	11h 27m				So, 12. Jan
Mo, 13. Jan		—:——:—	–	Mond stört	○	16:15	08:22	06:22	36m	06:58	37m	07:35	36m	08:12	8h 52m	17:04	36m	17:41	37m	18:18	36m	18:55	15h 07m	11h 26m				Mo, 13. Jan
Di, 14. Jan		—:——:—	–	Mond stört		17:31	09:01	06:21	36m	06:58	37m	07:35	36m	08:12	8h 54m	17:06	36m	17:42	37m	18:20	36m	18:56	15h 05m	11h 24m				Di, 14. Jan
Mi, 15. Jan		—:——:—	–	Mond stört		18:48	09:29	06:21	36m	06:57	37m	07:34	36m	08:11	8h 56m	17:07	36m	17:44	37m	18:21	36m	18:57	15h 03m	11h 23m				Mi, 15. Jan
Do, 16. Jan		18:58 – 20:01	1h 02m	AN+ bis M↗		20:01	09:51	06:20	36m	06:57	37m	07:34	36m	08:10	8h 58m	17:08	36m	17:45	37m	18:22	36m	18:58	15h 01m	11h 21m				Do, 16. Jan
Fr, 17. Jan		19:00 – 21:11	2h 11m	AN+ bis M↗		21:11	10:08	06:20	36m	06:56	37m	07:33	36m	08:10	9h 00m	17:10	36m	17:46	37m	18:23	36m	19:00	14h 58m	11h 19m				Fr, 17. Jan
Sa, 18. Jan		19:01 – 22:18	3h 17m	AN+ bis M↗		22:18	10:23	06:19	36m	06:56	36m	07:33	36m	08:09	9h 02m	17:11	36m	17:47	36m	18:24	36m	19:01	14h 56m	11h 17m				Sa, 18. Jan
So, 19. Jan		19:02 – 23:24	4h 22m	AN+ bis M↗		23:24	10:37	06:19	36m	06:55	36m	07:32	36m	08:08	9h 04m	17:13	36m	17:49	36m	18:26	36m	19:02	14h 54m	11h 16m				So, 19. Jan
Mo, 20. Jan		19:03 – 00:30*	5h 26m	AN+ bis M↗		—:—	10:51	06:18	36m	06:54	36m	07:31	35m	08:07	9h 06m	17:14	35m	17:50	36m	18:27	36m	19:03	14h 52m	11h 14m				Mo, 20. Jan
Di, 21. Jan		19:04 – 01:37*	6h 32m	AN+ bis M↗	◑	00:30	11:05	06:17	36m	06:54	36m	07:30	35m	08:06	9h 09m	17:16	35m	17:51	36m	18:28	36m	19:04	14h 49m	11h 12m				Di, 21. Jan
Mi, 22. Jan		19:06 – 02:45*	7h 39m	AN+ bis M↗		01:37	11:23	06:17	36m	06:53	36m	07:30	35m	08:05	9h 11m	17:17	35m	17:53	36m	18:29	36m	19:06	14h 47m	11h 10m				Mi, 22. Jan
Do, 23. Jan		19:07 – 03:56*	8h 48m	AN+ bis M↗		02:45	11:44	06:16	36m	06:52	36m	07:29	35m	08:04	9h 13m	17:18	35m	17:54	36m	18:31	36m	19:07	14h 45m	11h 08m				Do, 23. Jan
Fr, 24. Jan		19:08 – 05:05*	9h 56m	AN+ bis M↗		03:56	12:11	06:15	36m	06:51	36m	07:28	35m	08:03	9h 16m	17:20	35m	17:55	36m	18:32	36m	19:08	14h 42m	11h 06m				Fr, 24. Jan
