

Mond- und Dämmerungstabelle 2025

für die visuelle Deep-Sky-Beobachtung

Chur 46.8483° N 9.5322° E

Berechnung: pyEphem
Textsatz: L^AT_EX

Atmosphären-Einstellungen in pyEphem

Standort.pressure = 1010.0
Standort.horizon = '0:00:00.0'

Alle Zeitangaben beziehen sich auf den in der jeweiligen Zeile angegebenen Kalendertag. Liegt ein Ereignis bereits nach Mitternacht, also schon am Folgetag, ist die Zeitangabe mit einem * gekennzeichnet, z.B.: 00:20*.

Spalte 1 Kalendertag.

Spalte 2 Bei »MESZ« sind alle Zeitangaben in dieser Zeile in Mitteleuropäischer Sommerzeit, ansonsten standardmäßig in MEZ.

Spalte 3 Die für Deep-Sky-Beobachtungen nutzbare Zeitspanne: Es ist astronomisch dunkel (Sonne steht tiefer als -18°) und kein Mond stört.

Spalte 4 Dauer der für Deep-Sky-Beobachtungen nutzbaren Zeitspanne.

Spalte 5 Ereignisse, die die für Deep-Sky-Beobachtungen nutzbare Zeitspanne begrenzen: AN₊ (Einbruch der astronomischen Nacht = Ende der astr. Abenddämmerung), M_v (Monduntergang), AN₋ (Ende der astronomischen Nacht = Beginn der astr. Morgendämmerung), M₇

(Mondaufgang), Astr. MD (Astronomische Mitternachtsdämmerung), Naut. MD (Nautische Mitternachtsdämmerung).

Spalte 6 Mondphase.

Spalte 7 Mondaufgang.

Spalte 8 Monduntergang.

Spalte 9 Beginn der astr. Morgendämmerung (Sonnenhöhe = -18°).

Spalte 10 Dauer der astr. Morgendämmerung.

Spalte 11 Beginn der naut. Morgendämmerung (Sonnenhöhe = -12°).

Spalte 12 Dauer der naut. Morgendämmerung.

Spalte 13 Beginn der bürg. Morgendämmerung (Sonnenhöhe = -6°).

Spalte 14 Dauer der bürg. Morgendämmerung.

Spalte 15 Sonnenaufgang.

Spalte 16 Taglänge.

Spalte 17 Sonnenuntergang.

Spalte 18 Dauer der bürg. Abenddämmerung.

Spalte 19 Ende der bürg. Abenddämmerung (Sonnenhöhe = -6°).

Spalte 20 Dauer der naut. Abenddämmerung.

Spalte 21 Ende der naut. Abenddämmerung (Sonnenhöhe = -12°).

Spalte 22 Dauer der astr. Abenddämmerung.

Spalte 23 Ende der astr. Abenddämmerung (Sonnenhöhe = -18°).

Spalte 24 Länge der Nacht.

Spalte 25 Länge der astr. Nacht.

Für Beobachter, die zu Zeiten der Mitternachtsdämmerung während der astr. Dämmerung beobachten möchten:

Spalte 26 Nutzbare Zeitspanne: Es ist »nautisch dunkel« (Sonne steht tiefer als -12°) und kein Mond stört.

Spalte 27 Dauer der in Spalte 26 angegebenen Zeitspanne.

Spalte 28 Ereignisse, die die nutzbare Zeitspanne begrenzen: ND₊ (Beginn der »naut. Dunkelheit« = Ende der naut. Abenddämmerung), M_v (Monduntergang), ND₋ (Ende der »naut. Dunkelheit« = Beginn der naut. Morgendämmerung), M₇ (Mondaufgang), Naut. MD (Nautische Mitternachtsdämmerung).

Spalte 29 Identisch zu Spalte 1.

