Mond- und Dämmerungstabelle 2025

für die visuelle Deep-Sky-Beobachtung

Olpe 51.0294° N 7.8439° 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		18:36 – 06:28*	*11h 51m*	AN$_+$ *bis* AN$_-$		10:11	17:59	06:28	*40m*	07:08	*41m*	07:49	*41m*	08:31	*8h 01m*	16:33	*41m*	17:14	*41m*	17:56	*40m*	18:36	*15h 58m*	*11h 51m*				Mi, 1. Jan
Do, 2. Jan		19:24 – 06:28*	*11h 03m*	M$_\searrow$ *bis* AN$_-$		10:36	19:24	06:28	*40m*	07:08	*41m*	07:49	*41m*	08:31	*8h 03m*	16:34	*41m*	17:15	*41m*	17:57	*40m*	18:37	*15h 56m*	*11h 50m*				Do, 2. Jan
Fr, 3. Jan		20:49 – 06:28*	*9h 38m*	M$_\searrow$ *bis* AN$_-$		10:54	20:49	06:28	*40m*	07:08	*41m*	07:49	*41m*	08:31	*8h 04m*	16:35	*41m*	17:17	*41m*	17:58	*40m*	18:38	*15h 55m*	*11h 49m*				Fr, 3. Jan
Sa, 4. Jan		22:14 – 06:28*	*8h 14m*	M$_\searrow$ *bis* AN$_-$		11:09	22:14	06:28	*40m*	07:08	*41m*	07:49	*41m*	08:30	*8h 05m*	16:36	*41m*	17:18	*41m*	17:59	*40m*	18:39	*15h 53m*	*11h 48m*				Sa, 4. Jan
So, 5. Jan		23:37 – 06:27*	*6h 50m*	M$_\searrow$ *bis* AN$_-$		11:22	23:37	06:28	*39m*	07:08	*41m*	07:49	*41m*	08:30	*8h 07m*	16:37	*41m*	17:19	*41m*	18:00	*39m*	18:40	*15h 52m*	*11h 47m*				So, 5. Jan
Mo, 6. Jan		01:01* – 06:27*	*5h 26m*	M$_\searrow$ *bis* AN$_-$		11:35	—:—	06:27	*39m*	07:07	*41m*	07:49	*41m*	08:30	*8h 08m*	16:39	*41m*	17:20	*41m*	18:01	*39m*	18:41	*15h 50m*	*11h 46m*				Mo, 6. Jan
Di, 7. Jan		02:27* – 06:27*	*4h 00m*	M$_\searrow$ *bis* AN$_-$	◐	11:48	01:01	06:27	*39m*	07:07	*41m*	07:48	*41m*	08:29	*8h 10m*	16:40	*41m*	17:21	*41m*	18:02	*39m*	18:42	*15h 49m*	*11h 45m*				Di, 7. Jan
Mi, 8. Jan		03:55* – 06:27*	*2h 32m*	M$_\searrow$ *bis* AN$_-$		12:04	02:27	06:27	*39m*	07:07	*41m*	07:48	*41m*	08:29	*8h 12m*	16:41	*41m*	17:22	*41m*	18:03	*39m*	18:43	*15h 47m*	*11h 43m*				Mi, 8. Jan
Do, 9. Jan		05:23* – 06:26*	*1h 03m*	M$_\searrow$ *bis* AN$_-$		12:25	03:55	06:27	*39m*	07:07	*40m*	07:48	*40m*	08:28	*8h 14m*	16:43	*40m*	17:23	*40m*	18:04	*39m*	18:44	*15h 45m*	*11h 42m*				Do, 9. Jan
Fr, 10. Jan		—:— – —:—	–	Mond stört		12:55	05:23	06:26	*39m*	07:06	*40m*	07:47	*40m*	08:28	*8h 15m*	16:44	*40m*	17:25	*40m*	18:06	*39m*	18:45	*15h 43m*	*11h 40m*				Fr, 10. Jan
Sa, 11. Jan		—:— – —:—	–	Mond stört		13:37	06:45	06:26	*39m*	07:06	*40m*	07:47	*40m*	08:27	*8h 18m*	16:45	*40m*	17:26	*40m*	18:07	*39m*	18:47	*15h 41m*	*11h 39m*				Sa, 11. Jan
So, 12. Jan		—:— – —:—	–	Mond stört		14:37	07:54	06:26	*39m*	07:05	*40m*	07:46	*40m*	08:27	*8h 20m*	16:47	*40m*	17:27	*40m*	18:08	*39m*	18:48	*15h 39m*	*11h 37m*				So, 12. Jan
Mo, 13. Jan		—:— – —:—	–	Mond stört	○	15:50	08:45	06:25	*39m*	07:05	*40m*	07:45	*40m*	08:26	*8h 22m*	16:48	*40m*	17:29	*40m*	18:09	*39m*	18:49	*15h 36m*	*11h 35m*				Mo, 13. Jan
Di, 14. Jan		—:— – —:—	–	Mond stört		17:11	09:19	06:25	*39m*	07:04	*40m*	07:45	*40m*	08:25	*8h 24m*	16:50	*40m*	17:30	*40m*	18:11	*39m*	18:50	*15h 34m*	*11h 34m*				Di, 14. Jan
Mi, 15. Jan		—:— – —:—	–	Mond stört		18:33	09:43	06:24	*39m*	07:04	*40m*	07:44	*40m*	08:24	*8h 26m*	16:51	*40m*	17:31	*40m*	18:12	*39m*	18:51	*15h 32m*	*11h 32m*				Mi, 15. Jan
Do, 16. Jan		18:53 – 19:51	*57m*	AN$_+$ *bis* M$_\nearrow$		19:51	10:00	06:24	*39m*	07:03	*40m*	07:43	*40m*	08:24	*8h 29m*	16:53	*40m*	17:33	*40m*	18:13	*39m*	18:53	*15h 29m*	*11h 30m*				Do, 16. Jan
Fr, 17. Jan		18:54 – 21:05	*2h 10m*	AN$_+$ *bis* M$_\nearrow$		21:05	10:14	06:23	*39m*	07:02	*40m*	07:43	*39m*	08:23	*8h 31m*	16:54	*39m*	17:34	*40m*	18:15	*39m*	18:54	*15h 27m*	*11h 28m*				Fr, 17. Jan
Sa, 18. Jan		18:55 – 22:16	*3h 20m*	AN$_+$ *bis* M$_\nearrow$		22:16	10:25	06:22	*39m*	07:02	*40m*	07:42	*39m*	08:22	*8h 34m*	16:56	*39m*	17:36	*40m*	18:16	*39m*	18:55	*15h 24m*	*11h 26m*				Sa, 18. Jan
So, 19. Jan		18:57 – 23:26	*4h 29m*	AN$_+$ *bis* M$_\nearrow$		23:26	10:35	06:22	*39m*	07:01	*40m*	07:41	*39m*	08:21	*8h 36m*	16:58	*39m*	17:37	*40m*	18:17	*39m*	18:57	*15h 22m*	*11h 24m*				So, 19. Jan
Mo, 20. Jan		18:58 – 00:35*	*5h 37m*	AN$_+$ *bis* M$_\nearrow$		—:—	10:45	06:21	*39m*	07:00	*39m*	07:40	*39m*	08:20	*8h 39m*	16:59	*39m*	17:39	*40m*	18:19	*39m*	18:58	*15h 19m*	*11h 22m*				Mo, 20. Jan
Di, 21. Jan		18:59 – 01:47*	*6h 47m*	AN$_+$ *bis* M$_\nearrow$	◑	00:35	10:56	06:20	*39m*	06:59	*39m*	07:39	*39m*	08:19	*8h 42m*	17:01	*39m*	17:40	*39m*	18:20	*39m*	18:59	*15h 16m*	*11h 20m*				Di, 21. Jan
Mi, 22. Jan		19:01 – 03:00*	*7h 58m*	AN$_+$ *bis* M$_\nearrow$		01:47	11:09	06:19	*39m*	06:58	*39m*	07:38	*39m*	08:17	*8h 44m*	17:02	*39m*	17:42	*39m*	18:22	*39m*	19:01	*15h 13m*	*11h 17m*				Mi, 22. Jan
Do, 23. Jan		19:02 – 04:14*	*9h 12m*	AN$_+$ *bis* M$_\nearrow$		03:00	11:26	06:18	*39m*	06:58	*39m*	07:37	*39m*	08:16	*8h 47m*	17:04	*39m*	17:43	*39m*	18:23	*39m*	19:02	*15h 10m*	*11h 15m*				Do, 23. Jan
Fr, 24. Jan		19:04 – 05:27*	*10h 23m*	AN$_+$ *bis* M$_\nearrow$		04:14	11:49	06:18	*38m*	06:57	*39m*	07:36	*38m*	08:15	*8h 50m*	17:06	*39m*	17:45	*39m*	18:25	*39m*	19:04	*15h 08m*	*11h 13m*				Fr, 24. Jan
Sa, 25. Jan		19:05 – 06:16*	*11h 10m*	AN$_+$ *bis* AN$_-$		05:27	12:23	06:17	*38m*	06:56	*39m*	07:35	*38m*	08:14	*8h 53m*	17:08	*38m*	17:46	*39m*	18:26	*38m*	19:05	*15h 05m*	*11h 10m*				Sa, 25. Jan
So, 26. Jan		19:06 – 06:15*	*11h 08m*	AN$_+$ *bis* AN$_-$		06:34	13:11	06:16	*38m*	06:54	*39m*	07:34	*38m*	08:13	*8h 56m*	17:09	*38m*	17:48	*39m*	18:27	*38m*	19:06	*15h 01m*	*11h 08m*				So, 26. Jan
Mo, 27. Jan		19:08 – 06:14*	*11h 05m*	AN$_+$ *bis* AN$_-$		07:29	14:15	06:15	*38m*	06:53	*39m*	07:33	*38m*	08:11	*8h 59m*	17:11	*38m*	17:50	*39m*	18:29	*38m*	19:08	*14h 58m*	*11h 05m*				Mo, 27. Jan
Di, 28. Jan		19:09 – 06:12*	*11h 03m*	AN$_+$ *bis* AN$_-$		08:09	15:34	06:14	*38m*	06:52	*39m*	07:32	*38m*	08:10	*9h 02m*	17:13	*38m*	17:51	*39m*	18:31	*38m*	19:09	*14h 55m*	*11h 03m*				Di, 28. Jan
Mi, 29. Jan		19:11 – 06:11*	*11h 00m*	AN$_+$ *bis* AN$_-$	●	08:38	17:00	06:12	*38m*	06:51	*39m*	07:30	*38m*	08:09	*9h 05m*	17:15	*38m*	17:53	*39m*	18:32	*38m*	19:11	*14h 52m*	*11h 00m*				Mi, 29. Jan
Do, 30. Jan		19:12 – 06:10*	*10h 57m*	AN$_+$ *bis* AN$_-$		08:59	18:29	06:11	*38m*	06:50	*39m*	07:29	*38m*	08:07	*9h 09m*	17:16	*38m*	17:55	*39m*	18:34	*38m*	19:12	*14h 49m*	*10h 57m*				Do, 30. Jan
Fr, 31. Jan		19:56 – 06:09*	*10h 12m*	M$_\searrow$ *bis* AN$_-$		09:15	19:56	06:10	*38m*	06:49	*38m*	07:28	*38m*	08:06	*9h 12m*	17:18	*38m*	17:56	*38m*	18:35	*38m*	19:14	*14h 46m*	*10h 55m*				Fr, 31. Jan
Sa, 1. Feb		21:22 – 06:08*	*8h 45m*	M$_\searrow$ *bis* AN$_-$		09:29	21:22	06:09	*38m*	06:47	*38m*	07:26	*37m*	08:04	*9h 15m*	17:20	*37m*	17:58	*38m*	18:37	*38m*	19:15	*14h 42m*	*10h 52m*				Sa, 1. Feb
So, 2. Feb		22:48 – 06:06*	*7h 18m*	M$_\searrow$ *bis* AN$_-$		09:42	22:48	06:08	*38m*	06:46	*38m*	07:25	*37m*	08:03	*9h 18m*	17:22	*37m*	17:59	*38m*	18:38	*38m*	19:17	*14h 39m*	*10h 49m*				So, 2. Feb
Mo, 3. Feb		00:14* – 06:05*	*5h 50m*	M$_\searrow$ *bis* AN$_-$		09:55	—:—	06:06	*38m*	06:45	*38m*	07:23	*37m*	08:01	*9h 22m*	17:23	*37m*	18:01	*38m*	18:40	*38m*	19:18	*14h 36m*	*10h 46m*				Mo, 3. Feb
Di, 4. Feb		01:42* – 06:04*	*4h 21m*	M$_\searrow$ *bis* AN$_-$		10:10	00:14	06:05	*38m*	06:43	*38m*	07:22	*37m*	08:00	*9h 25m*	17:25	*37m*	18:03	*38m*	18:41	*38m*	19:20	*14h 32m*	*10h 43m*				Di, 4. Feb
Mi, 5. Feb		03:10* – 06:02*	*2h 51m*	M$_\searrow$ *bis* AN$_-$	◐	10:29	01:42	06:04	*38m*	06:42	*38m*	07:21	*37m*	07:58	*9h 29m*	17:27	*37m*	18:04	*38m*	18:43	*38m*	19:21	*14h 29m*	*10h 40m*				Mi, 5. Feb
Do, 6. Feb		04:34* – 06:01*	*1h 26m*	M$_\searrow$ *bis* AN$_-$		10:55	03:10	06:02	*38m*	06:41	*38m*	07:19	*37m*	07:56	*9h 32m*	17:29	*37m*	18:06	*38m*	18:45	*38m*	19:23	*14h 25m*	*10h 37m*				Do, 6. Feb
Fr, 7. Feb		05:46* – 05:59*	*13m*	M$_\searrow$ *bis* AN$_-$		11:33	04:34	06:01	*38m*	06:39	*38m*	07:17	*37m*	07:55	*9h 36m*	17:31	*37m*	18:08	*38m*	18:46	*38m*	19:25	*14h 22m*	*10h 34m*				Fr, 7. Feb
Sa, 8. Feb		—:— – —:—	–	Mond stört		12:25	05:46	05:59	*38m*	06:38	*38m*	07:16	*37m*	07:53	*9h 39m*	17:32	*37m*	18:09	*38m*	18:48	*38m*	19:26	*14h 18m*	*10h 31m*				Sa, 8. Feb
So, 9. Feb		—:— – —:—	–	Mond stört		13:33	06:41	05:58	*38m*	06:36	*38m*	07:14	*36m*	07:51	*9h 43m*	17:34	*36m*	18:11	*38m*	18:49	*38m*	19:28	*14h 15m*	*10h 28m*				So, 9. Feb
Mo, 10. Feb		—:— – —:—	–	Mond stört		14:51	07:20	05:56	*38m*	06:34	*38m*	07:13	*36m*	07:49	*9h 46m*	17:36	*36m*	18:13	*38m*	18:51	*38m*	19:29	*14h 11m*	*10h 25m*				Mo, 10. Feb
Di, 11. Feb		—:— – —:—	–	Mond stört		16:11	07:47	05:55	*38m*	06:33	*38m*	07:11	*36m*	07:48	*9h 50m*	17:38	*36m*	18:14	*38m*	18:53	*38m*	19:31	*14h 07m*	*10h 22m*				Di, 11. Feb
Mi, 12. Feb		—:— – —:—	–	Mond stört	○	17:31	08:06	05:53	*38m*	06:31	*38m*	07:09	*36m*	07:46	*9h 53m*	17:40	*36m*	18:16	*38m*	18:54	*38m*	19:33	*14h 04m*	*10h 18m*				Mi, 12. Feb
Do, 13. Feb		—:— – —:—	–	Mond stört		18:46	08:20	05:51	*38m*	06:30	*37m*	07:07	*36m*	07:44	*9h 57m*	17:41	*36m*	18:18	*38m*	18:56	*38m*	19:34	*14h 00m*	*10h 15m*				Do, 13. Feb
Fr, 14. Feb		19:36 – 19:59	*23m*	AN$_+$ *bis* M$_\nearrow$		19:59	08:32	05:50	*38m*	06:28	*37m*	07:06	*36m*	07:42	*10h 01m*	17:43	*36m*	18:20	*37m*	18:58	*38m*	19:36	*13h 57m*	*10h 12m*				Fr, 14. Feb
Sa, 15. Feb		19:37 – 21:10	*1h 32m*	AN$_+$ *bis* M$_\nearrow$		21:10	08:42	05:48	*38m*	06:26	*37m*	07:04	*36m*	07:40	*10h 04m*	17:45	*36m*	18:21	*37m*	18:59	*38m*	19:37	*13h 53m*	*10h 08m*				Sa, 15. Feb
So, 16. Feb		19:39 – 22:20	*2h 40m*	AN$_+$ *bis* M$_\nearrow$		22:20	08:52	05:46	*38m*	06:24	*37m*	07:02	*36m*	07:38	*10h 08m*	17:47	*36m*	18:23	*37m*	19:01	*38m*	19:39	*13h 49m*	*10h 05m*				So, 16. Feb
Mo, 17. Feb		19:41 – 23:30	*3h 49m*	AN$_+$ *bis* M$_\nearrow$		23:30	09:02	05:44	*38m*	06:23	*37m*	07:00	*36m*	07:36	*10h 12m*	17:49	*36m*	18:25	*37m*	19:02	*38m*	19:41	*13h 45m*	*10h 02m*				Mo, 17. Feb
Di, 18. Feb		19:42 – 00:43*	*5h 00m*	AN$_+$ *bis* M$_\nearrow$		—:—	09:14	05:43	*38m*	06:21	*37m*	06:58	*35m*	07:34	*10h 15m*	17:50	*36m*	18:26	*37m*	19:04	*38m*	19:42	*13h 42m*	*9h 58m*				Di, 18. Feb