Sa, 25. Jan		19:09 – 06:09*	10h 59m	AN+ bis M↗		05:05	12:48	06:15	36m	06:51	36m	07:27	35m	08:02	9h 18m	17:21	35m	17:57	36m	18:33	36m	19:09	14h 39m	11h 04m				Sa, 25. Jan
So, 26. Jan		19:11 – 06:13*	11h 02m	AN+ bis AN−		06:09	13:38	06:14	36m	06:50	36m	07:26	35m	08:01	9h 21m	17:23	35m	17:58	36m	18:35	36m	19:11	14h 37m	11h 02m				So, 26. Jan
Mo, 27. Jan		19:12 – 06:12*	10h 59m	AN+ bis AN−		07:05	14:42	06:13	35m	06:49	36m	07:25	35m	08:00	9h 24m	17:24	35m	18:00	36m	18:36	35m	19:12	14h 34m	10h 59m				Mo, 27. Jan
Di, 28. Jan		19:13 – 06:11*	10h 57m	AN+ bis AN−		07:48	15:56	06:12	35m	06:48	36m	07:24	35m	07:59	9h 26m	17:26	35m	18:01	36m	18:37	35m	19:13	14h 32m	10h 57m				Di, 28. Jan
Mi, 29. Jan		19:15 – 06:10*	10h 55m	AN+ bis AN−	●	08:22	17:18	06:11	35m	06:47	36m	07:23	35m	07:58	9h 29m	17:28	35m	18:03	36m	18:39	35m	19:15	14h 29m	10h 55m				Mi, 29. Jan
Do, 30. Jan		19:16 – 06:09*	10h 53m	AN+ bis AN−		08:48	18:41	06:10	35m	06:46	36m	07:22	34m	07:57	9h 32m	17:29	34m	18:04	36m	18:40	35m	19:16	14h 26m	10h 53m				Do, 30. Jan
Fr, 31. Jan		20:03 – 06:08*	10h 05m	M↘ bis AN−		09:09	20:03	06:09	35m	06:45	35m	07:21	34m	07:56	9h 35m	17:31	34m	18:05	35m	18:41	35m	19:17	14h 23m	10h 50m				Fr, 31. Jan
Sa, 1. Feb		21:24 – 06:07*	8h 42m	M↘ bis AN−		09:27	21:24	06:08	35m	06:44	35m	07:20	34m	07:54	9h 37m	17:32	34m	18:07	35m	18:43	35m	19:19	14h 20m	10h 48m				Sa, 1. Feb
So, 2. Feb		22:45 – 06:06*	7h 20m	M↘ bis AN−		09:44	22:45	06:07	35m	06:43	35m	07:18	34m	07:53	9h 40m	17:34	34m	18:08	35m	18:44	35m	19:20	14h 18m	10h 45m				So, 2. Feb
Mo, 3. Feb		00:06* – 06:05*	5h 58m	M↘ bis AN−		10:02	—:—	06:06	35m	06:41	35m	07:17	34m	07:52	9h 43m	17:35	34m	18:10	35m	18:46	35m	19:21	14h 15m	10h 43m				Mo, 3. Feb
Di, 4. Feb		01:29* – 06:03*	4h 34m	M↘ bis AN−		10:22	00:06	06:05	35m	06:40	35m	07:16	34m	07:50	9h 46m	17:37	34m	18:11	35m	18:47	35m	19:23	14h 12m	10h 40m				Di, 4. Feb
Mi, 5. Feb		02:52* – 06:02*	3h 10m	M↘ bis AN−	◐	10:46	01:29	06:03	35m	06:39	35m	07:15	34m	07:49	9h 49m	17:38	34m	18:13	35m	18:48	35m	19:24	14h 09m	10h 38m				Mi, 5. Feb
