Mond- und Dämmerungstabelle 2025

für die visuelle Deep-Sky-Beobachtung

Sarreguemines 49.1111° N 7.0681° 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		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, 1. Jan		18:42 – 06:28*	*11h 45m*	AN$_+$ *bis* AN$_-$		10:04	18:12	06:28	*38m*	07:06	*39m*	07:46	*39m*	08:25	*8h 19m*	16:45	*39m*	17:24	*39m*	18:04	*38m*	18:42	*15h 40m*	*11h 45m*				Mi, 1. Jan
Do, 2. Jan		19:35 – 06:28*	*10h 53m*	M$_\searrow$ *bis* AN$_-$		10:31	19:35	06:28	*38m*	07:06	*39m*	07:46	*39m*	08:25	*8h 20m*	16:46	*39m*	17:25	*39m*	18:05	*38m*	18:43	*15h 39m*	*11h 44m*				Do, 2. Jan
Fr, 3. Jan		20:57 – 06:28*	*9h 30m*	M$_\searrow$ *bis* AN$_-$		10:52	20:57	06:28	*38m*	07:06	*39m*	07:46	*39m*	08:25	*8h 21m*	16:47	*39m*	17:26	*39m*	18:06	*38m*	18:44	*15h 38m*	*11h 43m*				Fr, 3. Jan
Sa, 4. Jan		22:19 – 06:28*	*8h 08m*	M$_\searrow$ *bis* AN$_-$		11:09	22:19	06:28	*38m*	07:06	*39m*	07:46	*39m*	08:25	*8h 22m*	16:48	*39m*	17:27	*39m*	18:07	*38m*	18:45	*15h 36m*	*11h 42m*				Sa, 4. Jan
So, 5. Jan		23:40 – 06:28*	*6h 47m*	M$_\searrow$ *bis* AN$_-$		11:24	23:40	06:28	*38m*	07:06	*39m*	07:46	*39m*	08:25	*8h 24m*	16:49	*39m*	17:28	*39m*	18:08	*38m*	18:46	*15h 35m*	*11h 41m*				So, 5. Jan
Mo, 6. Jan		01:01* – 06:28*	*5h 26m*	M$_\searrow$ *bis* AN$_-$		11:39	—:—	06:28	*38m*	07:06	*39m*	07:45	*39m*	08:24	*8h 25m*	16:50	*39m*	17:29	*39m*	18:09	*38m*	18:47	*15h 34m*	*11h 40m*				Mo, 6. Jan
Di, 7. Jan		02:24* – 06:27*	*4h 02m*	M$_\searrow$ *bis* AN$_-$	◐	11:55	01:01	06:28	*38m*	07:06	*39m*	07:45	*39m*	08:24	*8h 27m*	16:51	*39m*	17:30	*39m*	18:10	*38m*	18:48	*15h 32m*	*11h 39m*				Di, 7. Jan
Mi, 8. Jan		03:50* – 06:27*	*2h 37m*	M$_\searrow$ *bis* AN$_-$		12:13	02:24	06:27	*38m*	07:06	*39m*	07:45	*38m*	08:24	*8h 28m*	16:53	*38m*	17:31	*39m*	18:11	*38m*	18:49	*15h 30m*	*11h 38m*				Mi, 8. Jan
Do, 9. Jan		05:15* – 06:27*	*1h 11m*	M$_\searrow$ *bis* AN$_-$		12:37	03:50	06:27	*38m*	07:05	*39m*	07:45	*38m*	08:23	*8h 30m*	16:54	*38m*	17:33	*39m*	18:12	*38m*	18:50	*15h 29m*	*11h 36m*				Do, 9. Jan
Fr, 10. Jan		—:——:—	–	Mond stört		13:09	05:15	06:27	*38m*	07:05	*39m*	07:44	*38m*	08:23	*8h 32m*	16:55	*38m*	17:34	*39m*	18:13	*38m*	18:51	*15h 27m*	*11h 35m*				Fr, 10. Jan
Sa, 11. Jan		—:——:—	–	Mond stört		13:54	06:36	06:27	*38m*	07:05	*38m*	07:44	*38m*	08:22	*8h 34m*	16:56	*38m*	17:35	*39m*	18:14	*38m*	18:52	*15h 25m*	*11h 34m*				Sa, 11. Jan
So, 12. Jan		—:——:—	–	Mond stört		14:54	07:44	06:26	*38m*	07:04	*38m*	07:43	*38m*	08:22	*8h 36m*	16:58	*38m*	17:36	*38m*	18:15	*38m*	18:53	*15h 23m*	*11h 32m*				So, 12. Jan
Mo, 13. Jan		—:——:—	–	Mond stört	○	16:06	08:35	06:26	*38m*	07:04	*38m*	07:43	*38m*	08:21	*8h 38m*	16:59	*38m*	17:38	*38m*	18:16	*38m*	18:55	*15h 21m*	*11h 30m*				Mo, 13. Jan
Di, 14. Jan		—:——:—	–	Mond stört		17:24	09:12	06:25	*37m*	07:03	*38m*	07:42	*38m*	08:21	*8h 40m*	17:01	*38m*	17:39	*38m*	18:18	*37m*	18:56	*15h 19m*	*11h 29m*				Di, 14. Jan
Mi, 15. Jan		—:——:—	–	Mond stört		18:43	09:38	06:25	*37m*	07:03	*38m*	07:42	*38m*	08:20	*8h 42m*	17:02	*38m*	17:40	*38m*	18:19	*37m*	18:57	*15h 17m*	*11h 27m*				Mi, 15. Jan
Do, 16. Jan		18:58 – 19:59	*1h 00m*	AN$_+$ *bis* M$_\nearrow$		19:59	09:58	06:24	*37m*	07:02	*38m*	07:41	*38m*	08:19	*8h 44m*	17:03	*38m*	17:42	*38m*	18:20	*37m*	18:58	*15h 14m*	*11h 25m*				Do, 16. Jan
Fr, 17. Jan		18:59 – 21:11	*2h 11m*	AN$_+$ *bis* M$_\nearrow$		21:11	10:13	06:24	*37m*	07:02	*38m*	07:40	*37m*	08:18	*8h 46m*	17:05	*37m*	17:43	*38m*	18:21	*37m*	18:59	*15h 12m*	*11h 24m*				Fr, 17. Jan
Sa, 18. Jan		19:01 – 22:20	*3h 19m*	AN$_+$ *bis* M$_\nearrow$		22:20	10:26	06:23	*37m*	07:01	*38m*	07:40	*37m*	08:17	*8h 49m*	17:06	*37m*	17:44	*38m*	18:23	*37m*	19:01	*15h 10m*	*11h 22m*				Sa, 18. Jan
So, 19. Jan		19:02 – 23:27	*4h 25m*	AN$_+$ *bis* M$_\nearrow$		23:27	10:38	06:23	*37m*	07:00	*38m*	07:39	*37m*	08:17	*8h 51m*	17:08	*37m*	17:46	*38m*	18:24	*37m*	19:02	*15h 07m*	*11h 20m*				So, 19. Jan
Mo, 20. Jan		19:03 – 00:35*	*5h 32m*	AN$_+$ *bis* M$_\nearrow$		—:—	10:50	06:22	*37m*	07:00	*38m*	07:38	*37m*	08:16	*8h 53m*	17:09	*37m*	17:47	*38m*	18:25	*37m*	19:03	*15h 05m*	*11h 18m*				Mo, 20. Jan
Di, 21. Jan		19:04 – 01:44*	*6h 39m*	AN$_+$ *bis* M$_\nearrow$	◑	00:35	11:03	06:21	*37m*	06:59	*38m*	07:37	*37m*	08:15	*8h 56m*	17:11	*37m*	17:49	*38m*	18:27	*37m*	19:04	*15h 02m*	*11h 16m*				Di, 21. Jan
Mi, 22. Jan		19:06 – 02:55*	*7h 49m*	AN$_+$ *bis* M$_\nearrow$		01:44	11:19	06:21	*37m*	06:58	*38m*	07:36	*37m*	08:14	*8h 58m*	17:13	*37m*	17:50	*38m*	18:28	*37m*	19:06	*15h 00m*	*11h 14m*				Mi, 22. Jan
Do, 23. Jan		19:07 – 04:07*	*8h 59m*	AN$_+$ *bis* M$_\nearrow$		02:55	11:38	06:20	*37m*	06:57	*38m*	07:35	*37m*	08:13	*9h 01m*	17:14	*37m*	17:51	*38m*	18:29	*37m*	19:07	*14h 57m*	*11h 11m*				Do, 23. Jan
Fr, 24. Jan		19:08 – 05:18*	*10h 09m*	AN$_+$ *bis* M$_\nearrow$		04:07	12:04	06:19	*37m*	06:56	*37m*	07:34	*37m*	08:11	*9h 04m*	17:16	*37m*	17:53	*37m*	18:31	*37m*	19:08	*14h 54m*	*11h 09m*				Fr, 24. Jan
Sa, 25. Jan		19:10 – 06:17*	*11h 07m*	AN$_+$ *bis* AN$_-$		05:18	12:39	06:18	*37m*	06:55	*37m*	07:33	*37m*	08:10	*9h 06m*	17:17	*37m*	17:54	*37m*	18:32	*37m*	19:10	*14h 51m*	*11h 07m*				Sa, 25. Jan
So, 26. Jan		19:11 – 06:16*	*11h 05m*	AN$_+$ *bis* AN$_-$		06:23	13:28	06:17	*37m*	06:55	*37m*	07:32	*36m*	08:09	*9h 09m*	17:19	*36m*	17:56	*37m*	18:34	*37m*	19:11	*14h 49m*	*11h 05m*				So, 26. Jan
Mo, 27. Jan		19:12 – 06:15*	*11h 02m*	AN$_+$ *bis* AN$_-$		07:18	14:32	06:16	*37m*	06:54	*37m*	07:31	*36m*	08:08	*9h 12m*	17:21	*36m*	17:57	*37m*	18:35	*37m*	19:12	*14h 46m*	*11h 02m*				Mo, 27. Jan
Di, 28. Jan		19:14 – 06:14*	*11h 00m*	AN$_+$ *bis* AN$_-$		08:01	15:48	06:15	*37m*	06:52	*37m*	07:30	*36m*	08:07	*9h 15m*	17:22	*36m*	17:59	*37m*	18:36	*37m*	19:14	*14h 43m*	*11h 00m*				Di, 28. Jan
Mi, 29. Jan		19:15 – 06:13*	*10h 57m*	AN$_+$ *bis* AN$_-$	●	08:32	17:12	06:14	*37m*	06:51	*37m*	07:29	*36m*	08:05	*9h 18m*	17:24	*36m*	18:00	*37m*	18:38	*37m*	19:15	*14h 40m*	*10h 57m*				Mi, 29. Jan
Do, 30. Jan		19:17 – 06:12*	*10h 55m*	AN$_+$ *bis* AN$_-$		08:56	18:38	06:13	*37m*	06:50	*37m*	07:28	*36m*	08:04	*9h 21m*	17:25	*36m*	18:02	*37m*	18:39	*37m*	19:17	*14h 37m*	*10h 55m*				Do, 30. Jan
Fr, 31. Jan		20:02 – 06:11*	*10h 08m*	M$_\searrow$ *bis* AN$_-$		09:15	20:02	06:12	*37m*	06:49	*37m*	07:27	*36m*	08:03	*9h 24m*	17:27	*36m*	18:03	*37m*	18:41	*37m*	19:18	*14h 34m*	*10h 52m*				Fr, 31. Jan
Sa, 1. Feb		21:26 – 06:10*	*8h 44m*	M$_\searrow$ *bis* AN$_-$		09:31	21:26	06:11	*37m*	06:48	*37m*	07:25	*36m*	08:01	*9h 27m*	17:29	*36m*	18:05	*37m*	18:42	*37m*	19:19	*14h 31m*	*10h 50m*				Sa, 1. Feb
So, 2. Feb		22:49 – 06:09*	*7h 19m*	M$_\searrow$ *bis* AN$_-$		09:46	22:49	06:10	*37m*	06:47	*37m*	07:24	*36m*	08:00	*9h 30m*	17:30	*36m*	18:07	*37m*	18:44	*37m*	19:21	*14h 28m*	*10h 47m*				So, 2. Feb
Mo, 3. Feb		00:13* – 06:07*	*5h 54m*	M$_\searrow$ *bis* AN$_-$		10:01	—:—	06:09	*36m*	06:46	*37m*	07:23	*35m*	07:59	*9h 33m*	17:32	*35m*	18:08	*37m*	18:45	*37m*	19:22	*14h 25m*	*10h 45m*				Mo, 3. Feb
Di, 4. Feb		01:38* – 06:06*	*4h 28m*	M$_\searrow$ *bis* AN$_-$		10:19	00:13	06:07	*36m*	06:44	*37m*	07:21	*35m*	07:57	*9h 36m*	17:34	*35m*	18:10	*37m*	18:47	*36m*	19:24	*14h 21m*	*10h 42m*				Di, 4. Feb
Mi, 5. Feb		03:03* – 06:05*	*3h 01m*	M$_\searrow$ *bis* AN$_-$	◐	10:40	01:38	06:06	*36m*	06:43	*36m*	07:20	*35m*	07:56	*9h 39m*	17:35	*35m*	18:11	*37m*	18:48	*36m*	19:25	*14h 18m*	*10h 39m*				Mi, 5. Feb
Do, 6. Feb		04:25* – 06:03*	*1h 38m*	M$_\searrow$ *bis* AN$_-$		11:09	03:03	06:05	*36m*	06:42	*36m*	07:19	*35m*	07:54	*9h 42m*	17:37	*35m*	18:13	*36m*	18:50	*36m*	19:27	*14h 15m*	*10h 36m*				Do, 6. Feb
Fr, 7. Feb		05:35* – 06:02*	*26m*	M$_\searrow$ *bis* AN$_-$		11:49	04:24	06:03	*36m*	06:40	*36m*	07:17	*35m*	07:53	*9h 46m*	17:39	*35m*	18:14	*36m*	18:51	*36m*	19:28	*14h 12m*	*10h 33m*				Fr, 7. Feb
Sa, 8. Feb		—:——:—	–	Mond stört		12:42	05:35	06:02	*36m*	06:39	*36m*	07:16	*35m*	07:51	*9h 49m*	17:40	*35m*	18:16	*36m*	18:53	*36m*	19:30	*14h 09m*	*10h 31m*				Sa, 8. Feb
So, 9. Feb		—:——:—	–	Mond stört		13:49	06:31	06:01	*36m*	06:37	*36m*	07:14	*35m*	07:49	*9h 52m*	17:42	*35m*	18:17	*36m*	18:54	*36m*	19:31	*14h 05m*	*10h 28m*				So, 9. Feb
Mo, 10. Feb		—:——:—	–	Mond stört		15:05	07:12	05:59	*36m*	06:36	*36m*	07:13	*35m*	07:48	*9h 55m*	17:44	*35m*	18:19	*36m*	18:56	*36m*	19:32	*14h 02m*	*10h 25m*				Mo, 10. Feb
Di, 11. Feb		—:——:—	–	Mond stört		16:23	07:41	05:58	*36m*	06:34	*36m*	07:11	*35m*	07:46	*9h 59m*	17:45	*35m*	18:21	*36m*	18:57	*36m*	19:34	*13h 59m*	*10h 22m*				Di, 11. Feb
Mi, 12. Feb		—:——:—	–	Mond stört	○	17:40	08:02	05:56	*36m*	06:33	*36m*	07:09	*35m*	07:44	*10h 02m*	17:47	*35m*	18:22	*36m*	18:59	*36m*	19:35	*13h 55m*	*10h 19m*				Mi, 12. Feb
Do, 13. Feb		—:——:—	–	Mond stört		18:53	08:19	05:55	*36m*	06:31	*36m*	07:08	*34m*	07:43	*10h 06m*	17:49	*34m*	18:24	*36m*	19:00	*36m*	19:37	*13h 52m*	*10h 16m*				Do, 13. Feb
Fr, 14. Feb		19:38 – 20:04	*25m*	AN$_+$ *bis* M$_\nearrow$		20:04	08:33	05:53	*36m*	06:30	*36m*	07:06	*34m*	07:41	*10h 09m*	17:50	*34m*	18:25	*36m*	19:02	*36m*	19:38	*13h 48m*	*10h 13m*				Fr, 14. Feb