Table with 29 columns (1-29) and multiple rows (1-60). Columns include dates and times for moon phases, astronomical twilight, nautical twilight, and sunrise/sunset. Rows are labeled with days of the week and months from Feb to 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.	\nearrow	\searrow	Astr.	Δt	Naut.	Δt	Bürg.	Δt	\nearrow	Δt	\searrow	Δt	Bürg.	Δt	Naut.	Δt	Astr.	Δt	Δt		Δt		
So, 20. Jul	MESZ	23:38–01:38*	2h 00m	AN ₊ bis M ₇		01:01	17:29	03:16	1h 03m	04:19	48m	05:07	39m	05:47	15h 20m	21:08	39m	21:47	47m	22:35	1h 02m	23:38	8h 40m	3h 39m				So, 20. Jul
Mo, 21. Jul	MESZ	23:36–02:29*	2h 53m	AN ₊ bis M ₇		01:38	18:47	03:18	1h 02m	04:21	47m	05:09	39m	05:48	15h 18m	21:07	39m	21:46	47m	22:34	1h 01m	23:36	8h 42m	3h 44m				Mo, 21. Jul
Di, 22. Jul	MESZ	23:33–03:23*	3h 49m	AN ₊ bis AN ₋		02:29	19:53	03:20	1h 01m	04:22	47m	05:10	39m	05:49	15h 16m	21:06	39m	21:45	47m	22:32	1h 01m	23:33	8h 44m	3h 49m				Di, 22. Jul
Mi, 23. Jul	MESZ	23:31–03:25*	3h 54m	AN ₊ bis AN ₋		03:35	20:44	03:23	1h 01m	04:24	47m	05:11	39m	05:50	15h 14m	21:05	39m	21:44	47m	22:31	1h 00m	23:31	8h 46m	3h 54m				Mi, 23. Jul
Do, 24. Jul	MESZ	23:29–03:28*	3h 58m	AN ₊ bis AN ₋	●	04:51	21:21	03:25	1h 00m	04:25	47m	05:12	39m	05:52	15h 12m	21:04	38m	21:42	46m	22:29	59m	23:29	8h 49m	3h 58m				Do, 24. Jul
Fr, 25. Jul	MESZ	23:26–03:30*	4h 03m	AN ₊ bis AN ₋		06:11	21:48	03:28	59m	04:27	46m	05:14	38m	05:53	15h 09m	21:02	38m	21:41	46m	22:28	58m	23:26	8h 51m	4h 03m				Fr, 25. Jul
Sa, 26. Jul	MESZ	23:24–03:32*	4h 08m	AN ₊ bis AN ₋		07:30	22:09	03:30	58m	04:29	46m	05:15	38m	05:54	15h 07m	21:01	38m	21:40	46m	22:26	57m	23:24	8h 53m	4h 08m				Sa, 26. Jul
So, 27. Jul	MESZ	23:21–03:35*	4h 13m	AN ₊ bis AN ₋		08:45	22:26	03:32	57m	04:30	46m	05:16	38m	05:55	15h 05m	21:00	38m	21:38	45m	22:24	57m	23:21	8h 56m	4h 13m				So, 27. Jul
Mo, 28. Jul	MESZ	23:19–03:37*	4h 18m	AN ₊ bis AN ₋		09:56	22:42	03:35	57m	04:32	45m	05:18	38m	05:56	15h 02m	20:59	38m	21:37	45m	22:23	56m	23:19	8h 58m	4h 18m				Mo, 28. Jul