Mi, 19. Feb		19:44 – 01:56*	*6h 12m*	AN$_+$ *bis* M$_\nearrow$		00:43	09:29	05:41	*38m*	06:19	*37m*	06:57	*35m*	07:32	*10h 19m*	17:52	*35m*	18:28	*37m*	19:06	*38m*	19:44	*13h 38m*	*9h 55m*				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		19:46 – 03:09*	*7h 23m*	AN_+ *bis* $M_↗$	◑	01:56	09:49	05:39	*38m*	06:17	*37m*	06:55	*35m*	07:31	*10h 23m*	17:54	*35m*	18:30	*37m*	19:07	*38m*	19:46	*13h 34m*	*9h 51m*				Do, 20. Feb
Fr, 21. Feb		19:47 – 04:18*	*8h 31m*	AN_+ *bis* $M_↗$		03:09	10:17	05:37	*38m*	06:15	*37m*	06:53	*35m*	07:29	*10h 27m*	17:56	*35m*	18:31	*37m*	19:09	*38m*	19:47	*13h 30m*	*9h 47m*				Fr, 21. Feb
Sa, 22. Feb		19:49 – 05:18*	*9h 28m*	AN_+ *bis* $M_↗$		04:18	10:57	05:35	*38m*	06:13	*37m*	06:51	*35m*	07:27	*10h 30m*	17:57	*35m*	18:33	*37m*	19:11	*38m*	19:49	*13h 27m*	*9h 44m*				Sa, 22. Feb
So, 23. Feb		19:51 – 05:31*	*9h 40m*	AN_+ *bis* AN_-		05:18	11:53	05:33	*38m*	06:11	*37m*	06:49	*35m*	07:24	*10h 34m*	17:59	*35m*	18:35	*37m*	19:12	*38m*	19:51	*13h 23m*	*9h 40m*				So, 23. Feb
Mo, 24. Feb		19:52 – 05:29*	*9h 36m*	AN_+ *bis* AN_-		06:04	13:05	05:31	*38m*	06:09	*37m*	06:47	*35m*	07:22	*10h 38m*	18:01	*35m*	18:36	*37m*	19:14	*38m*	19:52	*13h 19m*	*9h 36m*				Mo, 24. Feb
Di, 25. Feb		19:54 – 05:27*	*9h 33m*	AN_+ *bis* AN_-		06:37	14:28	05:29	*38m*	06:07	*37m*	06:45	*35m*	07:20	*10h 42m*	18:03	*35m*	18:38	*37m*	19:16	*38m*	19:54	*13h 15m*	*9h 33m*				Di, 25. Feb
Mi, 26. Feb		19:56 – 05:25*	*9h 29m*	AN_+ *bis* AN_-		07:01	15:57	05:27	*38m*	06:06	*37m*	06:43	*35m*	07:18	*10h 46m*	18:04	*35m*	18:40	*37m*	19:17	*38m*	19:56	*13h 11m*	*9h 29m*				Mi, 26. Feb
Do, 27. Feb		19:57 – 05:23*	*9h 25m*	AN_+ *bis* AN_-		07:20	17:26	05:25	*38m*	06:03	*37m*	06:41	*35m*	07:16	*10h 49m*	18:06	*35m*	18:42	*37m*	19:19	*38m*	19:57	*13h 07m*	*9h 25m*				Do, 27. Feb
Fr, 28. Feb		19:59 – 05:21*	*9h 21m*	AN_+ *bis* AN_-	●	07:35	18:55	05:23	*38m*	06:01	*37m*	06:39	*35m*	07:14	*10h 53m*	18:08	*35m*	18:43	*37m*	19:21	*38m*	19:59	*13h 04m*	*9h 21m*				Fr, 28. Feb
Sa, 1. Mär		20:24 – 05:19*	*8h 55m*	$M_↘$ *bis* AN_-		07:48	20:24	05:21	*38m*	05:59	*37m*	06:37	*35m*	07:12	*10h 57m*	18:10	*35m*	18:45	*37m*	19:22	*38m*	20:01	*13h 00m*	*9h 17m*				Sa, 1. Mär
So, 2. Mär		21:53 – 05:17*	*7h 23m*	$M_↘$ *bis* AN_-		08:01	21:53	05:19	*38m*	05:57	*37m*	06:35	*35m*	07:10	*11h 01m*	18:11	*35m*	18:47	*37m*	19:24	*38m*	20:03	*12h 56m*	*9h 13m*				So, 2. Mär
Mo, 3. Mär		23:24 – 05:15*	*5h 50m*	$M_↘$ *bis* AN_-		08:16	23:24	05:17	*38m*	05:55	*37m*	06:33	*35m*	07:08	*11h 05m*	18:13	*35m*	18:48	*37m*	19:26	*38m*	20:04	*12h 52m*	*9h 10m*				Mo, 3. Mär
Di, 4. Mär		00:55* – 05:12*	*4h 17m*	$M_↘$ *bis* AN_-		08:34	—:—	05:15	*38m*	05:53	*37m*	06:31	*35m*	07:06	*11h 09m*	18:15	*35m*	18:50	*37m*	19:27	*38m*	20:06	*12h 48m*	*9h 06m*				Di, 4. Mär
Mi, 5. Mär		02:23* – 05:10*	*2h 47m*	$M_↘$ *bis* AN_-		08:58	00:55	05:12	*38m*	05:51	*37m*	06:28	*35m*	07:03	*11h 13m*	18:17	*35m*	18:52	*37m*	19:29	*38m*	20:08	*12h 44m*	*9h 02m*				Mi, 5. Mär
Do, 6. Mär		03:40* – 05:08*	*1h 28m*	$M_↘$ *bis* AN_-	◐	09:31	02:23	05:10	*38m*	05:49	*37m*	06:26	*35m*	07:01	*11h 16m*	18:18	*35m*	18:53	*37m*	19:31	*38m*	20:10	*12h 40m*	*8h 58m*				Do, 6. Mär
Fr, 7. Mär		04:40* – 05:06*	*25m*	$M_↘$ *bis* AN_-		10:19	03:40	05:08	*38m*	05:47	*37m*	06:24	*34m*	06:59	*11h 20m*	18:20	*35m*	18:55	*37m*	19:33	*38m*	20:12	*12h 36m*	*8h 53m*				Fr, 7. Mär
Sa, 8. Mär		—:——:—	–	Mond stört		11:23	04:40	05:06	*38m*	05:44	*37m*	06:22	*34m*	06:57	*11h 24m*	18:22	*35m*	18:57	*37m*	19:34	*39m*	20:13	*12h 33m*	*8h 49m*				Sa, 8. Mär
So, 9. Mär		—:——:—	–	Mond stört		12:37	05:23	05:03	*39m*	05:42	*37m*	06:20	*34m*	06:55	*11h 28m*	18:23	*35m*	18:58	*37m*	19:36	*39m*	20:15	*12h 29m*	*8h 45m*				So, 9. Mär
Mo, 10. Mär		—:——:—	–	Mond stört		13:57	05:52	05:01	*39m*	05:40	*37m*	06:18	*34m*	06:53	*11h 32m*	18:25	*35m*	19:00	*37m*	19:38	*39m*	20:17	*12h 25m*	*8h 41m*				Mo, 10. Mär
Di, 11. Mär		—:——:—	–	Mond stört		15:16	06:13	04:59	*39m*	05:38	*37m*	06:15	*34m*	06:50	*11h 36m*	18:27	*34m*	19:02	*37m*	19:39	*39m*	20:19	*12h 21m*	*8h 37m*				Di, 11. Mär
Mi, 12. Mär		—:——:—	–	Mond stört		16:32	06:28	04:56	*39m*	05:36	*37m*	06:13	*34m*	06:48	*11h 40m*	18:28	*34m*	19:03	*37m*	19:41	*39m*	20:21	*12h 17m*	*8h 33m*				Mi, 12. Mär
Do, 13. Mär		—:——:—	–	Mond stört		17:45	06:40	04:54	*39m*	05:33	*37m*	06:11	*34m*	06:46	*11h 44m*	18:30	*34m*	19:05	*37m*	19:43	*39m*	20:23	*12h 13m*	*8h 28m*				Do, 13. Mär
Fr, 14. Mär		—:——:—	–	Mond stört	○	18:56	06:50	04:51	*39m*	05:31	*37m*	06:09	*34m*	06:44	*11h 48m*	18:32	*34m*	19:07	*37m*	19:45	*39m*	20:24	*12h 09m*	*8h 24m*				Fr, 14. Mär
Sa, 15. Mär		—:——:—	–	Mond stört		20:06	07:00	04:49	*39m*	05:29	*37m*	06:07	*34m*	06:41	*11h 52m*	18:33	*35m*	19:08	*37m*	19:46	*39m*	20:26	*12h 05m*	*8h 20m*				Sa, 15. Mär
So, 16. Mär		20:28 – 21:16	*47m*	AN_+ *bis* $M_↗$		21:16	07:10	04:47	*39m*	05:26	*37m*	06:04	*34m*	06:39	*11h 55m*	18:35	*35m*	19:10	*38m*	19:48	*40m*	20:28	*12h 01m*	*8h 15m*				So, 16. Mär
Mo, 17. Mär		20:30 – 22:28	*1h 57m*	AN_+ *bis* $M_↗$		22:28	07:22	04:44	*39m*	05:24	*37m*	06:02	*34m*	06:37	*11h 59m*	18:37	*35m*	19:12	*38m*	19:50	*40m*	20:30	*11h 57m*	*8h 11m*				Mo, 17. Mär
Di, 18. Mär		20:32 – 23:41	*3h 08m*	AN_+ *bis* $M_↗$		23:41	07:35	04:42	*40m*	05:22	*38m*	06:00	*34m*	06:35	*12h 03m*	18:38	*35m*	19:13	*38m*	19:52	*40m*	20:32	*11h 54m*	*8h 07m*				Di, 18. Mär
Mi, 19. Mär		20:34 – 00:54*	*4h 20m*	AN_+ *bis* $M_↗$		—:—	07:53	04:39	*40m*	05:19	*38m*	05:57	*34m*	06:32	*12h 07m*	18:40	*35m*	19:15	*38m*	19:53	*40m*	20:34	*11h 50m*	*8h 02m*				Mi, 19. Mär
Do, 20. Mär		20:36 – 02:05*	*5h 28m*	AN_+ *bis* $M_↗$		00:54	08:17	04:37	*40m*	05:17	*38m*	05:55	*35m*	06:30	*12h 11m*	18:42	*35m*	19:17	*38m*	19:55	*40m*	20:36	*11h 46m*	*7h 58m*				Do, 20. Mär
Fr, 21. Mär		20:38 – 03:07*	*6h 29m*	AN_+ *bis* $M_↗$		02:05	08:51	04:34	*40m*	05:15	*38m*	05:53	*35m*	06:28	*12h 15m*	18:43	*35m*	19:19	*38m*	19:57	*40m*	20:38	*11h 42m*	*7h 53m*				Fr, 21. Mär
Sa, 22. Mär		20:40 – 03:58*	*7h 17m*	AN_+ *bis* $M_↗$	◑	03:07	09:39	04:31	*40m*	05:12	*38m*	05:51	*35m*	06:26	*12h 19m*	18:45	*35m*	19:20	*38m*	19:59	*41m*	20:40	*11h 38m*	*7h 48m*				Sa, 22. Mär
So, 23. Mär		20:42 – 04:26*	*7h 44m*	AN_+ *bis* AN_-		03:58	10:43	04:29	*41m*	05:10	*38m*	05:48	*35m*	06:23	*12h 23m*	18:47	*35m*	19:22	*38m*	20:01	*41m*	20:42	*11h 34m*	*7h 44m*				So, 23. Mär
Mo, 24. Mär		20:44 – 04:24*	*7h 39m*	AN_+ *bis* AN_-		04:35	11:59	04:26	*41m*	05:07	*38m*	05:46	*35m*	06:21	*12h 27m*	18:48	*35m*	19:24	*38m*	20:02	*41m*	20:44	*11h 30m*	*7h 39m*				Mo, 24. Mär
Di, 25. Mär		20:46 – 04:21*	*7h 34m*	AN_+ *bis* AN_-		05:02	13:24	04:24	*41m*	05:05	*38m*	05:44	*35m*	06:19	*12h 31m*	18:50	*35m*	19:25	*38m*	20:04	*41m*	20:46	*11h 26m*	*7h 34m*				Di, 25. Mär
Mi, 26. Mär		20:48 – 04:18*	*7h 30m*	AN_+ *bis* AN_-		05:23	14:51	04:21	*41m*	05:03	*38m*	05:41	*35m*	06:17	*12h 34m*	18:52	*35m*	19:27	*39m*	20:06	*41m*	20:48	*11h 22m*	*7h 30m*				Mi, 26. Mär
Do, 27. Mär		20:50 – 04:16*	*7h 25m*	AN_+ *bis* AN_-		05:39	16:20	04:18	*41m*	05:00	*38m*	05:39	*35m*	06:14	*12h 38m*	18:53	*35m*	19:29	*39m*	20:08	*42m*	20:50	*11h 18m*	*7h 25m*				Do, 27. Mär
Fr, 28. Mär		20:52 – 04:13*	*7h 20m*	AN_+ *bis* AN_-		05:53	17:49	04:16	*42m*	04:58	*39m*	05:37	*35m*	06:12	*12h 42m*	18:55	*35m*	19:30	*39m*	20:10	*42m*	20:52	*11h 15m*	*7h 20m*				Fr, 28. Mär
Sa, 29. Mär		20:54 – 04:10*	*7h 15m*	AN_+ *bis* AN_-	●	06:06	19:19	04:13	*42m*	04:55	*39m*	05:35	*35m*	06:10	*12h 46m*	18:57	*35m*	19:32	*39m*	20:12	*42m*	20:54	*11h 11m*	*7h 15m*				Sa, 29. Mär
So, 30. Mär	MESZ	21:57 – 05:07*	*7h 10m*	AN_+ *bis* AN_-		07:20	21:52	05:10	*42m*	05:53	*39m*	06:32	*35m*	07:08	*12h 50m*	19:58	*35m*	20:34	*39m*	21:14	*43m*	21:57	*11h 07m*	*7h 10m*				So, 30. Mär
Mo, 31. Mär	MESZ	23:27 – 05:05*	*5h 37m*	$M_↘$ *bis* AN_-		07:37	23:27	05:07	*42m*	05:50	*39m*	06:30	*35m*	07:06	*12h 54m*	20:00	*35m*	20:36	*39m*	21:15	*43m*	21:59	*11h 03m*	*7h 05m*				Mo, 31. Mär
Di, 1. Apr	MESZ	01:00* – 05:02*	*4h 01m*	$M_↘$ *bis* AN_-		07:59	—:—	05:05	*43m*	05:48	*39m*	06:28	*35m*	07:03	*12h 58m*	20:02	*35m*	20:37	*39m*	21:17	*43m*	22:01	*10h 59m*	*7h 01m*				Di, 1. Apr
Mi, 2. Apr	MESZ	02:26* – 04:59*	*2h 33m*	$M_↘$ *bis* AN_-		08:29	01:00	05:02	*43m*	05:45	*39m*	06:25	*35m*	07:01	*13h 02m*	20:03	*35m*	20:39	*40m*	21:19	*43m*	22:03	*10h 55m*	*6h 56m*				Mi, 2. Apr
Do, 3. Apr	MESZ	03:34* – 04:56*	*1h 22m*	$M_↘$ *bis* AN_-		09:13	02:26	04:59	*43m*	05:43	*40m*	06:23	*35m*	06:59	*13h 06m*	20:05	*36m*	20:41	*40m*	21:21	*44m*	22:05	*10h 51m*	*6h 50m*				Do, 3. Apr
Fr, 4. Apr	MESZ	04:23* – 04:53*	*30m*	$M_↘$ *bis* AN_-		10:13	03:34	04:56	*44m*	05:40	*40m*	06:21	*35m*	06:57	*13h 09m*	20:06	*36m*	20:43	*40m*	21:23	*44m*	22:08	*10h 47m*	*6h 45m*				Fr, 4. Apr
Sa, 5. Apr	MESZ	—:——:—	–	Mond stört	◐	11:26	04:23	04:53	*44m*	05:38	*40m*	06:18	*36m*	06:54	*13h 13m*	20:08	*36m*	20:44	*40m*	21:25	*44m*	22:10	*10h 44m*	*6h 40m*				Sa, 5. Apr
So, 6. Apr	MESZ	—:——:—	–	Mond stört		12:45	04:57	04:51	*44m*	05:35	*40m*	06:16	*36m*	06:52	*13h 17m*	20:10	*36m*	20:46	*40m*	21:27	*45m*	22:12	*10h 40m*	*6h 35m*				So, 6. Apr
Mo, 7. Apr	MESZ	—:——:—	–	Mond stört		14:04	05:20	04:48	*45m*	05:33	*40m*	06:14	*36m*	06:50	*13h 21m*	20:11	*36m*	20:48	*41m*	21:29	*45m*	22:14	*10h 36m*	*6h 30m*				Mo, 7. Apr
Di, 8. Apr	MESZ	—:——:—	–	Mond stört		15:21	05:36	04:45	*45m*	05:30	*40m*	06:11	*36m*	06:48	*13h 25m*	20:13	*36m*	20:50	*41m*	21:31	*46m*	22:17	*10h 32m*	*6h 25m*				Di, 8. Apr
Mi, 9. Apr	MESZ	—:——:—	–	Mond stört		16:34	05:49	04:42	*45m*	05:28	*41m*	06:09	*36m*	06:46	*13h 29m*	20:15	*36m*	20:51	*41m*	21:33	*46m*	22:19	*10h 28m*	*6h 19m*				Mi, 9. Apr