Do, 6. Feb		04:11* – 06:01*	1h 49m	M↘ bis AN−		11:17	02:52	06:02	35m	06:38	35m	07:13	34m	07:48	9h 52m	17:40	34m	18:14	35m	18:50	35m	19:25	14h 06m	10h 35m				Do, 6. Feb
Fr, 7. Feb		05:21* – 06:00*	38m	M↘ bis AN−		11:58	04:11	06:01	35m	06:37	35m	07:12	34m	07:46	9h 55m	17:41	34m	18:16	35m	18:51	35m	19:27	14h 03m	10h 33m				Fr, 7. Feb
Sa, 8. Feb		—:——:—	–	Mond stört		12:52	05:21	06:00	35m	06:35	35m	07:11	34m	07:45	9h 58m	17:43	34m	18:17	35m	18:52	35m	19:28	14h 00m	10h 30m				Sa, 8. Feb
So, 9. Feb		—:——:—	–	Mond stört		13:59	06:18	05:58	35m	06:34	35m	07:09	33m	07:43	10h 01m	17:45	33m	18:18	35m	18:54	35m	19:29	13h 57m	10h 27m				So, 9. Feb
Mo, 10. Feb		—:——:—	–	Mond stört		15:13	07:00	05:57	35m	06:32	35m	07:08	33m	07:42	10h 04m	17:46	33m	18:20	35m	18:55	35m	19:31	13h 53m	10h 24m				Mo, 10. Feb
Di, 11. Feb		—:——:—	–	Mond stört		16:29	07:31	05:56	35m	06:31	35m	07:06	33m	07:40	10h 07m	17:48	33m	18:21	35m	18:57	35m	19:32	13h 50m	10h 22m				Di, 11. Feb
Mi, 12. Feb		—:——:—	–	Mond stört	○	17:43	07:55	05:54	35m	06:30	35m	07:05	33m	07:39	10h 10m	17:49	33m	18:23	35m	18:58	35m	19:34	13h 47m	10h 19m				Mi, 12. Feb
Do, 13. Feb		—:——:—	–	Mond stört		18:54	08:13	05:53	35m	06:28	35m	07:03	33m	07:37	10h 13m	17:51	33m	18:24	35m	19:00	35m	19:35	13h 44m	10h 16m				Do, 13. Feb
Fr, 14. Feb		19:36 – 20:03	26m	AN+ bis M↗		20:03	08:29	05:51	35m	06:27	35m	07:02	33m	07:35	10h 16m	17:52	33m	18:26	35m	19:01	35m	19:36	13h 41m	10h 13m				Fr, 14. Feb
Sa, 15. Feb		19:38 – 21:09	1h 31m	AN+ bis M↗		21:09	08:43	05:50	35m	06:25	35m	07:00	33m	07:34	10h 20m	17:54	33m	18:27	35m	19:02	35m	19:38	13h 38m	10h 10m				Sa, 15. Feb
So, 16. Feb		19:39 – 22:15	2h 36m	AN+ bis M↗		22:15	08:56	05:48	35m	06:24	34m	06:59	33m	07:32	10h 23m	17:55	33m	18:29	35m	19:04	35m	19:39	13h 34m	10h 07m				So, 16. Feb
Mo, 17. Feb		19:41 – 23:22	3h 41m	AN+ bis M↗		23:22	09:10	05:47	35m	06:22	34m	06:57	33m	07:30	10h 26m	17:57	33m	18:30	34m	19:05	35m	19:41	13h 31m	10h 04m				Mo, 17. Feb
Di, 18. Feb		19:42 – 00:30*	4h 47m	AN+ bis M↗		—:—	09:26	05:45	35m	06:21	34m	06:55	33m	07:29	10h 29m	17:58	33m	18:32	34m	19:07	35m	19:42	13h 28m	10h 01m				Di, 18. Feb