Di, 29. Jul	MESZ	23:17–03:40*	4h 22m	AN ₊ bis AN ₋		11:04	22:56	03:37	56m	04:34	45m	05:19	38m	05:57	15h 00m	20:58	38m	21:36	45m	22:21	55m	23:17	9h 01m	4h 22m				Di, 29. Jul
Mi, 30. Jul	MESZ	23:14–03:42*	4h 27m	AN ₊ bis AN ₋		12:12	23:11	03:40	55m	04:35	45m	05:21	38m	05:59	14h 57m	20:56	37m	21:34	44m	22:19	55m	23:14	9h 03m	4h 27m				Mi, 30. Jul
Do, 31. Jul	MESZ	23:28–03:44*	4h 16m	M _\ bis AN ₋		13:18	23:28	03:42	55m	04:37	44m	05:22	37m	06:00	14h 55m	20:55	37m	21:33	44m	22:17	54m	23:12	9h 06m	4h 32m				Do, 31. Jul
Fr, 1. Aug	MESZ	23:47–03:47*	3h 59m	M _\ bis AN ₋	☾	14:26	23:47	03:44	54m	04:39	44m	05:23	37m	06:01	14h 52m	20:54	37m	21:31	44m	22:15	53m	23:09	9h 08m	4h 37m				Fr, 1. Aug
Sa, 2. Aug	MESZ	00:11*–03:49*	3h 37m	M _\ bis AN ₋		15:34	—:—	03:47	53m	04:40	44m	05:25	37m	06:02	14h 49m	20:52	37m	21:30	44m	22:14	53m	23:07	9h 11m	4h 42m				Sa, 2. Aug
So, 3. Aug	MESZ	00:43*–03:51*	3h 08m	M _\ bis AN ₋		16:42	00:11	03:49	53m	04:42	44m	05:26	37m	06:04	14h 47m	20:51	37m	21:28	43m	22:12	52m	23:04	9h 13m	4h 46m				So, 3. Aug
Mo, 4. Aug	MESZ	01:24*–03:54*	2h 29m	M _\ bis AN ₋		17:47	00:43	03:51	52m	04:44	43m	05:28	37m	06:05	14h 44m	20:49	37m	21:26	43m	22:10	52m	23:02	9h 16m	4h 51m				Mo, 4. Aug
Di, 5. Aug	MESZ	02:18*–03:56*	1h 37m	M _\ bis AN ₋		18:45	01:24	03:54	52m	04:46	43m	05:29	37m	06:06	14h 41m	20:48	36m	21:25	43m	22:08	51m	22:59	9h 19m	4h 56m				Di, 5. Aug
Mi, 6. Aug	MESZ	03:23*–03:58*	34m	M _\ bis AN ₋		19:33	02:18	03:56	51m	04:47	43m	05:30	36m	06:07	14h 39m	20:46	36m	21:23	42m	22:06	50m	22:57	9h 22m	5h 01m				Mi, 6. Aug
Do, 7. Aug	MESZ	—:—:—:—	–	Mond stört		20:11	03:23	03:58	50m	04:49	42m	05:32	36m	06:09	14h 36m	20:45	36m	21:21	42m	22:04	50m	22:54	9h 24m	5h 05m				Do, 7. Aug
Fr, 8. Aug	MESZ	—:—:—:—	–	Mond stört		20:40	04:37	04:00	50m	04:51	42m	05:33	36m	06:10	14h 33m	20:43	36m	21:20	42m	22:02	49m	22:52	9h 27m	5h 10m				Fr, 8. Aug