Do, 10. Apr	MESZ	—:——:—	–	Mond stört		17:45	06:00	04:39	*46m*	05:25	*41m*	06:07	*36m*	06:43	*13h 32m*	20:16	*36m*	20:53	*41m*	21:35	*46m*	22:22	*10h 24m*	*6h 14m*				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		18:55	06:10	04:36	*46m*	05:23	*41m*	06:05	*36m*	06:41	*13h 36m*	20:18	*36m*	20:55	*41m*	21:37	*47m*	22:24	*10h 21m*	*6h 09m*				Fr, 11. Apr
Sa, 12. Apr	MESZ	—:——:—	–	Mond stört		20:05	06:19	04:33	*47m*	05:20	*41m*	06:02	*36m*	06:39	*13h 40m*	20:20	*37m*	20:57	*42m*	21:39	*47m*	22:27	*10h 17m*	*6h 03m*				Sa, 12. Apr
So, 13. Apr	MESZ	—:——:—	–	Mond stört	○	21:16	06:30	04:30	*47m*	05:18	*42m*	06:00	*37m*	06:37	*13h 44m*	20:21	*37m*	20:58	*42m*	21:41	*48m*	22:29	*10h 13m*	*5h 58m*				So, 13. Apr
Mo, 14. Apr	MESZ	—:——:—	–	Mond stört		22:28	06:43	04:27	*48m*	05:15	*42m*	05:58	*37m*	06:35	*13h 48m*	20:23	*37m*	21:00	*42m*	21:43	*48m*	22:32	*10h 09m*	*5h 52m*				Mo, 14. Apr
Di, 15. Apr	MESZ	22:34 – 23:42	*1h 07m*	AN$_+$ *bis* M↗		23:42	06:59	04:24	*48m*	05:13	*42m*	05:55	*37m*	06:33	*13h 51m*	20:25	*37m*	21:02	*42m*	21:45	*49m*	22:34	*10h 06m*	*5h 46m*				Di, 15. Apr
Mi, 16. Apr	MESZ	22:37 – 00:53*	*2h 16m*	AN$_+$ *bis* M↗		—:—	07:21	04:21	*49m*	05:10	*42m*	05:53	*37m*	06:31	*13h 55m*	20:26	*37m*	21:04	*43m*	21:47	*49m*	22:37	*10h 02m*	*5h 41m*				Mi, 16. Apr
Do, 17. Apr	MESZ	22:39 – 01:58*	*3h 18m*	AN$_+$ *bis* M↗		00:53	07:52	04:18	*49m*	05:08	*43m*	05:51	*37m*	06:29	*13h 59m*	20:28	*37m*	21:06	*43m*	21:49	*50m*	22:39	*9h 58m*	*5h 35m*				Do, 17. Apr
Fr, 18. Apr	MESZ	22:42 – 02:52*	*4h 10m*	AN$_+$ *bis* M↗		01:58	08:34	04:15	*50m*	05:05	*43m*	05:49	*37m*	06:26	*14h 02m*	20:29	*37m*	21:07	*43m*	21:51	*50m*	22:42	*9h 54m*	*5h 29m*				Fr, 18. Apr
Sa, 19. Apr	MESZ	22:45 – 03:34*	*4h 48m*	AN$_+$ *bis* M↗		02:52	09:31	04:12	*50m*	05:03	*43m*	05:46	*37m*	06:24	*14h 06m*	20:31	*38m*	21:09	*44m*	21:53	*51m*	22:45	*9h 51m*	*5h 23m*				Sa, 19. Apr
So, 20. Apr	MESZ	22:48 – 04:04*	*5h 16m*	AN$_+$ *bis* M↗		03:34	10:42	04:09	*51m*	05:00	*44m*	05:44	*38m*	06:22	*14h 10m*	20:33	*38m*	21:11	*44m*	21:55	*52m*	22:48	*9h 47m*	*5h 17m*				So, 20. Apr
Mo, 21. Apr	MESZ	22:50 – 04:02*	*5h 11m*	AN$_+$ *bis* AN$_-$	◑	04:04	12:01	04:06	*52m*	04:58	*44m*	05:42	*38m*	06:20	*14h 14m*	20:34	*38m*	21:13	*44m*	21:58	*52m*	22:50	*9h 43m*	*5h 11m*				Mo, 21. Apr
Di, 22. Apr	MESZ	22:53 – 03:59*	*5h 05m*	AN$_+$ *bis* AN$_-$		04:26	13:24	04:02	*52m*	04:55	*44m*	05:40	*38m*	06:18	*14h 17m*	20:36	*38m*	21:15	*45m*	22:00	*53m*	22:53	*9h 40m*	*5h 05m*				Di, 22. Apr
Mi, 23. Apr	MESZ	22:56 – 03:56*	*4h 59m*	AN$_+$ *bis* AN$_-$		04:43	14:49	03:59	*53m*	04:53	*45m*	05:38	*38m*	06:16	*14h 21m*	20:38	*38m*	21:16	*45m*	22:02	*54m*	22:56	*9h 36m*	*4h 59m*				Mi, 23. Apr
Do, 24. Apr	MESZ	22:59 – 03:53*	*4h 53m*	AN$_+$ *bis* AN$_-$		04:57	16:15	03:56	*54m*	04:50	*45m*	05:35	*38m*	06:14	*14h 24m*	20:39	*39m*	21:18	*45m*	22:04	*54m*	22:59	*9h 33m*	*4h 53m*				Do, 24. Apr
Fr, 25. Apr	MESZ	23:02 – 03:49*	*4h 47m*	AN$_+$ *bis* AN$_-$		05:11	17:43	03:53	*54m*	04:48	*45m*	05:33	*38m*	06:12	*14h 28m*	20:41	*39m*	21:20	*46m*	22:06	*55m*	23:02	*9h 29m*	*4h 47m*				Fr, 25. Apr
Sa, 26. Apr	MESZ	23:05 – 03:46*	*4h 41m*	AN$_+$ *bis* AN$_-$		05:24	19:14	03:49	*55m*	04:45	*46m*	05:31	*39m*	06:10	*14h 32m*	20:42	*39m*	21:22	*46m*	22:08	*56m*	23:05	*9h 25m*	*4h 41m*				Sa, 26. Apr
So, 27. Apr	MESZ	23:08 – 03:43*	*4h 34m*	AN$_+$ *bis* AN$_-$	●	05:39	20:48	03:46	*56m*	04:43	*46m*	05:29	*39m*	06:08	*14h 35m*	20:44	*39m*	21:24	*46m*	22:11	*57m*	23:08	*9h 22m*	*4h 34m*				So, 27. Apr
Mo, 28. Apr	MESZ	23:11 – 03:39*	*4h 28m*	AN$_+$ *bis* AN$_-$		05:59	22:25	03:43	*57m*	04:40	*46m*	05:27	*39m*	06:06	*14h 39m*	20:46	*39m*	21:26	*47m*	22:13	*58m*	23:11	*9h 18m*	*4h 28m*				Mo, 28. Apr
Di, 29. Apr	MESZ	23:58 – 03:36*	*3h 38m*	M↘ *bis* AN$_-$		06:25	23:58	03:39	*58m*	04:38	*47m*	05:25	*39m*	06:05	*14h 42m*	20:47	*40m*	21:27	*47m*	22:15	*59m*	23:14	*9h 15m*	*4h 21m*				Di, 29. Apr
Mi, 30. Apr	MESZ	01:17* – 03:32*	*2h 15m*	M↘ *bis* AN$_-$		07:03	—:—	03:36	*59m*	04:35	*47m*	05:23	*39m*	06:03	*14h 46m*	20:49	*40m*	21:29	*48m*	22:17	*1h 00m*	23:17	*9h 11m*	*4h 15m*				Mi, 30. Apr
Do, 1. Mai	MESZ	02:17* – 03:29*	*1h 12m*	M↘ *bis* AN$_-$		07:58	01:17	03:32	*1h 00m*	04:33	*48m*	05:21	*40m*	06:01	*14h 49m*	20:51	*40m*	21:31	*48m*	22:19	*1h 01m*	23:21	*9h 08m*	*4h 08m*				Do, 1. Mai
Fr, 2. Mai	MESZ	02:57* – 03:25*	*28m*	M↘ *bis* AN$_-$		09:09	02:17	03:29	*1h 01m*	04:30	*48m*	05:19	*40m*	05:59	*14h 53m*	20:52	*40m*	21:33	*48m*	22:22	*1h 02m*	23:24	*9h 05m*	*4h 01m*				Fr, 2. Mai
Sa, 3. Mai	MESZ	—:——:—	–	Mond stört		10:29	02:57	03:25	*1h 02m*	04:28	*48m*	05:17	*40m*	05:57	*14h 56m*	20:54	*40m*	21:35	*49m*	22:24	*1h 03m*	23:27	*9h 01m*	*3h 54m*				Sa, 3. Mai
So, 4. Mai	MESZ	—:——:—	–	Mond stört	◐	11:51	03:24	03:22	*1h 03m*	04:25	*49m*	05:15	*40m*	05:55	*14h 59m*	20:55	*41m*	21:36	*49m*	22:26	*1h 04m*	23:31	*8h 58m*	*3h 47m*				So, 4. Mai
Mo, 5. Mai	MESZ	—:——:—	–	Mond stört		13:09	03:43	03:18	*1h 04m*	04:23	*49m*	05:13	*41m*	05:54	*15h 03m*	20:57	*41m*	21:38	*50m*	22:28	*1h 05m*	23:34	*8h 55m*	*3h 40m*				Mo, 5. Mai
Di, 6. Mai	MESZ	—:——:—	–	Mond stört		14:24	03:57	03:15	*1h 05m*	04:20	*50m*	05:11	*41m*	05:52	*15h 06m*	20:59	*41m*	21:40	*50m*	22:31	*1h 07m*	23:38	*8h 51m*	*3h 32m*				Di, 6. Mai
Mi, 7. Mai	MESZ	—:——:—	–	Mond stört		15:35	04:08	03:11	*1h 07m*	04:18	*50m*	05:09	*41m*	05:50	*15h 09m*	21:00	*41m*	21:42	*51m*	22:33	*1h 08m*	23:42	*8h 48m*	*3h 25m*				Mi, 7. Mai
Do, 8. Mai	MESZ	—:——:—	–	Mond stört		16:45	04:18	03:07	*1h 08m*	04:16	*51m*	05:07	*41m*	05:49	*15h 13m*	21:02	*42m*	21:44	*51m*	22:35	*1h 10m*	23:46	*8h 45m*	*3h 17m*				Do, 8. Mai
Fr, 9. Mai	MESZ	—:——:—	–	Mond stört		17:54	04:28	03:03	*1h 10m*	04:13	*51m*	05:05	*42m*	05:47	*15h 16m*	21:03	*42m*	21:45	*52m*	22:38	*1h 11m*	23:49	*8h 42m*	*3h 09m*				Fr, 9. Mai
Sa, 10. Mai	MESZ	—:——:—	–	Mond stört		19:05	04:39	02:59	*1h 11m*	04:11	*52m*	05:03	*42m*	05:45	*15h 19m*	21:05	*42m*	21:47	*52m*	22:40	*1h 13m*	23:53	*8h 38m*	*3h 01m*				Sa, 10. Mai
So, 11. Mai	MESZ	—:——:—	–	Mond stört		20:17	04:51	02:55	*1h 13m*	04:09	*52m*	05:01	*42m*	05:44	*15h 22m*	21:06	*42m*	21:49	*53m*	22:42	*1h 15m*	23:58	*8h 35m*	*2h 53m*				So, 11. Mai
Mo, 12. Mai	MESZ	—:——:—	–	Mond stört	○	21:30	05:06	02:51	*1h 15m*	04:06	*53m*	04:59	*42m*	05:42	*15h 25m*	21:08	*43m*	21:51	*53m*	22:44	*1h 17m*	00:02*	*8h 32m*	*2h 44m*				Mo, 12. Mai
Di, 13. Mai	MESZ	—:——:—	–	Mond stört		22:43	05:26	02:47	*1h 17m*	04:04	*53m*	04:58	*43m*	05:41	*15h 28m*	21:09	*43m*	21:53	*54m*	22:47	*1h 19m*	00:06*	*8h 29m*	*2h 36m*				Di, 13. Mai
Mi, 14. Mai	MESZ	—:——:—	–	Mond stört		23:50	05:54	02:42	*1h 19m*	04:02	*54m*	04:56	*43m*	05:39	*15h 31m*	21:11	*43m*	21:54	*54m*	22:49	*1h 21m*	00:11*	*8h 26m*	*2h 26m*				Mi, 14. Mai
Do, 15. Mai	MESZ	00:16* – 00:48*	*32m*	AN$_+$ *bis* M↗		—:—	06:33	02:38	*1h 21m*	03:59	*54m*	04:54	*43m*	05:38	*15h 34m*	21:12	*43m*	21:56	*55m*	22:51	*1h 24m*	00:16*	*8h 23m*	*2h 17m*				Do, 15. Mai
Fr, 16. Mai	MESZ	00:21* – 01:33*	*1h 12m*	AN$_+$ *bis* M↗		00:48	07:26	02:33	*1h 24m*	03:57	*55m*	04:52	*43m*	05:36	*15h 37m*	21:14	*44m*	21:58	*55m*	22:54	*1h 27m*	00:21*	*8h 21m*	*2h 07m*				Fr, 16. Mai
Sa, 17. Mai	MESZ	00:26* – 02:06*	*1h 39m*	AN$_+$ *bis* M↗		01:33	08:32	02:28	*1h 27m*	03:55	*55m*	04:51	*44m*	05:35	*15h 40m*	21:15	*44m*	21:59	*56m*	22:56	*1h 30m*	00:26*	*8h 18m*	*1h 56m*				Sa, 17. Mai
So, 18. Mai	MESZ	00:32* – 02:17*	*1h 45m*	AN$_+$ *bis* AN$_-$		02:06	09:48	02:23	*1h 30m*	03:53	*56m*	04:49	*44m*	05:33	*15h 43m*	21:17	*44m*	22:01	*56m*	22:58	*1h 33m*	00:32*	*8h 15m*	*1h 45m*				So, 18. Mai
Mo, 19. Mai	MESZ	00:38* – 02:11*	*1h 32m*	AN$_+$ *bis* AN$_-$		02:30	11:08	02:17	*1h 33m*	03:51	*56m*	04:48	*44m*	05:32	*15h 45m*	21:18	*44m*	22:03	*57m*	23:00	*1h 37m*	00:38*	*8h 12m*	*1h 32m*				Mo, 19. Mai
Di, 20. Mai	MESZ	00:45* – 02:04*	*1h 18m*	AN$_+$ *bis* AN$_-$	◑	02:48	12:30	02:11	*1h 37m*	03:49	*57m*	04:46	*44m*	05:31	*15h 48m*	21:19	*45m*	22:04	*58m*	23:03	*1h 42m*	00:45*	*8h 10m*	*1h 18m*				Di, 20. Mai
Mi, 21. Mai	MESZ	00:54* – 01:55*	*1h 01m*	AN$_+$ *bis* AN$_-$		03:03	13:52	02:04	*1h 42m*	03:46	*58m*	04:45	*45m*	05:30	*15h 51m*	21:21	*45m*	22:06	*58m*	23:05	*1h 48m*	00:54*	*8h 07m*	*1h 01m*				Mi, 21. Mai
Do, 22. Mai	MESZ	01:05* – 01:44*	*38m*	AN$_+$ *bis* AN$_-$		03:16	15:16	01:55	*1h 48m*	03:44	*58m*	04:43	*45m*	05:28	*15h 53m*	21:22	*45m*	22:08	*59m*	23:07	*1h 58m*	01:05*	*8h 05m*	*38m*				Do, 22. Mai
Fr, 23. Mai	MESZ			Astr. MD		03:29	16:42	01:44	*1h 58m*	03:42	*59m*	04:42	*45m*	05:27	*15h 56m*	21:23	*45m*	22:09	*59m*	23:09		—:—	*8h 02m*		23:09 – 03:40*	*4h 31m*	ND$_+$ *bis* ND$_-$	Fr, 23. Mai
Sa, 24. Mai	MESZ			Astr. MD		03:43	18:12	—:—		03:40	*59m*	04:40	*45m*	05:26	*15h 58m*	21:25	*46m*	22:11	*1h 00m*	23:11		—:—	*8h 00m*		23:11 – 03:38*	*4h 27m*	ND$_+$ *bis* ND$_-$	Sa, 24. Mai
So, 25. Mai	MESZ			Astr. MD		03:59	19:46	—:—		03:38	*1h 00m*	04:39	*46m*	05:25	*16h 00m*	21:26	*46m*	22:12	*1h 01m*	23:13		—:—	*7h 57m*		23:13 – 03:37*	*4h 23m*	ND$_+$ *bis* ND$_-$	So, 25. Mai
Mo, 26. Mai	MESZ			Astr. MD		04:22	21:21	—:—		03:37	*1h 01m*	04:38	*46m*	05:24	*16h 03m*	21:27	*46m*	22:14	*1h 01m*	23:15		—:—	*7h 55m*		23:15 – 03:35*	*4h 19m*	ND$_+$ *bis* ND$_-$	Mo, 26. Mai
Di, 27. Mai	MESZ			Astr. MD	●	04:54	22:49	—:—		03:35	*1h 01m*	04:36	*46m*	05:23	*16h 05m*	21:28	*46m*	22:15	*1h 02m*	23:18		—:—	*7h 53m*		23:18 – 03:33*	*4h 15m*	ND$_+$ *bis* ND$_-$	Di, 27. Mai
Mi, 28. Mai	MESZ			Astr. MD		05:41	—:—	—:—		03:33	*1h 02m*	04:35	*46m*	05:22	*16h 07m*	21:30	*47m*	22:17	*1h 02m*	23:20		—:—	*7h 51m*		00:00* – 03:31*	*3h 30m*	M↘ *bis* ND$_-$	Mi, 28. Mai
Do, 29. Mai	MESZ			Astr. MD		06:46	00:00	—:—		03:31	*1h 02m*	04:34	*47m*	05:21	*16h 09m*	21:31	*47m*	22:18	*1h 03m*	23:22		—:—	*7h 49m*		00:50* – 03:29*	*2h 39m*	M↘ *bis* ND$_-$	Do, 29. Mai