Sa, 15. Feb		19:40 – 21:12	*1h 32m*	AN$_+$ *bis* M$_\nearrow$		21:12	08:45	05:52	*36m*	06:28	*36m*	07:05	*34m*	07:39	*10h 12m*	17:52	*34m*	18:27	*36m*	19:03	*36m*	19:40	*13h 45m*	*10h 09m*				Sa, 15. Feb
So, 16. Feb		19:41 – 22:20	*2h 38m*	AN$_+$ *bis* M$_\nearrow$		22:20	08:57	05:50	*36m*	06:27	*36m*	07:03	*34m*	07:37	*10h 16m*	17:54	*34m*	18:28	*36m*	19:05	*36m*	19:41	*13h 41m*	*10h 06m*				So, 16. Feb
Mo, 17. Feb		19:43 – 23:29	*3h 45m*	AN$_+$ *bis* M$_\nearrow$		23:29	09:09	05:48	*36m*	06:25	*36m*	07:01	*34m*	07:36	*10h 19m*	17:55	*34m*	18:30	*36m*	19:06	*36m*	19:43	*13h 38m*	*10h 03m*				Mo, 17. Feb
Di, 18. Feb		19:45 – 00:38*	*4h 53m*	AN$_+$ *bis* M$_\nearrow$		—:—	09:23	05:47	*36m*	06:23	*36m*	06:59	*34m*	07:34	*10h 23m*	17:57	*34m*	18:32	*36m*	19:08	*36m*	19:45	*13h 35m*	*10h 00m*				Di, 18. Feb
Mi, 19. Feb		19:46 – 01:50*	*6h 03m*	AN$_+$ *bis* M$_\nearrow$		00:38	09:40	05:45	*36m*	06:21	*36m*	06:58	*34m*	07:32	*10h 26m*	17:59	*34m*	18:33	*36m*	19:09	*36m*	19:46	*13h 31m*	*9h 57m*				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		19:48 – 03:01*	7h 13m	AN+ bis M↗	◑	01:50	10:03	05:43	36m	06:20	36m	06:56	34m	07:30	10h 30m	18:00	34m	18:35	36m	19:11	36m	19:48	13h 28m	9h 53m				Do, 20. Feb
Fr, 21. Feb		19:49 – 04:08*	8h 18m	AN+ bis M↗		03:01	10:33	05:41	36m	06:18	36m	06:54	34m	07:28	10h 33m	18:02	34m	18:36	36m	19:12	36m	19:49	13h 24m	9h 50m				Fr, 21. Feb
Sa, 22. Feb		19:51 – 05:07*	9h 16m	AN+ bis M↗		04:08	11:14	05:40	36m	06:16	36m	06:52	34m	07:26	10h 37m	18:04	34m	18:38	36m	19:14	36m	19:51	13h 20m	9h 46m				Sa, 22. Feb
So, 23. Feb		19:52 – 05:36*	9h 43m	AN+ bis AN–		05:07	12:10	05:38	36m	06:14	36m	06:50	34m	07:25	10h 40m	18:05	34m	18:39	36m	19:16	36m	19:52	13h 17m	9h 43m				So, 23. Feb
Mo, 24. Feb		19:54 – 05:34*	9h 40m	AN+ bis AN–		05:54	13:21	05:36	36m	06:13	36m	06:49	34m	07:23	10h 44m	18:07	34m	18:41	36m	19:17	36m	19:54	13h 13m	9h 40m				Mo, 24. Feb
Di, 25. Feb		19:55 – 05:32*	9h 36m	AN+ bis AN–		06:30	14:41	05:34	36m	06:11	35m	06:47	34m	07:21	10h 47m	18:08	34m	18:43	36m	19:19	36m	19:55	13h 10m	9h 36m				Di, 25. Feb
Mi, 26. Feb		19:57 – 05:30*	9h 33m	AN+ bis AN–		06:57	16:07	05:32	36m	06:09	35m	06:45	33m	07:19	10h 51m	18:10	34m	18:44	36m	19:20	36m	19:57	13h 06m	9h 33m				Mi, 26. Feb
Do, 27. Feb		19:59 – 05:28*	9h 29m	AN+ bis AN–		07:18	17:34	05:30	36m	06:07	35m	06:43	33m	07:17	10h 54m	18:12	33m	18:46	36m	19:22	36m	19:59	13h 03m	9h 29m				Do, 27. Feb
Fr, 28. Feb		20:00 – 05:26*	9h 26m	AN+ bis AN–	●	07:35	19:00	05:28	36m	06:05	35m	06:41	33m	07:15	10h 58m	18:13	33m	18:47	36m	19:23	36m	20:00	12h 59m	9h 26m				Fr, 28. Feb
Sa, 1. Mrz		20:26 – 05:24*	8h 58m	M↘ bis AN–		07:51	20:26	05:26	36m	06:03	35m	06:39	33m	07:13	11h 02m	18:15	33m	18:49	36m	19:25	36m	20:02	12h 55m	9h 22m				Sa, 1. Mrz
So, 2. Mrz		21:53 – 05:22*	7h 29m	M↘ bis AN–		08:06	21:53	05:24	36m	06:01	35m	06:37	33m	07:11	11h 05m	18:17	33m	18:50	36m	19:26	37m	20:03	12h 52m	9h 18m				So, 2. Mrz
Mo, 3. Mrz		23:21 – 05:20*	5h 59m	M↘ bis AN–		08:23	23:21	05:22	36m	05:59	35m	06:35	33m	07:09	11h 09m	18:18	33m	18:52	36m	19:28	37m	20:05	12h 48m	9h 15m				Mo, 3. Mrz
Di, 4. Mrz		00:49* – 05:18*	4h 29m	M↘ bis AN–		08:44	—:—	05:20	37m	05:57	35m	06:33	33m	07:07	11h 12m	18:20	33m	18:53	36m	19:30	37m	20:07	12h 45m	9h 11m				Di, 4. Mrz
Mi, 5. Mrz		02:14* – 05:16*	3h 02m	M↘ bis AN–		09:11	00:49	05:18	37m	05:55	35m	06:31	33m	07:05	11h 16m	18:21	33m	18:55	36m	19:31	37m	20:08	12h 41m	9h 07m				Mi, 5. Mrz
Do, 6. Mrz		03:29* – 05:14*	1h 44m	M↘ bis AN–	◐	09:47	02:14	05:16	37m	05:53	35m	06:29	33m	07:03	11h 20m	18:23	33m	18:57	36m	19:33	37m	20:10	12h 37m	9h 04m				Do, 6. Mrz
Fr, 7. Mrz		04:30* – 05:12*	42m	M↘ bis AN–		10:36	03:29	05:14	37m	05:51	35m	06:27	33m	07:01	11h 23m	18:24	33m	18:58	36m	19:34	37m	20:12	12h 34m	9h 00m				Fr, 7. Mrz
Sa, 8. Mrz		—:——:—	–	Mond stört		11:39	04:30	05:12	37m	05:49	36m	06:25	33m	06:59	11h 27m	18:26	33m	19:00	36m	19:36	37m	20:13	12h 30m	8h 56m				Sa, 8. Mrz
So, 9. Mrz		—:——:—	–	Mond stört		12:52	05:14	05:10	37m	05:47	36m	06:23	33m	06:57	11h 30m	18:28	33m	19:01	36m	19:37	37m	20:15	12h 26m	8h 52m				So, 9. Mrz
Mo, 10. Mrz		—:——:—	–	Mond stört		14:09	05:46	05:07	37m	05:45	36m	06:21	33m	06:55	11h 34m	18:29	33m	19:03	36m	19:39	37m	20:17	12h 23m	8h 48m				Mo, 10. Mrz
Di, 11. Mrz		—:——:—	–	Mond stört		15:26	06:09	05:05	37m	05:43	36m	06:19	33m	06:52	11h 38m	18:31	33m	19:04	36m	19:41	37m	20:18	12h 19m	8h 44m				Di, 11. Mrz
Mi, 12. Mrz		—:——:—	–	Mond stört		16:39	06:26	05:03	37m	05:41	36m	06:17	33m	06:50	11h 41m	18:32	33m	19:06	36m	19:42	37m	20:20	12h 16m	8h 40m				Mi, 12. Mrz
Do, 13. Mrz		—:——:—	–	Mond stört		17:50	06:40	05:01	37m	05:39	36m	06:15	33m	06:48	11h 45m	18:34	33m	19:07	36m	19:44	37m	20:22	12h 12m	8h 36m				Do, 13. Mrz
Fr, 14. Mrz		—:——:—	–	Mond stört	○	18:59	06:53	04:59	37m	05:36	36m	06:13	33m	06:46	11h 49m	18:35	33m	19:09	36m	19:45	37m	20:23	12h 08m	8h 33m				Fr, 14. Mrz
Sa, 15. Mrz		—:——:—	–	Mond stört		20:07	07:04	04:56	37m	05:34	36m	06:11	33m	06:44	11h 52m	18:37	33m	19:11	36m	19:47	38m	20:25	12h 05m	8h 29m				Sa, 15. Mrz
So, 16. Mrz		20:27 – 21:15	48m	AN+ bis M↗		21:15	07:16	04:54	38m	05:32	36m	06:08	33m	06:42	11h 56m	18:38	33m	19:12	36m	19:49	38m	20:27	12h 01m	8h 24m				So, 16. Mrz
Mo, 17. Mrz		20:29 – 22:25	1h 56m	AN+ bis M↗		22:25	07:30	04:52	38m	05:30	36m	06:06	33m	06:40	12h 00m	18:40	33m	19:14	36m	19:50	38m	20:29	11h 57m	8h 20m				Mo, 17. Mrz
Di, 18. Mrz		20:30 – 23:35	3h 05m	AN+ bis M↗		23:35	07:45	04:49	38m	05:28	36m	06:04	33m	06:38	12h 03m	18:42	33m	19:15	36m	19:52	38m	20:30	11h 54m	8h 16m				Di, 18. Mrz
Mi, 19. Mrz		20:32 – 00:46*	4h 14m	AN+ bis M↗		—:—	08:05	04:47	38m	05:26	36m	06:02	33m	06:36	12h 07m	18:43	33m	19:17	36m	19:53	38m	20:32	11h 50m	8h 12m				Mi, 19. Mrz
Do, 20. Mrz		20:34 – 01:55*	5h 20m	AN+ bis M↗		00:46	08:32	04:45	38m	05:23	36m	06:00	33m	06:34	12h 11m	18:45	33m	19:18	36m	19:55	38m	20:34	11h 46m	8h 08m				Do, 20. Mrz
Fr, 21. Mrz		20:36 – 02:56*	6h 20m	AN+ bis M↗		01:55	09:08	04:42	38m	05:21	36m	05:58	33m	06:31	12h 14m	18:46	33m	19:20	36m	19:57	38m	20:36	11h 43m	8h 04m				Fr, 21. Mrz
Sa, 22. Mrz		20:37 – 03:47*	7h 09m	AN+ bis M↗	◑	02:56	09:57	04:40	38m	05:19	36m	05:56	33m	06:29	12h 18m	18:48	33m	19:21	36m	19:58	39m	20:37	11h 39m	8h 00m				Sa, 22. Mrz
So, 23. Mrz		20:39 – 04:27*	7h 47m	AN+ bis M↗		03:47	10:59	04:38	39m	05:17	36m	05:53	33m	06:27	12h 22m	18:49	33m	19:23	36m	20:00	39m	20:39	11h 35m	7h 55m				So, 23. Mrz
Mo, 24. Mrz		20:41 – 04:33*	7h 51m	AN+ bis AN–		04:27	12:14	04:35	39m	05:14	36m	05:51	33m	06:25	12h 25m	18:51	33m	19:25	37m	20:02	39m	20:41	11h 32m	7h 51m				Mo, 24. Mrz
Di, 25. Mrz		20:43 – 04:30*	7h 47m	AN+ bis AN–		04:57	13:36	04:33	39m	05:12	37m	05:49	33m	06:23	12h 29m	18:52	33m	19:26	37m	20:03	39m	20:43	11h 28m	7h 47m				Di, 25. Mrz
Mi, 26. Mrz		20:45 – 04:28*	7h 42m	AN+ bis AN–		05:19	15:00	04:30	39m	05:10	37m	05:47	33m	06:21	12h 32m	18:54	33m	19:28	37m	20:05	39m	20:45	11h 24m	7h 42m				Mi, 26. Mrz
Do, 27. Mrz		20:47 – 04:25*	7h 38m	AN+ bis AN–		05:38	16:26	04:28	39m	05:08	37m	05:45	33m	06:19	12h 36m	18:55	34m	19:29	37m	20:07	40m	20:47	11h 21m	7h 38m				Do, 27. Mrz
Fr, 28. Mrz		20:49 – 04:23*	7h 34m	AN+ bis AN–		05:54	17:52	04:25	39m	05:05	37m	05:43	33m	06:17	12h 40m	18:57	34m	19:31	37m	20:08	40m	20:49	11h 17m	7h 34m				Fr, 28. Mrz
Sa, 29. Mrz		20:51 – 04:20*	7h 29m	AN+ bis AN–	●	06:10	19:20	04:23	40m	05:03	37m	05:40	34m	06:14	12h 43m	18:58	34m	19:32	37m	20:10	40m	20:51	11h 14m	7h 29m				Sa, 29. Mrz
So, 30. Mrz	MESZ	21:52 – 05:18*	7h 25m	AN+ bis AN–		07:27	21:50	05:20	40m	06:01	37m	06:38	34m	07:12	12h 47m	20:00	34m	20:34	37m	21:12	40m	21:52	11h 10m	7h 25m				So, 30. Mrz
Mo, 31. Mrz	MESZ	23:22 – 05:15*	5h 53m	M↘ bis AN–		07:46	23:22	05:18	40m	05:58	37m	06:36	34m	07:10	12h 51m	20:01	34m	20:36	37m	21:14	40m	21:54	11h 06m	7h 20m				Mo, 31. Mrz
Di, 1. Apr	MESZ	00:53* – 05:13*	4h 20m	M↘ bis AN–		08:11	—:—	05:15	40m	05:56	37m	06:34	34m	07:08	12h 54m	20:03	34m	20:37	38m	21:15	41m	21:56	11h 03m	7h 16m				Di, 1. Apr
Mi, 2. Apr	MESZ	02:15* – 05:10*	2h 54m	M↘ bis AN–		08:44	00:53	05:13	41m	05:54	38m	06:32	34m	07:06	12h 58m	20:04	34m	20:39	38m	21:17	41m	21:58	10h 59m	7h 11m				Mi, 2. Apr
Do, 3. Apr	MESZ	03:23* – 05:07*	1h 43m	M↘ bis AN–		09:30	02:15	05:10	41m	05:51	38m	06:30	34m	07:04	13h 01m	20:06	34m	20:40	38m	21:19	41m	22:00	10h 55m	7h 07m				Do, 3. Apr
Fr, 4. Apr	MESZ	04:14* – 05:05*	50m	M↘ bis AN–		10:30	03:23	05:07	41m	05:49	38m	06:27	34m	07:02	13h 05m	20:07	34m	20:42	38m	21:20	41m	22:02	10h 52m	7h 02m				Fr, 4. Apr
Sa, 5. Apr	MESZ	04:49* – 05:02*	12m	M↘ bis AN–	◐	11:42	04:14	05:05	41m	05:47	38m	06:25	34m	07:00	13h 09m	20:09	34m	20:44	38m	21:22	42m	22:04	10h 48m	6h 57m				Sa, 5. Apr
So, 6. Apr	MESZ	—:——:—	–	Mond stört		12:58	04:49	05:02	42m	05:44	38m	06:23	34m	06:58	13h 12m	20:10	34m	20:45	38m	21:24	42m	22:07	10h 45m	6h 53m				So, 6. Apr
Mo, 7. Apr	MESZ	—:——:—	–	Mond stört		14:15	05:15	05:00	42m	05:42	38m	06:21	34m	06:56	13h 16m	20:12	34m	20:47	39m	21:26	42m	22:09	10h 41m	6h 48m				Mo, 7. Apr
Di, 8. Apr	MESZ	—:——:—	–	Mond stört		15:29	05:34	04:57	42m	05:40	38m	06:19	34m	06:54	13h 19m	20:13	34m	20:48	39m	21:28	43m	22:11	10h 38m	6h 43m				Di, 8. Apr
Mi, 9. Apr	MESZ	—:——:—	–	Mond stört		16:40	05:48	04:54	43m	05:37	39m	06:17	34m	06:52	13h 23m	20:15	35m	20:50	39m	21:29	43m	22:13	10h 34m	6h 38m				Mi, 9. Apr