Sa, 9. Aug	MESZ	—:—:—:—	–	Mond stört	○	21:04	05:55	04:03	49m	04:52	42m	05:35	36m	06:11	14h 30m	20:42	36m	21:18	42m	22:00	49m	22:49	9h 30m	5h 15m				Sa, 9. Aug
So, 10. Aug	MESZ	—:~:~:~:~	–	Mond stört		21:24	07:13	04:05	49m	04:54	42m	05:36	36m	06:12	14h 27m	20:40	36m	21:16	41m	21:58	48m	22:47	9h 33m	5h 20m				So, 10. Aug
Mo, 11. Aug	MESZ	—:~:~:~:~	–	Mond stört		21:41	08:32	04:07	48m	04:56	41m	05:38	36m	06:14	14h 24m	20:39	35m	21:15	41m	21:56	48m	22:44	9h 36m	5h 24m				Mo, 11. Aug
Di, 12. Aug	MESZ	—:~:~:~:~	–	Mond stört		21:58	09:50	04:09	48m	04:57	41m	05:39	35m	06:15	14h 22m	20:37	35m	21:13	41m	21:54	47m	22:42	9h 39m	5h 29m				Di, 12. Aug
Mi, 13. Aug	MESZ	—:~:~:~:~	–	Mond stört		22:16	11:09	04:11	47m	04:59	41m	05:40	35m	06:16	14h 19m	20:35	35m	21:11	41m	21:52	47m	22:39	9h 42m	5h 34m				Mi, 13. Aug
Do, 14. Aug	MESZ	22:37–22:37	0m	AN ₊ bis M ₇		22:37	12:30	04:13	47m	05:01	41m	05:42	35m	06:17	14h 16m	20:34	35m	21:09	40m	21:50	46m	22:37	9h 45m	5h 38m				Do, 14. Aug
Fr, 15. Aug	MESZ	22:34–23:03	28m	AN ₊ bis M ₇		23:03	13:53	04:16	46m	05:02	40m	05:43	35m	06:19	14h 13m	20:32	35m	21:07	40m	21:48	46m	22:34	9h 48m	5h 43m				Fr, 15. Aug
Sa, 16. Aug	MESZ	22:32–23:37	1h 05m	AN ₊ bis M ₇	☾	23:37	15:17	04:18	46m	05:04	40m	05:45	35m	06:20	14h 10m	20:30	35m	21:05	40m	21:46	45m	22:32	9h 51m	5h 48m				Sa, 16. Aug
So, 17. Aug	MESZ	22:29–00:22*	1h 52m	AN ₊ bis M ₇		—:—	16:36	04:20	45m	05:06	40m	05:46	35m	06:21	14h 07m	20:29	35m	21:04	40m	21:44	45m	22:29	9h 54m	5h 52m				So, 17. Aug
Mo, 18. Aug	MESZ	22:27–01:22*	2h 54m	AN ₊ bis M ₇		00:22	17:45	04:22	45m	05:07	40m	05:48	35m	06:23	14h 04m	20:27	34m	21:02	39m	21:42	45m	22:27	9h 57m	5h 57m				Mo, 18. Aug
Di, 19. Aug	MESZ	22:24–02:33*	4h 08m	AN ₊ bis M ₇		01:22	18:40	04:24	45m	05:09	39m	05:49	34m	06:24	14h 01m	20:25	34m	21:00	39m	21:40	44m	22:24	10h 00m	6h 01m				Di, 19. Aug