Mi, 19. Feb		19:43 – 01:39*	5h 55m	AN+ bis M↗		00:30	09:45	05:44	35m	06:19	34m	06:54	33m	07:27	10h 33m	18:00	33m	18:33	34m	19:08	35m	19:43	13h 25m	9h 58m				Mi, 19. Feb

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

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

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		Δ*t*		Ph.	↗	↘	Astr.	Δ*t*	Naut.	Δ*t*	Bürg.	Δt	↗	Δ*t*	↘	Δ*t*	Bürg.	Δ*t*	Naut.	Δ*t*	Astr.	Δ*t*	Δ*t*		Δ*t*		
Sa, 31. Mai	MESZ	01:34* – 02:50*	*1h 16m*	M↘ *bis* AN_		09:48	01:06	02:52	*1h 12m*	04:05	*51m*	04:56	*41m*	05:38	*15h 39m*	21:17	*41m*	21:59	*51m*	22:50	*1h 13m*	00:04*	*8h 19m*	*2h 45m*				Sa, 31. Mai
So, 1. Jun	MESZ	01:54* – 02:48*	*53m*	M↘ *bis* AN_		11:06	01:34	02:50	*1h 13m*	04:04	*51m*	04:56	*41m*	05:37	*15h 41m*	21:18	*41m*	22:00	*51m*	22:52	*1h 14m*	00:07*	*8h 18m*	*2h 41m*				So, 1. Jun
Mo, 2. Jun	MESZ	02:11* – 02:46*	*34m*	M↘ *bis* AN_		12:19	01:54	02:48	*1h 14m*	04:03	*51m*	04:55	*41m*	05:36	*15h 42m*	21:19	*41m*	22:01	*52m*	22:53	*1h 16m*	00:09*	*8h 16m*	*2h 36m*				Mo, 2. Jun
Di, 3. Jun	MESZ	02:26* – 02:44*	*18m*	M↘ *bis* AN_	◐	13:28	02:11	02:46	*1h 16m*	04:02	*52m*	04:54	*41m*	05:36	*15h 43m*	21:20	*41m*	22:02	*52m*	22:54	*1h 17m*	00:11*	*8h 15m*	*2h 32m*				Di, 3. Jun
Mi, 4. Jun	MESZ	02:39* – 02:42*	*2m*	M↘ *bis* AN_		14:35	02:26	02:44	*1h 17m*	04:01	*52m*	04:53	*41m*	05:35	*15h 45m*	21:21	*41m*	22:03	*52m*	22:55	*1h 18m*	00:13*	*8h 14m*	*2h 28m*				Mi, 4. Jun
Do, 5. Jun	MESZ	—:——:—	–	Mond stört		15:41	02:39	02:42	*1h 18m*	04:00	*52m*	04:53	*41m*	05:35	*15h 46m*	21:21	*42m*	22:03	*52m*	22:56	*1h 19m*	00:16*	*8h 13m*	*2h 24m*				Do, 5. Jun
Fr, 6. Jun	MESZ	—:——:—	–	Mond stört		16:47	02:53	02:40	*1h 19m*	03:59	*52m*	04:52	*42m*	05:34	*15h 47m*	21:22	*42m*	22:04	*53m*	22:58	*1h 20m*	00:18*	*8h 11m*	*2h 20m*				Fr, 6. Jun
Sa, 7. Jun	MESZ	—:——:—	–	Mond stört		17:54	03:09	02:38	*1h 20m*	03:59	*53m*	04:52	*42m*	05:34	*15h 48m*	21:23	*42m*	22:05	*53m*	22:59	*1h 21m*	00:20*	*8h 10m*	*2h 17m*				Sa, 7. Jun
So, 8. Jun	MESZ	—:——:—	–	Mond stört		19:03	03:27	02:37	*1h 21m*	03:58	*53m*	04:51	*42m*	05:34	*15h 49m*	21:24	*42m*	22:06	*53m*	23:00	*1h 22m*	00:22*	*8h 09m*	*2h 13m*				So, 8. Jun