Fr, 30. Mai	MESZ			Astr. MD		08:05	00:50	—:—		03:29	*1h 03m*	04:33	*47m*	05:20	*16h 11m*	21:32	*47m*	22:19	*1h 04m*	23:23		—:—	*7h 47m*		01:24* – 03:28*	*2h 04m*	M↘ *bis* ND$_-$	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			Astr. MD		09:30	01:24	—:—		03:28	*1h 04m*	04:32	*47m*	05:19	*16h 13m*	21:33	*47m*	22:21	*1h 04m*	23:25		—:—	*7h 45m*		01:46* – 03:26*	*1h 39m*	M↘ *bis* ND_	Sa, 31. Mai
So, 1. Jun	MESZ			Astr. MD		10:52	01:46	—:—		03:26	*1h 04m*	04:31	*47m*	05:19	*16h 15m*	21:34	*47m*	22:22	*1h 05m*	23:27		—:—	*7h 43m*		02:02* – 03:25*	*1h 22m*	M↘ *bis* ND_	So, 1. Jun
Mo, 2. Jun	MESZ			Astr. MD		12:10	02:02	—:—		03:25	*1h 05m*	04:30	*47m*	05:18	*16h 17m*	21:35	*48m*	22:23	*1h 05m*	23:29		—:—	*7h 41m*		02:15* – 03:23*	*1h 08m*	M↘ *bis* ND_	Mo, 2. Jun
Di, 3. Jun	MESZ			Astr. MD	◐	13:23	02:15	—:—		03:23	*1h 05m*	04:29	*48m*	05:17	*16h 19m*	21:36	*48m*	22:24	*1h 06m*	23:31		—:—	*7h 40m*		02:26* – 03:22*	*55m*	M↘ *bis* ND_	Di, 3. Jun
Mi, 4. Jun	MESZ			Astr. MD		14:34	02:26	—:—		03:22	*1h 06m*	04:28	*48m*	05:16	*16h 20m*	21:37	*48m*	22:26	*1h 06m*	23:32		—:—	*7h 38m*		02:36* – 03:20*	*44m*	M↘ *bis* ND_	Mi, 4. Jun
Do, 5. Jun	MESZ			Astr. MD		15:44	02:36	—:—		03:20	*1h 06m*	04:27	*48m*	05:16	*16h 22m*	21:38	*48m*	22:27	*1h 07m*	23:34		—:—	*7h 37m*		02:47* – 03:19*	*32m*	M↘ *bis* ND_	Do, 5. Jun
Fr, 6. Jun	MESZ			Astr. MD		16:54	02:47	—:—		03:19	*1h 07m*	04:27	*48m*	05:15	*16h 23m*	21:39	*48m*	22:28	*1h 07m*	23:36		—:—	*7h 35m*		02:58* – 03:18*	*19m*	M↘ *bis* ND_	Fr, 6. Jun
Sa, 7. Jun	MESZ			Astr. MD		18:05	02:58	—:—		03:18	*1h 07m*	04:26	*48m*	05:15	*16h 24m*	21:40	*48m*	22:29	*1h 08m*	23:37		—:—	*7h 34m*		03:12* – 03:17*	*4m*	M↘ *bis* ND_	Sa, 7. Jun
So, 8. Jun	MESZ			Astr. MD		19:18	03:12	—:—		03:17	*1h 08m*	04:25	*48m*	05:14	*16h 26m*	21:41	*49m*	22:30	*1h 08m*	23:39		—:—	*7h 33m*		—:— – —:—	–	Mond stört	So, 8. Jun
Mo, 9. Jun	MESZ			Astr. MD		20:31	03:31	—:—		03:16	*1h 08m*	04:25	*49m*	05:14	*16h 27m*	21:41	*49m*	22:31	*1h 09m*	23:40		—:—	*7h 32m*		—:— – —:—	–	Mond stört	Mo, 9. Jun
Di, 10. Jun	MESZ			Astr. MD		21:41	03:56	—:—		03:15	*1h 09m*	04:24	*49m*	05:14	*16h 28m*	21:42	*49m*	22:31	*1h 09m*	23:41		—:—	*7h 31m*		—:— – —:—	–	Mond stört	Di, 10. Jun
Mi, 11. Jun	MESZ			Astr. MD	○	22:42	04:32	—:—		03:14	*1h 09m*	04:24	*49m*	05:13	*16h 29m*	21:43	*49m*	22:32	*1h 10m*	23:42		—:—	*7h 30m*		—:— – —:—	–	Mond stört	Mi, 11. Jun
Do, 12. Jun	MESZ			Astr. MD		23:32	05:21	—:—		03:13	*1h 10m*	04:23	*49m*	05:13	*16h 30m*	21:43	*49m*	22:33	*1h 10m*	23:43		—:—	*7h 29m*		—:— – —:—	–	Mond stört	Do, 12. Jun
Fr, 13. Jun	MESZ			Astr. MD		—:—	06:24	—:—		03:13	*1h 10m*	04:23	*49m*	05:13	*16h 31m*	21:44	*49m*	22:34	*1h 10m*	23:44		—:—	*7h 28m*		23:44 – 00:08*	*23m*	ND+ *bis* M↗	Fr, 13. Jun
Sa, 14. Jun	MESZ			Astr. MD		00:08	07:38	—:—		03:12	*1h 10m*	04:23	*49m*	05:13	*16h 31m*	21:44	*49m*	22:34	*1h 10m*	23:45		—:—	*7h 28m*		23:45 – 00:34*	*49m*	ND+ *bis* M↗	Sa, 14. Jun
So, 15. Jun	MESZ			Astr. MD		00:34	08:57	—:—		03:12	*1h 10m*	04:23	*49m*	05:13	*16h 32m*	21:45	*49m*	22:35	*1h 11m*	23:46		—:—	*7h 27m*		23:46 – 00:54*	*1h 07m*	ND+ *bis* M↗	So, 15. Jun
Mo, 16. Jun	MESZ			Astr. MD		00:54	10:18	—:—		03:11	*1h 11m*	04:23	*49m*	05:12	*16h 32m*	21:45	*49m*	22:35	*1h 11m*	23:47		—:—	*7h 27m*		23:47 – 01:09*	*1h 22m*	ND+ *bis* M↗	Mo, 16. Jun
Di, 17. Jun	MESZ			Astr. MD		01:09	11:40	—:—		03:11	*1h 11m*	04:23	*49m*	05:12	*16h 33m*	21:46	*50m*	22:36	*1h 11m*	23:47		—:—	*7h 26m*		23:47 – 01:23*	*1h 35m*	ND+ *bis* M↗	Di, 17. Jun
Mi, 18. Jun	MESZ			Astr. MD	◑	01:23	13:01	—:—		03:11	*1h 11m*	04:23	*50m*	05:13	*16h 33m*	21:46	*50m*	22:36	*1h 11m*	23:48		—:—	*7h 26m*		23:48 – 01:35*	*1h 47m*	ND+ *bis* M↗	Mi, 18. Jun
Do, 19. Jun	MESZ			Astr. MD		01:35	14:23	—:—		03:11	*1h 11m*	04:23	*50m*	05:13	*16h 33m*	21:46	*50m*	22:37	*1h 11m*	23:48		—:—	*7h 26m*		23:48 – 01:48*	*1h 59m*	ND+ *bis* M↗	Do, 19. Jun
Fr, 20. Jun	MESZ			Astr. MD		01:48	15:48	—:—		03:11	*1h 11m*	04:23	*50m*	05:13	*16h 33m*	21:47	*50m*	22:37	*1h 11m*	23:49		—:—	*7h 26m*		23:49 – 02:03*	*2h 14m*	ND+ *bis* M↗	Fr, 20. Jun
Sa, 21. Jun	MESZ			Astr. MD		02:03	17:18	—:—		03:11	*1h 11m*	04:23	*50m*	05:13	*16h 33m*	21:47	*50m*	22:37	*1h 11m*	23:49		—:—	*7h 26m*		23:49 – 02:22*	*2h 33m*	ND+ *bis* M↗	Sa, 21. Jun
So, 22. Jun	MESZ			Astr. MD		02:22	18:50	—:—		03:11	*1h 11m*	04:23	*50m*	05:13	*16h 33m*	21:47	*50m*	22:37	*1h 11m*	23:49		—:—	*7h 26m*		23:49 – 02:48*	*2h 59m*	ND+ *bis* M↗	So, 22. Jun
Mo, 23. Jun	MESZ			Astr. MD		02:48	20:20	—:—		03:12	*1h 11m*	04:23	*50m*	05:14	*16h 33m*	21:47	*50m*	22:37	*1h 11m*	23:49		—:—	*7h 26m*		23:49 – 03:12*	*3h 23m*	ND+ *bis* ND_	Mo, 23. Jun
Di, 24. Jun	MESZ			Astr. MD		03:27	21:39	—:—		03:12	*1h 11m*	04:24	*50m*	05:14	*16h 33m*	21:47	*49m*	22:37	*1h 11m*	23:49		—:—	*7h 26m*		23:49 – 03:13*	*3h 24m*	ND+ *bis* ND_	Di, 24. Jun
Mi, 25. Jun	MESZ			Astr. MD	●	04:24	22:39	—:—		03:13	*1h 11m*	04:24	*49m*	05:14	*16h 33m*	21:47	*49m*	22:37	*1h 11m*	23:48		—:—	*7h 27m*		23:48 – 03:14*	*3h 25m*	ND+ *bis* ND_	Mi, 25. Jun
Do, 26. Jun	MESZ			Astr. MD		05:38	23:20	—:—		03:14	*1h 11m*	04:25	*49m*	05:15	*16h 32m*	21:47	*49m*	22:37	*1h 11m*	23:48		—:—	*7h 27m*		23:48 – 03:14*	*3h 26m*	ND+ *bis* ND_	Do, 26. Jun
Fr, 27. Jun	MESZ			Astr. MD		07:02	23:47	—:—		03:14	*1h 11m*	04:25	*49m*	05:15	*16h 31m*	21:47	*49m*	22:37	*1h 10m*	23:48		—:—	*7h 28m*		23:48 – 03:15*	*3h 27m*	ND+ *bis* ND_	Fr, 27. Jun
Sa, 28. Jun	MESZ			Astr. MD		08:27	—:—	—:—		03:15	*1h 10m*	04:26	*49m*	05:16	*16h 31m*	21:47	*49m*	22:37	*1h 10m*	23:47		—:—	*7h 29m*		00:06* – 03:16*	*3h 09m*	M↘ *bis* ND_	Sa, 28. Jun
So, 29. Jun	MESZ			Astr. MD		09:49	00:06	—:—		03:16	*1h 10m*	04:27	*49m*	05:16	*16h 30m*	21:47	*49m*	22:36	*1h 10m*	23:47		—:—	*7h 30m*		00:21* – 03:17*	*2h 56m*	M↘ *bis* ND_	So, 29. Jun
Mo, 30. Jun	MESZ			Astr. MD		11:06	00:21	—:—		03:17	*1h 10m*	04:27	*49m*	05:17	*16h 29m*	21:47	*49m*	22:36	*1h 09m*	23:46		—:—	*7h 30m*		00:32* – 03:18*	*2h 45m*	M↘ *bis* ND_	Mo, 30. Jun
Di, 1. Jul	MESZ			Astr. MD		12:19	00:32	—:—		03:18	*1h 09m*	04:28	*49m*	05:18	*16h 28m*	21:46	*49m*	22:36	*1h 09m*	23:45		—:—	*7h 31m*		00:43* – 03:20*	*2h 36m*	M↘ *bis* ND_	Di, 1. Jul
Mi, 2. Jul	MESZ			Astr. MD	◐	13:30	00:43	—:—		03:20	*1h 09m*	04:29	*49m*	05:18	*16h 27m*	21:46	*49m*	22:35	*1h 08m*	23:44		—:—	*7h 33m*		00:53* – 03:21*	*2h 27m*	M↘ *bis* ND_	Mi, 2. Jul
Do, 3. Jul	MESZ			Astr. MD		14:40	00:53	—:—		03:21	*1h 08m*	04:30	*49m*	05:19	*16h 26m*	21:46	*49m*	22:35	*1h 08m*	23:43		—:—	*7h 34m*		01:05* – 03:22*	*2h 17m*	M↘ *bis* ND_	Do, 3. Jul
Fr, 4. Jul	MESZ			Astr. MD		15:51	01:05	—:—		03:22	*1h 08m*	04:31	*49m*	05:20	*16h 25m*	21:45	*48m*	22:34	*1h 08m*	23:42		—:—	*7h 35m*		01:18* – 03:24*	*2h 05m*	M↘ *bis* ND_	Fr, 4. Jul
Sa, 5. Jul	MESZ			Astr. MD		17:04	01:18	—:—		03:24	*1h 08m*	04:32	*48m*	05:21	*16h 23m*	21:45	*48m*	22:33	*1h 07m*	23:41		—:—	*7h 36m*		01:34* – 03:25*	*1h 50m*	M↘ *bis* ND_	Sa, 5. Jul
So, 6. Jul	MESZ			Astr. MD		18:17	01:34	—:—		03:25	*1h 07m*	04:33	*48m*	05:21	*16h 22m*	21:44	*48m*	22:33	*1h 07m*	23:40		—:—	*7h 38m*		01:57* – 03:27*	*1h 29m*	M↘ *bis* ND_	So, 6. Jul
Mo, 7. Jul	MESZ			Astr. MD		19:29	01:57	—:—		03:27	*1h 07m*	04:34	*48m*	05:22	*16h 21m*	21:43	*48m*	22:32	*1h 06m*	23:38		—:—	*7h 39m*		02:29* – 03:28*	*59m*	M↘ *bis* ND_	Mo, 7. Jul
Di, 8. Jul	MESZ			Astr. MD		20:34	02:29	—:—		03:28	*1h 06m*	04:35	*48m*	05:23	*16h 19m*	21:43	*48m*	22:31	*1h 05m*	23:37		—:—	*7h 41m*		03:13* – 03:30*	*17m*	M↘ *bis* ND_	Di, 8. Jul
Mi, 9. Jul	MESZ			Astr. MD		21:28	03:13	—:—		03:30	*1h 05m*	04:36	*48m*	05:24	*16h 17m*	21:42	*47m*	22:30	*1h 05m*	23:35		—:—	*7h 43m*		—:— – —:—	–	Mond stört	Mi, 9. Jul
Do, 10. Jul	MESZ			Astr. MD	○	22:09	04:12	—:—		03:32	*1h 05m*	04:37	*47m*	05:25	*16h 16m*	21:41	*47m*	22:29	*1h 04m*	23:34		—:—	*7h 44m*		—:— – —:—	–	Mond stört	Do, 10. Jul
Fr, 11. Jul	MESZ			Astr. MD		22:38	05:24	—:—		03:34	*1h 04m*	04:39	*47m*	05:26	*16h 14m*	21:41	*47m*	22:28	*1h 04m*	23:32		—:—	*7h 46m*		—:— – —:—	–	Mond stört	Fr, 11. Jul
Sa, 12. Jul	MESZ			Astr. MD		23:00	06:44	—:—		03:36	*1h 04m*	04:40	*47m*	05:27	*16h 12m*	21:40	*47m*	22:27	*1h 03m*	23:31		—:—	*7h 48m*		—:— – —:—	–	Mond stört	Sa, 12. Jul
So, 13. Jul	MESZ			Astr. MD		23:16	08:06	—:—		03:37	*1h 03m*	04:41	*47m*	05:28	*16h 10m*	21:39	*47m*	22:26	*1h 03m*	23:29		—:—	*7h 50m*		—:— – —:—	–	Mond stört	So, 13. Jul
Mo, 14. Jul	MESZ			Astr. MD		23:30	09:28	—:—		03:39	*1h 03m*	04:42	*47m*	05:30	*16h 08m*	21:38	*46m*	22:25	*1h 02m*	23:27		—:—	*7h 52m*		23:27 – 23:30	*2m*	ND+ *bis* M↗	Mo, 14. Jul
Di, 15. Jul	MESZ			Astr. MD		23:43	10:50	—:—		03:41	*1h 02m*	04:44	*46m*	05:31	*16h 06m*	21:37	*46m*	22:24	*1h 01m*	23:25		—:—	*7h 54m*		23:25 – 23:43	*17m*	ND+ *bis* M↗	Di, 15. Jul
Mi, 16. Jul	MESZ			Astr. MD		23:55	12:11	—:—		03:43	*1h 01m*	04:45	*46m*	05:32	*16h 04m*	21:36	*46m*	22:22	*1h 01m*	23:24		—:—	*7h 57m*		23:24 – 23:55	*31m*	ND+ *bis* M↗	Mi, 16. Jul
Do, 17. Jul	MESZ			Astr. MD		—:—	13:35	—:—		03:45	*1h 01m*	04:47	*46m*	05:33	*16h 01m*	21:35	*46m*	22:21	*1h 00m*	23:22		—:—	*7h 59m*		23:22 – 00:09*	*47m*	ND+ *bis* M↗	Do, 17. Jul
Fr, 18. Jul	MESZ			Astr. MD	◑	00:09	15:01	—:—		03:47	*1h 00m*	04:48	*46m*	05:34	*15h 59m*	21:34	*45m*	22:20	*1h 00m*	23:20		—:—	*8h 01m*		23:20 – 00:26*	*1h 05m*	ND+ *bis* M↗	Fr, 18. Jul
Sa, 19. Jul	MESZ	—:— – —:—	–	Mond stört		00:26	16:30	—:—		03:50	*1h 00m*	04:50	*45m*	05:36	*15h 57m*	21:33	*45m*	22:18	*59m*	23:18	*2h 03m*	01:22*	*8h 04m*	*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		Δt		Ph.	↑	↓	Astr.	Δt	Naut.	Δt	Bürg.	Δt	↑	Δt	↓	Δt	Bürg.	Δt	Naut.	Δt	Astr.	Δt	Δt		Δt		
So, 20. Jul	MESZ	01:08* – 01:21*	*13m*	AN_+ *bis* $M_↗$		00:48	17:59	01:48	*2h 03m*	03:52	*59m*	04:51	*45m*	05:37	*15h 54m*	21:31	*45m*	22:17	*58m*	23:16	*1h 51m*	01:08*	*8h 06m*	*54m*				So, 20. Jul