Mi, 20. Aug	MESZ	22:22–03:51*	5h 29m	AN ₊ bis M ₇		02:33	19:20	04:26	44m	05:11	39m	05:50	34m	06:25	13h 58m	20:23	34m	20:58	39m	21:37	44m	22:22	10h 03m	6h 06m				Mi, 20. Aug
Do, 21. Aug	MESZ	22:19–04:30*	6h 10m	AN ₊ bis AN ₋		03:51	19:50	04:28	44m	05:12	39m	05:52	34m	06:27	13h 54m	20:22	34m	20:56	39m	21:35	44m	22:19	10h 06m	6h 10m				Do, 21. Aug
Fr, 22. Aug	MESZ	22:17–04:32*	6h 15m	AN ₊ bis AN ₋		05:09	20:13	04:30	44m	05:14	39m	05:53	34m	06:28	13h 51m	20:20	34m	20:54	39m	21:33	43m	22:17	10h 09m	6h 15m				Fr, 22. Aug
Sa, 23. Aug	MESZ	22:14–04:34*	6h 19m	AN ₊ bis AN ₋	●	06:26	20:31	04:32	43m	05:16	39m	05:55	34m	06:29	13h 48m	20:18	34m	20:52	38m	21:31	43m	22:14	10h 12m	6h 19m				Sa, 23. Aug
So, 24. Aug	MESZ	22:12–04:36*	6h 24m	AN ₊ bis AN ₋		07:38	20:47	04:34	43m	05:17	38m	05:56	34m	06:30	13h 45m	20:16	34m	20:50	38m	21:29	42m	22:12	10h 15m	6h 24m				So, 24. Aug
Mo, 25. Aug	MESZ	22:09–04:38*	6h 28m	AN ₊ bis AN ₋		08:48	21:02	04:36	42m	05:19	38m	05:58	34m	06:32	13h 42m	20:14	34m	20:48	38m	21:27	42m	22:09	10h 18m	6h 28m				Mo, 25. Aug
Di, 26. Aug	MESZ	22:07–04:40*	6h 32m	AN ₊ bis AN ₋		09:56	21:16	04:38	42m	05:20	38m	05:59	34m	06:33	13h 39m	20:12	33m	20:46	38m	21:25	42m	22:07	10h 21m	6h 32m				Di, 26. Aug
Mi, 27. Aug	MESZ	22:04–04:42*	6h 37m	AN ₊ bis AN ₋		11:03	21:32	04:40	42m	05:22	38m	06:00	33m	06:34	13h 36m	20:10	33m	20:44	38m	21:22	41m	22:04	10h 25m	6h 37m				Mi, 27. Aug
Do, 28. Aug	MESZ	22:02–04:44*	6h 41m	AN ₊ bis AN ₋		12:11	21:50	04:42	42m	05:24	38m	06:02	33m	06:36	13h 32m	20:09	33m	20:42	37m	21:20	41m	22:02	10h 28m	6h 41m				Do, 28. Aug
Fr, 29. Aug	MESZ	22:12–04:45*	6h 33m	M _\ bis AN ₋		13:19	22:12	04:44	41m	05:25	37m	06:03	33m	06:37	13h 29m	20:07	33m	20:40	37m	21:18	41m	21:59	10h 31m	6h 45m				Fr, 29. Aug
Sa, 30. Aug	MESZ	22:40–04:47*	6h 06m	M _\ bis AN ₋		14:27	22:40	04:45	41m	05:27	37m	06:05	33m	06:38	13h 26m	20:05	33m	20:38	37m	21:16	41m	21:57	10h 34m	6h 50m				Sa,