Do, 10. Apr	MESZ	—:——:—	–	Mond stört		17:49	06:01	04:52	43m	05:35	39m	06:14	35m	06:49	13h 26m	20:16	35m	20:52	39m	21:31	43m	22:15	10h 30m	6h 33m				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		18:56	06:13	04:49	43m	05:33	39m	06:12	35m	06:47	13h 30m	20:18	35m	20:53	39m	21:33	44m	22:17	10h 27m	6h 29m				Fr, 11. Apr
Sa, 12. Apr	MESZ	—:——:—	–	Mond stört		20:04	06:25	04:46	44m	05:30	39m	06:10	35m	06:45	13h 34m	20:19	35m	20:55	39m	21:35	44m	22:19	10h 23m	6h 24m				Sa, 12. Apr
So, 13. Apr	MESZ	—:——:—	–	Mond stört	○	21:13	06:38	04:44	44m	05:28	39m	06:08	35m	06:43	13h 37m	20:21	35m	20:56	40m	21:37	44m	22:22	10h 20m	6h 19m				So, 13. Apr
Mo, 14. Apr	MESZ	—:——:—	–	Mond stört		22:24	06:52	04:41	44m	05:26	40m	06:06	35m	06:41	13h 41m	20:22	35m	20:58	40m	21:39	45m	22:24	10h 16m	6h 14m				Mo, 14. Apr
Di, 15. Apr	MESZ	22:26 – 23:35	1h 08m	AN+ bis M↗		23:35	07:11	04:38	45m	05:23	40m	06:04	35m	06:39	13h 44m	20:24	35m	21:00	40m	21:40	45m	22:26	10h 13m	6h 09m				Di, 15. Apr
Mi, 16. Apr	MESZ	22:28 – 00:44*	2h 15m	AN+ bis M↗		—:—	07:35	04:35	45m	05:21	40m	06:02	35m	06:37	13h 48m	20:25	35m	21:01	40m	21:42	46m	22:28	10h 09m	6h 04m				Mi, 16. Apr
Do, 17. Apr	MESZ	22:31 – 01:48*	3h 16m	AN+ bis M↗		00:44	08:07	04:33	46m	05:19	40m	06:00	35m	06:35	13h 51m	20:27	36m	21:03	41m	21:44	46m	22:31	10h 06m	5h 59m				Do, 17. Apr
Fr, 18. Apr	MESZ	22:33 – 02:42*	4h 08m	AN+ bis M↗		01:48	08:51	04:30	46m	05:16	41m	05:57	36m	06:33	13h 55m	20:28	36m	21:05	41m	21:46	47m	22:33	10h 03m	5h 54m				Fr, 18. Apr
Sa, 19. Apr	MESZ	22:35 – 03:24*	4h 49m	AN+ bis M↗		02:42	09:48	04:27	47m	05:14	41m	05:55	36m	06:32	13h 58m	20:30	36m	21:06	41m	21:48	47m	22:35	9h 59m	5h 48m				Sa, 19. Apr
So, 20. Apr	MESZ	22:38 – 03:57*	5h 18m	AN+ bis M↗		03:24	10:57	04:24	47m	05:12	41m	05:53	36m	06:30	14h 01m	20:32	36m	21:08	41m	21:50	47m	22:38	9h 56m	5h 43m				So, 20. Apr
Mo, 21. Apr	MESZ	22:40 – 04:19*	5h 38m	AN+ bis AN−	◑	03:57	12:14	04:21	47m	05:09	41m	05:51	36m	06:28	14h 05m	20:33	36m	21:10	42m	21:52	48m	22:40	9h 52m	5h 38m				Mo, 21. Apr
Di, 22. Apr	MESZ	22:43 – 04:16*	5h 33m	AN+ bis AN−		04:21	13:34	04:19	48m	05:07	42m	05:49	36m	06:26	14h 08m	20:35	36m	21:11	42m	21:54	49m	22:43	9h 49m	5h 33m				Di, 22. Apr
Mi, 23. Apr	MESZ	22:45 – 04:13*	5h 27m	AN+ bis AN−		04:41	14:57	04:16	48m	05:05	42m	05:47	36m	06:24	14h 12m	20:36	36m	21:13	42m	21:56	49m	22:45	9h 46m	5h 27m				Mi, 23. Apr
Do, 24. Apr	MESZ	22:48 – 04:10*	5h 22m	AN+ bis AN−		04:58	16:20	04:13	49m	05:03	42m	05:45	36m	06:22	14h 15m	20:38	37m	21:15	42m	21:58	50m	22:48	9h 42m	5h 22m				Do, 24. Apr
Fr, 25. Apr	MESZ	22:50 – 04:07*	5h 17m	AN+ bis AN−		05:13	17:45	04:10	50m	05:00	42m	05:43	37m	06:20	14h 18m	20:39	37m	21:16	43m	22:00	50m	22:50	9h 39m	5h 17m				Fr, 25. Apr
Sa, 26. Apr	MESZ	22:53 – 04:04*	5h 11m	AN+ bis AN−		05:29	19:13	04:07	50m	04:58	43m	05:41	37m	06:18	14h 22m	20:41	37m	21:18	43m	22:01	51m	22:53	9h 36m	5h 11m				Sa, 26. Apr
So, 27. Apr	MESZ	22:55 – 04:02*	5h 06m	AN+ bis AN−	●	05:47	20:45	04:04	51m	04:56	43m	05:39	37m	06:17	14h 25m	20:42	37m	21:20	43m	22:03	51m	22:55	9h 32m	5h 06m				So, 27. Apr
Mo, 28. Apr	MESZ	22:58 – 03:59*	5h 00m	AN+ bis AN−		06:09	22:18	04:02	51m	04:53	43m	05:37	37m	06:15	14h 28m	20:44	37m	21:21	44m	22:05	52m	22:58	9h 29m	5h 00m				Mo, 28. Apr
Di, 29. Apr	MESZ	23:48 – 03:56*	4h 07m	M↘ bis AN−		06:38	23:48	03:59	52m	04:51	44m	05:35	37m	06:13	14h 31m	20:45	37m	21:23	44m	22:07	53m	23:01	9h 26m	4h 55m				Di, 29. Apr
Mi, 30. Apr	MESZ	01:07* – 03:53*	2h 46m	M↘ bis AN−		07:19	—:—	03:56	53m	04:49	44m	05:33	37m	06:11	14h 35m	20:46	38m	21:25	44m	22:09	53m	23:03	9h 23m	4h 49m				Mi, 30. Apr
Do, 1. Mai	MESZ	02:06* – 03:50*	1h 43m	M↘ bis AN−		08:15	01:07	03:53	53m	04:47	44m	05:31	38m	06:10	14h 38m	20:48	38m	21:26	45m	22:11	54m	23:06	9h 19m	4h 43m				Do, 1. Mai
Fr, 2. Mai	MESZ	02:49* – 03:47*	58m	M↘ bis AN−		09:26	02:06	03:50	54m	04:44	45m	05:30	38m	06:08	14h 41m	20:49	38m	21:28	45m	22:13	55m	23:09	9h 16m	4h 38m				Fr, 2. Mai
Sa, 3. Mai	MESZ	03:18* – 03:44*	25m	M↘ bis AN−		10:43	02:49	03:47	55m	04:42	45m	05:28	38m	06:06	14h 44m	20:51	38m	21:30	45m	22:15	56m	23:12	9h 13m	4h 32m				Sa, 3. Mai
So, 4. Mai	MESZ	03:39* – 03:41*	1m	M↘ bis AN−	◐	12:02	03:18	03:44	56m	04:40	45m	05:26	38m	06:05	14h 47m	20:52	38m	21:31	46m	22:17	56m	23:14	9h 10m	4h 26m				So, 4. Mai
Mo, 5. Mai	MESZ	—:——:—	–	Mond stört		13:18	03:39	03:41	56m	04:38	46m	05:24	38m	06:03	14h 50m	20:54	39m	21:33	46m	22:19	57m	23:17	9h 07m	4h 20m				Mo, 5. Mai
Di, 6. Mai	MESZ	—:——:—	–	Mond stört		14:31	03:56	03:38	57m	04:36	46m	05:22	39m	06:01	14h 53m	20:55	39m	21:35	46m	22:21	58m	23:20	9h 04m	4h 14m				Di, 6. Mai
Mi, 7. Mai	MESZ	—:——:—	–	Mond stört		15:40	04:09	03:35	58m	04:34	46m	05:20	39m	06:00	14h 57m	20:57	39m	21:36	47m	22:23	59m	23:23	9h 01m	4h 09m				Mi, 7. Mai
Do, 8. Mai	MESZ	—:——:—	–	Mond stört		16:48	04:21	03:32	59m	04:31	47m	05:19	39m	05:58	14h 59m	20:58	39m	21:38	47m	22:25	1h 00m	23:26	8h 58m	4h 03m				Do, 8. Mai
Fr, 9. Mai	MESZ	—:——:—	–	Mond stört		17:55	04:33	03:29	1h 00m	04:29	47m	05:17	39m	05:57	15h 02m	21:00	39m	21:39	48m	22:27	1h 01m	23:29	8h 55m	3h 57m				Fr, 9. Mai
Sa, 10. Mai	MESZ	—:——:—	–	Mond stört		19:03	04:46	03:26	1h 01m	04:27	47m	05:15	39m	05:55	15h 05m	21:01	40m	21:41	48m	22:29	1h 02m	23:32	8h 52m	3h 50m				Sa, 10. Mai
So, 11. Mai	MESZ	—:——:—	–	Mond stört		20:13	05:00	03:23	1h 02m	04:25	48m	05:14	40m	05:54	15h 08m	21:02	40m	21:43	48m	22:31	1h 03m	23:35	8h 49m	3h 44m				So, 11. Mai
Mo, 12. Mai	MESZ	—:——:—	–	Mond stört	○	21:24	05:17	03:20	1h 03m	04:23	48m	05:12	40m	05:52	15h 11m	21:04	40m	21:44	49m	22:33	1h 04m	23:38	8h 47m	3h 38m				Mo, 12. Mai
Di, 13. Mai	MESZ	—:——:—	–	Mond stört		22:34	05:39	03:17	1h 04m	04:21	49m	05:10	40m	05:51	15h 14m	21:05	40m	21:46	49m	22:35	1h 05m	23:41	8h 44m	3h 32m				Di, 13. Mai
Mi, 14. Mai	MESZ	—:——:—	–	Mond stört		23:40	06:09	03:14	1h 05m	04:19	49m	05:09	40m	05:49	15h 17m	21:07	40m	21:47	49m	22:37	1h 06m	23:44	8h 41m	3h 26m				Mi, 14. Mai
Do, 15. Mai	MESZ	23:48 – 00:37*	49m	AN+ bis M↗		—:—	06:50	03:10	1h 06m	04:17	49m	05:07	40m	05:48	15h 19m	21:08	41m	21:49	50m	22:39	1h 08m	23:48	8h 38m	3h 19m				Do, 15. Mai
Fr, 16. Mai	MESZ	23:51 – 01:23*	1h 32m	AN+ bis M↗		00:37	07:43	03:07	1h 08m	04:15	50m	05:06	41m	05:47	15h 22m	21:09	41m	21:51	50m	22:41	1h 09m	23:51	8h 36m	3h 13m				Fr, 16. Mai
Sa, 17. Mai	MESZ	23:54 – 01:58*	2h 04m	AN+ bis M↗		01:23	08:48	03:04	1h 09m	04:13	50m	05:04	41m	05:45	15h 25m	21:11	41m	21:52	51m	22:43	1h 10m	23:54	8h 33m	3h 06m				Sa, 17. Mai
So, 18. Mai	MESZ	23:57 – 02:25*	2h 27m	AN+ bis M↗		01:58	10:01	03:01	1h 10m	04:12	51m	05:03	41m	05:44	15h 27m	21:12	41m	21:54	51m	22:45	1h 12m	23:57	8h 31m	3h 00m				So, 18. Mai
Mo, 19. Mai	MESZ	00:01* – 02:45*	2h 44m	AN+ bis M↗		02:25	11:19	02:58	1h 12m	04:10	51m	05:01	41m	05:43	15h 30m	21:13	41m	21:55	52m	22:47	1h 13m	00:01*	8h 28m	2h 53m				Mo, 19. Mai
Di, 20. Mai	MESZ	00:04* – 02:51*	2h 46m	AN+ bis AN−	◑	02:45	12:38	02:54	1h 13m	04:08	52m	05:00	41m	05:42	15h 32m	21:14	42m	21:57	52m	22:49	1h 15m	00:04*	8h 26m	2h 46m				Di, 20. Mai
Mi, 21. Mai	MESZ	00:08* – 02:48*	2h 39m	AN+ bis AN−		03:02	13:58	02:51	1h 15m	04:06	52m	04:59	42m	05:41	15h 35m	21:16	42m	21:58	52m	22:51	1h 16m	00:08*	8h 23m	2h 39m				Mi, 21. Mai
Do, 22. Mai	MESZ	00:11* – 02:44*	2h 32m	AN+ bis AN−		03:18	15:20	02:48	1h 16m	04:04	52m	04:57	42m	05:40	15h 37m	21:17	42m	22:00	53m	22:53	1h 18m	00:11*	8h 21m	2h 32m				Do, 22. Mai
Fr, 23. Mai	MESZ	00:15* – 02:41*	2h 25m	AN+ bis AN−		03:33	16:43	02:44	1h 18m	04:03	53m	04:56	42m	05:39	15h 39m	21:18	42m	22:01	53m	22:55	1h 20m	00:15*	8h 19m	2h 25m				Fr, 23. Mai
Sa, 24. Mai	MESZ	00:19* – 02:37*	2h 18m	AN+ bis AN−		03:49	18:10	02:41	1h 20m	04:01	53m	04:55	42m	05:37	15h 41m	21:19	42m	22:02	54m	22:57	1h 22m	00:19*	8h 17m	2h 18m				Sa, 24. Mai
So, 25. Mai	MESZ	00:23* – 02:34*	2h 10m	AN+ bis AN−		04:08	19:42	02:37	1h 22m	03:59	54m	04:54	42m	05:37	15h 44m	21:21	43m	22:04	54m	22:58	1h 24m	00:23*	8h 15m	2h 10m				So, 25. Mai
Mo, 26. Mai	MESZ	00:27* – 02:30*	2h 03m	AN+ bis AN−		04:34	21:14	02:34	1h 24m	03:58	54m	04:52	43m	05:36	15h 46m	21:22	43m	22:05	55m	23:00	1h 26m	00:27*	8h 12m	2h 03m				Mo, 26. Mai
Di, 27. Mai	MESZ	00:31* – 02:26*	1h 55m	AN+ bis AN−	●	05:09	22:39	02:30	1h 26m	03:56	55m	04:51	43m	05:35	15h 48m	21:23	43m	22:06	55m	23:02	1h 28m	00:31*	8h 10m	1h 55m				Di, 27. Mai
Mi, 28. Mai	MESZ	00:35* – 02:22*	1h 47m	AN+ bis AN−		05:58	23:50	02:26	1h 28m	03:55	55m	04:50	43m	05:34	15h 50m	21:24	43m	22:08	55m	23:04	1h 31m	00:35*	8h 09m	1h 47m				Mi, 28. Mai
Do, 29. Mai	MESZ	00:41* – 02:18*	1h 36m	M↘ bis AN−		07:03	—:—	02:22	1h 31m	03:53	55m	04:49	43m	05:33	15h 52m	21:25	43m	22:09	56m	23:05	1h 33m	00:39*	8h 07m	1h 39m				Do, 29. Mai
Fr, 30. Mai	MESZ	01:17* – 02:14*	56m	M↘ bis AN−		08:21	00:41	02:18	1h 33m	03:52	56m	04:48	43m	05:32	15h 53m	21:26	44m	22:10	56m	23:07	1h 36m	00:44*	8h 05m	1h 30m				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		Δt		Ph.	↗	↘	Astr.	Δt	Naut.	Δt	Bürg.	Δt	↗	Δt	↘	Δt	Bürg.	Δt	Naut.	Δt	Astr.	Δt	Δt		Δt		
Sa, 31. Mai	MESZ	01:42* – 02:09*	*27m*	M↘ *bis* AN_		09:42	01:17	02:14	*1h 36m*	03:51	*56m*	04:47	*44m*	05:31	*15h 55m*	21:27	*44m*	22:11	*57m*	23:08	*1h 39m*	00:48*	*8h 03m*	*1h 21m*				Sa, 31. Mai