Mo, 9. Jun	MESZ	—:——:—	–	Mond stört		20:11	03:50	02:35	*1h 22m*	03:57	*53m*	04:51	*42m*	05:33	*15h 50m*	21:24	*42m*	22:07	*53m*	23:01	*1h 22m*	00:24*	*8h 08m*	*2h 10m*				Mo, 9. Jun
Di, 10. Jun	MESZ	—:——:—	–	Mond stört		21:18	04:19	02:34	*1h 22m*	03:57	*53m*	04:51	*42m*	05:33	*15h 51m*	21:25	*42m*	22:07	*54m*	23:01	*1h 23m*	00:25*	*8h 07m*	*2h 07m*				Di, 10. Jun
Mi, 11. Jun	MESZ	—:——:—	–	Mond stört	○	22:18	04:58	02:32	*1h 23m*	03:56	*54m*	04:50	*42m*	05:33	*15h 52m*	21:25	*42m*	22:08	*54m*	23:02	*1h 24m*	00:27*	*8h 07m*	*2h 04m*				Mi, 11. Jun
Do, 12. Jun	MESZ	—:——:—	–	Mond stört		23:08	05:48	02:31	*1h 24m*	03:56	*54m*	04:50	*42m*	05:33	*15h 53m*	21:26	*42m*	22:09	*54m*	23:03	*1h 25m*	00:29*	*8h 06m*	*2h 01m*				Do, 12. Jun
Fr, 13. Jun	MESZ	—:——:—	–	Mond stört		23:48	06:49	02:30	*1h 25m*	03:56	*54m*	04:50	*42m*	05:33	*15h 54m*	21:27	*42m*	22:09	*54m*	23:04	*1h 26m*	00:30*	*8h 05m*	*1h 59m*				Fr, 13. Jun
Sa, 14. Jun	MESZ	—:——:—	–	Mond stört		—:—	08:00	02:29	*1h 26m*	03:55	*54m*	04:50	*42m*	05:32	*15h 54m*	21:27	*42m*	22:10	*54m*	23:04	*1h 26m*	00:31*	*8h 05m*	*1h 56m*				Sa, 14. Jun
So, 15. Jun	MESZ	00:32* – 00:43*	*10m*	AN+ *bis* M↗		00:19	09:14	02:28	*1h 26m*	03:55	*54m*	04:50	*42m*	05:32	*15h 55m*	21:28	*42m*	22:10	*54m*	23:05	*1h 27m*	00:32*	*8h 04m*	*1h 55m*				So, 15. Jun
Mo, 16. Jun	MESZ	00:33* – 01:03*	*29m*	AN+ *bis* M↗		00:43	10:31	02:28	*1h 27m*	03:55	*54m*	04:50	*42m*	05:32	*15h 55m*	21:28	*42m*	22:11	*54m*	23:06	*1h 27m*	00:33*	*8h 04m*	*1h 53m*				Mo, 16. Jun
Di, 17. Jun	MESZ	00:34* – 01:20*	*45m*	AN+ *bis* M↗		01:03	11:47	02:27	*1h 27m*	03:55	*54m*	04:50	*42m*	05:32	*15h 55m*	21:28	*42m*	22:11	*54m*	23:06	*1h 28m*	00:34*	*8h 04m*	*1h 52m*				Di, 17. Jun
Mi, 18. Jun	MESZ	00:35* – 01:37*	*1h 01m*	AN+ *bis* M↗	◑	01:20	13:04	02:27	*1h 28m*	03:55	*54m*	04:50	*42m*	05:33	*15h 56m*	21:29	*42m*	22:12	*54m*	23:06	*1h 28m*	00:35*	*8h 03m*	*1h 51m*				Mi, 18. Jun