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

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
2025	Zeit- zone	Astr. dunkel und kein Mond			Mond			Beginn der Morgendämmerung					Sonne			Ende der Abenddämmerung					Nacht	Astr. N.	Naut. dunkel und kein Mond			2025		
			Δt		Ph.	\nearrow	\searrow	Astr.	Δt	Naut.	Δt	Bürg.	Δt	\nearrow	Δt	\searrow	Δt	Bürg.	Δt	Naut.	Δt	Astr.	Δt	Δt		Δt		
Di, 28. Okt		21:50–05:15*	7h 25m	M _\ bis AN _\		13:36	21:50	05:14	35m	05:49	34m	06:24	33m	06:58	10h 14m	17:12	33m	17:45	34m	18:20	35m	18:55	13h 47m	10h 20m				Di, 28. Okt
Mi, 29. Okt		23:02–05:17*	6h 14m	M _\ bis AN _\	☾	14:06	23:02	05:15	35m	05:51	34m	06:26	33m	06:59	10h 11m	17:10	33m	17:44	34m	18:19	35m	18:54	13h 50m	10h 22m				Mi, 29. Okt
Do, 30. Okt		00:17*–05:18*	5h 00m	M _\ bis AN _\		14:30	—:—	05:17	35m	05:52	35m	06:27	33m	07:01	10h 08m	17:09	33m	17:42	35m	18:17	35m	18:53	13h 53m	10h 25m				Do, 30. Okt
Fr, 31. Okt		01:34*–05:19*	3h 45m	M _\ bis AN _\		14:50	00:17	05:18	35m	05:53	35m	06:28	33m	07:02	10h 05m	17:07	33m	17:41	35m	18:16	35m	18:51	13h 56m	10h 28m				Fr, 31. Okt
Sa, 1. Nov		02:51*–05:21*	2h 29m	M _\ bis AN _\		15:09	01:34	05:19	35m	05:55	35m	06:30	33m	07:04	10h 02m	17:06	33m	17:39	35m	18:15	35m	18:50	13h 59m	10h 30m				Sa, 1. Nov
So, 2. Nov		04:12*–05:22*	1h 10m	M _\ bis AN _\		15:26	02:51	05:21	35m	05:56	35m	06:31	33m	07:05	9h 59m	17:04	33m	17:38	35m	18:13	35m	18:48	14h 02m	10h 33m				So, 2. Nov
Mo, 3. Nov		—:—:—:—	–	Mond stört		15:45	04:12	05:22	35m	05:57	35m	06:33	33m	07:06	9h 56m	17:03	33m	17:37	35m	18:12	35m	18:47	14h 05m	10h 36m				Mo, 3. Nov
Di, 4. Nov		—:—:—:—	–	Mond stört		16:06	05:36	05:23	35m	05:59	35m	06:34	33m	07:08	9h 53m	17:01	33m	17:35	35m	18:11	35m	18:46	14h 08m	10h 38m				Di, 4. Nov
Mi, 5. Nov		—:—:—:—	–	Mond stört	☉	16:32	07:04	05:25	35m	06:00	35m	06:35	34m	07:09	9h 50m	17:00	34m	17:34	35m	18:09	35m	18:45	14h 10m	10h 41m				Mi, 5. Nov
Do, 6. Nov		—:~:~:~:~	–	Mond stört		17:07	08:34	05:26	35m	06:01	35m	06:37	34m	07:11	9h 47m	16:59	34m	17:33	35m	18:08	35m	18:44	14h 13m	10h 43m				Do, 6. Nov
Fr, 7. Nov		—:~:~:~:~	–	Mond stört		17:55	10:01	05:27	35m	06:03	35m	06:38	34m	07:12	9h 44m	16:57	34m	17:31	35m	18:07	35m	18:42	14h 16m	10h 45m				Fr, 7. Nov
Sa, 8. Nov		18:41–18:57	15m	AN ₊ bis M ₇		18:57	11:16	05:28	35m	06:04	35m	06:39	34m	07:14	9h 41m	16:56	34m	17:30	35m	18:06	35m	18:41	14h 19m	10h 48m				Sa, 8. Nov
So, 9. Nov		18:40–20:12	1h 31m	AN ₊ bis M ₇		20:12	12:15	05:30	35m	06:05	35m	06:41	34m	07:15	9h 39m	16:55	34m	17:29	35m	18:05	35m	18:40	14h 22m	10h 50m				So, 9. Nov