Mo, 21. Jul	MESZ	00:59* – 02:09*	*1h 10m*	AN_+ *bis* $M_↗$		01:21	19:21	02:02	*1h 51m*	03:54	*58m*	04:53	*45m*	05:38	*15h 52m*	21:30	*45m*	22:15	*58m*	23:14	*1h 44m*	00:59*	*8h 09m*	*1h 12m*				Mo, 21. Jul
Di, 22. Jul	MESZ	00:51* – 02:19*	*1h 27m*	AN_+ *bis* AN_-		02:09	20:28	02:11	*1h 44m*	03:56	*58m*	04:54	*45m*	05:39	*15h 49m*	21:29	*44m*	22:14	*57m*	23:12	*1h 39m*	00:51*	*8h 11m*	*1h 27m*				Di, 22. Jul
Mi, 23. Jul	MESZ	00:45* – 02:25*	*1h 40m*	AN_+ *bis* AN_-		03:14	21:15	02:19	*1h 39m*	03:58	*57m*	04:56	*44m*	05:41	*15h 46m*	21:28	*44m*	22:12	*57m*	23:09	*1h 35m*	00:45*	*8h 14m*	*1h 40m*				Mi, 23. Jul
Do, 24. Jul	MESZ	00:39* – 02:31*	*1h 52m*	AN_+ *bis* AN_-	●	04:34	21:47	02:25	*1h 35m*	04:00	*57m*	04:57	*44m*	05:42	*15h 44m*	21:26	*44m*	22:11	*56m*	23:07	*1h 31m*	00:39*	*8h 17m*	*1h 52m*				Do, 24. Jul
Fr, 25. Jul	MESZ	00:33* – 02:36*	*2h 02m*	AN_+ *bis* AN_-		06:00	22:09	02:31	*1h 31m*	04:02	*56m*	04:59	*44m*	05:44	*15h 41m*	21:25	*44m*	22:09	*56m*	23:05	*1h 28m*	00:33*	*8h 19m*	*2h 02m*				Fr, 25. Jul
Sa, 26. Jul	MESZ	00:28* – 02:42*	*2h 13m*	AN_+ *bis* AN_-		07:24	22:26	02:36	*1h 28m*	04:05	*56m*	05:01	*44m*	05:45	*15h 38m*	21:24	*43m*	22:07	*55m*	23:03	*1h 25m*	00:28*	*8h 22m*	*2h 13m*				Sa, 26. Jul
So, 27. Jul	MESZ	00:23* – 02:46*	*2h 22m*	AN_+ *bis* AN_-		08:44	22:38	02:42	*1h 25m*	04:07	*55m*	05:02	*43m*	05:46	*15h 35m*	21:22	*43m*	22:06	*54m*	23:01	*1h 22m*	00:23*	*8h 25m*	*2h 22m*				So, 27. Jul
Mo, 28. Jul	MESZ	00:19* – 02:51*	*2h 32m*	AN_+ *bis* AN_-		10:00	22:49	02:46	*1h 22m*	04:09	*54m*	05:04	*43m*	05:48	*15h 32m*	21:21	*43m*	22:04	*54m*	22:58	*1h 20m*	00:19*	*8h 28m*	*2h 32m*				Mo, 28. Jul
Di, 29. Jul	MESZ	00:14* – 02:55*	*2h 41m*	AN_+ *bis* AN_-		11:13	23:00	02:51	*1h 20m*	04:11	*54m*	05:06	*43m*	05:49	*15h 29m*	21:19	*43m*	22:02	*53m*	22:56	*1h 18m*	00:14*	*8h 31m*	*2h 41m*				Di, 29. Jul
Mi, 30. Jul	MESZ	00:10* – 03:00*	*2h 49m*	AN_+ *bis* AN_-		12:24	23:11	02:55	*1h 18m*	04:14	*53m*	05:07	*43m*	05:51	*15h 26m*	21:18	*42m*	22:00	*53m*	22:54	*1h 16m*	00:10*	*8h 34m*	*2h 49m*				Mi, 30. Jul
Do, 31. Jul	MESZ	00:06* – 03:04*	*2h 57m*	AN_+ *bis* AN_-		13:36	23:23	03:00	*1h 16m*	04:16	*53m*	05:09	*42m*	05:52	*15h 23m*	21:16	*42m*	21:59	*52m*	22:52	*1h 14m*	00:06*	*8h 37m*	*2h 57m*				Do, 31. Jul
Fr, 1. Aug	MESZ	00:02* – 03:08*	*3h 05m*	AN_+ *bis* AN_-	◐	14:48	23:38	03:04	*1h 14m*	04:18	*52m*	05:11	*42m*	05:54	*15h 20m*	21:14	*42m*	21:57	*52m*	22:49	*1h 12m*	00:02*	*8h 40m*	*3h 05m*				Fr, 1. Aug
Sa, 2. Aug	MESZ	23:58 – 03:12*	*3h 13m*	$M_↘$ *bis* AN_-		16:01	23:58	03:08	*1h 12m*	04:20	*52m*	05:13	*42m*	05:55	*15h 17m*	21:13	*42m*	21:55	*51m*	22:47	*1h 10m*	23:58	*8h 43m*	*3h 13m*				Sa, 2. Aug
So, 3. Aug	MESZ	00:25* – 03:15*	*2h 50m*	$M_↘$ *bis* AN_-		17:13	—:—	03:12	*1h 10m*	04:22	*51m*	05:14	*42m*	05:57	*15h 14m*	21:11	*41m*	21:53	*51m*	22:44	*1h 09m*	23:54	*8h 46m*	*3h 21m*				So, 3. Aug
Mo, 4. Aug	MESZ	01:04* – 03:19*	*2h 15m*	$M_↘$ *bis* AN_-		18:21	00:25	03:15	*1h 09m*	04:25	*51m*	05:16	*41m*	05:58	*15h 11m*	21:09	*41m*	21:51	*50m*	22:42	*1h 07m*	23:50	*8h 50m*	*3h 28m*				Mo, 4. Aug
Di, 5. Aug	MESZ	01:57* – 03:23*	*1h 25m*	$M_↘$ *bis* AN_-		19:20	01:04	03:19	*1h 07m*	04:27	*50m*	05:18	*41m*	06:00	*15h 08m*	21:08	*41m*	21:49	*50m*	22:40	*1h 06m*	23:46	*8h 53m*	*3h 36m*				Di, 5. Aug
Mi, 6. Aug	MESZ	03:05* – 03:26*	*21m*	$M_↘$ *bis* AN_-		20:06	01:57	03:23	*1h 06m*	04:29	*50m*	05:20	*41m*	06:01	*15h 04m*	21:06	*41m*	21:47	*49m*	22:37	*1h 05m*	23:42	*8h 56m*	*3h 43m*				Mi, 6. Aug
Do, 7. Aug	MESZ	—:— – —:—	–	Mond stört		20:40	03:05	03:26	*1h 05m*	04:31	*49m*	05:21	*41m*	06:03	*15h 01m*	21:04	*41m*	21:45	*49m*	22:35	*1h 04m*	23:39	*8h 59m*	*3h 50m*				Do, 7. Aug
Fr, 8. Aug	MESZ	—:— – —:—	–	Mond stört		21:04	04:23	03:29	*1h 04m*	04:34	*49m*	05:23	*41m*	06:04	*14h 58m*	21:02	*40m*	21:43	*49m*	22:32	*1h 02m*	23:35	*9h 03m*	*3h 57m*				Fr, 8. Aug
Sa, 9. Aug	MESZ	—:— – —:—	–	Mond stört	○	21:23	05:46	03:33	*1h 02m*	04:36	*49m*	05:25	*40m*	06:06	*14h 54m*	21:01	*40m*	21:41	*48m*	22:30	*1h 01m*	23:32	*9h 06m*	*4h 04m*				Sa, 9. Aug
So, 10. Aug	MESZ	—:— – —:—	–	Mond stört		21:37	07:10	03:36	*1h 01m*	04:38	*48m*	05:27	*40m*	06:07	*14h 51m*	20:59	*40m*	21:39	*48m*	22:27	*1h 00m*	23:28	*9h 09m*	*4h 11m*				So, 10. Aug
Mo, 11. Aug	MESZ	—:— – —:—	–	Mond stört		21:50	08:34	03:39	*1h 00m*	04:40	*48m*	05:28	*40m*	06:09	*14h 48m*	20:57	*40m*	21:37	*47m*	22:25	*59m*	23:25	*9h 13m*	*4h 17m*				Mo, 11. Aug
Di, 12. Aug	MESZ	—:— – —:—	–	Mond stört		22:03	09:58	03:42	*59m*	04:42	*47m*	05:30	*40m*	06:10	*14h 44m*	20:55	*39m*	21:35	*47m*	22:22	*58m*	23:21	*9h 16m*	*4h 24m*				Di, 12. Aug
Mi, 13. Aug	MESZ	—:— – —:—	–	Mond stört		22:16	11:22	03:46	*58m*	04:44	*47m*	05:32	*39m*	06:12	*14h 41m*	20:53	*39m*	21:33	*47m*	22:20	*57m*	23:18	*9h 20m*	*4h 30m*				Mi, 13. Aug
Do, 14. Aug	MESZ	—:— – —:—	–	Mond stört		22:32	12:48	03:49	*57m*	04:47	*47m*	05:34	*39m*	06:13	*14h 37m*	20:51	*39m*	21:31	*46m*	22:17	*57m*	23:14	*9h 23m*	*4h 37m*				Do, 14. Aug
Fr, 15. Aug	MESZ	—:— – —:—	–	Mond stört		22:52	14:17	03:52	*57m*	04:49	*46m*	05:35	*39m*	06:15	*14h 34m*	20:49	*39m*	21:29	*46m*	22:15	*56m*	23:11	*9h 27m*	*4h 43m*				Fr, 15. Aug
Sa, 16. Aug	MESZ	23:08 – 23:21	*12m*	AN_+ *bis* $M_↗$	◑	23:21	15:46	03:54	*56m*	04:51	*46m*	05:37	*39m*	06:16	*14h 30m*	20:47	*39m*	21:26	*45m*	22:12	*55m*	23:08	*9h 30m*	*4h 49m*				Sa, 16. Aug
So, 17. Aug	MESZ	23:04 – 00:02*	*57m*	AN_+ *bis* $M_↗$		—:—	17:10	03:57	*55m*	04:53	*45m*	05:39	*39m*	06:18	*14h 27m*	20:45	*38m*	21:24	*45m*	22:10	*54m*	23:04	*9h 34m*	*4h 55m*				So, 17. Aug
Mo, 18. Aug	MESZ	23:01 – 01:00*	*1h 59m*	AN_+ *bis* $M_↗$		00:02	18:20	04:00	*54m*	04:55	*45m*	05:41	*38m*	06:20	*14h 23m*	20:43	*38m*	21:22	*45m*	22:07	*53m*	23:01	*9h 37m*	*5h 01m*				Mo, 18. Aug
Di, 19. Aug	MESZ	22:58 – 02:15*	*3h 16m*	AN_+ *bis* $M_↗$		01:00	19:13	04:03	*53m*	04:57	*45m*	05:42	*38m*	06:21	*14h 20m*	20:41	*38m*	21:20	*44m*	22:05	*53m*	22:58	*9h 41m*	*5h 07m*				Di, 19. Aug
Mi, 20. Aug	MESZ	22:55 – 03:37*	*4h 42m*	AN_+ *bis* $M_↗$		02:15	19:49	04:06	*53m*	04:59	*44m*	05:44	*38m*	06:23	*14h 16m*	20:39	*38m*	21:18	*44m*	22:02	*52m*	22:55	*9h 45m*	*5h 13m*				Mi, 20. Aug
Do, 21. Aug	MESZ	22:52 – 04:11*	*5h 19m*	AN_+ *bis* AN_-		03:37	20:14	04:09	*52m*	05:01	*44m*	05:46	*38m*	06:24	*14h 12m*	20:37	*38m*	21:15	*44m*	22:00	*51m*	22:52	*9h 48m*	*5h 19m*				Do, 21. Aug
Fr, 22. Aug	MESZ	22:48 – 04:14*	*5h 25m*	AN_+ *bis* AN_-		05:01	20:31	04:11	*51m*	05:03	*44m*	05:48	*38m*	06:26	*14h 09m*	20:35	*38m*	21:13	*43m*	21:57	*51m*	22:48	*9h 52m*	*5h 25m*				Fr, 22. Aug
Sa, 23. Aug	MESZ	22:45 – 04:17*	*5h 31m*	AN_+ *bis* AN_-	●	06:23	20:45	04:14	*51m*	05:05	*44m*	05:49	*38m*	06:27	*14h 05m*	20:33	*37m*	21:11	*43m*	21:55	*50m*	22:45	*9h 55m*	*5h 31m*				Sa, 23. Aug
So, 24. Aug	MESZ	22:42 – 04:19*	*5h 36m*	AN_+ *bis* AN_-		07:40	20:56	04:17	*50m*	05:07	*43m*	05:51	*37m*	06:29	*14h 01m*	20:31	*37m*	21:09	*43m*	21:52	*50m*	22:42	*9h 59m*	*5h 36m*				So, 24. Aug
Mo, 25. Aug	MESZ	22:39 – 04:22*	*5h 42m*	AN_+ *bis* AN_-		08:54	21:07	04:19	*50m*	05:09	*43m*	05:53	*37m*	06:30	*13h 58m*	20:29	*37m*	21:06	*43m*	21:49	*49m*	22:39	*10h 03m*	*5h 42m*				Mo, 25. Aug
Di, 26. Aug	MESZ	22:36 – 04:24*	*5h 48m*	AN_+ *bis* AN_-		10:07	21:18	04:22	*49m*	05:11	*43m*	05:54	*37m*	06:32	*13h 54m*	20:27	*37m*	21:04	*42m*	21:47	*49m*	22:36	*10h 06m*	*5h 48m*				Di, 26. Aug
Mi, 27. Aug	MESZ	22:33 – 04:27*	*5h 53m*	AN_+ *bis* AN_-		11:19	21:29	04:24	*49m*	05:13	*42m*	05:56	*37m*	06:34	*13h 50m*	20:25	*37m*	21:02	*42m*	21:44	*48m*	22:33	*10h 10m*	*5h 53m*				Mi, 27. Aug
Do, 28. Aug	MESZ	22:30 – 04:29*	*5h 59m*	AN_+ *bis* AN_-		12:31	21:43	04:27	*48m*	05:15	*42m*	05:58	*37m*	06:35	*13h 47m*	20:22	*37m*	21:00	*42m*	21:42	*48m*	22:30	*10h 14m*	*5h 59m*				Do, 28. Aug
Fr, 29. Aug	MESZ	22:27 – 04:31*	*6h 04m*	AN_+ *bis* AN_-		13:44	22:00	04:29	*48m*	05:17	*42m*	06:00	*37m*	06:37	*13h 43m*	20:20	*36m*	20:57	*42m*	21:39	*47m*	22:27	*10h 18m*	*6h 04m*				Fr, 29. Aug
Sa, 30. Aug	MESZ	22:24 – 04:34*	*6h 09m*	$M_↘$ *bis* AN_-		14:57	22:24	04:31	*47m*	05:19	*42m*	06:01	*37m*	06:38	*13h 39m*	20:18	*36m*	20:55	*41m*	21:37	*47m*	22:24	*10h 21m*	*6h 09m*				Sa, 30. Aug
So, 31. Aug	MESZ	22:57 – 04:36*	*5h 38m*	$M_↘$ *bis* AN_-	◐	16:07	22:57	04:34	*47m*	05:21	*41m*	06:03	*36m*	06:40	*13h 36m*	20:16	*36m*	20:53	*41m*	21:34	*46m*	22:21	*10h 25m*	*6h 15m*				So, 31. Aug
Mo, 1. Sep	MESZ	23:43 – 04:39*	*4h 55m*	$M_↘$ *bis* AN_-		17:09	23:43	04:36	*46m*	05:23	*41m*	06:05	*36m*	06:41	*13h 32m*	20:14	*36m*	20:50	*41m*	21:32	*46m*	22:18	*10h 29m*	*6h 20m*				Mo, 1. Sep
Di, 2. Sep	MESZ	00:44* – 04:41*	*3h 56m*	$M_↘$ *bis* AN_-		18:00	—:—	04:39	*46m*	05:25	*41m*	06:06	*36m*	06:43	*13h 28m*	20:11	*36m*	20:48	*41m*	21:29	*45m*	22:15	*10h 33m*	*6h 25m*				Di, 2. Sep
Mi, 3. Sep	MESZ	01:58* – 04:43*	*2h 45m*	$M_↘$ *bis* AN_-		18:38	00:44	04:41	*45m*	05:27	*41m*	06:08	*36m*	06:45	*13h 24m*	20:09	*36m*	20:46	*40m*	21:27	*45m*	22:12	*10h 36m*	*6h 30m*				Mi, 3. Sep
Do, 4. Sep	MESZ	03:19* – 04:45*	*1h 26m*	$M_↘$ *bis* AN_-		19:06	01:58	04:43	*45m*	05:29	*41m*	06:10	*36m*	06:46	*13h 20m*	20:07	*36m*	20:43	*40m*	21:24	*45m*	22:09	*10h 40m*	*6h 36m*				Do, 4. Sep
Fr, 5. Sep	MESZ	04:44* – 04:48*	*3m*	$M_↘$ *bis* AN_-		19:27	03:19	04:45	*45m*	05:31	*40m*	06:11	*36m*	06:48	*13h 17m*	20:05	*36m*	20:41	*40m*	21:22	*44m*	22:06	*10h 44m*	*6h 41m*				Fr, 5. Sep
Sa, 6. Sep	MESZ	—:— – —:—	–	Mond stört		19:43	04:44	04:48	*44m*	05:32	*40m*	06:13	*36m*	06:49	*13h 13m*	20:03	*36m*	20:39	*40m*	21:19	*44m*	22:04	*10h 48m*	*6h 46m*				Sa, 6. Sep
So, 7. Sep	MESZ	—:— – —:—	–	Mond stört	○	19:57	06:09	04:50	*44m*	05:34	*40m*	06:15	*36m*	06:51	*13h 09m*	20:00	*35m*	20:36	*40m*	21:16	*44m*	22:01	*10h 51m*	*6h 51m*				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		Δt		Ph.	↑	↓	Astr.	Δt	Naut.	Δt	Bürg.	Δt	↑	Δt	↓	Δt	Bürg.	Δt	Naut.	Δt	Astr.	Δt	Δt		Δt		