So, 1. Jun	MESZ	02:01* – 02:05*	*3m*	M↘ *bis* AN_		11:02	01:42	02:09	*1h 39m*	03:49	*57m*	04:46	*44m*	05:31	*15h 57m*	21:28	*44m*	22:12	*57m*	23:10	*1h 43m*	00:54*	*8h 01m*	*1h 11m*				So, 1. Jun
Mo, 2. Jun	MESZ	—:——:—	–	Mond stört		12:17	02:01	02:05	*1h 43m*	03:48	*57m*	04:46	*44m*	05:30	*15h 58m*	21:29	*44m*	22:14	*57m*	23:11	*1h 47m*	00:59*	*8h 00m*	*1h 00m*				Mo, 2. Jun
Di, 3. Jun	MESZ	—:——:—	–	Mond stört	◐	13:28	02:15	01:59	*1h 47m*	03:47	*57m*	04:45	*44m*	05:29	*16h 00m*	21:30	*44m*	22:15	*58m*	23:13	*1h 52m*	01:06*	*7h 58m*	*47m*				Di, 3. Jun
Mi, 4. Jun	MESZ	—:——:—	–	Mond stört		14:37	02:28	01:53	*1h 52m*	03:46	*58m*	04:44	*44m*	05:29	*16h 02m*	21:31	*44m*	22:16	*58m*	23:14	*2h 00m*	01:14*	*7h 57m*	*30m*				Mi, 4. Jun
Do, 5. Jun	MESZ			Astr. MD		15:45	02:40	01:45	*2h 00m*	03:45	*58m*	04:43	*44m*	05:28	*16h 03m*	21:32	*45m*	22:17	*58m*	23:16		—:—	*7h 56m*		02:53* – 03:44*	*51m*	M↘ *bis* ND_	Do, 5. Jun
Fr, 6. Jun	MESZ			Astr. MD		16:53	02:53	—:—		03:44	*58m*	04:43	*45m*	05:28	*16h 04m*	21:33	*45m*	22:18	*59m*	23:17		—:—	*7h 54m*		03:06* – 03:43*	*36m*	M↘ *bis* ND_	Fr, 6. Jun
Sa, 7. Jun	MESZ			Astr. MD		18:02	03:06	—:—		03:43	*59m*	04:42	*45m*	05:27	*16h 05m*	21:33	*45m*	22:19	*59m*	23:18		—:—	*7h 53m*		03:23* – 03:42*	*19m*	M↘ *bis* ND_	Sa, 7. Jun
So, 8. Jun	MESZ			Astr. MD		19:12	03:23	—:—		03:42	*59m*	04:42	*45m*	05:27	*16h 07m*	21:34	*45m*	22:19	*59m*	23:19		—:—	*7h 52m*		—:——:—	–	Mond stört	So, 8. Jun
Mo, 9. Jun	MESZ			Astr. MD		20:23	03:43	—:—		03:41	*59m*	04:41	*45m*	05:27	*16h 08m*	21:35	*45m*	22:20	*1h 00m*	23:20		—:—	*7h 51m*		—:——:—	–	Mond stört	Mo, 9. Jun
Di, 10. Jun	MESZ			Astr. MD		21:31	04:11	—:—		03:41	*1h 00m*	04:41	*45m*	05:26	*16h 09m*	21:35	*45m*	22:21	*1h 00m*	23:21		—:—	*7h 50m*		—:——:—	–	Mond stört	Di, 10. Jun
Mi, 11. Jun	MESZ			Astr. MD	○	22:32	04:48	—:—		03:40	*1h 00m*	04:40	*45m*	05:26	*16h 10m*	21:36	*45m*	22:22	*1h 00m*	23:22		—:—	*7h 49m*		—:——:—	–	Mond stört	Mi, 11. Jun
Do, 12. Jun	MESZ			Astr. MD		23:22	05:37	—:—		03:40	*1h 00m*	04:40	*45m*	05:26	*16h 10m*	21:37	*45m*	22:22	*1h 00m*	23:23		—:—	*7h 49m*		—:——:—	–	Mond stört	Do, 12. Jun
Fr, 13. Jun	MESZ			Astr. MD		—:—	06:40	—:—		03:39	*1h 00m*	04:40	*45m*	05:26	*16h 11m*	21:37	*45m*	22:23	*1h 00m*	23:24		—:—	*7h 48m*		23:24 – 00:00*	*35m*	ND+ *bis* M↗	Fr, 13. Jun
Sa, 14. Jun	MESZ			Astr. MD		00:00	07:52	—:—		03:39	*1h 00m*	04:40	*45m*	05:26	*16h 12m*	21:38	*45m*	22:24	*1h 01m*	23:25		—:—	*7h 47m*		23:25 – 00:29*	*1h 03m*	ND+ *bis* M↗	Sa, 14. Jun
So, 15. Jun	MESZ			Astr. MD		00:29	09:09	—:—		03:38	*1h 01m*	04:40	*45m*	05:25	*16h 12m*	21:38	*45m*	22:24	*1h 01m*	23:25		—:—	*7h 47m*		23:25 – 00:51*	*1h 25m*	ND+ *bis* M↗	So, 15. Jun
Mo, 16. Jun	MESZ			Astr. MD		00:51	10:28	—:—		03:38	*1h 01m*	04:39	*45m*	05:25	*16h 13m*	21:39	*46m*	22:25	*1h 01m*	23:26		—:—	*7h 46m*		23:26 – 01:08*	*1h 42m*	ND+ *bis* M↗	Mo, 16. Jun
Di, 17. Jun	MESZ			Astr. MD		01:08	11:46	—:—		03:38	*1h 01m*	04:39	*46m*	05:25	*16h 13m*	21:39	*46m*	22:25	*1h 01m*	23:27		—:—	*7h 46m*		23:27 – 01:24*	*1h 57m*	ND+ *bis* M↗	Di, 17. Jun
Mi, 18. Jun	MESZ			Astr. MD	◑	01:24	13:05	—:—		03:38	*1h 01m*	04:39	*46m*	05:26	*16h 13m*	21:39	*46m*	22:25	*1h 01m*	23:27		—:—	*7h 46m*		23:27 – 01:38*	*2h 11m*	ND+ *bis* M↗	Mi, 18. Jun
Do, 19. Jun	MESZ			Astr. MD		01:38	14:25	—:—		03:38	*1h 01m*	04:40	*46m*	05:26	*16h 14m*	21:40	*46m*	22:26	*1h 01m*	23:27		—:—	*7h 46m*		23:27 – 01:54*	*2h 26m*	ND+ *bis* M↗	Do, 19. Jun
Fr, 20. Jun	MESZ			Astr. MD		01:54	15:48	—:—		03:38	*1h 01m*	04:40	*46m*	05:26	*16h 14m*	21:40	*46m*	22:26	*1h 01m*	23:28		—:—	*7h 46m*		23:28 – 02:11*	*2h 43m*	ND+ *bis* M↗	Fr, 20. Jun
Sa, 21. Jun	MESZ			Astr. MD		02:11	17:14	—:—		03:38	*1h 01m*	04:40	*46m*	05:26	*16h 14m*	21:40	*46m*	22:26	*1h 01m*	23:28		—:—	*7h 46m*		23:28 – 02:33*	*3h 04m*	ND+ *bis* M↗	Sa, 21. Jun
So, 22. Jun	MESZ			Astr. MD		02:33	18:44	—:—		03:39	*1h 01m*	04:40	*46m*	05:26	*16h 14m*	21:40	*46m*	22:26	*1h 01m*	23:28		—:—	*7h 46m*		23:28 – 03:02*	*3h 33m*	ND+ *bis* M↗	So, 22. Jun
Mo, 23. Jun	MESZ			Astr. MD		03:02	20:11	—:—		03:39	*1h 01m*	04:40	*46m*	05:27	*16h 13m*	21:40	*46m*	22:27	*1h 01m*	23:28		—:—	*7h 46m*		23:28 – 03:39*	*4h 11m*	ND+ *bis* ND_	Mo, 23. Jun
Di, 24. Jun	MESZ			Astr. MD		03:43	21:29	—:—		03:39	*1h 01m*	04:41	*46m*	05:27	*16h 13m*	21:41	*46m*	22:27	*1h 01m*	23:28		—:—	*7h 46m*		23:28 – 03:40*	*4h 11m*	ND+ *bis* ND_	Di, 24. Jun
Mi, 25. Jun	MESZ			Astr. MD	●	04:41	22:29	—:—		03:40	*1h 01m*	04:41	*46m*	05:27	*16h 13m*	21:41	*45m*	22:27	*1h 01m*	23:28		—:—	*7h 47m*		23:28 – 03:40*	*4h 12m*	ND+ *bis* ND_	Mi, 25. Jun
Do, 26. Jun	MESZ			Astr. MD		05:54	23:12	—:—		03:40	*1h 01m*	04:42	*45m*	05:28	*16h 12m*	21:41	*45m*	22:26	*1h 01m*	23:28		—:—	*7h 47m*		23:28 – 03:41*	*4h 13m*	ND+ *bis* ND_	Do, 26. Jun
Fr, 27. Jun	MESZ			Astr. MD		07:15	23:42	—:—		03:41	*1h 01m*	04:42	*45m*	05:28	*16h 12m*	21:40	*45m*	22:26	*1h 01m*	23:27		—:—	*7h 48m*		23:42 – 03:42*	*3h 59m*	M↘ *bis* ND_	Fr, 27. Jun
Sa, 28. Jun	MESZ			Astr. MD		08:38	—:—	—:—		03:42	*1h 01m*	04:43	*45m*	05:29	*16h 11m*	21:40	*45m*	22:26	*1h 00m*	23:27		—:—	*7h 48m*		00:04* – 03:43*	*3h 39m*	M↘ *bis* ND_	Sa, 28. Jun
So, 29. Jun	MESZ			Astr. MD		09:57	00:04	—:—		03:43	*1h 00m*	04:43	*45m*	05:29	*16h 11m*	21:40	*45m*	22:26	*1h 00m*	23:27		—:—	*7h 49m*		00:20* – 03:43*	*3h 23m*	M↘ *bis* ND_	So, 29. Jun
Mo, 30. Jun	MESZ			Astr. MD		11:12	00:20	—:—		03:43	*1h 00m*	04:44	*45m*	05:30	*16h 10m*	21:40	*45m*	22:26	*1h 00m*	23:26		—:—	*7h 50m*		00:34* – 03:44*	*3h 10m*	M↘ *bis* ND_	Mo, 30. Jun
Di, 1. Jul	MESZ			Astr. MD		12:23	00:34	—:—		03:44	*1h 00m*	04:45	*45m*	05:30	*16h 09m*	21:40	*45m*	22:25	*1h 00m*	23:25		—:—	*7h 51m*		00:46* – 03:45*	*2h 58m*	M↘ *bis* ND_	Di, 1. Jul
Mi, 2. Jul	MESZ			Astr. MD	◐	13:32	00:46	—:—		03:45	*1h 00m*	04:45	*45m*	05:31	*16h 08m*	21:39	*45m*	22:25	*59m*	23:25		—:—	*7h 52m*		00:59* – 03:46*	*2h 47m*	M↘ *bis* ND_	Mi, 2. Jul
Do, 3. Jul	MESZ			Astr. MD		14:40	00:59	—:—		03:46	*59m*	04:46	*45m*	05:32	*16h 07m*	21:39	*45m*	22:24	*59m*	23:24		—:—	*7h 53m*		01:12* – 03:48*	*2h 35m*	M↘ *bis* ND_	Do, 3. Jul
Fr, 4. Jul	MESZ			Astr. MD		15:49	01:12	—:—		03:48	*59m*	04:47	*45m*	05:32	*16h 06m*	21:39	*45m*	22:24	*59m*	23:23		—:—	*7h 54m*		01:27* – 03:49*	*2h 21m*	M↘ *bis* ND_	Fr, 4. Jul
Sa, 5. Jul	MESZ			Astr. MD		16:59	01:27	—:—		03:49	*59m*	04:48	*45m*	05:33	*16h 05m*	21:38	*45m*	22:23	*58m*	23:22		—:—	*7h 55m*		01:46* – 03:50*	*2h 03m*	M↘ *bis* ND_	Sa, 5. Jul
So, 6. Jul	MESZ	—:——:—	–	Mond stört		18:10	01:46	—:—		03:50	*58m*	04:49	*45m*	05:34	*16h 03m*	21:38	*44m*	22:23	*58m*	23:21	*2h 02m*	01:24*	*7h 57m*	*24m*				So, 6. Jul
Mo, 7. Jul	MESZ	—:——:—	–	Mond stört		19:19	02:11	01:48	*2h 02m*	03:51	*58m*	04:50	*44m*	05:35	*16h 02m*	21:37	*44m*	22:22	*58m*	23:20	*1h 54m*	01:15*	*7h 58m*	*43m*				Mo, 7. Jul
Di, 8. Jul	MESZ	—:——:—	–	Mond stört		20:23	02:44	01:58	*1h 54m*	03:53	*58m*	04:51	*44m*	05:36	*16h 00m*	21:37	*44m*	22:21	*57m*	23:19	*1h 49m*	01:08*	*7h 59m*	*56m*				Di, 8. Jul
Mi, 9. Jul	MESZ	—:——:—	–	Mond stört		21:17	03:30	02:05	*1h 49m*	03:54	*57m*	04:52	*44m*	05:37	*15h 59m*	21:36	*44m*	22:20	*57m*	23:18	*1h 44m*	01:03*	*8h 01m*	*1h 07m*				Mi, 9. Jul
Do, 10. Jul	MESZ	—:——:—	–	Mond stört	○	22:00	04:29	02:11	*1h 44m*	03:55	*57m*	04:53	*44m*	05:37	*15h 57m*	21:35	*44m*	22:20	*57m*	23:17	*1h 41m*	00:58*	*8h 03m*	*1h 18m*				Do, 10. Jul
Fr, 11. Jul	MESZ	—:——:—	–	Mond stört		22:32	05:39	02:16	*1h 41m*	03:57	*57m*	04:54	*44m*	05:38	*15h 56m*	21:35	*44m*	22:19	*56m*	23:16	*1h 37m*	00:53*	*8h 04m*	*1h 27m*				Fr, 11. Jul
Sa, 12. Jul	MESZ	—:——:—	–	Mond stört		22:56	06:56	02:21	*1h 37m*	03:58	*56m*	04:55	*44m*	05:39	*15h 54m*	21:34	*43m*	22:18	*56m*	23:14	*1h 34m*	00:49*	*8h 06m*	*1h 36m*				Sa, 12. Jul
So, 13. Jul	MESZ	—:——:—	–	Mond stört		23:15	08:16	02:25	*1h 34m*	04:00	*56m*	04:56	*43m*	05:40	*15h 52m*	21:33	*43m*	22:17	*56m*	23:13	*1h 32m*	00:45*	*8h 08m*	*1h 44m*				So, 13. Jul
Mo, 14. Jul	MESZ	—:——:—	–	Mond stört		23:31	09:35	02:30	*1h 32m*	04:02	*56m*	04:58	*43m*	05:41	*15h 50m*	21:32	*43m*	22:16	*55m*	23:11	*1h 29m*	00:41*	*8h 10m*	*1h 52m*				Mo, 14. Jul
Di, 15. Jul	MESZ	—:——:—	–	Mond stört		23:45	10:55	02:34	*1h 29m*	04:03	*55m*	04:59	*43m*	05:43	*15h 48m*	21:31	*43m*	22:15	*55m*	23:10	*1h 27m*	00:37*	*8h 12m*	*2h 00m*				Di, 15. Jul
Mi, 16. Jul	MESZ	—:——:—	–	Mond stört		—:—	12:14	02:38	*1h 27m*	04:05	*55m*	05:00	*43m*	05:44	*15h 46m*	21:30	*43m*	22:14	*54m*	23:08	*1h 24m*	00:33*	*8h 14m*	*2h 08m*				Mi, 16. Jul
Do, 17. Jul	MESZ	—:——:—	–	Mond stört		00:00	13:35	02:42	*1h 24m*	04:07	*54m*	05:02	*43m*	05:45	*15h 44m*	21:29	*43m*	22:12	*54m*	23:07	*1h 22m*	00:30*	*8h 16m*	*2h 15m*				Do, 17. Jul
Fr, 18. Jul	MESZ	00:26* – 00:35*	*9m*	AN+ *bis* M↗	◑	00:16	14:58	02:46	*1h 22m*	04:08	*54m*	05:03	*43m*	05:46	*15h 42m*	21:28	*42m*	22:11	*53m*	23:05	*1h 20m*	00:26*	*8h 18m*	*2h 23m*				Fr, 18. Jul
Sa, 19. Jul	MESZ	00:23* – 01:01*	*38m*	AN+ *bis* M↗		00:35	16:25	02:49	*1h 21m*	04:10	*53m*	05:04	*42m*	05:47	*15h 40m*	21:27	*42m*	22:10	*53m*	23:04	*1h 19m*	00:23*	*8h 20m*	*2h 30m*				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	00:19* – 01:36*	1h 16m	AN+ bis M↗		01:01	17:51	02:53	1h 19m	04:12	53m	05:06	42m	05:48	15h 38m	21:26	42m	22:09	53m	23:02	1h 17m	00:19*	8h 23m	2h 37m				So, 20. Jul