Mo, 10. Nov		18:39–21:31	2h 51m	AN ₊ bis M ₇		21:31	12:56	05:31	35m	06:06	35m	06:42	34m	07:17	9h 36m	16:53	34m	17:28	35m	18:04	35m	18:39	14h 24m	10h 53m				Mo, 10. Nov
Di, 11. Nov		18:38–22:50	4h 11m	AN ₊ bis M ₇		22:50	13:27	05:32	35m	06:08	35m	06:44	34m	07:18	9h 33m	16:52	34m	17:27	35m	18:02	35m	18:38	14h 27m	10h 55m				Di, 11. Nov
Mi, 12. Nov		18:37–00:04*	5h 27m	AN ₊ bis M ₇	☾	—:—	13:49	05:33	35m	06:09	35m	06:45	34m	07:20	9h 31m	16:51	34m	17:26	35m	18:01	35m	18:37	14h 30m	10h 57m				Mi, 12. Nov
Do, 13. Nov		18:36–01:15*	6h 39m	AN ₊ bis M ₇		00:04	14:08	05:35	35m	06:10	35m	06:46	34m	07:21	9h 28m	16:50	34m	17:25	35m	18:00	35m	18:36	14h 32m	10h 59m				Do, 13. Nov
Fr, 14. Nov		18:35–02:23*	7h 48m	AN ₊ bis M ₇		01:15	14:23	05:36	35m	06:12	36m	06:48	34m	07:23	9h 25m	16:49	34m	17:24	36m	18:00	35m	18:35	14h 35m	11h 01m				Fr, 14. Nov
Sa, 15. Nov		18:34–03:30*	8h 55m	AN ₊ bis M ₇		02:23	14:38	05:37	35m	06:13	36m	06:49	35m	07:24	9h 23m	16:47	35m	17:23	36m	17:59	35m	18:34	14h 38m	11h 03m				Sa, 15. Nov
So, 16. Nov		18:34–04:36*	10h 02m	AN ₊ bis M ₇		03:30	14:52	05:38	35m	06:14	36m	06:50	35m	07:25	9h 20m	16:46	35m	17:22	36m	17:58	35m	18:34	14h 40m	11h 05m				So, 16. Nov
Mo, 17. Nov		18:33–05:41*	11h 07m	AN ₊ bis AN _\		04:36	15:08	05:39	35m	06:15	36m	06:52	35m	07:27	9h 18m	16:45	35m	17:21	36m	17:57	35m	18:33	14h 42m	11h 07m				Mo, 17. Nov
Di, 18. Nov		18:32–05:42*	11h 09m	AN ₊ bis AN _\		05:43	15:26	05:41	35m	06:17	36m	06:53	35m	07:28	9h 16m	16:44	35m	17:20	36m	17:56	35m	18:32	14h 45m	11h 09m				Di, 18. Nov
Mi, 19. Nov		18:31–05:43*	11h 11m	AN ₊ bis AN _\		06:51	15:49	05:42	35m	06:18	36m	06:54	35m	07:30	9h 13m	16:43	35m	17:19	36m	17:55	35m	18:31	14h 47m	11h 11m				Mi, 19. Nov
Do, 20. Nov		18:31–05:44*	11h 13m	AN ₊ bis AN _\	☾	07:59	16:17	05:43	36m	06:19	36m	06:56	35m	07:31	9h 11m	16:42	35m	17:18	36m	17:55	36m	18:31	14h 50m	11h 13m				Do, 20. Nov
Fr, 21. Nov		18:30–05:45*	11h 15m	AN ₊ bis AN _\		09:04	16:53	05:44	36m	06:20	36m	06:57	35m	07:33	9h 09m	16:42	35m	17:17	36m	17:54	36m	18:30	14h 52m	11h 15m				Fr, 21. Nov
Sa, 22. Nov		18:29–05:47*	11h 17m	AN ₊ bis AN _\		10:04	17:39	05:45	36m	06:22	36m	06:58	35m	07:34	9h 06m	16:41	35m	17:17	36m	17:53	36m	18:29	14h 54m	11h 17m				Sa, 22. Nov
So, 23. Nov		18:36–05:48*	11h 12m	M _\ bis AN _\		10:54	18:36	05:47	36m	06:23	36m	06:59	35m	07:35	9h 04m	16:40	35m	17:16	36m	17:53	36m	18:29	14h 56m	11h 18m				So, 23. Nov
Mo, 24. Nov		19:41–05:49*	10h 08m	M _\ bis AN _\		11:35	19:41	05:48	36m	06:24	36m	07:01	35m	07:37	9h 02m	16:39	35m	17:15	36m	17:52	36m	18:28	14h 58m	11h 20m				Mo, 24. Nov