Mo, 8. Sep	MESZ	—:——:—	–	Mond stört		20:10	07:34	04:52	*44m*	05:36	*40m*	06:16	*36m*	06:52	*13h 05m*	19:58	*35m*	20:34	*40m*	21:14	*43m*	21:58	*10h 55m*	*6h 56m*				Mo, 8. Sep
Di, 9. Sep	MESZ	—:——:—	–	Mond stört		20:23	09:01	04:54	*43m*	05:38	*40m*	06:18	*35m*	06:54	*13h 01m*	19:56	*35m*	20:32	*39m*	21:11	*43m*	21:55	*10h 59m*	*7h 01m*				Di, 9. Sep
Mi, 10. Sep	MESZ	—:——:—	–	Mond stört		20:38	10:29	04:56	*43m*	05:40	*39m*	06:20	*35m*	06:55	*12h 58m*	19:54	*35m*	20:29	*39m*	21:09	*43m*	21:52	*11h 03m*	*7h 05m*				Mi, 10. Sep
Do, 11. Sep	MESZ	—:——:—	–	Mond stört		20:57	11:59	04:58	*43m*	05:42	*39m*	06:21	*35m*	06:57	*12h 54m*	19:51	*35m*	20:27	*39m*	21:06	*42m*	21:49	*11h 07m*	*7h 10m*				Do, 11. Sep
Fr, 12. Sep	MESZ	—:——:—	–	Mond stört		21:23	13:31	05:00	*43m*	05:43	*39m*	06:23	*35m*	06:59	*12h 50m*	19:49	*35m*	20:25	*39m*	21:04	*42m*	21:47	*11h 11m*	*7h 15m*				Fr, 12. Sep
Sa, 13. Sep	MESZ	21:44 – 22:00	*16m*	AN_+ *bis* $M_↗$		22:00	14:58	05:02	*42m*	05:45	*39m*	06:25	*35m*	07:00	*12h 46m*	19:47	*35m*	20:22	*39m*	21:02	*42m*	21:44	*11h 14m*	*7h 20m*				Sa, 13. Sep
So, 14. Sep	MESZ	21:41 – 22:53	*1h 12m*	AN_+ *bis* $M_↗$	◑	22:53	16:14	05:04	*42m*	05:47	*39m*	06:26	*35m*	07:02	*12h 42m*	19:45	*35m*	20:20	*39m*	20:59	*42m*	21:41	*11h 18m*	*7h 25m*				So, 14. Sep
Mo, 15. Sep	MESZ	21:39 – 00:03*	*2h 24m*	AN_+ *bis* $M_↗$		—:—	17:12	05:06	*42m*	05:49	*39m*	06:28	*35m*	07:03	*12h 39m*	19:42	*35m*	20:18	*38m*	20:57	*41m*	21:39	*11h 22m*	*7h 29m*				Mo, 15. Sep
Di, 16. Sep	MESZ	21:36 – 01:23*	*3h 46m*	AN_+ *bis* $M_↗$		00:03	17:52	05:08	*41m*	05:50	*39m*	06:29	*35m*	07:05	*12h 35m*	19:40	*35m*	20:15	*38m*	20:54	*41m*	21:36	*11h 26m*	*7h 34m*				Di, 16. Sep
Mi, 17. Sep	MESZ	21:33 – 02:45*	*5h 12m*	AN_+ *bis* $M_↗$		01:23	18:19	05:10	*41m*	05:52	*38m*	06:31	*35m*	07:06	*12h 31m*	19:38	*35m*	20:13	*38m*	20:52	*41m*	21:33	*11h 30m*	*7h 39m*				Mi, 17. Sep
Do, 18. Sep	MESZ	21:31 – 04:06*	*6h 35m*	AN_+ *bis* $M_↗$		02:45	18:38	05:12	*41m*	05:54	*38m*	06:33	*35m*	07:08	*12h 27m*	19:35	*35m*	20:11	*38m*	20:49	*41m*	21:31	*11h 34m*	*7h 43m*				Do, 18. Sep
Fr, 19. Sep	MESZ	21:28 – 05:16*	*7h 48m*	AN_+ *bis* AN_-		04:06	18:53	05:14	*41m*	05:56	*38m*	06:34	*35m*	07:09	*12h 23m*	19:33	*35m*	20:08	*38m*	20:47	*41m*	21:28	*11h 37m*	*7h 48m*				Fr, 19. Sep
Sa, 20. Sep	MESZ	21:25 – 05:18*	*7h 52m*	AN_+ *bis* AN_-		05:24	19:05	05:16	*41m*	05:57	*38m*	06:36	*35m*	07:11	*12h 19m*	19:31	*35m*	20:06	*38m*	20:44	*40m*	21:25	*11h 41m*	*7h 52m*				Sa, 20. Sep
So, 21. Sep	MESZ	21:23 – 05:20*	*7h 57m*	AN_+ *bis* AN_-	●	06:38	19:15	05:18	*40m*	05:59	*38m*	06:37	*35m*	07:13	*12h 16m*	19:29	*35m*	20:04	*38m*	20:42	*40m*	21:23	*11h 45m*	*7h 57m*				So, 21. Sep
Mo, 22. Sep	MESZ	21:20 – 05:22*	*8h 01m*	AN_+ *bis* AN_-		07:51	19:26	05:20	*40m*	06:01	*38m*	06:39	*35m*	07:14	*12h 12m*	19:26	*35m*	20:01	*38m*	20:40	*40m*	21:20	*11h 49m*	*8h 01m*				Mo, 22. Sep
Di, 23. Sep	MESZ	21:18 – 05:24*	*8h 06m*	AN_+ *bis* AN_-		09:03	19:37	05:22	*40m*	06:02	*38m*	06:41	*35m*	07:16	*12h 08m*	19:24	*34m*	19:59	*38m*	20:37	*40m*	21:18	*11h 53m*	*8h 06m*				Di, 23. Sep
Mi, 24. Sep	MESZ	21:15 – 05:26*	*8h 10m*	AN_+ *bis* AN_-		10:15	19:50	05:24	*40m*	06:04	*38m*	06:42	*35m*	07:17	*12h 04m*	19:22	*34m*	19:57	*38m*	20:35	*40m*	21:15	*11h 57m*	*8h 10m*				Mi, 24. Sep
Do, 25. Sep	MESZ	21:12 – 05:27*	*8h 14m*	AN_+ *bis* AN_-		11:28	20:05	05:26	*40m*	06:06	*38m*	06:44	*35m*	07:19	*12h 00m*	19:20	*34m*	19:55	*37m*	20:32	*40m*	21:12	*12h 00m*	*8h 14m*				Do, 25. Sep
Fr, 26. Sep	MESZ	21:10 – 05:29*	*8h 19m*	AN_+ *bis* AN_-		12:41	20:26	05:27	*40m*	06:07	*38m*	06:45	*35m*	07:21	*11h 56m*	19:17	*34m*	19:52	*37m*	20:30	*39m*	21:10	*12h 04m*	*8h 19m*				Fr, 26. Sep
Sa, 27. Sep	MESZ	21:08 – 05:31*	*8h 23m*	AN_+ *bis* AN_-		13:52	20:55	05:29	*39m*	06:09	*37m*	06:47	*35m*	07:22	*11h 52m*	19:15	*34m*	19:50	*37m*	20:28	*39m*	21:08	*12h 08m*	*8h 23m*				Sa, 27. Sep
So, 28. Sep	MESZ	21:35 – 05:33*	*7h 57m*	$M_↘$ *bis* AN_-		14:57	21:35	05:31	*39m*	06:11	*37m*	06:49	*35m*	07:24	*11h 49m*	19:13	*34m*	19:48	*37m*	20:25	*39m*	21:05	*12h 12m*	*8h 27m*				So, 28. Sep
Mo, 29. Sep	MESZ	22:29 – 05:35*	*7h 05m*	$M_↘$ *bis* AN_-		15:52	22:29	05:33	*39m*	06:12	*37m*	06:50	*34m*	07:25	*11h 45m*	19:11	*34m*	19:45	*37m*	20:23	*39m*	21:03	*12h 16m*	*8h 31m*				Mo, 29. Sep
Di, 30. Sep	MESZ	23:36 – 05:36*	*6h 00m*	$M_↘$ *bis* AN_-	◐	16:35	23:36	05:35	*39m*	06:14	*37m*	06:52	*34m*	07:27	*11h 41m*	19:08	*34m*	19:43	*37m*	20:21	*39m*	21:00	*12h 20m*	*8h 36m*				Di, 30. Sep
Mi, 1. Okt	MESZ	00:53* – 05:38*	*4h 45m*	$M_↘$ *bis* AN_-		17:06	—:—	05:36	*39m*	06:16	*37m*	06:53	*34m*	07:28	*11h 37m*	19:06	*34m*	19:41	*37m*	20:19	*39m*	20:58	*12h 24m*	*8h 40m*				Mi, 1. Okt
Do, 2. Okt	MESZ	02:14* – 05:40*	*3h 25m*	$M_↘$ *bis* AN_-		17:29	00:53	05:38	*39m*	06:17	*37m*	06:55	*35m*	07:30	*11h 33m*	19:04	*34m*	19:39	*37m*	20:16	*39m*	20:55	*12h 27m*	*8h 44m*				Do, 2. Okt
Fr, 3. Okt	MESZ	03:38* – 05:42*	*2h 03m*	$M_↘$ *bis* AN_-		17:47	02:14	05:40	*39m*	06:19	*37m*	06:57	*35m*	07:32	*11h 29m*	19:02	*34m*	19:37	*37m*	20:14	*39m*	20:53	*12h 31m*	*8h 48m*				Fr, 3. Okt
Sa, 4. Okt	MESZ	05:03* – 05:43*	*40m*	$M_↘$ *bis* AN_-		18:02	03:38	05:42	*39m*	06:21	*37m*	06:58	*35m*	07:33	*11h 26m*	18:59	*34m*	19:34	*37m*	20:12	*38m*	20:51	*12h 35m*	*8h 52m*				Sa, 4. Okt
So, 5. Okt	MESZ	—:——:—	–	Mond stört		18:15	05:03	05:43	*39m*	06:22	*37m*	07:00	*35m*	07:35	*11h 22m*	18:57	*34m*	19:32	*37m*	20:10	*38m*	20:48	*12h 39m*	*8h 56m*				So, 5. Okt
Mo, 6. Okt	MESZ	—:——:—	–	Mond stört		18:28	06:29	05:45	*38m*	06:24	*37m*	07:01	*35m*	07:37	*11h 18m*	18:55	*34m*	19:30	*37m*	20:07	*38m*	20:46	*12h 43m*	*9h 00m*				Mo, 6. Okt
Di, 7. Okt	MESZ	—:——:—	–	Mond stört	○	18:43	07:58	05:47	*38m*	06:26	*37m*	07:03	*35m*	07:38	*11h 14m*	18:53	*35m*	19:28	*37m*	20:05	*38m*	20:44	*12h 47m*	*9h 04m*				Di, 7. Okt
Mi, 8. Okt	MESZ	—:——:—	–	Mond stört		19:00	09:30	05:48	*38m*	06:27	*37m*	07:05	*35m*	07:40	*11h 10m*	18:51	*35m*	19:26	*37m*	20:03	*38m*	20:42	*12h 50m*	*9h 08m*				Mi, 8. Okt
Do, 9. Okt	MESZ	—:——:—	–	Mond stört		19:24	11:04	05:50	*38m*	06:29	*37m*	07:06	*35m*	07:41	*11h 06m*	18:48	*35m*	19:23	*37m*	20:01	*38m*	20:39	*12h 54m*	*9h 12m*				Do, 9. Okt
Fr, 10. Okt	MESZ	—:——:—	–	Mond stört		19:58	12:38	05:52	*38m*	06:30	*37m*	07:08	*35m*	07:43	*11h 03m*	18:46	*35m*	19:21	*37m*	19:59	*38m*	20:37	*12h 58m*	*9h 16m*				Fr, 10. Okt
Sa, 11. Okt	MESZ	20:35 – 20:47	*11m*	AN_+ *bis* $M_↗$		20:47	14:01	05:53	*38m*	06:32	*37m*	07:09	*35m*	07:45	*10h 59m*	18:44	*35m*	19:19	*37m*	19:57	*38m*	20:35	*13h 02m*	*9h 19m*				Sa, 11. Okt
So, 12. Okt	MESZ	20:33 – 21:52	*1h 19m*	AN_+ *bis* $M_↗$		21:52	15:07	05:55	*38m*	06:34	*37m*	07:11	*35m*	07:46	*10h 55m*	18:42	*35m*	19:17	*37m*	19:55	*38m*	20:33	*13h 06m*	*9h 23m*				So, 12. Okt
Mo, 13. Okt	MESZ	20:31 – 23:11	*2h 39m*	AN_+ *bis* $M_↗$	◑	23:11	15:53	05:57	*38m*	06:35	*37m*	07:13	*35m*	07:48	*10h 51m*	18:40	*35m*	19:15	*37m*	19:52	*38m*	20:31	*13h 09m*	*9h 27m*				Mo, 13. Okt
Di, 14. Okt	MESZ	20:29 – 00:34*	*4h 04m*	AN_+ *bis* $M_↗$		—:—	16:24	05:58	*38m*	06:37	*37m*	07:14	*35m*	07:50	*10h 47m*	18:38	*35m*	19:13	*37m*	19:50	*38m*	20:29	*13h 13m*	*9h 31m*				Di, 14. Okt
Mi, 15. Okt	MESZ	20:27 – 01:55*	*5h 28m*	AN_+ *bis* $M_↗$		00:34	16:45	06:00	*38m*	06:38	*37m*	07:16	*35m*	07:51	*10h 44m*	18:36	*35m*	19:11	*37m*	19:48	*38m*	20:27	*13h 17m*	*9h 34m*				Mi, 15. Okt
Do, 16. Okt	MESZ	20:25 – 03:13*	*6h 47m*	AN_+ *bis* $M_↗$		01:55	17:01	06:02	*38m*	06:40	*37m*	07:17	*35m*	07:53	*10h 40m*	18:33	*35m*	19:09	*37m*	19:46	*38m*	20:25	*13h 21m*	*9h 38m*				Do, 16. Okt
Fr, 17. Okt	MESZ	20:23 – 04:27*	*8h 04m*	AN_+ *bis* $M_↗$		03:13	17:13	06:03	*38m*	06:42	*37m*	07:19	*35m*	07:55	*10h 36m*	18:31	*35m*	19:07	*37m*	19:44	*38m*	20:23	*13h 24m*	*9h 42m*				Fr, 17. Okt
Sa, 18. Okt	MESZ	20:21 – 05:39*	*9h 18m*	AN_+ *bis* $M_↗$		04:27	17:24	06:05	*38m*	06:43	*37m*	07:21	*35m*	07:56	*10h 32m*	18:29	*35m*	19:05	*37m*	19:42	*38m*	20:21	*13h 28m*	*9h 45m*				Sa, 18. Okt
So, 19. Okt	MESZ	20:19 – 06:08*	*9h 49m*	AN_+ *bis* AN_-		05:39	17:35	06:06	*38m*	06:45	*37m*	07:22	*35m*	07:58	*10h 29m*	18:27	*35m*	19:03	*37m*	19:40	*38m*	20:19	*13h 32m*	*9h 49m*				So, 19. Okt
Mo, 20. Okt	MESZ	20:17 – 06:10*	*9h 52m*	AN_+ *bis* AN_-		06:50	17:45	06:08	*38m*	06:46	*37m*	07:24	*35m*	08:00	*10h 25m*	18:25	*35m*	19:01	*37m*	19:39	*38m*	20:17	*13h 36m*	*9h 52m*				Mo, 20. Okt
Di, 21. Okt	MESZ	20:15 – 06:11*	*9h 56m*	AN_+ *bis* AN_-	●	08:02	17:57	06:10	*38m*	06:48	*37m*	07:26	*35m*	08:01	*10h 21m*	18:23	*35m*	18:59	*37m*	19:37	*38m*	20:15	*13h 39m*	*9h 56m*				Di, 21. Okt
Mi, 22. Okt	MESZ	20:13 – 06:13*	*9h 59m*	AN_+ *bis* AN_-		09:14	18:12	06:11	*38m*	06:49	*37m*	07:27	*35m*	08:03	*10h 18m*	18:21	*35m*	18:57	*37m*	19:35	*38m*	20:13	*13h 43m*	*9h 59m*				Mi, 22. Okt
Do, 23. Okt	MESZ	20:11 – 06:14*	*10h 03m*	AN_+ *bis* AN_-		10:27	18:31	06:13	*38m*	06:51	*37m*	07:29	*36m*	08:05	*10h 14m*	18:19	*35m*	18:55	*37m*	19:33	*38m*	20:11	*13h 47m*	*10h 03m*				Do, 23. Okt
Fr, 24. Okt	MESZ	20:09 – 06:16*	*10h 06m*	AN_+ *bis* AN_-		11:39	18:57	06:14	*38m*	06:53	*37m*	07:30	*36m*	08:07	*10h 10m*	18:17	*36m*	18:53	*37m*	19:31	*38m*	20:09	*13h 50m*	*10h 06m*				Fr, 24. Okt
Sa, 25. Okt	MESZ	20:07 – 06:17*	*10h 10m*	AN_+ *bis* AN_-		12:46	19:33	06:16	*38m*	06:54	*37m*	07:32	*36m*	08:08	*10h 07m*	18:15	*36m*	18:52	*37m*	19:29	*38m*	20:07	*13h 54m*	*10h 10m*				Sa, 25. Okt
So, 26. Okt		19:22 – 05:19*	*9h 57m*	$M_↘$ *bis* AN_-		12:45	19:22	05:17	*38m*	05:56	*37m*	06:34	*36m*	07:10	*10h 03m*	17:13	*36m*	17:50	*37m*	18:28	*38m*	19:06	*13h 58m*	*10h 13m*				So, 26. Okt
Mo, 27. Okt		20:23 – 05:21*	*8h 57m*	$M_↘$ *bis* AN_-		13:31	20:23	05:19	*38m*	05:57	*37m*	06:35	*36m*	07:12	*9h 59m*	17:12	*36m*	17:48	*37m*	18:26	*38m*	19:04	*14h 01m*	*10h 16m*				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		Δt		Ph.	↑	↓	Astr.	Δt	Naut.	Δt	Bürg.	Δt	↑	Δt	↓	Δt	Bürg.	Δt	Naut.	Δt	Astr.	Δt	Δt		Δt		