Do, 19. Jun	MESZ	00:35* – 01:54*	*1h 18m*	AN+ *bis* M↗		01:37	14:22	02:26	*1h 28m*	03:55	*54m*	04:50	*42m*	05:33	*15h 56m*	21:29	*42m*	22:12	*54m*	23:07	*1h 28m*	00:35*	*8h 03m*	*1h 50m*				Do, 19. Jun
Fr, 20. Jun	MESZ	00:36* – 02:13*	*1h 37m*	AN+ *bis* M↗		01:54	15:42	02:26	*1h 28m*	03:55	*54m*	04:50	*42m*	05:33	*15h 56m*	21:29	*42m*	22:12	*54m*	23:07	*1h 28m*	00:36*	*8h 03m*	*1h 50m*				Fr, 20. Jun
Sa, 21. Jun	MESZ	00:36* – 02:27*	*1h 50m*	AN+ *bis* AN_		02:13	17:06	02:26	*1h 28m*	03:55	*54m*	04:50	*42m*	05:33	*15h 56m*	21:29	*42m*	22:12	*54m*	23:07	*1h 28m*	00:36*	*8h 03m*	*1h 50m*				Sa, 21. Jun
So, 22. Jun	MESZ	00:36* – 02:27*	*1h 51m*	AN+ *bis* AN_		02:37	18:33	02:27	*1h 28m*	03:55	*54m*	04:50	*42m*	05:33	*15h 56m*	21:30	*42m*	22:13	*54m*	23:07	*1h 28m*	00:36*	*8h 03m*	*1h 51m*				So, 22. Jun
Mo, 23. Jun	MESZ	00:36* – 02:28*	*1h 52m*	AN+ *bis* AN_		03:09	19:58	02:27	*1h 28m*	03:56	*54m*	04:51	*42m*	05:34	*15h 56m*	21:30	*42m*	22:13	*54m*	23:07	*1h 28m*	00:36*	*8h 04m*	*1h 52m*				Mo, 23. Jun
Di, 24. Jun	MESZ	00:35* – 02:29*	*1h 53m*	AN+ *bis* AN_		03:52	21:15	02:28	*1h 28m*	03:56	*54m*	04:51	*42m*	05:34	*15h 55m*	21:30	*42m*	22:13	*54m*	23:07	*1h 27m*	00:35*	*8h 04m*	*1h 53m*				Di, 24. Jun
Mi, 25. Jun	MESZ	00:35* – 02:30*	*1h 54m*	AN+ *bis* AN_	●	04:51	22:16	02:29	*1h 27m*	03:57	*54m*	04:51	*42m*	05:34	*15h 55m*	21:30	*42m*	22:13	*54m*	23:07	*1h 27m*	00:35*	*8h 04m*	*1h 54m*				Mi, 25. Jun
Do, 26. Jun	MESZ	00:34* – 02:31*	*1h 56m*	AN+ *bis* AN_		06:03	23:00	02:30	*1h 27m*	03:57	*54m*	04:52	*42m*	05:35	*15h 55m*	21:30	*42m*	22:13	*54m*	23:07	*1h 26m*	00:34*	*8h 05m*	*1h 56m*				Do, 26. Jun
Fr, 27. Jun	MESZ	00:33* – 02:32*	*1h 58m*	AN+ *bis* AN_		07:23	23:33	02:31	*1h 26m*	03:58	*54m*	04:52	*42m*	05:35	*15h 54m*	21:30	*42m*	22:13	*54m*	23:07	*1h 26m*	00:33*	*8h 05m*	*1h 58m*				Fr, 27. Jun
Sa, 28. Jun	MESZ	00:32* – 02:33*	*2h 00m*	AN+ *bis* AN_		08:43	23:56	02:32	*1h 26m*	03:58	*54m*	04:53	*42m*	05:36	*15h 54m*	21:30	*42m*	22:12	*54m*	23:07	*1h 25m*	00:32*	*8h 06m*	*2h 00m*				Sa, 28. Jun
So, 29. Jun	MESZ	00:31* – 02:35*	*2h 03m*	AN+ *bis* AN_		10:00	—:—	02:33	*1h 25m*	03:59	*54m*	04:53	*42m*	05:36	*15h 53m*	21:30	*42m*	22:12	*54m*	23:06	*1h 24m*	00:31*	*8h 07m*	*2h 03m*				So, 29. Jun