Di, 25. Nov		20:51–05:50*	8h 59m	M _\ bis AN _\		12:07	20:51	05:49	36m	06:25	36m	07:02	36m	07:38	9h 00m	16:39	36m	17:15	36m	17:51	36m	18:28	15h 00m	11h 22m				Di, 25. Nov
Mi, 26. Nov		22:03–05:51*	7h 47m	M _\ bis AN _\		12:33	22:03	05:50	36m	06:26	36m	07:03	36m	07:39	8h 58m	16:38	36m	17:14	36m	17:51	36m	18:27	15h 02m	11h 23m				Mi, 26. Nov
Do, 27. Nov		23:16–05:52*	6h 35m	M _\ bis AN _\		12:54	23:16	05:51	36m	06:27	36m	07:04	36m	07:41	8h 56m	16:37	36m	17:13	36m	17:50	36m	18:27	15h 04m	11h 25m				Do, 27. Nov
Fr, 28. Nov		00:30*–05:53*	5h 22m	M _\ bis AN _\	☾	13:12	—:—	05:52	36m	06:28	37m	07:05	36m	07:42	8h 54m	16:37	36m	17:13	37m	17:50	36m	18:26	15h 06m	11h 26m				Fr, 28. Nov
Sa, 29. Nov		01:46*–05:54*	4h 07m	M _\ bis AN _\		13:29	00:30	05:53	36m	06:30	37m	07:07	36m	07:43	8h 52m	16:36	36m	17:13	37m	17:50	36m	18:26	15h 08m	11h 28m				Sa, 29. Nov
So, 30. Nov		03:05*–05:55*	2h 49m	M _\ bis AN _\		13:46	01:46	05:54	36m	06:31	37m	07:08	36m	07:44	8h 51m	16:36	36m	17:12	37m	17:49	36m	18:26	15h 09m	11h 29m				So, 30. Nov
Mo, 1. Dez		04:29*–05:56*	1h 27m	M _\ bis AN _\		14:05	03:05	05:55	36m	06:32	37m	07:09	36m	07:46	8h 49m	16:35	36m	17:12	37m	17:49	36m	18:25	15h 11m	11h 30m				Mo, 1. Dez
Di, 2. Dez		05:57*–05:57*	0m	M _\ bis AN _\		14:28	04:29	05:56	36m	06:33	37m	07:10	36m	07:47	8h 48m	16:35	36m	17:11	37m	17:49	36m	18:25	15h 13m	11h 31m				Di, 2. Dez
Mi, 3. Dez		—:~:~:~:~	–	Mond stört		14:58	05:57	05:57	36m	06:34	37m	07:11	36m	07:48	8h 46m	16:34	36m	17:11	37m	17:48	36m	18:25	15h 14m	11h 33m				Mi, 3. Dez
Do, 4. Dez		—:~:~:~:~	–	Mond stört		15:39	07:26	05:58	36m	06:35	37m	07:12	36m	07:49	8h 45m	16:34	36m	17:11	37m	17:48	36m	18:25	15h 16m	11h 34m				Do, 4. Dez
Fr, 5. Dez		—:~:~:~:~	–	Mond stört	☉	16:35	08:49	05:59	36m	06:36	37m	07:13	36m	07:50	8h 43m	16:34	36m	17:11	37m	17:48	36m	18:25	15h 17m	11h 35m				Fr, 5. Dez
Sa, 6. Dez		—:~:~:~:~	–	Mond stört		17:46	09:57	06:00	36m	06:37	37m	07:14	36m	07:51	8h 42m	16:34	36m	17:11	37m	17:48	36m	18:25	15h 18m	11h 36m				Sa, 6. Dez
So, 7. Dez		18:25–19:07	41m	AN ₊ bis M ₇		19:07	10:48	06:01	36m	06:38	37m	07:15	37m	07:52	8h 41m	16:33	37m	17:10	37m	17:48	36m	18:25	15h 19m	11h 37m				So, 7. Dez
Mo, 8. Dez		18:25–20:29	2h 04m	AN ₊ bis M ₇		20:29	11:25	06:02	36m	06:39	37m	07:16	37m	07:53	8h 39m	16:33	37m	17:10	37m	17:48	36m	18:25	15h 21m	11h 37m				Mo, 8. Dez
Di, 9. Dez		18:25–21:48	3h 23m	AN ₊ bis M ₇		21:48	11:51	06:03	36m	06:39																		

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