Di, 28. Okt		21:35 – 05:22*	*7h 47m*	M↘ *bis* AN−		14:06	21:35	05:21	*38m*	05:59	*38m*	06:37	*36m*	07:13	*9h 56m*	17:10	*36m*	17:46	*37m*	18:24	*38m*	19:02	*14h 05m*	*10h 19m*				Di, 28. Okt
Mi, 29. Okt		22:52 – 05:24*	*6h 31m*	M↘ *bis* AN−	◐	14:31	22:52	05:22	*38m*	06:00	*38m*	06:38	*36m*	07:15	*9h 52m*	17:08	*36m*	17:44	*38m*	18:22	*38m*	19:01	*14h 09m*	*10h 23m*				Mi, 29. Okt
Do, 30. Okt		00:12* – 05:25*	*5h 13m*	M↘ *bis* AN−		14:51	—:—	05:24	*38m*	06:02	*38m*	06:40	*36m*	07:17	*9h 49m*	17:06	*36m*	17:43	*38m*	18:21	*38m*	18:59	*14h 12m*	*10h 26m*				Do, 30. Okt
Fr, 31. Okt		01:34* – 05:27*	*3h 53m*	M↘ *bis* AN−		15:06	00:12	05:25	*38m*	06:04	*38m*	06:42	*36m*	07:19	*9h 45m*	17:04	*36m*	17:41	*38m*	18:19	*38m*	18:57	*14h 16m*	*10h 29m*				Fr, 31. Okt
Sa, 1. Nov		02:56* – 05:28*	*2h 31m*	M↘ *bis* AN−		15:20	01:34	05:27	*38m*	06:05	*38m*	06:43	*36m*	07:20	*9h 42m*	17:02	*36m*	17:39	*38m*	18:18	*38m*	18:56	*14h 19m*	*10h 32m*				Sa, 1. Nov
So, 2. Nov		04:22* – 05:30*	*1h 07m*	M↘ *bis* AN−		15:32	02:56	05:28	*38m*	06:07	*38m*	06:45	*37m*	07:22	*9h 38m*	17:01	*37m*	17:38	*38m*	18:16	*38m*	18:54	*14h 23m*	*10h 35m*				So, 2. Nov
Mo, 3. Nov		—:— – —:—	–	Mond stört		15:46	04:22	05:30	*38m*	06:08	*38m*	06:47	*37m*	07:24	*9h 35m*	16:59	*37m*	17:36	*38m*	18:14	*38m*	18:53	*14h 26m*	*10h 38m*				Mo, 3. Nov
Di, 4. Nov		—:— – —:—	–	Mond stört		16:02	05:52	05:31	*38m*	06:10	*38m*	06:48	*37m*	07:25	*9h 31m*	16:57	*37m*	17:35	*38m*	18:13	*38m*	18:51	*14h 29m*	*10h 41m*				Di, 4. Nov
Mi, 5. Nov		—:— – —:—	–	Mond stört	○	16:23	07:26	05:33	*38m*	06:11	*38m*	06:50	*37m*	07:27	*9h 28m*	16:56	*37m*	17:33	*38m*	18:12	*38m*	18:50	*14h 33m*	*10h 44m*				Mi, 5. Nov
Do, 6. Nov		—:— – —:—	–	Mond stört		16:52	09:02	05:34	*38m*	06:13	*38m*	06:51	*37m*	07:29	*9h 24m*	16:54	*37m*	17:31	*38m*	18:10	*38m*	18:49	*14h 36m*	*10h 47m*				Do, 6. Nov
Fr, 7. Nov		—:— – —:—	–	Mond stört		17:35	10:34	05:36	*38m*	06:14	*38m*	06:53	*37m*	07:31	*9h 21m*	16:52	*37m*	17:30	*38m*	18:09	*38m*	18:47	*14h 40m*	*10h 49m*				Fr, 7. Nov
Sa, 8. Nov		—:— – —:—	–	Mond stört		18:36	11:51	05:37	*38m*	06:16	*38m*	06:55	*37m*	07:32	*9h 18m*	16:51	*37m*	17:29	*38m*	18:07	*38m*	18:46	*14h 43m*	*10h 52m*				Sa, 8. Nov
So, 9. Nov		18:45 – 19:53	*1h 08m*	AN+ *bis* M↗		19:53	12:47	05:39	*38m*	06:17	*38m*	06:56	*37m*	07:34	*9h 15m*	16:49	*37m*	17:27	*38m*	18:06	*38m*	18:45	*14h 46m*	*10h 55m*				So, 9. Nov
Mo, 10. Nov		18:43 – 21:18	*2h 34m*	AN+ *bis* M↗		21:18	13:25	05:40	*38m*	06:19	*39m*	06:58	*38m*	07:36	*9h 11m*	16:48	*38m*	17:26	*38m*	18:05	*38m*	18:43	*14h 49m*	*10h 58m*				Mo, 10. Nov
Di, 11. Nov		18:42 – 22:42	*3h 59m*	AN+ *bis* M↗		22:42	13:50	05:42	*38m*	06:20	*39m*	06:59	*38m*	07:38	*9h 08m*	16:46	*38m*	17:24	*39m*	18:03	*38m*	18:42	*14h 53m*	*11h 00m*				Di, 11. Nov
Mi, 12. Nov		18:41 – 00:02*	*5h 20m*	AN+ *bis* M↗	◑	—:—	14:07	05:43	*38m*	06:22	*39m*	07:01	*38m*	07:39	*9h 05m*	16:45	*38m*	17:23	*39m*	18:02	*38m*	18:41	*14h 56m*	*11h 03m*				Mi, 12. Nov
Do, 13. Nov		18:40 – 01:17*	*6h 37m*	AN+ *bis* M↗		00:02	14:21	05:44	*38m*	06:23	*39m*	07:02	*38m*	07:41	*9h 02m*	16:43	*38m*	17:22	*39m*	18:01	*38m*	18:40	*14h 59m*	*11h 05m*				Do, 13. Nov
Fr, 14. Nov		18:39 – 02:30*	*7h 51m*	AN+ *bis* M↗		01:17	14:33	05:46	*38m*	06:25	*39m*	07:04	*38m*	07:43	*8h 59m*	16:42	*38m*	17:21	*39m*	18:00	*38m*	18:39	*15h 02m*	*11h 08m*				Fr, 14. Nov
Sa, 15. Nov		18:38 – 03:41*	*9h 03m*	AN+ *bis* M↗		02:30	14:43	05:47	*38m*	06:26	*39m*	07:06	*38m*	07:44	*8h 56m*	16:41	*38m*	17:19	*39m*	17:59	*38m*	18:38	*15h 05m*	*11h 10m*				Sa, 15. Nov
So, 16. Nov		18:37 – 04:51*	*10h 14m*	AN+ *bis* M↗		03:41	14:54	05:49	*38m*	06:28	*39m*	07:07	*38m*	07:46	*8h 53m*	16:39	*38m*	17:18	*39m*	17:58	*38m*	18:37	*15h 08m*	*11h 13m*				So, 16. Nov
Mo, 17. Nov		18:36 – 05:51*	*11h 15m*	AN+ *bis* AN−		04:51	15:06	05:50	*39m*	06:29	*39m*	07:09	*39m*	07:48	*8h 50m*	16:38	*39m*	17:17	*39m*	17:57	*38m*	18:36	*15h 11m*	*11h 15m*				Mo, 17. Nov
Di, 18. Nov		18:35 – 05:53*	*11h 17m*	AN+ *bis* AN−		06:03	15:19	05:51	*39m*	06:30	*39m*	07:10	*39m*	07:49	*8h 47m*	16:37	*39m*	17:16	*39m*	17:56	*39m*	18:35	*15h 14m*	*11h 17m*				Di, 18. Nov
Mi, 19. Nov		18:34 – 05:54*	*11h 20m*	AN+ *bis* AN−		07:16	15:37	05:53	*39m*	06:32	*39m*	07:12	*39m*	07:51	*8h 44m*	16:36	*39m*	17:15	*39m*	17:55	*39m*	18:34	*15h 16m*	*11h 20m*				Mi, 19. Nov
Do, 20. Nov		18:33 – 05:55*	*11h 22m*	AN+ *bis* AN−	●	08:28	16:01	05:54	*39m*	06:33	*39m*	07:13	*39m*	07:53	*8h 41m*	16:35	*39m*	17:14	*39m*	17:54	*39m*	18:33	*15h 19m*	*11h 22m*				Do, 20. Nov
Fr, 21. Nov		18:32 – 05:57*	*11h 24m*	AN+ *bis* AN−		09:37	16:34	05:55	*39m*	06:35	*40m*	07:15	*39m*	07:54	*8h 39m*	16:33	*39m*	17:13	*39m*	17:53	*39m*	18:32	*15h 22m*	*11h 24m*				Fr, 21. Nov
Sa, 22. Nov		18:31 – 05:58*	*11h 26m*	AN+ *bis* AN−		10:38	17:18	05:57	*39m*	06:36	*40m*	07:16	*39m*	07:56	*8h 36m*	16:32	*39m*	17:12	*40m*	17:52	*39m*	18:31	*15h 24m*	*11h 26m*				Sa, 22. Nov
So, 23. Nov		18:31 – 05:59*	*11h 28m*	AN+ *bis* AN−		11:28	18:16	05:58	*39m*	06:37	*40m*	07:17	*39m*	07:57	*8h 34m*	16:31	*39m*	17:11	*40m*	17:51	*39m*	18:31	*15h 27m*	*11h 28m*				So, 23. Nov
Mo, 24. Nov		19:24 – 06:00*	*10h 36m*	M↘ *bis* AN−		12:06	19:24	05:59	*39m*	06:39	*40m*	07:19	*39m*	07:59	*8h 31m*	16:30	*39m*	17:10	*40m*	17:51	*39m*	18:30	*15h 29m*	*11h 30m*				Mo, 24. Nov
Di, 25. Nov		20:39 – 06:02*	*9h 22m*	M↘ *bis* AN−		12:34	20:39	06:00	*39m*	06:40	*40m*	07:20	*40m*	08:00	*8h 29m*	16:30	*40m*	17:10	*40m*	17:50	*39m*	18:29	*15h 32m*	*11h 32m*				Di, 25. Nov
Mi, 26. Nov		21:56 – 06:03*	*8h 06m*	M↘ *bis* AN−		12:55	21:56	06:02	*39m*	06:41	*40m*	07:22	*40m*	08:02	*8h 26m*	16:29	*40m*	17:09	*40m*	17:49	*39m*	18:29	*15h 34m*	*11h 34m*				Mi, 26. Nov
Do, 27. Nov		23:14 – 06:04*	*6h 49m*	M↘ *bis* AN−		13:11	23:14	06:03	*39m*	06:42	*40m*	07:23	*40m*	08:03	*8h 24m*	16:28	*40m*	17:08	*40m*	17:49	*39m*	18:28	*15h 37m*	*11h 35m*				Do, 27. Nov
Fr, 28. Nov		00:33* – 06:05*	*5h 31m*	M↘ *bis* AN−	◐	13:25	—:—	06:04	*39m*	06:44	*40m*	07:24	*40m*	08:05	*8h 22m*	16:27	*40m*	17:08	*40m*	17:48	*39m*	18:28	*15h 39m*	*11h 37m*				Fr, 28. Nov
Sa, 29. Nov		01:54* – 06:06*	*4h 12m*	M↘ *bis* AN−		13:37	00:33	06:05	*39m*	06:45	*40m*	07:26	*40m*	08:06	*8h 20m*	16:26	*40m*	17:07	*40m*	17:48	*39m*	18:27	*15h 41m*	*11h 39m*				Sa, 29. Nov
So, 30. Nov		03:18* – 06:08*	*2h 49m*	M↘ *bis* AN−		13:50	01:54	06:06	*39m*	06:46	*40m*	07:27	*40m*	08:08	*8h 17m*	16:26	*40m*	17:06	*40m*	17:47	*39m*	18:27	*15h 43m*	*11h 40m*				So, 30. Nov
Mo, 1. Dez		04:47* – 06:09*	*1h 21m*	M↘ *bis* AN−		14:04	03:18	06:08	*39m*	06:47	*40m*	07:28	*40m*	08:09	*8h 15m*	16:25	*40m*	17:06	*40m*	17:47	*39m*	18:26	*15h 45m*	*11h 42m*				Mo, 1. Dez
Di, 2. Dez		—:— – —:—	–	Mond stört		14:22	04:47	06:09	*39m*	06:49	*40m*	07:29	*40m*	08:10	*8h 14m*	16:24	*40m*	17:05	*40m*	17:46	*39m*	18:26	*15h 47m*	*11h 43m*				Di, 2. Dez
Mi, 3. Dez		—:— – —:—	–	Mond stört		14:46	06:21	06:10	*39m*	06:50	*41m*	07:31	*41m*	08:12	*8h 12m*	16:24	*41m*	17:05	*41m*	17:46	*39m*	18:26	*15h 49m*	*11h 45m*				Mi, 3. Dez
Do, 4. Dez		—:— – —:—	–	Mond stört		15:22	07:56	06:11	*39m*	06:51	*41m*	07:32	*41m*	08:13	*8h 10m*	16:23	*41m*	17:05	*41m*	17:46	*39m*	18:26	*15h 50m*	*11h 46m*				Do, 4. Dez
Fr, 5. Dez		—:— – —:—	–	Mond stört	○	16:14	09:23	06:12	*39m*	06:52	*41m*	07:33	*41m*	08:14	*8h 08m*	16:23	*41m*	17:04	*41m*	17:45	*39m*	18:25	*15h 52m*	*11h 47m*				Fr, 5. Dez
Sa, 6. Dez		—:— – —:—	–	Mond stört		17:26	10:31	06:13	*39m*	06:53	*41m*	07:34	*41m*	08:15	*8h 07m*	16:23	*41m*	17:04	*41m*	17:45	*39m*	18:25	*15h 53m*	*11h 48m*				Sa, 6. Dez
So, 7. Dez		18:25 – 18:51	*26m*	AN+ *bis* M↗		18:51	11:19	06:14	*40m*	06:54	*41m*	07:35	*41m*	08:17	*8h 05m*	16:22	*41m*	17:04	*41m*	17:45	*40m*	18:25	*15h 55m*	*11h 49m*				So, 7. Dez
Mo, 8. Dez		18:25 – 20:19	*1h 54m*	AN+ *bis* M↗		20:19	11:50	06:15	*40m*	06:55	*41m*	07:36	*41m*	08:18	*8h 04m*	16:22	*41m*	17:04	*41m*	17:45	*40m*	18:25	*15h 56m*	*11h 50m*				Mo, 8. Dez
Di, 9. Dez		18:25 – 21:44	*3h 18m*	AN+ *bis* M↗		21:44	12:11	06:16	*40m*	06:56	*41m*	07:37	*41m*	08:19	*8h 03m*	16:22	*41m*	17:04	*41m*	17:45	*40m*	18:25	*15h 57m*	*11h 51m*				Di, 9. Dez
Mi, 10. Dez		18:25 – 23:03	*4h 38m*	AN+ *bis* M↗		23:03	12:27	06:17	*40m*	06:57	*41m*	07:38	*41m*	08:20	*8h 01m*	16:22	*41m*	17:04	*41m*	17:45	*40m*	18:25	*15h 59m*	*11h 52m*				Mi, 10. Dez
Do, 11. Dez		18:25 – 00:18*	*5h 53m*	AN+ *bis* M↗	◑	—:—	12:39	06:18	*40m*	06:58	*41m*	07:39	*41m*	08:21	*8h 00m*	16:22	*41m*	17:03	*41m*	17:45	*40m*	18:25	*16h 00m*	*11h 53m*				Do, 11. Dez
Fr, 12. Dez		18:25 – 01:30*	*7h 05m*	AN+ *bis* M↗		00:18	12:50	06:18	*40m*	06:59	*41m*	07:40	*41m*	08:22	*7h 59m*	16:22	*41m*	17:04	*41m*	17:45	*40m*	18:25	*16h 01m*	*11h 53m*				Fr, 12. Dez
Sa, 13. Dez		18:25 – 02:41*	*8h 15m*	AN+ *bis* M↗		01:30	13:01	06:19	*40m*	06:59	*41m*	07:41	*41m*	08:23	*7h 58m*	16:22	*41m*	17:04	*41m*	17:45	*40m*	18:25	*16h 02m*	*11h 54m*				Sa, 13. Dez
So, 14. Dez		18:26 – 03:53*	*9h 26m*	AN+ *bis* M↗		02:41	13:13	06:20	*40m*	07:00	*41m*	07:42	*41m*	08:24	*7h 58m*	16:22	*41m*	17:04	*41m*	17:45	*40m*	18:26	*16h 02m*	*11h 55m*				So, 14. Dez
Mo, 15. Dez		18:26 – 05:05*	*10h 38m*	AN+ *bis* M↗		03:53	13:26	06:21	*40m*	07:01	*41m*	07:43	*41m*	08:25	*7h 57m*	16:22	*41m*	17:04	*41m*	17:46	*40m*	18:26	*16h 03m*	*11h 55m*				Mo, 15. Dez
Di, 16. Dez		18:26 – 06:17*	*11h 50m*	AN+ *bis* M↗		05:05	13:42	06:21	*40m*	07:02	*41m*	07:43	*42m*	08:25	*7h 56m*	16:22	*42m*	17:04	*41m*	17:46	*40m*	18:26	*16h 03m*	*11h 56m*				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		Δt		Ph.	↗	↘	Astr.	Δt	Naut.	Δt	Bürg.	Δt	↗	Δt	↘	Δt	Bürg.	Δt	Naut.	Δt	Astr.	Δt	Δt		Δt		