Mo, 30. Jun	MESZ	00:31* – 02:36*	*2h 05m*	M↘ *bis* AN_		11:13	00:15	02:35	*1h 24m*	04:00	*54m*	04:54	*42m*	05:37	*15h 52m*	21:29	*42m*	22:12	*54m*	23:06	*1h 24m*	00:30*	*8h 07m*	*2h 06m*				Mo, 30. Jun
Di, 1. Jul	MESZ	00:45* – 02:38*	*1h 53m*	M↘ *bis* AN_		12:22	00:31	02:36	*1h 24m*	04:01	*54m*	04:55	*42m*	05:37	*15h 52m*	21:29	*42m*	22:12	*53m*	23:06	*1h 23m*	00:29*	*8h 08m*	*2h 09m*				Di, 1. Jul
Mi, 2. Jul	MESZ	00:59* – 02:40*	*1h 41m*	M↘ *bis* AN_	◐	13:29	00:45	02:38	*1h 23m*	04:01	*53m*	04:55	*42m*	05:38	*15h 51m*	21:29	*42m*	22:11	*53m*	23:05	*1h 22m*	00:27*	*8h 09m*	*2h 12m*				Mi, 2. Jul
Do, 3. Jul	MESZ	01:14* – 02:42*	*1h 28m*	M↘ *bis* AN_		14:35	00:59	02:40	*1h 22m*	04:02	*53m*	04:56	*42m*	05:38	*15h 50m*	21:29	*42m*	22:11	*53m*	23:04	*1h 21m*	00:26*	*8h 10m*	*2h 16m*				Do, 3. Jul
Fr, 4. Jul	MESZ	01:31* – 02:44*	*1h 12m*	M↘ *bis* AN_		15:42	01:14	02:42	*1h 21m*	04:03	*53m*	04:57	*42m*	05:39	*15h 49m*	21:28	*42m*	22:10	*53m*	23:04	*1h 20m*	00:24*	*8h 11m*	*2h 19m*				Fr, 4. Jul
Sa, 5. Jul	MESZ	01:52* – 02:46*	*54m*	M↘ *bis* AN_		16:50	01:31	02:44	*1h 20m*	04:04	*53m*	04:58	*42m*	05:40	*15h 48m*	21:28	*42m*	22:10	*53m*	23:03	*1h 19m*	00:22*	*8h 12m*	*2h 23m*				Sa, 5. Jul
So, 6. Jul	MESZ	02:19* – 02:48*	*29m*	M↘ *bis* AN_		17:59	01:52	02:46	*1h 19m*	04:05	*53m*	04:58	*42m*	05:41	*15h 46m*	21:27	*41m*	22:09	*52m*	23:02	*1h 18m*	00:21*	*8h 13m*	*2h 27m*				So, 6. Jul
Mo, 7. Jul	MESZ	—:——:—	–	Mond stört		19:07	02:19	02:48	*1h 18m*	04:07	*52m*	04:59	*41m*	05:41	*15h 45m*	21:27	*41m*	22:09	*52m*	23:01	*1h 17m*	00:19*	*8h 15m*	*2h 31m*				Mo, 7. Jul
Di, 8. Jul	MESZ	—:——:—	–	Mond stört		20:09	02:54	02:50	*1h 17m*	04:08	*52m*	05:00	*41m*	05:42	*15h 44m*	21:26	*41m*	22:08	*52m*	23:00	*1h 16m*	00:17*	*8h 16m*	*2h 35m*				Di, 8. Jul
Mi, 9. Jul	MESZ	—:——:—	–	Mond stört		21:04	03:40	02:53	*1h 16m*	04:09	*52m*	05:01	*41m*	05:43	*15h 42m*	21:26	*41m*	22:07	*52m*	23:00	*1h 15m*	00:15*	*8h 17m*	*2h 40m*				Mi, 9. Jul