Mo, 21. Jul	MESZ	00:16* – 02:25*	2h 09m	AN+ bis M↗		01:36	19:11	02:56	1h 17m	04:14	53m	05:07	42m	05:49	15h 35m	21:25	42m	22:07	52m	23:00	1h 15m	00:16*	8h 25m	2h 44m				Mo, 21. Jul
Di, 22. Jul	MESZ	00:13* – 03:03*	2h 50m	AN+ bis AN–		02:25	20:17	03:00	1h 15m	04:16	52m	05:08	42m	05:51	15h 33m	21:24	42m	22:06	52m	22:58	1h 14m	00:13*	8h 27m	2h 50m				Di, 22. Jul
Mi, 23. Jul	MESZ	00:09* – 03:07*	2h 57m	AN+ bis AN–		03:31	21:06	03:03	1h 14m	04:18	52m	05:10	42m	05:52	15h 31m	21:23	41m	22:05	51m	22:57	1h 12m	00:09*	8h 30m	2h 57m				Mi, 23. Jul
Do, 24. Jul	MESZ	00:06* – 03:10*	3h 04m	AN+ bis AN–	●	04:49	21:41	03:07	1h 12m	04:19	51m	05:11	41m	05:53	15h 28m	21:22	41m	22:03	51m	22:55	1h 11m	00:06*	8h 32m	3h 04m				Do, 24. Jul
Fr, 25. Jul	MESZ	00:03* – 03:13*	3h 10m	AN+ bis AN–		06:12	22:06	03:10	1h 11m	04:21	51m	05:13	41m	05:54	15h 26m	21:20	41m	22:02	50m	22:53	1h 09m	00:03*	8h 35m	3h 10m				Fr, 25. Jul
Sa, 26. Jul	MESZ	00:00* – 03:17*	3h 17m	AN+ bis AN–		07:34	22:24	03:13	1h 09m	04:23	50m	05:14	41m	05:56	15h 23m	21:19	41m	22:00	50m	22:51	1h 08m	00:00*	8h 37m	3h 17m				Sa, 26. Jul
So, 27. Jul	MESZ	23:56 – 03:20*	3h 23m	AN+ bis AN–		08:51	22:39	03:17	1h 08m	04:25	50m	05:16	41m	05:57	15h 20m	21:18	40m	21:59	50m	22:49	1h 07m	23:56	8h 40m	3h 23m				So, 27. Jul
Mo, 28. Jul	MESZ	23:53 – 03:23*	3h 29m	AN+ bis AN–		10:05	22:52	03:20	1h 07m	04:27	50m	05:17	40m	05:58	15h 18m	21:16	40m	21:57	49m	22:47	1h 06m	23:53	8h 43m	3h 29m				Mo, 28. Jul
Di, 29. Jul	MESZ	23:50 – 03:26*	3h 35m	AN+ bis AN–		11:15	23:04	03:23	1h 06m	04:29	49m	05:19	40m	06:00	15h 15m	21:15	40m	21:56	49m	22:45	1h 05m	23:50	8h 45m	3h 35m				Di, 29. Jul
Mi, 30. Jul	MESZ	23:47 – 03:29*	3h 42m	AN+ bis AN–		12:25	23:17	03:26	1h 05m	04:31	49m	05:20	40m	06:01	15h 12m	21:14	40m	21:54	48m	22:43	1h 03m	23:47	8h 48m	3h 42m				Mi, 30. Jul
Do, 31. Jul	MESZ	23:44 – 03:32*	3h 48m	AN+ bis AN–		13:34	23:32	03:29	1h 03m	04:33	48m	05:22	40m	06:02	15h 09m	21:12	40m	21:52	48m	22:41	1h 02m	23:44	8h 51m	3h 48m				Do, 31. Jul
Fr, 1. Aug	MESZ	23:49 – 03:35*	3h 46m	M↘ bis AN–	◐	14:44	23:49	03:32	1h 02m	04:35	48m	05:23	40m	06:04	15h 07m	21:11	39m	21:51	48m	22:39	1h 01m	23:41	8h 54m	3h 54m				Fr, 1. Aug
Sa, 2. Aug	MESZ	00:11* – 03:38*	3h 26m	M↘ bis AN–		15:55	—:—	03:35	1h 01m	04:37	48m	05:25	39m	06:05	15h 04m	21:09	39m	21:49	47m	22:37	1h 00m	23:38	8h 57m	4h 00m				Sa, 2. Aug
So, 3. Aug	MESZ	00:40* – 03:41*	3h 00m	M↘ bis AN–		17:05	00:11	03:38	1h 00m	04:39	47m	05:27	39m	06:06	15h 01m	21:08	39m	21:47	47m	22:35	59m	23:35	8h 59m	4h 06m				So, 3. Aug
Mo, 4. Aug	MESZ	01:21* – 03:44*	2h 22m	M↘ bis AN–		18:11	00:40	03:41	59m	04:41	47m	05:28	39m	06:08	14h 58m	21:06	39m	21:45	47m	22:33	59m	23:32	9h 02m	4h 12m				Mo, 4. Aug
Di, 5. Aug	MESZ	02:14* – 03:46*	1h 32m	M↘ bis AN–		19:09	01:21	03:44	59m	04:43	47m	05:30	39m	06:09	14h 55m	21:05	39m	21:44	46m	22:30	58m	23:29	9h 05m	4h 17m				Di, 5. Aug
Mi, 6. Aug	MESZ	03:20* – 03:49*	28m	M↘ bis AN–		19:56	02:14	03:46	58m	04:45	46m	05:31	39m	06:10	14h 52m	21:03	38m	21:42	46m	22:28	57m	23:26	9h 08m	4h 23m				Mi, 6. Aug
Do, 7. Aug	MESZ	—:——:—	–	Mond stört		20:32	03:20	03:49	57m	04:46	46m	05:33	38m	06:12	14h 49m	21:01	38m	21:40	45m	22:26	56m	23:23	9h 11m	4h 29m				Do, 7. Aug
Fr, 8. Aug	MESZ	—:——:—	–	Mond stört		20:59	04:36	03:52	56m	04:48	45m	05:34	38m	06:13	14h 46m	21:00	38m	21:38	45m	22:24	55m	23:20	9h 15m	4h 35m				Fr, 8. Aug
Sa, 9. Aug	MESZ	—:——:—	–	Mond stört	○	21:20	05:57	03:55	55m	04:50	45m	05:36	38m	06:15	14h 43m	20:58	38m	21:36	45m	22:22	54m	23:17	9h 18m	4h 40m				Sa, 9. Aug
So, 10. Aug	MESZ	—:——:—	–	Mond stört		21:37	07:19	03:57	55m	04:52	45m	05:38	38m	06:16	14h 40m	20:56	38m	21:34	44m	22:19	54m	23:14	9h 21m	4h 46m				So, 10. Aug
Mo, 11. Aug	MESZ	—:——:—	–	Mond stört		21:52	08:40	04:00	54m	04:54	44m	05:39	38m	06:17	14h 36m	20:54	38m	21:32	44m	22:17	53m	23:11	9h 24m	4h 51m				Mo, 11. Aug
Di, 12. Aug	MESZ	—:——:—	–	Mond stört		22:07	10:01	04:03	53m	04:56	44m	05:41	38m	06:19	14h 33m	20:53	37m	21:31	44m	22:15	52m	23:08	9h 27m	4h 57m				Di, 12. Aug
Mi, 13. Aug	MESZ	—:——:—	–	Mond stört		22:23	11:23	04:05	52m	04:58	44m	05:42	37m	06:20	14h 30m	20:51	37m	21:29	44m	22:13	52m	23:05	9h 30m	5h 02m				Mi, 13. Aug
Do, 14. Aug	MESZ	—:——:—	–	Mond stört		22:41	12:46	04:08	52m	05:00	44m	05:44	37m	06:22	14h 27m	20:49	37m	21:27	43m	22:10	51m	23:02	9h 34m	5h 08m				Do, 14. Aug
Fr, 15. Aug	MESZ	22:59 – 23:04	4m	AN+ bis M↗		23:04	14:12	04:10	51m	05:02	43m	05:46	37m	06:23	14h 24m	20:47	37m	21:25	43m	22:08	51m	22:59	9h 37m	5h 13m				Fr, 15. Aug
Sa, 16. Aug	MESZ	22:56 – 23:35	38m	AN+ bis M↗	◑	23:35	15:38	04:13	51m	05:04	43m	05:47	37m	06:25	14h 20m	20:45	37m	21:23	43m	22:06	50m	22:56	9h 40m	5h 19m				Sa, 16. Aug
So, 17. Aug	MESZ	22:53 – 00:19*	1h 25m	AN+ bis M↗		—:—	17:00	04:15	50m	05:06	43m	05:49	37m	06:26	14h 17m	20:44	37m	21:21	42m	22:03	49m	22:53	9h 43m	5h 24m				So, 17. Aug
Mo, 18. Aug	MESZ	22:50 – 01:18*	2h 27m	AN+ bis M↗		00:19	18:10	04:18	49m	05:08	42m	05:50	37m	06:27	14h 14m	20:42	36m	21:19	42m	22:01	49m	22:50	9h 47m	5h 29m				Mo, 18. Aug
Di, 19. Aug	MESZ	22:48 – 02:30*	3h 42m	AN+ bis M↗		01:18	19:03	04:20	49m	05:09	42m	05:52	36m	06:29	14h 10m	20:40	36m	21:17	42m	21:59	48m	22:48	9h 50m	5h 34m				Di, 19. Aug
Mi, 20. Aug	MESZ	22:45 – 03:51*	5h 05m	AN+ bis M↗		02:30	19:41	04:22	48m	05:11	42m	05:54	36m	06:30	14h 07m	20:38	36m	21:14	42m	21:56	48m	22:45	9h 53m	5h 40m				Mi, 20. Aug
Do, 21. Aug	MESZ	22:42 – 04:27*	5h 45m	AN+ bis AN–		03:51	20:09	04:25	48m	05:13	42m	05:55	36m	06:32	14h 04m	20:36	36m	21:12	41m	21:54	47m	22:42	9h 57m	5h 45m				Do, 21. Aug
Fr, 22. Aug	MESZ	22:39 – 04:29*	5h 50m	AN+ bis AN–		05:12	20:29	04:27	47m	05:15	41m	05:57	36m	06:33	14h 00m	20:34	36m	21:10	41m	21:52	47m	22:39	10h 00m	5h 50m				Fr, 22. Aug
Sa, 23. Aug	MESZ	22:36 – 04:32*	5h 55m	AN+ bis AN–	●	06:31	20:45	04:29	47m	05:17	41m	05:58	36m	06:35	13h 57m	20:32	36m	21:08	41m	21:49	46m	22:36	10h 03m	5h 55m				Sa, 23. Aug
So, 24. Aug	MESZ	22:34 – 04:34*	6h 00m	AN+ bis AN–		07:46	20:58	04:32	46m	05:19	41m	06:00	36m	06:36	13h 54m	20:30	35m	21:06	41m	21:47	46m	22:34	10h 07m	6h 00m				So, 24. Aug
Mo, 25. Aug	MESZ	22:31 – 04:36*	6h 05m	AN+ bis AN–		08:58	21:11	04:34	46m	05:20	41m	06:01	36m	06:37	13h 50m	20:28	35m	21:04	40m	21:45	46m	22:31	10h 10m	6h 05m				Mo, 25. Aug
Di, 26. Aug	MESZ	22:28 – 04:38*	6h 10m	AN+ bis AN–		10:08	21:23	04:36	46m	05:22	40m	06:03	35m	06:39	13h 47m	20:26	35m	21:02	40m	21:42	45m	22:28	10h 14m	6h 10m				Di, 26. Aug
Mi, 27. Aug	MESZ	22:25 – 04:41*	6h 15m	AN+ bis AN–		11:18	21:37	04:38	45m	05:24	40m	06:05	35m	06:40	13h 43m	20:24	35m	21:00	40m	21:40	45m	22:25	10h 17m	6h 15m				Mi, 27. Aug
Do, 28. Aug	MESZ	22:22 – 04:43*	6h 20m	AN+ bis AN–		12:28	21:53	04:41	45m	05:26	40m	06:06	35m	06:42	13h 40m	20:22	35m	20:58	40m	21:38	44m	22:22	10h 21m	6h 20m				Do, 28. Aug
Fr, 29. Aug	MESZ	22:20 – 04:45*	6h 25m	AN+ bis AN–		13:39	22:13	04:43	44m	05:28	40m	06:08	35m	06:43	13h 36m	20:20	35m	20:55	39m	21:35	44m	22:20	10h 24m	6h 25m				Fr, 29. Aug
Sa, 30. Aug	MESZ	22:39 – 04:47*	6h 08m	M↘ bis AN–		14:49	22:39	04:45	44m	05:29	39m	06:09	35m	06:45	13h 33m	20:18	35m	20:53	39m	21:33	44m	22:17	10h 28m	6h 29m				Sa, 30. Aug
So, 31. Aug	MESZ	23:14 – 04:49*	5h 35m	M↘ bis AN–	◐	15:57	23:14	04:47	44m	05:31	39m	06:11	35m	06:46	13h 29m	20:16	35m	20:51	39m	21:31	43m	22:14	10h 31m	6h 34m				So, 31. Aug
Mo, 1. Sep	MESZ	00:01* – 04:51*	4h 50m	M↘ bis AN–		16:58	—:—	04:49	43m	05:33	39m	06:12	35m	06:47	13h 26m	20:14	35m	20:49	39m	21:28	43m	22:12	10h 35m	6h 39m				Mo, 1. Sep
Di, 2. Sep	MESZ	01:01* – 04:53*	3h 52m	M↘ bis AN–		17:50	00:01	04:51	43m	05:35	39m	06:14	35m	06:49	13h 22m	20:12	34m	20:47	39m	21:26	43m	22:09	10h 38m	6h 44m				Di, 2. Sep
Mi, 3. Sep	MESZ	02:13* – 04:55*	2h 42m	M↘ bis AN–		18:30	01:01	04:53	43m	05:36	39m	06:15	34m	06:50	13h 19m	20:10	34m	20:45	38m	21:23	42m	22:06	10h 42m	6h 48m				Mi, 3. Sep
Do, 4. Sep	MESZ	03:31* – 04:57*	1h 25m	M↘ bis AN–		19:00	02:13	04:55	42m	05:38	38m	06:17	34m	06:52	13h 15m	20:08	34m	20:42	38m	21:21	42m	22:04	10h 45m	6h 53m				Do, 4. Sep
Fr, 5. Sep	MESZ	04:53* – 04:59*	5m	M↘ bis AN–		19:23	03:31	04:57	42m	05:40	38m	06:18	34m	06:53	13h 12m	20:06	34m	20:40	38m	21:19	42m	22:01	10h 49m	6h 58m				Fr, 5. Sep
Sa, 6. Sep	MESZ	—:——:—	–	Mond stört		19:42	04:53	04:59	42m	05:41	38m	06:20	34m	06:55	13h 08m	20:03	34m	20:38	38m	21:16	41m	21:58	10h 52m	7h 02m				Sa, 6. Sep
So, 7. Sep	MESZ	—:——:—	–	Mond stört	○	19:58	06:16	05:01	41m	05:43	38m	06:21	34m	06:56	13h 05m	20:01	34m	20:36	38m	21:14	41m	21:56	10h 56m	7h 07m				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.	Δt	↗	Δ*t*	↘	Δ*t*	Bürg.	Δ*t*	Naut.	Δ*t*	Astr.	Δ*t*	Δ*t*		Δ*t*		
Mo, 8. Sep	MESZ	—:——:—	–	Mond stört		20:13	07:39	05:03	*41m*	05:45	*38m*	06:23	*34m*	06:57	*13h 01m*	19:59	*34m*	20:34	*38m*	21:12	*41m*	21:53	*10h 59m*	*7h 11m*				Mo, 8. Sep
Di, 9. Sep	MESZ	—:——:—	–	Mond stört		20:29	09:02	05:05	*41m*	05:46	*38m*	06:25	*34m*	06:59	*12h 58m*	19:57	*34m*	20:31	*38m*	21:09	*41m*	21:51	*11h 03m*	*7h 16m*				Di, 9. Sep