Mi, 17. Dez		18:26 – 06:23*	*11h 56m*	AN$_+$ *bis* AN$_-$		06:17	14:04	06:22	*40m*	07:02	*41m*	07:44	*42m*	08:26	*7h 56m*	16:22	*42m*	17:04	*41m*	17:46	*40m*	18:26	*16h 04m*	*11h 56m*				Mi, 17. Dez
Do, 18. Dez		18:27 – 06:23*	*11h 56m*	AN$_+$ *bis* AN$_-$		07:27	14:34	06:23	*40m*	07:03	*41m*	07:45	*42m*	08:27	*7h 55m*	16:23	*42m*	17:05	*41m*	17:46	*40m*	18:27	*16h 04m*	*11h 56m*				Do, 18. Dez
Fr, 19. Dez		18:27 – 06:24*	*11h 56m*	AN$_+$ *bis* AN$_-$		08:32	15:15	06:23	*40m*	07:04	*41m*	07:45	*42m*	08:27	*7h 55m*	16:23	*42m*	17:05	*41m*	17:47	*40m*	18:27	*16h 04m*	*11h 56m*				Fr, 19. Dez
Sa, 20. Dez		18:28 – 06:24*	*11h 56m*	AN$_+$ *bis* AN$_-$	●	09:25	16:09	06:24	*40m*	07:04	*41m*	07:46	*42m*	08:28	*7h 55m*	16:24	*42m*	17:06	*41m*	17:47	*40m*	18:28	*16h 05m*	*11h 56m*				Sa, 20. Dez
So, 21. Dez		18:28 – 06:25*	*11h 56m*	AN$_+$ *bis* AN$_-$		10:07	17:16	06:24	*40m*	07:05	*41m*	07:47	*42m*	08:29	*7h 55m*	16:24	*42m*	17:06	*41m*	17:48	*40m*	18:28	*16h 05m*	*11h 56m*				So, 21. Dez
Mo, 22. Dez		18:29 – 06:25*	*11h 56m*	M$_↘$ *bis* AN$_-$		10:38	18:29	06:25	*40m*	07:05	*41m*	07:47	*42m*	08:29	*7h 55m*	16:25	*42m*	17:07	*41m*	17:48	*40m*	18:29	*16h 05m*	*11h 56m*				Mo, 22. Dez
Di, 23. Dez		19:46 – 06:26*	*10h 39m*	M$_↘$ *bis* AN$_-$		11:00	19:46	06:25	*40m*	07:06	*41m*	07:47	*42m*	08:30	*7h 55m*	16:25	*42m*	17:07	*41m*	17:49	*40m*	18:29	*16h 04m*	*11h 56m*				Di, 23. Dez
Mi, 24. Dez		21:04 – 06:26*	*9h 22m*	M$_↘$ *bis* AN$_-$		11:17	21:04	06:26	*40m*	07:06	*41m*	07:48	*42m*	08:30	*7h 55m*	16:26	*42m*	17:08	*41m*	17:49	*40m*	18:30	*16h 04m*	*11h 56m*				Mi, 24. Dez
Do, 25. Dez		22:21 – 06:27*	*8h 05m*	M$_↘$ *bis* AN$_-$		11:31	22:21	06:26	*40m*	07:07	*41m*	07:48	*42m*	08:30	*7h 56m*	16:26	*42m*	17:08	*41m*	17:50	*40m*	18:30	*16h 04m*	*11h 56m*				Do, 25. Dez
Fr, 26. Dez		23:39 – 06:27*	*6h 47m*	M$_↘$ *bis* AN$_-$		11:44	23:39	06:27	*40m*	07:07	*41m*	07:48	*42m*	08:31	*7h 56m*	16:27	*42m*	17:09	*41m*	17:51	*40m*	18:31	*16h 03m*	*11h 55m*				Fr, 26. Dez
Sa, 27. Dez		00:59* – 06:27*	*5h 28m*	M$_↘$ *bis* AN$_-$	◐	11:56	—:—	06:27	*40m*	07:07	*41m*	07:49	*41m*	08:31	*7h 57m*	16:28	*41m*	17:10	*41m*	17:52	*40m*	18:32	*16h 02m*	*11h 55m*				Sa, 27. Dez
So, 28. Dez		02:22* – 06:27*	*4h 05m*	M$_↘$ *bis* AN$_-$		12:09	00:59	06:27	*40m*	07:07	*41m*	07:49	*41m*	08:31	*7h 57m*	16:29	*41m*	17:11	*41m*	17:52	*40m*	18:33	*16h 02m*	*11h 54m*				So, 28. Dez
Mo, 29. Dez		03:50* – 06:28*	*2h 37m*	M$_↘$ *bis* AN$_-$		12:24	02:22	06:27	*40m*	07:08	*41m*	07:49	*41m*	08:31	*7h 58m*	16:30	*41m*	17:12	*41m*	17:53	*40m*	18:33	*16h 01m*	*11h 54m*				Mo, 29. Dez
Di, 30. Dez		05:22* – 06:28*	*1h 05m*	M$_↘$ *bis* AN$_-$		12:44	03:50	06:28	*40m*	07:08	*41m*	07:49	*41m*	08:31	*7h 59m*	16:31	*41m*	17:12	*41m*	17:54	*40m*	18:34	*16h 00m*	*11h 53m*				Di, 30. Dez
Mi, 31. Dez		—:— – —:—	–	Mond stört		13:13	05:22	06:28	*40m*	07:08	*41m*	07:49	*41m*	08:31	*8h 00m*	16:32	*41m*	17:13	*41m*	17:55	*40m*	18:35	*15h 59m*	*11h 52m*				Mi, 31. Dez
Do, 1. Jan		—:— – —:—	–	Mond stört		13:55	06:52	06:28	*40m*	07:08	*41m*	07:49	*41m*	08:31	*8h 01m*	16:33	*41m*	17:14	*41m*	17:56	*40m*	18:36	*15h 58m*	*11h 51m*				Do, 1. Jan
Fr, 2. Jan		—:— – —:—	–	Mond stört		14:56	08:09	06:28	*40m*	07:08	*41m*	07:49	*41m*	08:31	*8h 02m*	16:34	*41m*	17:15	*41m*	17:57	*40m*	18:37	*15h 57m*	*11h 50m*				Fr, 2. Jan
Sa, 3. Jan		—:— – —:—	–	Mond stört	○	16:16	09:06	06:28	*40m*	07:08	*41m*	07:49	*41m*	08:31	*8h 04m*	16:35	*41m*	17:16	*41m*	17:58	*40m*	18:38	*15h 55m*	*11h 50m*				Sa, 3. Jan
So, 4. Jan		—:— – —:—	–	Mond stört		17:46	09:45	06:28	*40m*	07:08	*41m*	07:49	*41m*	08:30	*8h 05m*	16:36	*41m*	17:17	*41m*	17:59	*40m*	18:39	*15h 54m*	*11h 48m*				So, 4. Jan
Mo, 5. Jan		18:40 – 19:15	*35m*	AN$_+$ *bis* M$_↗$		19:15	10:12	06:28	*39m*	07:08	*41m*	07:49	*41m*	08:30	*8h 06m*	16:37	*41m*	17:18	*41m*	18:00	*39m*	18:40	*15h 52m*	*11h 47m*				Mo, 5. Jan
Di, 6. Jan		18:41 – 20:39	*1h 58m*	AN$_+$ *bis* M$_↗$		20:39	10:30	06:28	*39m*	07:07	*41m*	07:49	*41m*	08:30	*8h 08m*	16:38	*41m*	17:20	*41m*	18:01	*39m*	18:41	*15h 51m*	*11h 46m*				Di, 6. Jan
Mi, 7. Jan		18:42 – 21:59	*3h 16m*	AN$_+$ *bis* M$_↗$		21:59	10:44	06:27	*39m*	07:07	*41m*	07:48	*41m*	08:29	*8h 10m*	16:40	*41m*	17:21	*41m*	18:02	*39m*	18:42	*15h 49m*	*11h 45m*				Mi, 7. Jan
Do, 8. Jan		18:43 – 23:14	*4h 31m*	AN$_+$ *bis* M$_↗$		23:14	10:56	06:27	*39m*	07:07	*41m*	07:48	*41m*	08:29	*8h 11m*	16:41	*41m*	17:22	*41m*	18:03	*39m*	18:43	*15h 47m*	*11h 44m*				Do, 8. Jan
Fr, 9. Jan		18:44 – 00:27*	*5h 43m*	AN$_+$ *bis* M$_↗$		—:—	11:08	06:27	*39m*	07:07	*40m*	07:48	*40m*	08:29	*8h 13m*	16:42	*40m*	17:23	*40m*	18:04	*39m*	18:44	*15h 45m*	*11h 42m*				Fr, 9. Jan
Sa, 10. Jan		18:45 – 01:39*	*6h 54m*	AN$_+$ *bis* M$_↗$	◑	00:27	11:19	06:27	*39m*	07:06	*40m*	07:47	*40m*	08:28	*8h 15m*	16:44	*40m*	17:24	*40m*	18:05	*39m*	18:45	*15h 43m*	*11h 41m*				Sa, 10. Jan
So, 11. Jan		18:46 – 02:52*	*8h 05m*	AN$_+$ *bis* M$_↗$		01:39	11:32	06:26	*39m*	07:06	*40m*	07:47	*40m*	08:27	*8h 17m*	16:45	*40m*	17:26	*40m*	18:07	*39m*	18:46	*15h 41m*	*11h 39m*				So, 11. Jan
Mo, 12. Jan		18:47 – 04:04*	*9h 16m*	AN$_+$ *bis* M$_↗$		02:52	11:47	06:26	*39m*	07:05	*40m*	07:46	*40m*	08:27	*8h 19m*	16:46	*40m*	17:27	*40m*	18:08	*39m*	18:47	*15h 39m*	*11h 37m*				Mo, 12. Jan
Di, 13. Jan		18:49 – 05:16*	*10h 27m*	AN$_+$ *bis* M$_↗$		04:04	12:07	06:25	*39m*	07:05	*40m*	07:46	*40m*	08:26	*8h 21m*	16:48	*40m*	17:28	*40m*	18:09	*39m*	18:49	*15h 37m*	*11h 36m*				Di, 13. Jan
Mi, 14. Jan		18:50 – 06:22*	*11h 32m*	AN$_+$ *bis* M$_↗$		05:16	12:33	06:25	*39m*	07:04	*40m*	07:45	*40m*	08:25	*8h 23m*	16:49	*40m*	17:30	*40m*	18:10	*39m*	18:50	*15h 35m*	*11h 34m*				Mi, 14. Jan
Do, 15. Jan		18:51 – 06:24*	*11h 32m*	AN$_+$ *bis* AN$_-$		06:22	13:10	06:24	*39m*	07:04	*40m*	07:44	*40m*	08:25	*8h 26m*	16:51	*40m*	17:31	*40m*	18:12	*39m*	18:51	*15h 32m*	*11h 32m*				Do, 15. Jan
Fr, 16. Jan		18:52 – 06:23*	*11h 30m*	AN$_+$ *bis* AN$_-$		07:20	14:00	06:24	*39m*	07:03	*40m*	07:44	*40m*	08:24	*8h 28m*	16:52	*40m*	17:33	*40m*	18:13	*39m*	18:52	*15h 30m*	*11h 30m*				Fr, 16. Jan
Sa, 17. Jan		18:54 – 06:23*	*11h 28m*	AN$_+$ *bis* AN$_-$		08:06	15:03	06:23	*39m*	07:03	*40m*	07:43	*39m*	08:23	*8h 31m*	16:54	*39m*	17:34	*40m*	18:14	*39m*	18:54	*15h 27m*	*11h 28m*				Sa, 17. Jan
So, 18. Jan		18:55 – 06:22*	*11h 26m*	AN$_+$ *bis* AN$_-$	●	08:40	16:16	06:23	*39m*	07:02	*40m*	07:42	*39m*	08:22	*8h 33m*	16:56	*39m*	17:35	*40m*	18:16	*39m*	18:55	*15h 25m*	*11h 26m*				So, 18. Jan
Mo, 19. Jan		18:56 – 06:21*	*11h 24m*	AN$_+$ *bis* AN$_-$		09:05	17:33	06:22	*39m*	07:01	*40m*	07:41	*39m*	08:21	*8h 36m*	16:57	*39m*	17:37	*40m*	18:17	*39m*	18:56	*15h 22m*	*11h 24m*				Mo, 19. Jan
Di, 20. Jan		18:58 – 06:20*	*11h 22m*	AN$_+$ *bis* AN$_-$		09:24	18:52	06:21	*39m*	07:00	*40m*	07:40	*39m*	08:20	*8h 38m*	16:59	*39m*	17:38	*40m*	18:18	*39m*	18:58	*15h 20m*	*11h 22m*				Di, 20. Jan
Mi, 21. Jan		20:11 – 06:20*	*10h 09m*	M$_↘$ *bis* AN$_-$		09:39	20:11	06:20	*39m*	07:00	*39m*	07:39	*39m*	08:19	*8h 41m*	17:00	*39m*	17:40	*39m*	18:20	*39m*	18:59	*15h 17m*	*11h 20m*				Mi, 21. Jan
Do, 22. Jan		21:29 – 06:19*	*8h 49m*	M$_↘$ *bis* AN$_-$		09:52	21:29	06:20	*39m*	06:59	*39m*	07:38	*39m*	08:18	*8h 44m*	17:02	*39m*	17:41	*39m*	18:21	*39m*	19:00	*15h 14m*	*11h 18m*				Do, 22. Jan
Fr, 23. Jan		22:48 – 06:18*	*7h 30m*	M$_↘$ *bis* AN$_-$		10:04	22:48	06:19	*39m*	06:58	*39m*	07:37	*39m*	08:17	*8h 47m*	17:04	*39m*	17:43	*39m*	18:23	*39m*	19:02	*15h 11m*	*11h 16m*				Fr, 23. Jan
Sa, 24. Jan		00:09* – 06:17*	*6h 07m*	M$_↘$ *bis* AN$_-$		10:16	—:—	06:18	*38m*	06:57	*39m*	07:36	*39m*	08:15	*8h 50m*	17:05	*39m*	17:45	*39m*	18:24	*39m*	19:03	*15h 08m*	*11h 13m*				Sa, 24. Jan
So, 25. Jan		01:34* – 06:16*	*4h 42m*	M$_↘$ *bis* AN$_-$		10:30	00:09	06:17	*38m*	06:56	*39m*	07:35	*38m*	08:14	*8h 52m*	17:07	*38m*	17:46	*39m*	18:26	*38m*	19:05	*15h 05m*	*11h 11m*				So, 25. Jan
Mo, 26. Jan		03:02* – 06:15*	*3h 13m*	M$_↘$ *bis* AN$_-$	◐	10:47	01:34	06:16	*38m*	06:55	*39m*	07:34	*38m*	08:13	*8h 55m*	17:09	*38m*	17:48	*39m*	18:27	*38m*	19:06	*15h 02m*	*11h 08m*				Mo, 26. Jan
Di, 27. Jan		04:30* – 06:14*	*1h 44m*	M$_↘$ *bis* AN$_-$		11:11	03:02	06:15	*38m*	06:54	*39m*	07:33	*38m*	08:12	*8h 59m*	17:11	*38m*	17:49	*39m*	18:29	*38m*	19:08	*14h 59m*	*11h 06m*				Di, 27. Jan
Mi, 28. Jan		05:50* – 06:13*	*22m*	M$_↘$ *bis* AN$_-$		11:46	04:30	06:14	*38m*	06:53	*39m*	07:32	*38m*	08:10	*9h 02m*	17:12	*38m*	17:51	*39m*	18:30	*38m*	19:09	*14h 56m*	*11h 03m*				Mi, 28. Jan
Do, 29. Jan		—:— – —:—	–	Mond stört		12:37	05:50	06:13	*38m*	06:51	*39m*	07:31	*38m*	08:09	*9h 05m*	17:14	*38m*	17:52	*39m*	18:32	*38m*	19:10	*14h 53m*	*11h 01m*				Do, 29. Jan
Fr, 30. Jan		—:— – —:—	–	Mond stört		13:47	06:54	06:12	*38m*	06:50	*39m*	07:29	*38m*	08:07	*9h 08m*	17:16	*38m*	17:54	*39m*	18:33	*38m*	19:12	*14h 50m*	*10h 58m*				Fr, 30. Jan
Sa, 31. Jan		—:— – —:—	–	Mond stört		15:12	07:40	06:10	*38m*	06:49	*38m*	07:28	*38m*	08:06	*9h 11m*	17:18	*38m*	17:56	*39m*	18:35	*38m*	19:13	*14h 46m*	*10h 55m*				Sa, 31. Jan
So, 1. Feb		—:— – —:—	–	Mond stört	○	16:41	08:11	06:09	*38m*	06:48	*38m*	07:27	*37m*	08:05	*9h 14m*	17:19	*37m*	17:57	*38m*	18:36	*38m*	19:15	*14h 43m*	*10h 52m*				So, 1. Feb
Mo, 2. Feb		—:— – —:—	–	Mond stört		18:09	08:33	06:08	*38m*	06:46	*38m*	07:25	*37m*	08:03	*9h 18m*	17:21	*37m*	17:59	*38m*	18:38	*38m*	19:16	*14h 40m*	*10h 50m*				Mo, 2. Feb
Di, 3. Feb		19:18 – 19:32	*13m*	AN$_+$ *bis* M$_↗$		19:32	08:49	06:07	*38m*	06:45	*38m*	07:24	*37m*	08:01	*9h 21m*	17:23	*37m*	18:01	*38m*	18:39	*38m*	19:18	*14h 36m*	*10h 47m*				Di, 3. Feb
Mi, 4. Feb		19:20 – 20:51	*1h 31m*	AN$_+$ *bis* M$_↗$		20:51	09:02	06:05	*38m*	06:44	*38m*	07:22	*37m*	08:00	*9h 24m*	17:25	*37m*	18:02	*38m*	18:41	*38m*	19:20	*14h 33m*	*10h 44m*				Mi, 4. Feb