Do, 10. Jul	MESZ	—:——:—	–	Mond stört	○	21:47	04:38	02:55	*1h 15m*	04:10	*52m*	05:02	*41m*	05:44	*15h 41m*	21:25	*41m*	22:07	*51m*	22:59	*1h 14m*	00:13*	*8h 19m*	*2h 44m*				Do, 10. Jul
Fr, 11. Jul	MESZ	—:——:—	–	Mond stört		22:21	05:47	02:57	*1h 14m*	04:11	*51m*	05:03	*41m*	05:45	*15h 39m*	21:25	*41m*	22:06	*51m*	22:57	*1h 13m*	00:11*	*8h 20m*	*2h 48m*				Fr, 11. Jul
Sa, 12. Jul	MESZ	—:——:—	–	Mond stört		22:47	07:02	03:00	*1h 13m*	04:13	*51m*	05:04	*41m*	05:46	*15h 38m*	21:24	*41m*	22:05	*51m*	22:56	*1h 12m*	00:09*	*8h 22m*	*2h 53m*				Sa, 12. Jul
So, 13. Jul	MESZ	—:——:—	–	Mond stört		23:08	08:20	03:02	*1h 12m*	04:14	*51m*	05:05	*41m*	05:47	*15h 36m*	21:23	*41m*	22:04	*50m*	22:55	*1h 11m*	00:06*	*8h 24m*	*2h 58m*				So, 13. Jul
Mo, 14. Jul	MESZ	—:——:—	–	Mond stört		23:26	09:37	03:04	*1h 11m*	04:16	*50m*	05:06	*41m*	05:48	*15h 34m*	21:22	*40m*	22:03	*50m*	22:54	*1h 10m*	00:04*	*8h 26m*	*3h 02m*				Mo, 14. Jul
Di, 15. Jul	MESZ	—:——:—	–	Mond stört		23:43	10:54	03:07	*1h 10m*	04:17	*50m*	05:08	*40m*	05:48	*15h 33m*	21:22	*40m*	22:02	*50m*	22:53	*1h 09m*	00:02*	*8h 27m*	*3h 07m*				Di, 15. Jul
Mi, 16. Jul	MESZ	00:00* – 00:00*	*0m*	AN+ *bis* M↗		—:—	12:11	03:09	*1h 09m*	04:18	*50m*	05:09	*40m*	05:49	*15h 31m*	21:21	*40m*	22:01	*49m*	22:51	*1h 08m*	00:00*	*8h 29m*	*3h 12m*				Mi, 16. Jul
Do, 17. Jul	MESZ	23:57 – 00:18*	*20m*	AN+ *bis* M↗		00:00	13:30	03:12	*1h 08m*	04:20	*49m*	05:10	*40m*	05:51	*15h 29m*	21:20	*40m*	22:00	*49m*	22:50	*1h 07m*	23:57	*8h 31m*	*3h 16m*				Do, 17. Jul
Fr, 18. Jul	MESZ	23:55 – 00:40*	*44m*	AN+ *bis* M↗	◑	00:18	14:51	03:14	*1h 07m*	04:21	*49m*	05:11	*40m*	05:52	*15h 27m*	21:19	*40m*	21:59	*49m*	22:49	*1h 06m*	23:55	*8h 33m*	*3h 21m*				Fr, 18. Jul
Sa, 19. Jul	MESZ	23:53 – 01:07*	*1h 14m*	AN+ *bis* M↗		00:40	16:15	03:17	*1h 06m*	04:23	*49m*	05:12	*40m*	05:53	*15h 25m*	21:18	*40m*	21:58	*49m*	22:47	*1h 05m*	23:53	*8h 35m*	*3h 26m*				Sa, 19. Jul

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

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

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

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