Mi, 10. Sep	MESZ	—:——:—	–	Mond stört		20:46	10:28	05:07	*41m*	05:48	*38m*	06:26	*34m*	07:00	*12h 54m*	19:55	*34m*	20:29	*37m*	21:07	*40m*	21:48	*11h 06m*	*7h 20m*				Mi, 10. Sep
Do, 11. Sep	MESZ	—:——:—	–	Mond stört		21:08	11:56	05:09	*40m*	05:50	*37m*	06:28	*34m*	07:02	*12h 51m*	19:53	*34m*	20:27	*37m*	21:05	*40m*	21:45	*11h 10m*	*7h 25m*				Do, 11. Sep
Fr, 12. Sep	MESZ	—:——:—	–	Mond stört		21:37	13:24	05:11	*40m*	05:51	*37m*	06:29	*34m*	07:03	*12h 47m*	19:51	*34m*	20:25	*37m*	21:02	*40m*	21:43	*11h 13m*	*7h 29m*				Fr, 12. Sep
Sa, 13. Sep	MESZ	21:40 – 22:16	*36m*	AN$_+$ *bis* M↗		22:16	14:49	05:12	*40m*	05:53	*37m*	06:31	*34m*	07:05	*12h 43m*	19:49	*34m*	20:23	*37m*	21:00	*40m*	21:40	*11h 17m*	*7h 33m*				Sa, 13. Sep
So, 14. Sep	MESZ	21:38 – 23:11	*1h 32m*	AN$_+$ *bis* M↗	◑	23:11	16:03	05:14	*40m*	05:54	*37m*	06:32	*34m*	07:06	*12h 40m*	19:46	*33m*	20:20	*37m*	20:58	*40m*	21:38	*11h 21m*	*7h 38m*				So, 14. Sep
Mo, 15. Sep	MESZ	21:35 – 00:19*	*2h 43m*	AN$_+$ *bis* M↗		—:—	17:02	05:16	*40m*	05:56	*37m*	06:33	*34m*	07:08	*12h 36m*	19:44	*33m*	20:18	*37m*	20:55	*39m*	21:35	*11h 24m*	*7h 42m*				Mo, 15. Sep
Di, 16. Sep	MESZ	21:33 – 01:37*	*4h 03m*	AN$_+$ *bis* M↗		00:19	17:44	05:18	*39m*	05:58	*37m*	06:35	*33m*	07:09	*12h 33m*	19:42	*33m*	20:16	*37m*	20:53	*39m*	21:33	*11h 28m*	*7h 46m*				Di, 16. Sep
Mi, 17. Sep	MESZ	21:30 – 02:57*	*5h 26m*	AN$_+$ *bis* M↗		01:37	18:13	05:20	*39m*	05:59	*37m*	06:36	*33m*	07:10	*12h 29m*	19:40	*33m*	20:14	*37m*	20:51	*39m*	21:30	*11h 31m*	*7h 51m*				Mi, 17. Sep
Do, 18. Sep	MESZ	21:28 – 04:15*	*6h 47m*	AN$_+$ *bis* M↗		02:57	18:35	05:21	*39m*	06:01	*37m*	06:38	*33m*	07:12	*12h 26m*	19:38	*33m*	20:12	*36m*	20:49	*39m*	21:28	*11h 35m*	*7h 55m*				Do, 18. Sep
Fr, 19. Sep	MESZ	21:25 – 05:25*	*7h 59m*	AN$_+$ *bis* AN$_-$		04:15	18:52	05:23	*39m*	06:02	*37m*	06:39	*33m*	07:13	*12h 22m*	19:36	*33m*	20:09	*36m*	20:46	*39m*	21:25	*11h 39m*	*7h 59m*				Fr, 19. Sep
Sa, 20. Sep	MESZ	21:23 – 05:27*	*8h 03m*	AN$_+$ *bis* AN$_-$		05:30	19:06	05:25	*39m*	06:04	*36m*	06:41	*33m*	07:15	*12h 18m*	19:34	*33m*	20:07	*36m*	20:44	*38m*	21:23	*11h 42m*	*8h 03m*				Sa, 20. Sep
So, 21. Sep	MESZ	21:20 – 05:28*	*8h 07m*	AN$_+$ *bis* AN$_-$	●	06:43	19:18	05:27	*38m*	06:06	*36m*	06:42	*33m*	07:16	*12h 15m*	19:31	*33m*	20:05	*36m*	20:42	*38m*	21:20	*11h 46m*	*8h 07m*				So, 21. Sep
Mo, 22. Sep	MESZ	21:18 – 05:30*	*8h 11m*	AN$_+$ *bis* AN$_-$		07:53	19:31	05:28	*38m*	06:07	*36m*	06:44	*33m*	07:18	*12h 11m*	19:29	*33m*	20:03	*36m*	20:39	*38m*	21:18	*11h 49m*	*8h 11m*				Mo, 22. Sep
Di, 23. Sep	MESZ	21:16 – 05:32*	*8h 15m*	AN$_+$ *bis* AN$_-$		09:03	19:44	05:30	*38m*	06:09	*36m*	06:45	*33m*	07:19	*12h 08m*	19:27	*33m*	20:01	*36m*	20:37	*38m*	21:16	*11h 53m*	*8h 15m*				Di, 23. Sep
Mi, 24. Sep	MESZ	21:13 – 05:33*	*8h 20m*	AN$_+$ *bis* AN$_-$		10:13	19:59	05:32	*38m*	06:10	*36m*	06:47	*33m*	07:20	*12h 04m*	19:25	*33m*	19:59	*36m*	20:35	*38m*	21:13	*11h 56m*	*8h 20m*				Mi, 24. Sep
Do, 25. Sep	MESZ	21:11 – 05:35*	*8h 24m*	AN$_+$ *bis* AN$_-$		11:23	20:17	05:33	*38m*	06:12	*36m*	06:48	*33m*	07:22	*12h 00m*	19:23	*33m*	19:56	*36m*	20:33	*38m*	21:11	*12h 00m*	*8h 24m*				Do, 25. Sep
Fr, 26. Sep	MESZ	21:09 – 05:37*	*8h 28m*	AN$_+$ *bis* AN$_-$		12:34	20:40	05:35	*38m*	06:13	*36m*	06:50	*33m*	07:23	*11h 57m*	19:21	*33m*	19:54	*36m*	20:31	*38m*	21:09	*12h 04m*	*8h 28m*				Fr, 26. Sep
Sa, 27. Sep	MESZ	21:11 – 05:38*	*8h 27m*	M↘ *bis* AN$_-$		13:43	21:11	05:37	*38m*	06:15	*36m*	06:51	*33m*	07:25	*11h 53m*	19:19	*33m*	19:52	*36m*	20:28	*37m*	21:06	*12h 07m*	*8h 32m*				Sa, 27. Sep
So, 28. Sep	MESZ	21:52 – 05:40*	*7h 47m*	M↘ *bis* AN$_-$		14:47	21:52	05:38	*38m*	06:16	*36m*	06:53	*33m*	07:26	*11h 50m*	19:16	*33m*	19:50	*36m*	20:26	*37m*	21:04	*12h 11m*	*8h 35m*				So, 28. Sep
Mo, 29. Sep	MESZ	22:46 – 05:42*	*6h 55m*	M↘ *bis* AN$_-$		15:42	22:46	05:40	*37m*	06:18	*36m*	06:54	*33m*	07:28	*11h 46m*	19:14	*33m*	19:48	*36m*	20:24	*37m*	21:02	*12h 14m*	*8h 39m*				Mo, 29. Sep
Di, 30. Sep	MESZ	23:52 – 05:43*	*5h 51m*	M↘ *bis* AN$_-$	◐	16:25	23:52	05:42	*37m*	06:19	*36m*	06:56	*33m*	07:29	*11h 42m*	19:12	*33m*	19:46	*36m*	20:22	*37m*	20:59	*12h 18m*	*8h 43m*				Di, 30. Sep
Mi, 1. Okt	MESZ	01:06* – 05:45*	*4h 38m*	M↘ *bis* AN$_-$		16:59	—:—	05:43	*37m*	06:21	*36m*	06:57	*33m*	07:31	*11h 39m*	19:10	*33m*	19:44	*36m*	20:20	*37m*	20:57	*12h 22m*	*8h 47m*				Mi, 1. Okt
Do, 2. Okt	MESZ	02:25* – 05:46*	*3h 21m*	M↘ *bis* AN$_-$		17:25	01:06	05:45	*37m*	06:22	*36m*	06:59	*33m*	07:32	*11h 35m*	19:08	*33m*	19:41	*36m*	20:18	*37m*	20:55	*12h 25m*	*8h 51m*				Do, 2. Okt
Fr, 3. Okt	MESZ	03:46* – 05:48*	*2h 01m*	M↘ *bis* AN$_-$		17:45	02:25	05:46	*37m*	06:24	*36m*	07:00	*33m*	07:34	*11h 32m*	19:06	*33m*	19:39	*36m*	20:15	*37m*	20:53	*12h 29m*	*8h 55m*				Fr, 3. Okt
Sa, 4. Okt	MESZ	05:08* – 05:50*	*41m*	M↘ *bis* AN$_-$		18:02	03:46	05:48	*37m*	06:25	*36m*	07:02	*33m*	07:35	*11h 28m*	19:04	*33m*	19:37	*36m*	20:13	*37m*	20:51	*12h 32m*	*8h 58m*				Sa, 4. Okt
So, 5. Okt	MESZ	—:——:—	–	Mond stört		18:17	05:08	05:50	*37m*	06:27	*36m*	07:03	*33m*	07:37	*11h 25m*	19:02	*33m*	19:35	*35m*	20:11	*37m*	20:48	*12h 36m*	*9h 02m*				So, 5. Okt
Mo, 6. Okt	MESZ	—:——:—	–	Mond stört		18:33	06:32	05:51	*37m*	06:28	*36m*	07:04	*33m*	07:38	*11h 21m*	19:00	*33m*	19:33	*35m*	20:09	*37m*	20:46	*12h 40m*	*9h 06m*				Mo, 6. Okt
Di, 7. Okt	MESZ	—:——:—	–	Mond stört	○	18:50	07:58	05:53	*37m*	06:30	*36m*	07:06	*33m*	07:40	*11h 17m*	18:58	*33m*	19:31	*35m*	20:07	*37m*	20:44	*12h 43m*	*9h 09m*				Di, 7. Okt
Mi, 8. Okt	MESZ	—:——:—	–	Mond stört		19:10	09:27	05:54	*37m*	06:31	*36m*	07:07	*33m*	07:41	*11h 14m*	18:55	*33m*	19:29	*35m*	20:05	*37m*	20:42	*12h 47m*	*9h 13m*				Mi, 8. Okt
Do, 9. Okt	MESZ	—:——:—	–	Mond stört		19:37	10:59	05:56	*37m*	06:33	*36m*	07:09	*33m*	07:43	*11h 10m*	18:53	*33m*	19:27	*35m*	20:03	*36m*	20:40	*12h 50m*	*9h 17m*				Do, 9. Okt
Fr, 10. Okt	MESZ	—:——:—	–	Mond stört		20:13	12:29	05:57	*37m*	06:34	*36m*	07:10	*33m*	07:44	*11h 07m*	18:51	*33m*	19:25	*35m*	20:01	*36m*	20:38	*12h 54m*	*9h 20m*				Fr, 10. Okt
Sa, 11. Okt	MESZ	20:36 – 21:04	*27m*	AN$_+$ *bis* M↗		21:04	13:51	05:59	*36m*	06:36	*36m*	07:12	*33m*	07:46	*11h 03m*	18:49	*33m*	19:23	*35m*	19:59	*36m*	20:36	*12h 57m*	*9h 24m*				Sa, 11. Okt
So, 12. Okt	MESZ	20:34 – 22:09	*1h 35m*	AN$_+$ *bis* M↗		22:09	14:56	06:00	*36m*	06:37	*36m*	07:13	*33m*	07:47	*11h 00m*	18:47	*33m*	19:21	*35m*	19:57	*36m*	20:34	*13h 01m*	*9h 27m*				So, 12. Okt
Mo, 13. Okt	MESZ	20:32 – 23:26	*2h 53m*	AN$_+$ *bis* M↗	◑	23:26	15:44	06:02	*36m*	06:39	*36m*	07:15	*33m*	07:49	*10h 56m*	18:45	*33m*	19:19	*35m*	19:55	*36m*	20:32	*13h 04m*	*9h 31m*				Mo, 13. Okt
Di, 14. Okt	MESZ	20:30 – 00:46*	*4h 15m*	AN$_+$ *bis* M↗		—:—	16:17	06:03	*36m*	06:40	*36m*	07:16	*33m*	07:50	*10h 53m*	18:43	*33m*	19:17	*35m*	19:53	*36m*	20:30	*13h 08m*	*9h 34m*				Di, 14. Okt
Mi, 15. Okt	MESZ	20:28 – 02:04*	*5h 36m*	AN$_+$ *bis* M↗		00:46	16:41	06:05	*36m*	06:42	*36m*	07:18	*34m*	07:52	*10h 49m*	18:41	*33m*	19:15	*35m*	19:51	*36m*	20:28	*13h 12m*	*9h 38m*				Mi, 15. Okt
Do, 16. Okt	MESZ	20:26 – 03:20*	*6h 53m*	AN$_+$ *bis* M↗		02:04	16:59	06:06	*36m*	06:43	*36m*	07:19	*34m*	07:53	*10h 46m*	18:39	*34m*	19:13	*36m*	19:49	*36m*	20:26	*13h 15m*	*9h 41m*				Do, 16. Okt
Fr, 17. Okt	MESZ	20:24 – 04:32*	*8h 07m*	AN$_+$ *bis* M↗		03:20	17:14	06:08	*36m*	06:45	*36m*	07:21	*34m*	07:55	*10h 42m*	18:37	*34m*	19:12	*36m*	19:48	*36m*	20:24	*13h 19m*	*9h 45m*				Fr, 17. Okt
Sa, 18. Okt	MESZ	20:22 – 05:42*	*9h 19m*	AN$_+$ *bis* M↗		04:32	17:27	06:09	*36m*	06:46	*36m*	07:22	*34m*	07:56	*10h 39m*	18:35	*34m*	19:10	*36m*	19:46	*36m*	20:22	*13h 22m*	*9h 48m*				Sa, 18. Okt
So, 19. Okt	MESZ	20:21 – 06:12*	*9h 51m*	AN$_+$ *bis* AN$_-$		05:42	17:39	06:11	*36m*	06:48	*36m*	07:24	*34m*	07:58	*10h 35m*	18:34	*34m*	19:08	*36m*	19:44	*36m*	20:21	*13h 25m*	*9h 51m*				So, 19. Okt
Mo, 20. Okt	MESZ	20:19 – 06:14*	*9h 55m*	AN$_+$ *bis* AN$_-$		06:51	17:52	06:12	*36m*	06:49	*36m*	07:25	*34m*	08:00	*10h 32m*	18:32	*34m*	19:06	*36m*	19:42	*36m*	20:19	*13h 29m*	*9h 55m*				Mo, 20. Okt
Di, 21. Okt	MESZ	20:17 – 06:15*	*9h 58m*	AN$_+$ *bis* AN$_-$	●	08:00	18:06	06:14	*36m*	06:50	*36m*	07:27	*34m*	08:01	*10h 28m*	18:30	*34m*	19:04	*36m*	19:40	*36m*	20:17	*13h 32m*	*9h 58m*				Di, 21. Okt
Mi, 22. Okt	MESZ	20:15 – 06:17*	*10h 01m*	AN$_+$ *bis* AN$_-$		09:11	18:23	06:15	*36m*	06:52	*36m*	07:28	*34m*	08:03	*10h 25m*	18:28	*34m*	19:02	*36m*	19:39	*36m*	20:15	*13h 36m*	*10h 01m*				Mi, 22. Okt
Do, 23. Okt	MESZ	20:13 – 06:18*	*10h 04m*	AN$_+$ *bis* AN$_-$		10:21	18:44	06:17	*36m*	06:53	*36m*	07:30	*34m*	08:04	*10h 21m*	18:26	*34m*	19:01	*36m*	19:37	*36m*	20:13	*13h 39m*	*10h 04m*				Do, 23. Okt
Fr, 24. Okt	MESZ	20:12 – 06:20*	*10h 07m*	AN$_+$ *bis* AN$_-$		11:31	19:12	06:18	*36m*	06:55	*36m*	07:31	*34m*	08:06	*10h 18m*	18:24	*34m*	18:59	*36m*	19:35	*36m*	20:12	*13h 43m*	*10h 07m*				Fr, 24. Okt
Sa, 25. Okt	MESZ	20:10 – 06:21*	*10h 10m*	AN$_+$ *bis* AN$_-$		12:37	19:50	06:20	*36m*	06:56	*36m*	07:33	*34m*	08:07	*10h 14m*	18:22	*34m*	18:57	*36m*	19:33	*36m*	20:10	*13h 46m*	*10h 10m*				Sa, 25. Okt
So, 26. Okt		19:39 – 05:22*	*9h 43m*	M↘ *bis* AN$_-$		12:34	19:39	05:21	*36m*	05:58	*36m*	06:34	*34m*	07:09	*10h 11m*	17:21	*34m*	17:55	*36m*	18:32	*36m*	19:08	*13h 49m*	*10h 14m*				So, 26. Okt
Mo, 27. Okt		20:39 – 05:24*	*8h 44m*	M↘ *bis* AN$_-$		13:21	20:39	05:22	*36m*	05:59	*36m*	06:36	*34m*	07:11	*10h 08m*	17:19	*34m*	17:54	*36m*	18:30	*36m*	19:07	*13h 53m*	*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		21:49 – 05:25*	7h 36m	M↘ bis AN–		13:58	21:49	05:24	36m	06:01	36m	06:37	34m	07:12	10h 04m	17:17	34m	17:52	36m	18:29	36m	19:05	13h 56m	10h 20m				Di, 28. Okt
Mi, 29. Okt		23:04 – 05:27*	6h 23m	M↘ bis AN–	◐	14:25	23:04	05:25	36m	06:02	36m	06:39	35m	07:14	10h 01m	17:15	35m	17:50	36m	18:27	36m	19:04	14h 00m	10h 23m				Mi, 29. Okt
Do, 30. Okt		00:21* – 05:28*	5h 06m	M↘ bis AN–		14:47	—:—	05:27	36m	06:04	36m	06:40	35m	07:15	9h 58m	17:14	35m	17:49	36m	18:25	36m	19:02	14h 03m	10h 26m				Do, 30. Okt
Fr, 31. Okt		01:40* – 05:30*	3h 49m	M↘ bis AN–		15:05	00:21	05:28	36m	06:05	36m	06:42	35m	07:17	9h 54m	17:12	35m	17:47	36m	18:24	36m	19:01	14h 06m	10h 28m				Fr, 31. Okt
Sa, 1. Nov		03:01* – 05:31*	2h 30m	M↘ bis AN–		15:21	01:40	05:30	36m	06:06	36m	06:43	35m	07:19	9h 51m	17:10	35m	17:46	36m	18:22	36m	18:59	14h 09m	10h 31m				Sa, 1. Nov
So, 2. Nov		04:24* – 05:32*	1h 08m	M↘ bis AN–		15:36	03:01	05:31	36m	06:08	36m	06:45	35m	07:20	9h 48m	17:09	35m	17:44	36m	18:21	36m	18:58	14h 13m	10h 34m				So, 2. Nov
Mo, 3. Nov		—:— – —:—	–	Mond stört		15:52	04:24	05:32	36m	06:09	36m	06:46	35m	07:22	9h 45m	17:07	35m	17:43	36m	18:20	36m	18:56	14h 16m	10h 37m				Mo, 3. Nov
Di, 4. Nov		—:— – —:—	–	Mond stört		16:10	05:51	05:34	36m	06:11	36m	06:48	35m	07:23	9h 42m	17:06	35m	17:41	36m	18:18	36m	18:55	14h 19m	10h 40m				Di, 4. Nov
Mi, 5. Nov		—:— – —:—	–	Mond stört	○	16:34	07:22	05:35	36m	06:12	37m	06:49	35m	07:25	9h 38m	17:04	35m	17:40	36m	18:17	36m	18:54	14h 22m	10h 42m				Mi, 5. Nov
Do, 6. Nov		—:— – —:—	–	Mond stört		17:06	08:56	05:37	37m	06:14	37m	06:51	35m	07:27	9h 35m	17:02	35m	17:38	37m	18:15	36m	18:52	14h 25m	10h 45m				Do, 6. Nov
Fr, 7. Nov		—:— – —:—	–	Mond stört		17:51	10:25	05:38	37m	06:15	37m	06:52	36m	07:28	9h 32m	17:01	35m	17:37	37m	18:14	36m	18:51	14h 28m	10h 48m				Fr, 7. Nov
Sa, 8. Nov		18:50 – 18:53	3m	AN+ bis M↗		18:53	11:41	05:39	37m	06:16	37m	06:54	36m	07:30	9h 29m	17:00	36m	17:36	37m	18:13	37m	18:50	14h 31m	10h 50m				Sa, 8. Nov
So, 9. Nov		18:49 – 20:09	1h 20m	AN+ bis M↗		20:09	12:38	05:41	37m	06:18	37m	06:55	36m	07:31	9h 26m	16:58	36m	17:34	37m	18:12	37m	18:49	14h 34m	10h 53m				So, 9. Nov
Mo, 10. Nov		18:48 – 21:31	2h 43m	AN+ bis M↗		21:31	13:17	05:42	37m	06:19	37m	06:57	36m	07:33	9h 23m	16:57	36m	17:33	37m	18:10	37m	18:48	14h 37m	10h 55m				Mo, 10. Nov
Di, 11. Nov		18:46 – 22:52	4h 05m	AN+ bis M↗		22:52	13:45	05:43	37m	06:21	37m	06:58	36m	07:35	9h 20m	16:55	36m	17:32	37m	18:09	37m	18:46	14h 40m	10h 58m				Di, 11. Nov
Mi, 12. Nov		18:45 – 00:10*	5h 24m	AN+ bis M↗	◑	—:—	14:05	05:45	37m	06:22	37m	07:00	36m	07:36	9h 17m	16:54	36m	17:31	37m	18:08	37m	18:45	14h 43m	11h 00m				Mi, 12. Nov
Do, 13. Nov		18:44 – 01:23*	6h 38m	AN+ bis M↗		00:10	14:21	05:46	37m	06:23	37m	07:01	36m	07:38	9h 14m	16:53	36m	17:29	37m	18:07	37m	18:44	14h 46m	11h 03m				Do, 13. Nov
Fr, 14. Nov		18:43 – 02:33*	7h 50m	AN+ bis M↗		01:23	14:34	05:47	37m	06:25	37m	07:03	36m	07:39	9h 12m	16:51	36m	17:28	37m	18:06	37m	18:43	14h 49m	11h 05m				Fr, 14. Nov
Sa, 15. Nov		18:42 – 03:42*	8h 59m	AN+ bis M↗		02:33	14:47	05:49	37m	06:26	37m	07:04	36m	07:41	9h 09m	16:50	36m	17:27	37m	18:05	37m	18:42	14h 52m	11h 07m				Sa, 15. Nov
So, 16. Nov		18:41 – 04:51*	10h 09m	AN+ bis M↗		03:42	15:00	05:50	37m	06:28	37m	07:05	37m	07:42	9h 06m	16:49	37m	17:26	37m	18:04	37m	18:41	14h 54m	11h 09m				So, 16. Nov
Mo, 17. Nov		18:41 – 05:53*	11h 12m	AN+ bis AN–		04:51	15:13	05:51	37m	06:29	37m	07:07	37m	07:44	9h 03m	16:48	37m	17:25	37m	18:03	37m	18:41	14h 57m	11h 12m				Mo, 17. Nov
Di, 18. Nov		18:40 – 05:54*	11h 14m	AN+ bis AN–		06:00	15:29	05:53	37m	06:30	38m	07:08	37m	07:46	9h 01m	16:47	37m	17:24	38m	18:02	37m	18:40	15h 00m	11h 14m				Di, 18. Nov
Mi, 19. Nov		18:39 – 05:55*	11h 16m	AN+ bis AN–		07:10	15:49	05:54	37m	06:32	38m	07:10	37m	07:47	8h 58m	16:46	37m	17:23	38m	18:01	37m	18:39	15h 02m	11h 16m				Mi, 19. Nov
Do, 20. Nov		18:38 – 05:56*	11h 18m	AN+ bis AN–	●	08:20	16:15	05:55	37m	06:33	38m	07:11	37m	07:49	8h 56m	16:45	37m	17:22	38m	18:00	37m	18:38	15h 05m	11h 18m				Do, 20. Nov
Fr, 21. Nov		18:37 – 05:58*	11h 20m	AN+ bis AN–		09:28	16:50	05:56	37m	06:34	38m	07:12	37m	07:50	8h 53m	16:44	37m	17:21	38m	18:00	37m	18:37	15h 07m	11h 20m				Fr, 21. Nov
Sa, 22. Nov		18:37 – 05:59*	11h 22m	AN+ bis AN–		10:28	17:35	05:58	37m	06:35	38m	07:14	37m	07:52	8h 51m	16:43	37m	17:21	38m	17:59	37m	18:37	15h 10m	11h 22m				Sa, 22. Nov
So, 23. Nov		18:36 – 06:00*	11h 24m	AN+ bis AN–		11:18	18:32	05:59	37m	06:37	38m	07:15	37m	07:53	8h 48m	16:42	37m	17:20	38m	17:58	37m	18:36	15h 12m	11h 24m				So, 23. Nov
Mo, 24. Nov		19:39 – 06:01*	10h 22m	M↘ bis AN–		11:58	19:39	06:00	37m	06:38	38m	07:16	37m	07:54	8h 46m	16:41	37m	17:19	38m	17:58	37m	18:35	15h 14m	11h 25m				Mo, 24. Nov
Di, 25. Nov		20:51 – 06:02*	9h 11m	M↘ bis AN–		12:28	20:51	06:01	37m	06:39	38m	07:18	38m	07:56	8h 44m	16:40	38m	17:18	38m	17:57	37m	18:35	15h 17m	11h 27m				Di, 25. Nov
Mi, 26. Nov		22:06 – 06:04*	7h 57m	M↘ bis AN–		12:51	22:06	06:02	37m	06:40	38m	07:19	38m	07:57	8h 42m	16:39	38m	17:18	38m	17:56	37m	18:34	15h 19m	11h 29m				Mi, 26. Nov
Do, 27. Nov		23:22 – 06:05*	6h 42m	M↘ bis AN–		13:09	23:22	06:04	37m	06:42	38m	07:20	38m	07:59	8h 40m	16:39	38m	17:17	38m	17:56	37m	18:34	15h 21m	11h 30m				Do, 27. Nov
Fr, 28. Nov		00:39* – 06:06*	5h 27m	M↘ bis AN–	◐	13:25	—:—	06:05	38m	06:43	38m	07:22	38m	08:00	8h 37m	16:38	38m	17:16	38m	17:55	38m	18:33	15h 23m	11h 32m				Fr, 28. Nov
Sa, 29. Nov		01:57* – 06:07*	4h 09m	M↘ bis AN–		13:40	00:39	06:06	38m	06:44	38m	07:23	38m	08:01	8h 35m	16:37	38m	17:16	38m	17:55	38m	18:33	15h 25m	11h 34m				Sa, 29. Nov
So, 30. Nov		03:19* – 06:08*	2h 49m	M↘ bis AN–		13:55	01:57	06:07	38m	06:45	39m	07:24	38m	08:03	8h 34m	16:37	38m	17:15	38m	17:54	38m	18:33	15h 27m	11h 35m				So, 30. Nov
Mo, 1. Dez		04:45* – 06:09*	1h 23m	M↘ bis AN–		14:11	03:19	06:08	38m	06:46	39m	07:25	38m	08:04	8h 32m	16:36	38m	17:15	39m	17:54	38m	18:32	15h 29m	11h 36m				Mo, 1. Dez
Di, 2. Dez		—:— – —:—	–	Mond stört		14:31	04:45	06:09	38m	06:47	39m	07:26	38m	08:05	8h 30m	16:36	38m	17:15	39m	17:54	38m	18:32	15h 30m	11h 38m				Di, 2. Dez
Mi, 3. Dez		—:— – —:—	–	Mond stört		14:58	06:16	06:10	38m	06:48	39m	07:28	38m	08:07	8h 28m	16:35	38m	17:14	39m	17:53	38m	18:32	15h 32m	11h 39m				Mi, 3. Dez
Do, 4. Dez		—:— – —:—	–	Mond stört		15:37	07:48	06:11	38m	06:49	39m	07:29	39m	08:08	8h 27m	16:35	39m	17:14	39m	17:53	38m	18:32	15h 33m	11h 40m				Do, 4. Dez
Fr, 5. Dez		—:— – —:—	–	Mond stört	○	16:31	09:13	06:12	38m	06:51	39m	07:30	39m	08:09	8h 25m	16:35	39m	17:14	39m	17:53	38m	18:31	15h 35m	11h 41m				Fr, 5. Dez
Sa, 6. Dez		—:— – —:—	–	Mond stört		17:42	10:21	06:13	38m	06:52	39m	07:31	39m	08:10	8h 24m	16:34	39m	17:14	39m	17:53	38m	18:31	15h 36m	11h 42m				Sa, 6. Dez
So, 7. Dez		18:31 – 19:05	34m	AN+ bis M↗		19:05	11:10	06:14	38m	06:53	39m	07:32	39m	08:11	8h 22m	16:34	39m	17:13	39m	17:53	38m	18:31	15h 38m	11h 43m				So, 7. Dez
Mo, 8. Dez		18:31 – 20:31	1h 59m	AN+ bis M↗		20:31	11:44	06:15	38m	06:53	39m	07:33	39m	08:12	8h 21m	16:34	39m	17:13	39m	17:53	38m	18:31	15h 39m	11h 44m				Mo, 8. Dez
Di, 9. Dez		18:31 – 21:53	3h 21m	AN+ bis M↗		21:53	12:08	06:16	38m	06:54	39m	07:34	39m	08:13	8h 20m	16:34	39m	17:13	39m	17:53	38m	18:31	15h 40m	11h 45m				Di, 9. Dez
Mi, 10. Dez		18:31 – 23:10	4h 38m	AN+ bis M↗		23:10	12:26	06:17	38m	06:55	39m	07:35	39m	08:14	8h 19m	16:34	39m	17:13	39m	17:53	38m	18:31	15h 41m	11h 46m				Mi, 10. Dez
Do, 11. Dez		18:31 – 00:22*	5h 51m	AN+ bis M↗	◑	—:—	12:41	06:18	38m	06:56	39m	07:36	39m	08:15	8h 18m	16:34	39m	17:13	39m	17:53	38m	18:31	15h 42m	11h 47m				Do, 11. Dez
Fr, 12. Dez		18:31 – 01:32*	7h 00m	AN+ bis M↗		00:22	12:54	06:18	38m	06:57	39m	07:37	39m	08:16	8h 17m	16:34	39m	17:13	39m	17:53	38m	18:31	15h 43m	11h 47m				Fr, 12. Dez
Sa, 13. Dez		18:32 – 02:41*	8h 09m	AN+ bis M↗		01:32	13:06	06:19	38m	06:58	39m	07:38	39m	08:17	8h 16m	16:34	39m	17:13	39m	17:53	38m	18:32	15h 44m	11h 48m				Sa, 13. Dez
So, 14. Dez		18:32 – 03:50*	9h 18m	AN+ bis M↗		02:41	13:20	06:20	38m	06:59	39m	07:38	39m	08:18	8h 15m	16:34	39m	17:13	39m	17:53	38m	18:32	15h 44m	11h 48m				So, 14. Dez
Mo, 15. Dez		18:32 – 05:00*	10h 28m	AN+ bis M↗		03:50	13:35	06:21	38m	06:59	39m	07:39	39m	08:19	8h 15m	16:34	39m	17:14	39m	17:53	38m	18:32	15h 45m	11h 49m				Mo, 15. Dez
Di, 16. Dez		18:32 – 06:10*	11h 37m	AN+ bis M↗		05:00	13:54	06:21	38m	07:00	39m	07:40	39m	08:20	8h 14m	16:34	39m	17:14	39m	17:54	38m	18:32	15h 46m	11h 49m				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		18:33 – 06:23*	*11h 50m*	AN+ *bis* AN−		06:10	14:18	06:22	*38m*	07:01	*39m*	07:41	*39m*	08:20	*8h 14m*	16:34	*39m*	17:14	*39m*	17:54	*38m*	18:33	*15h 46m*	*11h 50m*				Mi, 17. Dez
Do, 18. Dez		18:33 – 06:23*	*11h 50m*	AN+ *bis* AN−		07:19	14:50	06:23	*38m*	07:01	*39m*	07:41	*39m*	08:21	*8h 13m*	16:35	*39m*	17:15	*39m*	17:54	*38m*	18:33	*15h 46m*	*11h 50m*				Do, 18. Dez
Fr, 19. Dez		18:33 – 06:24*	*11h 50m*	AN+ *bis* AN−		08:21	15:32	06:23	*38m*	07:02	*39m*	07:42	*39m*	08:22	*8h 13m*	16:35	*39m*	17:15	*39m*	17:55	*38m*	18:33	*15h 46m*	*11h 50m*				Fr, 19. Dez
Sa, 20. Dez		18:34 – 06:24*	*11h 50m*	AN+ *bis* AN−	●	09:15	16:26	06:24	*38m*	07:03	*39m*	07:42	*39m*	08:22	*8h 13m*	16:36	*39m*	17:15	*39m*	17:55	*38m*	18:34	*15h 47m*	*11h 50m*				Sa, 20. Dez
So, 21. Dez		18:34 – 06:25*	*11h 50m*	AN+ *bis* AN−		09:58	17:31	06:24	*38m*	07:03	*39m*	07:43	*39m*	08:23	*8h 13m*	16:36	*39m*	17:16	*39m*	17:56	*38m*	18:34	*15h 47m*	*11h 50m*				So, 21. Dez
Mo, 22. Dez		18:42 – 06:25*	*11h 43m*	M↘ *bis* AN−		10:30	18:42	06:25	*38m*	07:04	*39m*	07:43	*39m*	08:23	*8h 13m*	16:37	*39m*	17:16	*39m*	17:56	*38m*	18:35	*15h 47m*	*11h 50m*				Mo, 22. Dez
Di, 23. Dez		19:57 – 06:26*	*10h 29m*	M↘ *bis* AN−		10:55	19:57	06:25	*38m*	07:04	*39m*	07:44	*39m*	08:24	*8h 13m*	16:37	*39m*	17:17	*39m*	17:57	*38m*	18:35	*15h 46m*	*11h 50m*				Di, 23. Dez
Mi, 24. Dez		21:12 – 06:26*	*9h 14m*	M↘ *bis* AN−		11:15	21:12	06:26	*38m*	07:04	*39m*	07:44	*39m*	08:24	*8h 13m*	16:38	*39m*	17:18	*39m*	17:57	*38m*	18:36	*15h 46m*	*11h 50m*				Mi, 24. Dez
Do, 25. Dez		22:27 – 06:27*	*7h 59m*	M↘ *bis* AN−		11:31	22:27	06:26	*38m*	07:05	*39m*	07:45	*39m*	08:24	*8h 14m*	16:38	*39m*	17:18	*39m*	17:58	*38m*	18:37	*15h 46m*	*11h 49m*				Do, 25. Dez
Fr, 26. Dez		23:43 – 06:27*	*6h 44m*	M↘ *bis* AN−		11:46	23:43	06:27	*38m*	07:05	*39m*	07:45	*39m*	08:25	*8h 14m*	16:39	*39m*	17:19	*39m*	17:59	*38m*	18:37	*15h 45m*	*11h 49m*				Fr, 26. Dez
Sa, 27. Dez		01:00* – 06:27*	*5h 26m*	M↘ *bis* AN−	◐	12:00	—:—	06:27	*38m*	07:05	*39m*	07:45	*39m*	08:25	*8h 15m*	16:40	*39m*	17:20	*39m*	17:59	*38m*	18:38	*15h 45m*	*11h 49m*				Sa, 27. Dez
So, 28. Dez		02:21* – 06:27*	*4h 06m*	M↘ *bis* AN−		12:15	01:00	06:27	*38m*	07:06	*39m*	07:45	*39m*	08:25	*8h 15m*	16:41	*39m*	17:20	*39m*	18:00	*38m*	18:39	*15h 44m*	*11h 48m*				So, 28. Dez
Mo, 29. Dez		03:47* – 06:28*	*2h 40m*	M↘ *bis* AN−		12:33	02:21	06:27	*38m*	07:06	*39m*	07:46	*39m*	08:25	*8h 16m*	16:42	*39m*	17:21	*39m*	18:01	*38m*	18:40	*15h 43m*	*11h 47m*				Mo, 29. Dez
Di, 30. Dez		05:15* – 06:28*	*1h 12m*	M↘ *bis* AN−		12:55	03:47	06:28	*38m*	07:06	*39m*	07:46	*39m*	08:25	*8h 17m*	16:42	*39m*	17:22	*39m*	18:02	*38m*	18:40	*15h 42m*	*11h 47m*				Di, 30. Dez
Mi, 31. Dez		—:— – —:—	–	Mond stört		13:26	05:15	06:28	*38m*	07:06	*39m*	07:46	*39m*	08:25	*8h 18m*	16:43	*39m*	17:23	*39m*	18:03	*38m*	18:41	*15h 41m*	*11h 46m*				Mi, 31. Dez
Do, 1. Jan		—:— – —:—	–	Mond stört		14:11	06:42	06:28	*38m*	07:06	*39m*	07:46	*39m*	08:25	*8h 19m*	16:44	*39m*	17:24	*39m*	18:03	*38m*	18:42	*15h 40m*	*11h 45m*				Do, 1. Jan
Fr, 2. Jan		—:— – —:—	–	Mond stört		15:13	07:59	06:28	*38m*	07:06	*39m*	07:46	*39m*	08:25	*8h 20m*	16:45	*39m*	17:25	*39m*	18:04	*38m*	18:43	*15h 39m*	*11h 45m*				Fr, 2. Jan
Sa, 3. Jan		—:— – —:—	–	Mond stört	○	16:32	08:57	06:28	*38m*	07:06	*39m*	07:46	*39m*	08:25	*8h 21m*	16:46	*39m*	17:26	*39m*	18:05	*38m*	18:44	*15h 38m*	*11h 44m*				Sa, 3. Jan
So, 4. Jan		—:— – —:—	–	Mond stört		17:58	09:38	06:28	*38m*	07:06	*39m*	07:46	*39m*	08:25	*8h 22m*	16:48	*39m*	17:27	*39m*	18:06	*38m*	18:45	*15h 37m*	*11h 43m*				So, 4. Jan
Mo, 5. Jan		18:46 – 19:25	*39m*	AN+ *bis* M↗		19:25	10:07	06:28	*38m*	07:06	*39m*	07:46	*39m*	08:25	*8h 23m*	16:49	*39m*	17:28	*39m*	18:07	*38m*	18:46	*15h 35m*	*11h 42m*				Mo, 5. Jan
Di, 6. Jan		18:47 – 20:47	*2h 00m*	AN+ *bis* M↗		20:47	10:28	06:28	*38m*	07:06	*39m*	07:45	*39m*	08:25	*8h 25m*	16:50	*39m*	17:29	*39m*	18:08	*38m*	18:47	*15h 34m*	*11h 40m*				Di, 6. Jan
Mi, 7. Jan		18:48 – 22:04	*3h 16m*	AN+ *bis* M↗		22:04	10:45	06:28	*38m*	07:06	*39m*	07:45	*39m*	08:24	*8h 26m*	16:51	*39m*	17:30	*39m*	18:09	*38m*	18:48	*15h 32m*	*11h 39m*				Mi, 7. Jan
Do, 8. Jan		18:49 – 23:17	*4h 28m*	AN+ *bis* M↗		23:17	10:59	06:27	*38m*	07:06	*39m*	07:45	*38m*	08:24	*8h 28m*	16:52	*38m*	17:31	*39m*	18:10	*38m*	18:49	*15h 31m*	*11h 38m*				Do, 8. Jan
Fr, 9. Jan		18:50 – 00:28*	*5h 37m*	AN+ *bis* M↗		—:—	11:12	06:27	*38m*	07:05	*39m*	07:45	*38m*	08:23	*8h 30m*	16:54	*38m*	17:32	*39m*	18:12	*38m*	18:50	*15h 29m*	*11h 37m*				Fr, 9. Jan
Sa, 10. Jan		18:51 – 01:38*	*6h 46m*	AN+ *bis* M↗	◑	00:28	11:25	06:27	*38m*	07:05	*39m*	07:44	*38m*	08:23	*8h 31m*	16:55	*38m*	17:34	*39m*	18:13	*38m*	18:51	*15h 27m*	*11h 35m*				Sa, 10. Jan
So, 11. Jan		18:52 – 02:48*	*7h 56m*	AN+ *bis* M↗		01:38	11:40	06:27	*38m*	07:05	*39m*	07:44	*38m*	08:22	*8h 33m*	16:56	*38m*	17:35	*39m*	18:14	*38m*	18:52	*15h 25m*	*11h 34m*				So, 11. Jan
Mo, 12. Jan		18:53 – 03:58*	*9h 05m*	AN+ *bis* M↗		02:48	11:57	06:26	*38m*	07:04	*38m*	07:43	*38m*	08:22	*8h 35m*	16:57	*38m*	17:36	*38m*	18:15	*38m*	18:53	*15h 23m*	*11h 32m*				Mo, 12. Jan
Di, 13. Jan		18:54 – 05:07*	*10h 13m*	AN+ *bis* M↗		03:58	12:19	06:26	*38m*	07:04	*38m*	07:43	*38m*	08:21	*8h 37m*	16:59	*38m*	17:37	*38m*	18:16	*38m*	18:54	*15h 21m*	*11h 31m*				Di, 13. Jan
Mi, 14. Jan		18:55 – 06:13*	*11h 17m*	AN+ *bis* M↗		05:07	12:48	06:26	*37m*	07:04	*38m*	07:42	*38m*	08:21	*8h 39m*	17:00	*38m*	17:39	*38m*	18:17	*38m*	18:55	*15h 19m*	*11h 29m*				Mi, 14. Jan
Do, 15. Jan		18:57 – 06:25*	*11h 28m*	AN+ *bis* AN−		06:13	13:27	06:25	*37m*	07:03	*38m*	07:42	*38m*	08:20	*8h 41m*	17:02	*38m*	17:40	*38m*	18:19	*37m*	18:57	*15h 17m*	*11h 28m*				Do, 15. Jan
Fr, 16. Jan		18:58 – 06:24*	*11h 26m*	AN+ *bis* AN−		07:10	14:17	06:25	*37m*	07:02	*38m*	07:41	*38m*	08:19	*8h 43m*	17:03	*38m*	17:41	*38m*	18:20	*37m*	18:58	*15h 15m*	*11h 26m*				Fr, 16. Jan
Sa, 17. Jan		18:59 – 06:23*	*11h 24m*	AN+ *bis* AN−		07:56	15:19	06:24	*37m*	07:02	*38m*	07:40	*38m*	08:18	*8h 46m*	17:05	*38m*	17:43	*38m*	18:21	*37m*	18:59	*15h 13m*	*11h 24m*				Sa, 17. Jan
So, 18. Jan		19:00 – 06:23*	*11h 22m*	AN+ *bis* AN−	●	08:32	16:30	06:23	*37m*	07:01	*38m*	07:40	*37m*	08:18	*8h 48m*	17:06	*37m*	17:44	*38m*	18:22	*37m*	19:00	*15h 10m*	*11h 22m*				So, 18. Jan
Mo, 19. Jan		19:02 – 06:22*	*11h 20m*	AN+ *bis* AN−		09:00	17:45	06:23	*37m*	07:01	*38m*	07:39	*37m*	08:17	*8h 50m*	17:08	*37m*	17:45	*38m*	18:24	*37m*	19:02	*15h 08m*	*11h 20m*				Mo, 19. Jan
Di, 20. Jan		19:03 – 06:21*	*11h 18m*	AN+ *bis* AN−		09:21	19:01	06:22	*37m*	07:00	*38m*	07:38	*37m*	08:16	*8h 53m*	17:09	*37m*	17:47	*38m*	18:25	*37m*	19:03	*15h 05m*	*11h 18m*				Di, 20. Jan
Mi, 21. Jan		20:17 – 06:21*	*10h 03m*	M↘ *bis* AN−		09:38	20:17	06:21	*37m*	06:59	*38m*	07:37	*37m*	08:15	*8h 55m*	17:11	*37m*	17:48	*38m*	18:26	*37m*	19:04	*15h 03m*	*11h 16m*				Mi, 21. Jan
Do, 22. Jan		21:33 – 06:20*	*8h 46m*	M↘ *bis* AN−		09:53	21:33	06:21	*37m*	06:58	*38m*	07:36	*37m*	08:14	*8h 58m*	17:12	*37m*	17:50	*38m*	18:28	*37m*	19:05	*15h 00m*	*11h 14m*				Do, 22. Jan
Fr, 23. Jan		22:50 – 06:19*	*7h 29m*	M↘ *bis* AN−		10:07	22:50	06:20	*37m*	06:57	*38m*	07:36	*37m*	08:13	*9h 00m*	17:14	*37m*	17:51	*38m*	18:29	*37m*	19:07	*14h 57m*	*11h 12m*				Fr, 23. Jan
Sa, 24. Jan		00:09* – 06:18*	*6h 09m*	M↘ *bis* AN−		10:21	—:—	06:19	*37m*	06:57	*37m*	07:35	*37m*	08:12	*9h 03m*	17:15	*37m*	17:53	*37m*	18:31	*37m*	19:08	*14h 55m*	*11h 10m*				Sa, 24. Jan
So, 25. Jan		01:31* – 06:17*	*4h 46m*	M↘ *bis* AN−		10:38	00:09	06:18	*37m*	06:56	*37m*	07:34	*37m*	08:11	*9h 06m*	17:17	*37m*	17:54	*37m*	18:32	*37m*	19:09	*14h 52m*	*11h 08m*				So, 25. Jan
Mo, 26. Jan		02:56* – 06:16*	*3h 20m*	M↘ *bis* AN−	◐	10:58	01:31	06:17	*37m*	06:55	*37m*	07:33	*36m*	08:09	*9h 09m*	17:19	*36m*	17:55	*37m*	18:33	*37m*	19:11	*14h 49m*	*11h 05m*				Mo, 26. Jan
Di, 27. Jan		04:21* – 06:15*	*1h 54m*	M↘ *bis* AN−		11:24	02:56	06:16	*37m*	06:54	*37m*	07:31	*36m*	08:08	*9h 11m*	17:20	*36m*	17:57	*37m*	18:35	*37m*	19:12	*14h 46m*	*11h 03m*				Di, 27. Jan
Mi, 28. Jan		05:40* – 06:14*	*34m*	M↘ *bis* AN−		12:01	04:21	06:15	*37m*	06:53	*37m*	07:30	*36m*	08:07	*9h 14m*	17:22	*36m*	17:58	*37m*	18:36	*37m*	19:13	*14h 44m*	*11h 01m*				Mi, 28. Jan
Do, 29. Jan		—:— – —:—	–	Mond stört		12:54	05:40	06:14	*37m*	06:52	*37m*	07:29	*36m*	08:06	*9h 17m*	17:23	*36m*	18:00	*37m*	18:38	*37m*	19:15	*14h 41m*	*10h 58m*				Do, 29. Jan
Fr, 30. Jan		—:— – —:—	–	Mond stört		14:04	06:44	06:13	*37m*	06:51	*37m*	07:28	*36m*	08:04	*9h 20m*	17:25	*36m*	18:02	*37m*	18:39	*37m*	19:16	*14h 38m*	*10h 56m*				Fr, 30. Jan
Sa, 31. Jan		—:— – —:—	–	Mond stört		15:26	07:32	06:12	*37m*	06:49	*37m*	07:27	*36m*	08:03	*9h 23m*	17:27	*36m*	18:03	*37m*	18:40	*37m*	19:18	*14h 35m*	*10h 53m*				Sa, 31. Jan
So, 1. Feb		—:— – —:—	–	Mond stört	○	16:53	08:05	06:11	*37m*	06:48	*37m*	07:26	*36m*	08:02	*9h 26m*	17:28	*36m*	18:05	*37m*	18:42	*37m*	19:19	*14h 32m*	*10h 51m*				So, 1. Feb
Mo, 2. Feb		—:— – —:—	–	Mond stört		18:18	08:30	06:10	*37m*	06:47	*37m*	07:24	*36m*	08:00	*9h 29m*	17:30	*36m*	18:06	*37m*	18:43	*37m*	19:20	*14h 28m*	*10h 48m*				Mo, 2. Feb
Di, 3. Feb		19:22 – 19:38	*16m*	AN+ *bis* M↗		19:38	08:48	06:09	*36m*	06:46	*37m*	07:23	*35m*	07:59	*9h 32m*	17:32	*36m*	18:08	*37m*	18:45	*37m*	19:22	*14h 25m*	*10h 45m*				Di, 3. Feb
Mi, 4. Feb		19:23 – 20:54	*1h 31m*	AN+ *bis* M↗		20:54	09:03	06:08	*36m*	06:45	*37m*	07:22	*35m*	07:58	*9h 35m*	17:33	*35m*	18:09	*37m*	18:46	*37m*	19:23	*14h 22m*	*10h 43m*				Mi, 4. Feb